Product Environmental Profile

MCB 1P 6kA B-16A, 1 module

Company information

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A question concerning the Product Environmental Profile: info@hager.com

References covered

For the complete list of the covered references, see details in Appendix 1.

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
MBN116

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.2 Circuit breaker family

Functional unit

Protect the installation from overloads and short circuits in a circuit with rated voltage 240V, rated current 16A, with 1 pole, a rated breaking capacity 6kA, and the tripping curve B, in the Household/Commercial area, according to the appropriate use scenario, and during the reference service life of the product of 20 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PA6	22.03	22.7%	Steel	40.86	42.1%	Cardboard	8.37	8.6%
PA66	1.26	1.3%	Copper	5.26	5.4%	Calcium Carbonate	8.03	8.3%
PBT	0.92	0.9%	Stainless steel	1.31	1.4%	Melamine cyanurate	3.27	3.4%
PE-LD	0.46	0.5%	Invar	0.34	0.3%	Wood	2.30	2.4%
PC	0.38	0.4%	Manganese	0.24	0.2%	Glass	1.59	1.6%
Other	0.09	<0.1%	Other	0.35	0.4%	Other	0.10	0.1%
Total mass of reference product with raw material packaging :			**97.18 g**					
Total mass of reference product (Product + packaging)			**92.91 g**					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.0549	30.0%	0	70.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	100.0%	0	0.0%	0	0.0%

This corresponds to a total energy consumption of 2.89 kWh for the use span of 20 years.

Energy model of the use phase :
Europe

Consumables and maintenance :
None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 52%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.3 with the database version CODDE-2023-02 .
Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0
PEP representative of the covered products marketed in: Europe
Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	4.26E-03	1.04E-04	1.87E-05	5.21E-03	6.34E-04	1.02E-02	-2.86E-03
Climate change - Total (PEF-GWP)	kg CO2 eq.	6.32E-01	1.64E-02	8.28E-03	1.02E+00	1.39E-01	1.81E+00	5.22E-03
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-9.83E-03	0.00E+00	1.56E-03	1.87E-03	3.49E-03	-2.91E-03	-4.04E-04
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	6.42E-01	1.64E-02	6.72E-03	1.02E+00	1.35E-01	1.82E+00	5.63E-03
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-07	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	5.90E+02	1.08E-02	9.68E-02	1.92E+00	7.24E-01	5.93E+02	-7.04E-01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.76E-08	8.48E-10	1.11E-10	4.19E-08	4.14E-09	7.46E-08	-8.86E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.34E-05	6.17E-09	9.20E-08	2.68E-06	1.38E-06	2.76E-05	-2.91E-04
Eutrophication, marine (PEF-Epm)	kg N eq.	3.99E-04	4.89E-05	8.91E-06	6.35E-04	2.77E-04	1.37E-03	-1.12E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.28E-03	5.36E-04	5.54E-05	1.02E-02	1.21E-03	1.63E-02	-1.44E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	6.12E-09	2.89E-13	7.40E-10	1.28E-10	1.30E-10	7.12E-09	-9.15E-10
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.89E-08	5.60E-12	2.16E-11	3.06E-09	3.32E-09	3.53E-08	-3.33E-08
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.27E+00	4.01E-05	1.00E-03	1.46E+00	4.62E-03	3.74E+00	9.55E-05
Land use (PEF-LU)	No dimension	5.12E-02	0.00E+00	1.79E-05	2.81E-02	1.90E-01	2.69E-01	-5.39E-01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	7.92E-08	2.52E-11	8.61E-11	4.93E-09	8.42E-09	9.26E-08	-5.30E-10
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.55E-03	1.35E-04	1.29E-05	2.00E-03	3.16E-04	4.02E-03	-5.73E-04
Resource use, fossils (PEF-ADPf)	MJ	2.49E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.19E+01	-5.05E-01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	5.77E-05	6.48E-10	1.56E-10	3.60E-07	2.21E-07	5.83E-05	-8.92E-06
Water use (PEF-WU)	m3 eq.	2.91E-01	6.25E-05	5.00E-04	7.79E-02	2.00E+01	2.04E+01	-3.70E+01

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	6.78E-03	1.46E-06	1.17E-05	1.83E-03	5.60E-01	5.69E-01	-8.46E-01
Total primary energy	MJ	2.52E+01	2.30E-01	7.22E-02	3.25E+01	1.14E+00	5.91E+01	-6.19E-01
Total non renewable primary energy	MJ	2.49E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.19E+01	-5.05E-01
Total renewable primary energy	MJ	3.03E-01	3.06E-04	8.50E-03	6.79E+00	9.94E-02	7.21E+00	-1.14E-01
Non renewable primary energy used as energy	MJ	2.40E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.10E+01	-5.05E-01
Non renewable primary energy used as raw material	MJ	8.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-01	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	1.09E-01	3.06E-04	8.50E-03	6.79E+00	9.94E-02	7.01E+00	-1.14E-01
Renewable primary energy used as raw material	MJ	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.12E+00	0.00E+00	1.64E-04	4.46E-02	-4.21E-05	1.17E+00	1.71E-20
Non hazardous waste disposed	kg	5.69E-02	5.78E-04	2.75E-03	1.72E-01	5.70E-04	2.33E-01	6.34E-20
Radioactive waste disposed	kg	1.95E-05	4.11E-07	3.30E-07	3.94E-05	2.42E-08	5.96E-05	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00
Materials for energy recovery	kg	1.05E-03	0.00E+00	5.52E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00
Materials for recycling	kg	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	8.37E-03	6.96E-05	2.30E-03	1.07E-02
Biogenic carbon content (declared unit)	kg of C	2.34E-03	2.63E-05	9.11E-04	3.28E-03
Biogenic carbon content (functional unit)	kg of C	2.34E-03	2.63E-05	9.11E-04	3.28E-03
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

Verification

Registration N°: HAGE-00928-V03.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH65	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 11-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :

The picture has no contractual value.

All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.

The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.

The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Manufacturing A1-A3

	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-nc) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]
MBN116	4.26E-03	6.32E-01	-9.83E-03	6.42E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.99E-04	4.28E-03	7.77E-04	1.12E+00	6.12E-09	2.89E-08	2.27E+00	5.12E-02	1.05E-03
B02813	5.01E-03	7.29E-01	-1.07E-02	7.42E-01	7.91E-07	0.00E+00	6.93E+02	3.78E-05	5.29E-04	5.96E-03	7.36E-04	1.25E+00	2.56E-08	3.78E-08	2.63E+00	9.39E-02	1.05E-03
B02823	5.01E-03	7.29E-01	-1.07E-02	7.43E-01	7.90E-07	0.00E+00	6.89E+02	3.76E-05	5.29E-04	5.96E-03	7.36E-04	1.25E+00	2.51E-08	3.78E-08	2.63E+00	9.33E-02	1.05E-03
B02861	5.01E-03	7.29E-01	-1.07E-02	7.42E-01	7.91E-07	0.00E+00	6.93E+02	3.78E-05	5.29E-04	5.96E-03	7.36E-04	1.25E+00	2.56E-08	3.78E-08	2.63E+00	9.39E-02	1.05E-03
B02870	5.01E-03	7.29E-01	-1.07E-02	7.43E-01	7.90E-07	0.00E+00	6.89E+02	3.76E-05	5.29E-04	5.96E-03	7.36E-04	1.25E+00	2.51E-08	3.78E-08	2.63E+00	9.33E-02	1.05E-03
HLE180S	1.48E-02	2.23E+00	-2.38E-03	2.31E+00	2.42E-06	0.00E+00	1.20E+03	3.84E-04	1.38E-03	1.52E-02	1.78E-03	1.04E+01	2.46E-08	2.94E-07	2.45E+01	1.00E+00	2.35E-03
HLE280S	3.70E-02	3.64E+00	-2.54E-03	3.46E+00	2.70E-06	0.00E+00	1.04E+03	4.10E-04	2.77E-03	2.87E-02	4.42E-03	1.44E+01	2.94E-08	4.00E-07	2.90E+01	1.04E+00	6.90E-03
HLE290S	4.73E-02	3.80E+00	1.32E-02	3.64E+00	2.77E-06	0.00E+00	1.45E+03	4.32E-04	2.85E-03	3.03E-02	4.43E-03	1.89E+01	3.22E-08	4.95E-07	3.85E+01	1.21E+00	6.91E-03
HLE380S	6.06E-02	4.44E+00	-1.23E-02	4.35E+00	3.00E-06	0.00E+00	1.69E+03	5.19E-04	3.30E-03	3.47E-02	4.75E-03	2.73E+01	3.75E-08	5.69E-07	4.21E+01	1.45E+00	7.30E-03
HLE390S	6.13E-02	3.72E+00	1.72E-02	3.60E+00	2.86E-06	0.00E+00	1.05E+03	5.18E-04	3.05E-03	3.15E-02	4.75E-03	2.83E+01	3.18E-08	5.89E-07	4.53E+01	1.45E+00	7.29E-03
HLF180S	1.49E-02	2.26E+00	-2.18E-03	2.35E+00	2.50E-06	0.00E+00	1.20E+03	3.92E-04	1.38E-03	1.52E-02	1.78E-03	1.05E+01	2.46E-08	2.98E-07	2.45E+01	1.01E+00	2.35E-03
HLF190S	1.46E-02	2.08E+00	6.17E-03	2.17E+00	2.23E-06	0.00E+00	1.20E+03	3.08E-04	1.38E-03	1.47E-02	1.78E-03	1.07E+01	2.47E-08	2.67E-07	2.62E+01	8.71E-01	2.35E-03
HLF199S	1.50E-02	2.08E+00	6.20E-03	2.17E+00	2.21E-06	0.00E+00	1.09E+03	3.27E-04	1.40E-03	1.50E-02	1.80E-03	1.06E+01	2.56E-08	2.74E-07	2.62E+01	9.17E-01	2.38E-03
HLF280S	3.84E-02	3.68E+00	-9.69E-03	3.50E+00	2.76E-06	0.00E+00	1.28E+03	4.19E-04	2.81E-03	2.93E-02	4.43E-03	1.50E+01	3.01E-08	4.12E-07	2.91E+01	1.07E+00	6.91E-03
HLF290S	4.29E-02	3.48E+00	1.27E-02	3.40E+00	2.55E-06	0.00E+00	1.04E+03	3.61E-04	2.74E-03	2.83E-02	4.18E-03	1.78E+01	2.92E-08	4.52E-07	3.73E+01	1.06E+00	6.68E-03
HLF299S	4.31E-02	3.48E+00	1.38E-02	3.40E+00	2.55E-06	0.00E+00	1.04E+03	3.60E-04	2.75E-03	2.83E-02	4.19E-03	1.81E+01	2.92E-08	4.51E-07	3.79E+01	1.06E+00	6.68E-03
HLF380S	6.09E-02	4.46E+00	-1.21E-02	4.38E+00	3.02E-06	0.00E+00	1.69E+03	5.19E-04	3.33E-03	3.50E-02	4.75E-03	2.73E+01	3.75E-08	5.69E-07	4.21E+01	1.45E+00	7.30E-03
HLF390S	6.11E-02	4.45E+00	1.78E-02	4.36E+00	2.97E-06	0.00E+00	1.70E+03	5.20E-04	3.26E-03	3.42E-02	4.75E-03	2.84E+01	3.73E-08	5.91E-07	4.59E+01	1.47E+00	7.30E-03
HLF399S	6.13E-02	3.71E+00	1.72E-02	3.56E+00	2.80E-06	0.00E+00	1.05E+03	5.19E-04	3.02E-03	3.12E-02	4.78E-03	2.83E+01	3.28E-08	5.88E-07	4.54E+01	1.47E+00	7.30E-03
HMB180	2.48E-02	2.67E+00	5.14E-03	2.61E+00	2.78E-06	0.00E+00	1.13E+03	5.62E-04	1.43E-03	1.72E-02	2.02E-03	1.52E+01	2.52E-08	4.02E-07	3.95E+01	1.58E+00	2.80E-03
HMB190	2.55E-02	2.68E+00	8.60E-03	2.61E+00	3.01E-06	0.00E+00	1.13E+03	5.59E-04	1.46E-03	1.77E-02	2.05E-03	1.53E+01	2.59E-08	4.03E-07	3.98E+01	1.59E+00	2.83E-03
HMB199	2.58E-02	2.68E+00	8.41E-03	2.61E+00	2.99E-06	0.00E+00	1.02E+03	5.65E-04	1.47E-03	1.78E-02	2.04E-03	1.52E+01	2.60E-08	4.02E-07	3.97E+01	1.60E+00	2.83E-03
HMB280	4.77E-02	4.46E+00	1.16E-02	4.04E+00	3.98E-06	0.00E+00	1.04E+03	7.84E-04	3.27E-03	3.66E-02	4.66E-03	2.45E+01	2.81E-08	5.78E-07	6.22E+01	2.33E+00	6.60E-03
HMB290	5.40E-02	4.57E+00	1.75E-02	4.16E+00	4.01E-06	0.00E+00	1.03E+03	8.08E-04	3.34E-03	3.76E-02	4.68E-03	2.58E+01	2.94E-08	6.35E-07	6.52E+01	2.39E+00	6.59E-03
HMB299	5.41E-02	4.57E+00	1.84E-02	4.16E+00	3.99E-06	0.00E+00	1.03E+03	8.08E-04	3.34E-03	3.76E-02	4.68E-03	2.58E+01	2.88E-08	6.36E-07	6.57E+01	2.39E+00	6.59E-03
HMB380	7.93E-02	7.19E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.22E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03
HMB480	1.06E-01	9.65E+00	2.22E-02	9.62E+00	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.29E-03	6.98E-02	8.24E-03	5.57E+01	5.54E-08	1.27E-06	1.19E+02	5.15E+00	1.12E-02
HMB490	1.06E-01	9.69E+00	2.44E-02	9.66E+00	9.42E-06	0.00E+00	3.17E+03	1.77E-03	6.33E-03	7.02E-02	8.22E-03	5.62E+01	5.54E-08	1.28E-06	1.19E+02	5.24E+00	1.11E-02
HMB499	1.06E-01	9.68E+00	2.42E-02	9.66E+00	9.42E-06	0.00E+00	3.17E+03	1.77E-03	6.32E-03	7.02E-02	8.22E-03	5.61E+01	5.58E-08	1.28E-06	1.19E+02	5.24E+00	1.11E-02
HMC180	2.75E-02	2.50E+00	3.21E-03	2.50E+00	3.12E-06	0.00E+00	7.87E+02	4.37E-04	1.69E-03	1.89E-02	2.11E-03	1.39E+01	1.44E-08	3.19E-07	3.07E+01	1.29E+00	2.86E-03
HMC180T	2.52E-02	2.72E+00	5.27E-03	2.65E+00	3.05E-06	0.00E+00	1.12E+03	5.74E-04	1.43E-03	1.73E-02	2.04E-03	1.53E+01	2.53E-08	4.07E-07	3.99E+01	1.61E+00	2.83E-03
HMC190	2.49E-02	2.58E+00	8.08E-03	2.57E+00	2.81E-06	0.00E+00	1.21E+03	4.83E-04	1.45E-03	1.70E-02	2.10E-03	1.44E+01	2.59E-08	3.66E-07	3.82E+01	1.43E+00	2.88E-03
HMC190T	2.49E-02	2.54E+00	8.15E-03	2.49E+00	2.80E-06	0.00E+00	1.13E+03	4.82E-04	1.44E-03	1.68E-02	2.05E-03	1.44E+01	2.59E-08	3.67E-07	3.82E+01	1.42E+00	2.83E-03
HMC199	2.53E-02	2.54E+00	8.01E-03	2.50E+00	2.77E-06	0.00E+00	1.02E+03	4.90E-04	1.44E-03	1.69E-02	2.04E-03	1.43E+01	2.60E-08	3.69E-07	3.82E+01	1.43E+00	2.83E-03
HMC199T	2.53E-02	2.53E+00	8.01E-03	2.50E+00	2.77E-06	0.00E+00	1.02E+03	4.89E-04	1.44E-03	1.68E-02	2.04E-03	1.43E+01	2.60E-08	3.69E-07	3.82E+01	1.43E+00	2.83E-03
HMC280	4.93E-02	4.50E+00	1.18E-02	4.09E+00	4.02E-06	0.00E+00	1.04E+03	7.88E-04	3.36E-03	3.78E-02	4.66E-03	2.52E+01	2.88E-08	5.93E-07	6.22E+01	2.35E+00	6.60E-03
HMC280T	4.98E-02	4.50E+00	1.52E-02	4.09E+00	4.02E-06	0.00E+00	1.04E+03	7.92E-04	3.36E-03	3.78E-02	4.69E-03	2.52E+01	2.88E-08	5.93E-07	6.24E+01	2.35E+00	6.66E-03
HMC290	4.91E-02	4.26E+00	1.69E-02	3.95E+00	3.85E-06	0.00E+00	1.03E+03	7.24E-04	3.21E-03	3.58E-02	4.46E-03	2.45E+01	2.87E-08	5.87E-07	6.39E+01	2.20E+00	6.39E-03
HMC290T	4.96E-02	4.27E+00	1.96E-02	3.95E+00	3.85E-06	0.00E+00	1.67E+03	7.47E-04	3.22E-03	3.60E-02	4.51E-03	2.47E+01	2.94E-08	5.89E-07	6.40E+01	2.25E+00	6.47E-03
HMC299	4.97E-02	4.26E+00	2.05E-02	3.95E+00	3.84E-06	0.00E+00	1.67E+03	7.47E-04	3.23E-03	3.60E-02	4.51E-03	2.48E+01	2.94E-08	5.89E-07	6.46E+01	2.25E+00	6.47E-03
HMC299T	4.97E-02	4.26E+00	2.05E-02	3.95E+00	3.84E-06	0.00E+00	1.67E+03	7.47E-04	3.23E-03	3.60E-02	4.51E-03	2.48E+01	2.94E-08	5.89E-07	6.46E+01	2.25E+00	6.47E-03
HMC380	7.93E-02	7.19E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.23E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03
HMC390	7.85E-02	6.96E+00	2.04E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.58E-03	5.06E-02	6.14E-03	4.21E+01	4.09E-08	9.58E-07	8.89E+01	3.92E+00	8.31E-03
HMC399	7.84E-02	6.96E+00	2.03E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.58E-03	5.06E-02	6.13E-03	4.21E+01	4.12E-08	9.57E-07	8.86E+01	3.92E+00	8.30E-03
HMC480	1.06E-01	9.65E+00	2.22E-02	9.62E+00	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.29E-03	6.98E-02	8.24E-03	5.57E+01	5.54E-08	1.27E-06	1.19E+02	5.15E+00	1.11E-02
HMC490	1.05E-01	9.31E+00	2.31E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.62E+01	5.52E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02
HMC499	1.05E-01	9.31E+00	2.29E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.61E+01	5.56E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02
HMD180	2.52E-02	2.70E+00	5.47E-03	2.64E+00	2.84E-06	0.00E+00	1.13E+03	5.72E-04	1.43E-03	1.72E-02	2.02E-03	1.53E+01	2.52E-08	4.06E-07	3.95E+01	1.61E+00	2.80E-03
HMD180T	2.52E-02	2.70E+00	5.41E-03	2.64E+00	3.05E-06	0.00E+00	1.12E+03	5.73E-04	1.43E-03	1.72E-02	2.04E-03	1.53E+01	2.53E-08	4.07E-07	3.99E+01	1.61E+00	2.83E-03
HMD190	2.56E-02	2.70E+00	8.61E-03	2.64E+00	2.88E-06	0.00E+00	1.13E+03	5.59E-04	1.46E-03	1.77E-02	2.04E-03	1.52E+01	2.59E-08	4.03E-07	3.95E+01	1.59E+00	2.81E-03
HMD190T	2.56E-02	2.70E+00	8.61E-03	2.64E+00	3.08E-06	0.00E+00	1.13E+03	5.61E-04	1.46E-03	1.77E-02	2.05E-03	1.53E+01	2.59E-08	4.04E-07	3.98E+01	1.59E+00	2.83E-03
HMD199	2.59E-02	2.75E+00	8.35E-03	2.72E+00	3.08E-06	0.00E+00	1.17E+03	5.67E-04	1.47E-03	1.80E-02	2.09E-03	1.53E+01	2.60E-08	4.04E-07	3.98E+01	1.60E+00	2.89E-03
HMD199T	2.59E-02	2.71E+00	8.47E-03	2.65E+00	3.08E-06	0.00E+00	1.02E+03	5.68E-04	1.47E-03	1.78E-02	2.04E-03	1.52E+01	2.60E-08	4.04E-07	3.97E+01	1.60E+00	2.84E-03
HMD280	4.98E-02	4.49E+00	1.52E-02	4.09E+00	4.02E-06	0.00E+00	1.04E+03	7.92E-04	3.36E-03	3.77E-02	4.69E-03	2.52E+01	2.88E-08	5.93E-07	6.24E+01	2.35E+00	6.66E-03
HMD280T	4.98E-02	4.49E+00	1.45E-02	4.08E+00	4.02E-06	0.00E+00	1.04E+03	7.92E-04	3.36E-03	3.77E-02	4.69E-03	2.52E+01	2.88E-08	5.93E-07	6.23E+01	2.35E+00	6.66E-03
HMD290	5.41E-02	4.59E+00	1.75E-02	4.18E+00	4.06E-06	0.00E+00	1.03E+03	8.05E-04	3.34E-03	3.76E-02	4.68E-03	2.58E+01	2.87E-08	6.35E-07	6.52E+01	2.37E+00	6.59E-03
HMD290T	5.43E-02	4.61E+00	2.00E-02	4.18E+00	4.15E-06	0.00E+00	1.89E+03	8.10E-04	3.41E-03	3.83E-02	4.73E-03	2.58E+01	3.27E-08	6.34E-07	6.53E+01	2.39E+00	6.68E-03
HMD299	5.49E-02	4.59E+00	2.08E-02	4.18E+00	4.08E-06	0.00E+00	1.67E+03	8.25E-04	3.36E-03	3.79E-02	4.75E-03	2.60E+01	2.94E-08	6.37E-07	6.60E+01	2.44E+00	6.69E-03
HMD299T	5.44E-02	4.59E+00	2.07E-02	4.18E+00	4.05E-06	0.00E+00	1.67E+03	8.11E-04	3.36E-03	3.79E-02	4.71E-03	2.58E+01	2.94E-08	6.36E-07	6.58E+01	2.39E+00	6.65E-03
HMD380T	7.93E-02	7.20E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.23E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03
HMD390T	8.27E-02	7.63E+00	2.86E-02	7.60E+00	5.06E-06	0.00E+00	2.36E+03	1.33E-03	5.05E-03	5.65E-02	6.14E-03	4.22E+01	4.11E-08	9.65E-07	8.98E+01	3.93E+00	8.31E-03
HMD399T	8.25E-02	7.60E+00	2.11E-02	7.58E+00	5.06E-06	0.00E+00	2.36E+03	1.33E-03	5.03E-03	5.63E-02	6.13E-03	4.21E+01	4.14E-08	9.63E-07	8.96E+01	3.93E+00	8.30E-03
HMF180	2.52E-02	2.70E+00	5.47E-03	2.65E+00	2.84E-06	0.00E+00	1.13E+03	5.72E-04	1.43E-03	1.72E-02	2.02E-03	1.53E+01	2.52E-08	4.06E-07	3.95E+01	1.60E+00	2.80E-03

	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
MBN116	3.35E-02	6.78E-03	5.69E-02	2.40E+01	8.44E-01	7.92E-08	2.76E-08	1.55E-03	1.95E-05	1.09E-01	1.94E-01	2.49E+01	5.77E-05	2.49E+01	2.52E+01	3.03E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
B02813	3.37E-02	6.40E-03	7.24E-02	2.36E+01	9.66E-01	9.08E-08	3.08E-08	1.84E-03	2.09E-05	2.83E-01	2.04E-01	2.37E+01	8.66E-05	2.37E+01	2.45E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
B02823	3.38E-02	6.40E-03	7.23E-02	2.37E+01	9.62E-01	9.06E-08	3.08E-08	1.84E-03	2.05E-05	2.83E-01	2.04E-01	2.38E+01	8.66E-05	2.38E+01	2.45E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
B02861	3.37E-02	6.40E-03	7.24E-02	2.36E+01	9.66E-01	9.08E-08	3.08E-08	1.84E-03	2.09E-05	2.83E-01	2.04E-01	2.37E+01	8.66E-05	2.37E+01	2.45E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
B02870	3.38E-02	6.40E-03	7.23E-02	2.37E+01	9.62E-01	9.06E-08	3.08E-08	1.84E-03	2.05E-05	2.83E-01	2.04E-01	2.38E+01	8.66E-05	2.38E+01	2.45E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
HLE180S	1.66E-01	5.48E-02	2.87E-01	8.14E+01	1.48E+00	1.81E-06	1.12E-07	5.57E-03	1.35E-04	9.05E-01	2.88E-01	8.27E+01	1.55E-03	8.68E+01	8.11E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
HLE280S	1.96E-01	6.83E-02	5.67E-01	1.57E+02	2.71E+00	1.88E-06	2.62E-07	1.16E-02	2.67E-04	1.45E+00	5.34E-01	1.39E+02	3.64E-03	1.50E+02	1.39E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
HLE290S	2.06E-01	7.97E-02	5.91E-01	1.57E+02	2.46E+00	1.95E-06	3.06E-07	1.18E-02	2.81E-04	1.60E+00	6.57E-01	1.39E+02	3.79E-03	1.50E+02	1.40E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+00
HLE380S	2.46E-01	8.14E-02	8.90E-01	1.66E+02	4.69E+00	2.08E-06	4.04E-07	1.32E-02	3.16E-04	3.40E+00	1.21E+00	1.55E+02	3.43E-03	1.61E+02	1.59E+02	5.16E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+00
HLE390S	2.41E-01	8.32E-02	9.08E-01	1.65E+02	4.29E+00	2.11E-06	4.08E-07	1.34E-02	3.21E-04	3.48E+00	8.39E-01	1.54E+02	3.55E-03	1.62E+02	1.58E+02	5.23E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+00
HLF180S	1.72E-01	5.50E-02	2.87E-01	8.37E+01	1.48E+00	1.93E-06	1.14E-07	5.62E-03	1.37E-04	9.10E-01	2.81E-01	8.38E+01	1.54E-03	8.76E+01	8.21E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
HLF190S	1.48E-01	4.28E-02	2.80E-01	7.57E+01	1.48E+00	1.29E-06	1.12E-07	5.53E-03	1.40E-04	9.17E-01	2.75E-01	7.75E+01	2.05E-03	8.28E+01	7.77E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
HLF199S	1.49E-01	4.31E-02	3.11E-01	7.57E+01	1.47E+00	1.30E-06	1.15E-07	5.67E-03	1.40E-04	9.19E-01	2.91E-01	7.79E+01	1.97E-03	8.31E+01	7.77E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
HLF280S	2.04E-01	6.85E-02	5.73E-01	1.65E+02	2.77E+00	2.03E-06	2.71E-07	1.17E-02	2.70E-04	1.50E+00	6.41E-01	1.44E+02	3.65E-03	1.55E+02	1.42E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00
HLF290S	1.82E-01	6.96E-02	5.91E-01	1.29E+02	2.70E+00	1.39E-06	2.89E-07	1.09E-02	2.77E-04	1.53E+00	5.53E-01	1.25E+02	4.47E-03	1.31E+02	1.34E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+00
HLF299S	1.82E-01	6.97E-02	5.96E-01	1.30E+02	2.70E+00	1.39E-06	2.88E-07	1.09E-02	2.78E-04	1.51E+00	5.49E-01	1.24E+02	4.42E-03	1.31E+02	1.34E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+00
HLF380S	2.46E-01	8.16E-02	9.10E-01	1.66E+02	4.69E+00	2.09E-06	4.06E-07	1.33E-02	3.17E-04	3.47E+00	1.21E+00	1.56E+02	3.42E-03	1.62E+02	1.59E+02	5.29E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+00
HLF390S	2.42E-01	8.35E-02	8.46E-01	1.58E+02	4.70E+00	1.77E-06	4.06E-07	1.35E-02	3.16E-04	2.88E+00	1.22E+00	1.49E+02	3.62E-03	1.56E+02	1.54E+02	4.64E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+00
HLF399S	2.40E-01	8.35E-02	8.59E-01	1.59E+02	4.33E+00	1.76E-06	4.09E-07	1.34E-02	3.16E-04	2.87E+00	9.23E-01	1.50E+02	3.57E-03	1.57E+02	1.54E+02	4.69E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+00
HMB180	2.31E-01	7.01E-02	3.34E-01	8.96E+01	1.60E+00	2.61E-06	1.80E-07	7.04E-03	1.42E-04	1.37E+00	3.10E-01	9.62E+01	1.32E-03	9.89E+01	9.42E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
HMB190	2.27E-01	7.08E-02	3.45E-01	8.72E+01	1.77E+00	2.63E-06	1.82E-07	7.35E-03	1.45E-04	1.41E+00	3.92E-01	9.45E+01	1.88E-03	9.71E+01	9.19E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+00
HMB199	2.28E-01	7.17E-02	3.53E-01	8.72E+01	1.75E+00	2.62E-06	1.84E-07	7.39E-03	1.45E-04	1.42E+00	3.93E-01	9.48E+01	1.79E-03	9.74E+01	9.18E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
HMB280	3.33E-01	8.45E-02	5.70E-01	1.90E+02	2.72E+00	4.36E-06	3.15E-07	1.52E-02	2.89E-04	2.48E+00	5.43E-01	1.88E+02	2.47E-03	1.93E+02	1.95E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+00
HMB290	3.41E-01	9.66E-02	6.15E-01	1.89E+02	2.76E+00	4.56E-06	3.40E-07	1.51E-02	2.96E-04	2.53E+00	5.63E-01	1.88E+02	3.13E-03	1.93E+02	1.97E+02	3.07E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+00
HMB299	3.41E-01	9.66E-02	6.19E-01	1.91E+02	2.72E+00	4.55E-06	3.40E-07	1.50E-02	2.95E-04	2.53E+00	5.45E-01	1.88E+02	3.08E-03	1.93E+02	1.97E+02	3.08E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+00
HMB380	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
HMB480	7.05E-01	1.72E-01	1.22E+00	3.55E+02	6.63E+00	1.06E-05	7.11E-07	2.75E-02	5.68E-04	5.74E+00	2.08E+00	3.62E+02	3.16E-03	3.62E+02	3.69E+02	7.82E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+00
HMB490	7.09E-01	1.73E-01	1.25E+00	3.56E+02	6.63E+00	1.06E-05	7.16E-07	2.76E-02	5.89E-04	5.88E+00	2.08E+00	3.63E+02	3.49E-03	3.63E+02	3.71E+02	7.96E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00
HMB499	7.09E-01	1.73E-01	1.26E+00	3.56E+02	6.63E+00	1.06E-05	7.15E-07	2.76E-02	5.89E-04	5.86E+00	2.08E+00	3.63E+02	3.49E-03	3.63E+02	3.71E+02	7.94E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00
HMC180	1.78E-01	4.33E-02	3.44E-01	9.23E+01	1.67E+00	1.74E-06	1.85E-07	7.25E-03	1.52E-04	1.71E+00	5.80E-01	9.39E+01	7.63E-04	9.39E+01	9.62E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
HMC180T	2.37E-01	7.04E-02	3.35E-01	9.17E+01	1.74E+00	2.79E-06	1.82E-07	7.23E-03	1.44E-04	1.38E+00	3.91E-01	9.74E+01	1.32E-03	1.00E+02	9.55E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
HMC190	2.10E-01	6.00E-02	3.47E-01	8.33E+01	1.96E+00	2.09E-06	1.77E-07	7.08E-03	1.47E-04	1.40E+00	5.08E-01	9.03E+01	2.04E-03	9.43E+01	9.18E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
HMC190T	2.10E-01	5.97E-02	3.45E-01	8.33E+01	1.77E+00	2.09E-06	1.77E-07	7.06E-03	1.45E-04	1.40E+00	3.92E-01	9.05E+01	2.04E-03	9.42E+01	9.09E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
HMC199	2.11E-01	6.09E-02	3.53E-01	8.34E+01	1.75E+00	2.09E-06	1.79E-07	7.10E-03	1.45E-04	1.40E+00	3.93E-01	9.08E+01	1.95E-03	9.46E+01	9.08E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
HMC199T	2.11E-01	6.09E-02	3.52E-01	8.34E+01	1.73E+00	2.09E-06	1.79E-07	7.10E-03	1.45E-04	1.40E+00	3.15E-01	9.08E+01	1.95E-03	9.46E+01	9.08E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
HMC280	3.38E-01	8.46E-02	5.70E-01	2.02E+02	2.72E+00	4.46E-06	3.24E-07	1.53E-02	2.91E-04	2.54E+00	5.59E-01	1.96E+02	2.47E-03	2.02E+02	2.01E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
HMC280T	3.38E-01	8.47E-02	6.13E-01	2.02E+02	2.78E+00	4.46E-06	3.25E-07	1.55E-02	3.14E-04	2.61E+00	6.49E-01	1.96E+02	2.47E-03	2.02E+02	2.02E+02	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00
HMC290	3.21E-01	8.59E-02	6.10E-01	1.59E+02	2.72E+00	4.15E-06	3.21E-07	1.42E-02	2.92E-04	2.40E+00	5.45E-01	1.71E+02	3.93E-03	1.72E+02	1.88E+02	2.97E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+00
HMC290T	3.22E-01	8.66E-02	6.45E-01	1.60E+02	2.79E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.54E+00	6.53E-01	1.71E+02	3.95E-03	1.73E+02	1.89E+02	3.29E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
HMC299	3.22E-01	8.66E-02	6.47E-01	1.61E+02	2.79E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.53E+00	6.53E-01	1.71E+02	3.91E-03	1.73E+02	1.89E+02	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
HMC299T	3.22E-01	8.66E-02	6.47E-01	1.61E+02	2.78E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.53E+00	6.53E-01	1.71E+02	3.91E-03	1.73E+02	1.89E+02	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
HMC380	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
HMC390	5.30E-01	1.29E-01	8.56E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
HMC399	5.30E-01	1.29E-01	8.61E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.36E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.88E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
HMC480	7.05E-01	1.72E-01	1.22E+00	3.55E+02	6.63E+00	1.06E-05	7.11E-07	2.75E-02	5.68E-04	5.74E+00	2.08E+00	3.62E+02	3.16E-03	3.62E+02	3.69E+02	7.82E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+00
HMC490	7.09E-01	1.72E-01	1.11E+00	3.42E+02	6.53E+00	9.01E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMC499	7.09E-01	1.72E-01	1.12E+00	3.42E+02	6.53E+00	9.00E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMD180	2.37E-01	7.03E-02	3.31E-01	9.16E+01	1.60E+00	2.79E-06	1.83E-07	7.23E-03	1.44E-04	1.37E+00	2.93E-01	9.74E+01	1.31E-03	1.00E+02	9.54E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
HMD180T	2.37E-01	7.03E-02	3.34E-01	9.16E+01	1.72E+00	2.79E-06	1.82E-07	7.23E-03	1.44E-04	1.38E+00	3.14E-01	9.74E+01	1.32E-03	1.00E+02	9.54E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
HMD190	2.33E-01	7.09E-02	3.44E-01	8.92E+01	1.63E+00	2.79E-06	1.83E-07	7.38E-03	1.47E-04	1.40E+00	3.11E-01	9.57E+01	1.88E-03	9.81E+01	9.31E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
HMD190T	2.33E-01	7.09E-02	3.44E-01	8.92E+01	1.75E+00	2.79E-06	1.83E-07	7.38E-03	1.47E-04	1.40E+00	3.14E-01	9.57E+01	1.88E-03	9.81E+01	9.31E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
HMD199	2.34E-01	7.21E-02	3.55E-01	8.92E+01	1.98E+00	2.79E-06	1.85E-07	7.44E-03	1.49E-04	1.42E+00	5.07E-01	9.59E+01	1.80E-03	9.86E+01	9.39E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+00
HMD199T	2.34E-01	7.17E-02	3.53E-01	8.92E+01	1.75E+00	2.79E-06	1.85E-07	7.42E-03	1.46E-04	1.42E+00	3.93E-01	9.60E+01	1.80E-03	9.84E+01	9.29E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
HMD280	3.38E-01	8.47E-02	6.13E-01	2.02E+02	2.78E+00	4.47E-06	3.25E-07	1.55E-02	3.13E-04	2.59E+00	6.49E-01	1.96E+02	2.47E-03	2.02E+02	2.01E+02	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00
HMD280T	3.38E-01	8.47E-02	6.13E-01	2.02E+02	2.72E+00	4.47E-06	3.25E-07	1.55E-02	3.13E-04	2.59E+00	5.59E-01	1.96E+02	2.47E-03	2.01E+02	2.01E+02	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00
HMD290	3.41E-01	9.64E-02	6.15E-01	1.96E+02	2.72E+00	4.65E-06	3.40E-07	1.51E-02	2.96E-04	2.52E+00	5.45E-01	1.92E+02	3.11E-03	1.97E+02	1.99E+02	3.06E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+00
HMD290T	3.42E-01	9.70E-02	6.53E-01	1.98E+02	2.47E+00	4.65E-06	3.42E-07	1.53E-02	3.16E-04	2.60E+00	6.86E-01	1.93E+02	3.14E-03	1.98E+02	2.01E+02	3.43E+00	0.00E+00	0.00E+00	0.00E+00	3.87E+00
HMD299	3.47E-01	9.96E-02	6.56E-01	1.96E+02	2.80E+00	4.65E-06	3.45E-07	1.53E-02	3.16E-04	2.61E+00	6.61E-01	1.90E+02	3.09E-03	1.95E+02	1.97E+02	3.45E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+00
HMD299T	3.41E-01	9.67E-02	6.48E-01	1.99E+02	2.80E+00	4.64E-06	3.42E-07	1.52E-02	3.15E-04	2.61E+00	6.52E-01	1.92E+02	3.09E-03	1.97E+02	2.00E+02	3.41E+00	0.00E+00	0.00E+00	0.00E+00	3.87E+00
HMD380T	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
HMD390T	5.30E-01	1.30E-01	1.02E+00	2.71E+02	4.90E+00	7.63E-06	5.52E-07	2.17E-02	4.61E-04	4.98E+00	1.52E+00	2.76E+02	2.61E-03	2.76E+02	2.83E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+00
HMD399T	5.30E-01	1.30E-01	1.02E+00	2.72E+02	4.90E+00	7.63E-06	5.52E-07	2.16E-02	4.61E-04	4.94E+00	1.52E+00	2.77E+02	2.60E-03	2.77E+02	2.83E+02	6.46E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+00
HMF180	2.37E-01	7.04E-02	3.31E-01	9.17E+01	1.60E+00	2.79E-06	1.83E-07	7.23E-03	1.44E-04	1.37E+00	2.93E-01	9.74E+01	1.31E-03	1.00E+02	9.55E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00

HMF180T	2.74E-02	2.49E+00	4.05E-04	2.49E+00	3.12E-06	0.00E+00	7.86E+02	4.37E-04	1.68E-03	1.88E-02	2.11E-03	1.39E+01	1.44E-08	3.20E-07	3.07E+01	1.29E+00	2.86E-03	1.78E-01	4.33E-02	3.44E-01	9.25E+01	1.67E+00	1.74E-06	1.85E-07	7.23E-03	1.52E-04	1.70E+00	5.80E-01	9.41E+01	7.63E-04	9.41E+01	9.64E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
HMF190	2.49E-02	2.56E+00	8.15E-03	2.53E+00	2.81E-06	0.00E+00	1.14E+03	4.82E-04	1.44E-03	1.68E-02	2.05E-03	1.44E+01	2.59E-08	3.67E-07	3.82E+01	1.42E+00	2.84E-03	2.10E-01	5.97E-02	3.46E-01	8.33E+01	1.77E+00	2.09E-06	1.77E-07	7.06E-03	1.46E-04	1.40E+00	4.79E-01	9.05E+01	2.04E-03	9.42E+01	9.08E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
HMF190T	2.64E-02	2.35E+00	3.24E-04	2.34E+00	3.12E-06	0.00E+00	7.92E+02	4.43E-04	1.57E-03	1.73E-02	2.15E-03	1.40E+01	3.24E-08	3.20E-07	3.05E+01	1.31E+00	2.91E-03	1.79E-01	4.34E-02	3.04E-01	8.79E+01	1.69E+00	1.74E-06	1.77E-07	6.85E-03	1.46E-04	1.18E+00	5.96E-01	8.96E+01	8.44E-04	8.96E+01	9.14E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
HMF199	2.52E-02	2.53E+00	8.04E-03	2.50E+00	2.58E-06	0.00E+00	1.02E+03	4.87E-04	1.44E-03	1.68E-02	2.03E-03	1.43E+01	2.60E-08	3.68E-07	3.78E+01	1.42E+00	2.81E-03	2.11E-01	6.09E-02	3.49E-01	8.33E+01	1.61E+00	2.09E-06	1.79E-07	7.10E-03	1.45E-04	1.40E+00	3.12E-01	9.08E+01	1.94E-03	9.46E+01	9.08E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
HMF199T	2.53E-02	2.53E+00	8.01E-03	2.50E+00	2.77E-06	0.00E+00	1.02E+03	4.89E-04	1.44E-03	1.68E-02	2.04E-03	1.43E+01	2.60E-08	3.69E-07	3.82E+01	1.43E+00	2.83E-03	2.11E-01	6.09E-02	3.52E-01	8.34E+01	1.73E+00	2.09E-06	1.79E-07	7.10E-03	1.45E-04	1.40E+00	3.15E-01	9.08E+01	1.95E-03	9.46E+01	9.08E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
HMF280	4.98E-02	4.50E+00	1.52E-02	4.09E+00	4.02E-06	0.00E+00	1.67E+03	7.92E-04	3.36E-03	3.78E-02	4.69E-03	2.52E+01	2.88E-08	5.93E-07	6.24E+01	2.35E+00	6.66E-03	3.38E-01	8.47E-02	6.13E-01	2.02E+02	2.79E+00	4.46E-06	3.25E-07	1.55E-02	3.14E-04	2.61E+00	6.49E-01	1.96E+02	2.47E-03	2.02E+02	2.02E+02	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00
HMF280T	5.45E-02	5.02E+00	2.74E-02	4.99E+00	4.70E-06	0.00E+00	1.58E+03	8.73E-04	3.31E-03	3.70E-02	4.02E-03	2.79E+01	2.57E-08	6.39E-07	6.00E+01	2.58E+00	5.45E-03	3.52E-01	8.62E-02	6.40E-01	1.81E+02	3.31E+00	4.68E-06	3.65E-07	1.43E-02	2.82E-04	3.30E+00	8.22E-01	1.85E+02	1.56E-03	1.85E+02	1.89E+02	4.12E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
HMF290	4.96E-02	4.26E+00	1.96E-02	3.95E+00	3.85E-06	0.00E+00	1.03E+03	7.47E-04	3.22E-03	3.59E-02	4.51E-03	2.47E+01	2.93E-08	5.89E-07	6.40E+01	2.25E+00	6.47E-03	3.22E-01	8.66E-02	6.45E-01	1.60E+02	2.72E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.54E+00	5.61E-01	1.71E+02	3.95E-03	1.72E+02	1.89E+02	3.29E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
HMF290T	4.96E-02	4.28E+00	1.97E-02	3.96E+00	3.94E-06	0.00E+00	1.89E+03	7.47E-04	3.28E-03	3.65E-02	4.51E-03	2.47E+01	3.27E-08	5.89E-07	6.41E+01	2.25E+00	6.47E-03	3.22E-01	8.68E-02	6.48E-01	1.60E+02	2.44E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.54E+00	6.86E-01	1.72E+02	3.96E-03	1.73E+02	1.90E+02	3.32E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+00
HMF299	5.06E-02	4.28E+00	2.06E-02	3.97E+00	4.09E-06	0.00E+00	1.89E+03	7.65E-04	3.28E-03	3.66E-02	4.55E-03	2.50E+01	3.26E-08	5.93E-07	6.49E+01	2.31E+00	6.50E-03	3.31E-01	8.97E-02	6.56E-01	1.59E+02	2.44E+00	4.15E-06	3.27E-07	1.44E-02	3.11E-04	2.53E+00	7.63E-01	1.69E+02	3.92E-03	1.70E+02	1.87E+02	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+00
HMF299T	4.97E-02	4.26E+00	2.05E-02	3.95E+00	3.84E-06	0.00E+00	1.04E+03	7.47E-04	3.23E-03	3.60E-02	4.51E-03	2.48E+01	2.94E-08	5.89E-07	6.46E+01	2.25E+00	6.47E-03	3.22E-01	8.66E-02	6.47E-01	1.61E+02	2.77E+00	4.15E-06	3.23E-07	1.44E-02	3.11E-04	2.53E+00	6.52E-01	1.71E+02	3.91E-03	1.73E+02	1.89E+02	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
HMF380	8.19E-02	7.55E+00	1.96E-02	7.53E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.99E-03	5.58E-02	6.15E-03	4.18E+01	4.12E-08	9.57E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.92E-01	2.71E+02	4.90E+00	7.62E-06	5.48E-07	2.15E-02	4.45E-04	4.85E+00	1.52E+00	2.76E+02	2.36E-03	2.76E+02	2.82E+02	6.37E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF380T	8.19E-02	7.55E+00	1.96E-02	7.53E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.99E-03	5.58E-02	6.15E-03	4.18E+01	4.12E-08	9.58E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.93E-01	2.71E+02	4.90E+00	7.62E-06	5.48E-07	2.15E-02	4.45E-04	4.85E+00	1.52E+00	2.76E+02	2.36E-03	2.76E+02	2.82E+02	6.37E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF390	7.85E-02	6.96E+00	2.04E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.59E-03	5.06E-02	6.14E-03	4.21E+01	4.09E-08	9.58E-07	8.89E+01	3.92E+00	8.31E-03	5.30E-01	1.29E-01	8.56E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
HMF399T	7.85E-02	6.99E+00	2.09E-02	6.97E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.60E-03	5.08E-02	6.16E-03	4.21E+01	5.91E-08	9.57E-07	8.86E+01	3.92E+00	8.35E-03	5.30E-01	1.29E-01	8.65E-01	2.57E+02	4.90E+00	6.59E-06	5.23E-07	2.02E-02	4.23E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF480	1.09E-01	1.01E+01	2.24E-02	1.01E+01	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.67E-03	7.45E-02	8.24E-03	5.57E+01	5.55E-08	1.28E-06	1.19E+02	5.16E+00	1.11E-02	7.05E-01	1.72E-01	1.30E+00	3.62E+02	6.63E+00	1.06E-05	7.30E-07	2.87E-02	5.74E-04	6.43E+00	2.08E+00	3.69E+02	3.16E-03	3.69E+02	3.78E+02	8.51E+00	0.00E+00	0.00E+00	0.00E+00	7.41E+00
HMF490	1.05E-01	9.31E+00	2.31E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.62E+01	5.52E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.11E+00	3.42E+02	6.53E+00	9.01E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMF499	1.05E-01	9.31E+00	2.29E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.61E+01	5.56E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.12E+00	3.42E+02	6.53E+00	9.00E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMX110	1.48E-02	1.89E+00	-2.02E-02	1.91E+00	2.97E-06	0.00E+00	8.57E+02	1.52E-04	1.50E-03	1.63E-02	1.76E-03	5.89E+00	1.67E-08	1.53E-07	1.30E+01	4.27E-01	2.38E-03	8.37E-02	2.11E-02	3.04E-01	6.20E+01	1.86E+00	1.68E-06	1.13E-07	5.52E-03	1.30E-04	1.29E+00	5.45E-01	6.38E+01	6.21E-04	6.38E+01	6.57E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-01
HMX116	1.35E-02	2.23E+00	-4.41E-03	2.30E+00	2.54E-06	0.00E+00	1.22E+03	2.84E-04	1.41E-03	1.57E-02	1.59E-03	8.63E+00	2.16E-08	2.27E-07	2.04E+01	7.99E-01	2.30E-03	1.72E-01	5.24E-02	2.41E-01	8.18E+01	1.57E+00	1.98E-06	1.01E-07	5.74E-03	1.38E-04	8.57E-01	3.11E-01	8.25E+01	1.25E-03	8.62E+01	7.96E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
HMX120	1.36E-02	2.22E+00	-3.51E-03	2.27E+00	2.44E-06	0.00E+00	1.22E+03	2.62E-04	1.37E-03	1.52E-02	1.59E-03	8.00E+00	2.41E-08	2.03E-07	1.96E+01	7.73E-01	2.30E-03	1.66E-01	5.11E-02	2.57E-01	8.12E+01	1.44E+00	1.89E-06	1.00E-07	5.62E-03	1.37E-04	8.02E-01	3.07E-01	8.21E+01	1.51E-03	8.61E+01	8.07E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
HMX125	1.45E-02	2.29E+00	-6.71E-03	2.36E+00	2.52E-06	0.00E+00	1.05E+03	2.62E-04	1.60E-03	1.81E-02	1.67E-03	7.93E+00	2.64E-08	2.08E-07	1.96E+01	7.85E-01	2.43E-03	1.66E-01	5.11E-02	3.05E-01	8.12E+01	1.97E+00	1.89E-06	1.14E-07	5.68E-03	1.38E-04	8.14E-01	4.91E-01	8.21E+01	1.51E-03	8.61E+01	8.13E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
HMX132	1.41E-02	2.26E+00	-6.54E-03	2.34E+00	2.48E-06	0.00E+00	1.24E+03	2.62E-04	1.37E-03	1.53E-02	1.64E-03	7.93E+00	2.43E-08	2.06E-07	1.96E+01	7.86E-01	2.38E-03	1.66E-01	5.11E-02	3.04E-01	8.13E+01	1.66E+00	1.88E-06	1.12E-07	5.63E-03	1.37E-04	8.09E-01	4.70E-01	8.21E+01	1.51E-03	8.61E+01	8.13E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
HMX150	1.64E-02	2.26E+00	-5.08E-03	2.34E+00	2.38E-06	0.00E+00	1.20E+03	3.11E-04	1.38E-03	1.53E-02	1.67E-03	8.80E+00	2.55E-08	2.26E-07	1.99E+01	8.54E-01	2.46E-03	1.66E-01	5.48E-02	3.07E-01	8.17E+01	1.50E+00	1.86E-06	1.19E-07	5.62E-03	1.37E-04	9.35E-01	3.07E-01	8.26E+01	1.57E-03	8.66E+01	8.13E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
HMX163	1.68E-02	2.31E+00	-1.16E-02	2.40E+00	2.63E-06	0.00E+00	1.06E+03	3.14E-04	1.60E-03	1.80E-02	1.68E-03	9.11E+00	2.84E-08	2.28E-07	2.07E+01	8.66E-01	2.50E-03	1.67E-01	5.60E-02	3.10E-01	8.19E+01	1.98E+00	1.86E-06	1.19E-07	5.65E-03	1.38E-04	9.37E-01	5.66E-01	8.27E+01	1.58E-03	8.68E+01	8.21E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
HMX216	3.18E-02	3.86E+00	-5.39E-03	3.54E+00	2.85E-06	0.00E+00	1.26E+03	4.06E-04	2.84E-03	2.97E-02	4.42E-03	1.34E+01	2.61E-08	3.37E-07	3.16E+01	1.12E+00	6.90E-03	2.13E-01	6.92E-02	5.67E-01	1.66E+02	2.80E+00	2.23E-06	2.33E-07	1.17E-02	2.80E-04	1.24E+00	6.39E-01	1.47E+02	3.48E-03	1.57E+02	1.46E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00
HMX220	3.16E-02	3.75E+00	-5.06E-03	3.54E+00	2.83E-06	0.00E+00	1.45E+03	3.13E-04	2.84E-03	2.99E-02	4.43E-03	9.33E+00	3.25E-08	2.65E-07	2.10E+01	8.53E-01	6.91E-03	2.10E-01	6.92E-02	5.69E-01	1.58E+02	2.50E+00	1.97E-06	2.29E-07	1.16E-02	2.78E-04	1.16E+00	7.41E-01	1.42E+02	3.62E-03	1.52E+02	1.42E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
HMX225	3.17E-02	3.72E+00	-2.23E-03	3.50E+00	2.65E-06	0.00E+00	1.17E+03	2.70E-04	2.78E-03	2.88E-02	4.38E-03	8.16E+00	2.81E-08	2.30E-07	2.00E+01	7.91E-01	6.83E-03	2.04E-01	6.89E-02	5.60E-01	1.57E+02	2.77E+00	1.95E-06	2.28E-07	1.16E-02	2.79E-04	1.12E+00	5.52E-01	1.42E+02	3.61E-03	1.52E+02	1.42E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00
HMX232	3.17E-02	3.72E+00	-4.18E-03	3.50E+00	2.71E-06	0.00E+00	1.28E+03	3.82E-04	2.78E-03	2.89E-02	4.44E-03	1.25E+01	2.88E-08	3.22E-07	2.89E+01	1.01E+00	6.90E-03	2.04E-01	6.90E-02	5.65E-01	1.56E+02	2.80E+00	1.94E-06	2.28E-07	1.16E-02	2.77E-04	1.19E+00	6.37E-01	1.40E+02	3.62E-03	1.50E+02	1.40E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
HMX240	3.17E-02	3.72E+00	-1.50E-04	3.50E+00	2.66E-06	0.00E+00	1.06E+03	3.77E-04	2.78E-03	2.88E-02	4.35E-03	1.24E+01	2.86E-08	3.26E-07	2.87E+01	1.00E+00	6.80E-03	2.03E-01	6.91E-02	5.60E-01	1.56E+02	2.73E+00	1.94E-06	2.29E-07	1.16E-02	2.78E-04	1.17E+00	5.51E-01	1.40E+02	3.59E-03	1.50E+02	1.40E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
HMX250	3.15E-02	3.64E+00	-3.99E-03	3.47E+00	2.69E-06	0.00E+00	1.05E+03	3.77E-04	2.78E-03	2.89E-02	4.47E-03	1.19E+01	3.01E-08	3.25E-07	2.71E+01	1.00E+00	7.01E-03	2.19E-01	6.83E-02	5.76E-01	1.75E+02	2.77E+00	1.94E-06	2.28E-07	1.15E-02	2.78E-04	1.15E+00	5.83E-01	1.62E+02	3.65E-03	1.71E+02	1.67E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+00
HMX263	3.22E-02	3.63E+00	-2.46E-03	3.46E+00	2.70E-06	0.00E+00	1.04E+03	3.94E-04	2.76E-03	2.86E-02	4.42E-03	1.22E+01	2.95E-08	3.37E-07	2.76E+01	1.03E+00	6.90E-03	1.96E-01	6.90E-02	5.67E-01	1.56E+02	2.73E+00	1.93E-06	2.33E-07	1.15E-02	2.78E-04	1.14E+00	5.34E-01	1.39E+02	3.64E-03	1.50E+02	1.39E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
HMX310	4.66E-02	3.78E+00	-7.37E-03	3.53E+00	3.09E-06	0.00E+00	1.49E+03	4.00E-04	3.11E-03	3.28E-02	4.74E-03	2.50E+01	3.28E-08	4.13E-07	3.48E+01	1.12E+00	7.31E-03	2.49E-01	7.07E-02	8.72E-01	1.64E+02	4.56E+00	2.25E-06	3.53E-07	1.35E-02	3.18E-04	2.96E+00	1.06E+00	1.52E+02	3.09E-03	1.59E+02	1.58E+02	5.07E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00
HMX316	4.82E-02	4.58E+00	-1.70E-02	4.45E+00	3.29E-06	0.00E+00	1.69E+03	4.37E-04	3.42E-03	3.61E-02	4.72E-03	2.65E+01	6.14E-08	4.49E-07	3.76E+01	1.22E+00	7.57E-03	2.62E-01	7.31E-02	9.00E-01	1.73E+02	4.70E+00	2.54E-06	3.58E-07	1.38E-02	3.25E-04	3.31E+00	2.10E+00	1.59E+02	3.18E-03	1.67E+02	1.65E+02	5.48E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+00
HMX320	4.63E-02	3.69E+00	-6.56E-03	3.53E+00	2.97E-06	0.00E+00	1.51E+03	3.67E-04	3.09E-03	3.23E-02	4.73E-03	2.40E+01	3.55E-08	3.96E-07	3.26E+01	9.78E-01	7.31E-03	2.41E-01	7.11E-02	8.71E-01	1.59E+02	4.56E+00	2.03E-06	3.49E-07	1.34E-02	3.13E-04	2.91E+00	1.08E+00	1.50E+02	3.31E-03	1.58E+02	1.56E+02	5.07E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00
HMX325	4.64E-02	4.38E+00	-9.62E-03	4.34E+00	2.98E-06	0.00E+00	1.70E+03	3.78E-04	3.25E-03	3.40E-02	4.75E-03	2.41E+01	3.74E-08	4.07E-07	3.28E+01	1.02E+00	7.32E-03	2.42E-01	7.15E-02	8.71E-01	1.59E+02	4.69E+00	2.03E-06	3.49E-07	1.34E-02	3.13E-04	3.04E+00	1.21E+00	1.50E+02	3.34E-03	1.58E+02	1.55E+02	5.09E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+00
HMX332	4.64E-02	4.39E+00	-9.36E-03	4.33E+00	2.98E-06	0.00E+00	1.69E+03	3.94E-04	3.25E-03	3.40E-02	4.75E-03	2.43E+01	4.58E-08	4.24E-07	3.34E+01	1.07E+00	7.32E-03	2.45E-01	7.19E-02	8.42E-01	1.59E+02	4.69E+00	2.02E-06	3.48E-07	1.34E-02	3.10E-04	3.03E+00	1.24E+00	1.50E+02	3.36E-03	1.57E+02	1.55E+02	4.92E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
HMX340	4.65E-02	3.67E+00	-5.56E-03	3.51E+00	2.90E-06	0.00E+00	1.50E+03	3.91E-04	3.08E-03	3.23E-02	4.76E-03	2.48E+01	3.55E-08	4.26E-07	3.43E+01	1.06E+00	7.31E-03	2.41E-01	7.22E-02	8.42E-01	1.59E+02	4.54E+00	2.00E-06	3.46E-07	1.34E-02	3.11E-04	3.05E+00	9.65E-01	1.50E+02	3.16E-03	1.57E+02	1.55E+02	4.90E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+00
HMX350	4.64E-02	3.63E+00	-1.44E-02	3.48E+00	2.95E-06	0.00E+00	1.51E+03	3.92E-04	3.08E-03	3.24E-02	4.76E-03	2.50E+01	3.62E-08	4.28E-07	3.28E+01	1.07E+00	7.31E-03	2.42E-01	7.22E-02	8.44E-01	1.60E+02	4.55E+00	2.01E-06	3.49E-07	1.32E-02	3.08E-04	3.07E+00	1.08E+00	1.52E+02	3.35E-03	1.59E+02	1.56E+02	4.91E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+00
HMX363	6.08E-02	3.56E+00	-6.00E-03	3.43E+00	2.80E-06	0.00E+00	1.05E+03	5.18E-04	3.02E-03	3.09E-02	4.75E-03	2.81E+01	3.37E-08	5.86E-07	4.39E+01	1.45E+00	7.30E-03	2.41E-01	8.20E-02	8.50E-01	1.58E+02	4.27E+00	1.99E-06	4.04E-07	1.32E-02	3.10E-04	3.29E+00	8.52E-01	1.49E+02	3.37E-03	1.56E+02	1.55E+02	4.93E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+00
MA100Z	8.32E-03	8.68E-01	-7.93E-03	8.78E-01	1.91E-07	0.00E+00	4.02E+02	4.85E-05	5.58E-04	5.90E-03	1.05E-03	2.09E+00	1.10E-08	6.55E-08	4.65E+00	1.62E-01	1.43E-03	4.99E-02	1.23E-02	1.64E-01	3.73E+01	8.23E-01	1.42E-07	5.12E-08	2.40E-03	5.42E-05	2.75E-01	2.23E-01	3.85E+01	2.31E-03	3.84E+01	3.84E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MA101Z	8.27E-03	8.70E-01	-7.96E-03	8.81E-01	1.91E-07	0.00E+00	4.08E+02	4.84E-05	5.56E-04	5.89E-03	1.07E-03	2.11E+00	1.10E-08	6.59E-08	4.68E+00	1.50E-01	1.44E-03	4.99E-02	1.23E-02	1.64E-01	3.71E+01	8.28E-01	1.43E-07	5.06E-08	2.40E-03	5.38E-05	2.50E-01	2.23E-01	3.82E+01	2.31E-03	3.82E+01	3.81E+01	4.77E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
MA102Z	8.28E-03	8.66E-01	-8.17E-03	8.77E-01	1.79E-07	0.00E+00	4.08E+02	4.81E-05	5.54E-04	5.88E-03	1.06E-03	2.11E+00	1.10E-08	6.61E-08	4.61E+00	1.48E-01	1.43E-03	4.99E-02	1.22E-02	1.65E-01	3.72E+01	8.17E-01	1.43E-07	5.06E-08	2.40E-03	5.29E-05	2.66E-01	2.23E-01	3.82E+01	2.28E-03	3.82E+01	3.81E+01	4.88E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MA103Z	8.29E-03	8.67E-01	-8.32E-03	8.77E-01	1.79E-07	0.00E+00	4.06E+02	4.86E-05	5.54E-04	5.90E-03	1.06E-03	2.11E+00	1.10E-08	6.51E-08	4.59E+00	1.46E-01	1.43E-03	4.95E-02	1.22E-02	1.64E-01	3.73E+01	8.17E-01	1.43E-07	5.07E-08	2.40E-03	5.29E-05	2.65E-01	2.23E-01	3.83E+01	2.29E-03	3.82E+01	3.84E+01	4.88E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
MA104Z	7.86E-03	8.67E-01	-8.23E-03	8.78E-01	1.83E-07	0.00E+00	4.06E+02	4.82E-05	5.53E-04	5.84E-03	1.01E-03	2.04E+00	1.10E-08	6.52E-08	4.39E+00	1.44E-01	1.37E-03	4.98E-02	1.19E-02	1.64E-01	3.74E+01	8.20E-01	1.43E-07	4.97E-08	2.39E-03	5.31E-05	2.59E-01	2.22E-01	3.86E+01	2.31E-03	3.86E+01	3.89E+01	4.86E-01	0.00E+00	0.00E+00	0.00E+00	4.99E-01
MA106Z	6.28E-03	8.51E-01	-9.52E-03	8.63E-01	3.58E-07	0.00E+00	6.95E+02	2.57E-05	5.10E-04	5.49E-03	8.92E-04	1.29E+00	1.02E-08	3.48E-08	2.69E+00	5.12E-02	1.23E-03	4.96E-02	1.09E-02	1.10E-01	3.66E+01	9.47E-01	1.25E-07	4.12E-08	2.06E-03	4.27E-05	1.45E-01	2.10E-01	3.77E+01	1.03E-04	3.77E+01	3.82E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-01
MA110Z	6.38E-03	8.57E-01	-9.43E-03	8.68E-01	2.83E-07	0.00E+00	6.92E+02	2.56E-05	5.13E-04	5.50E-03	9.09E-04	1.31E+00	1.02E-08	3.40E-08	2.64E+00	5.10E-02	1.23E-03	5.12E-02	9.48E-03	1.14E-01	3.66E+01	9.50E-01	1.25E-07	4.08E-08	2.08E-03	4.25E-05	1.48E-01	2.11E-01	3.75E+01	1.01E-04	3.75E+01	3.80E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
MA116Z	6.64E-03	8.60E-01	-9.39E-03	8.71E-01	2.83E-07	0.00E+00	6.91E+02	2.56E-05	5.15E-04	5.53E-03	9.45E-04	1.45E+00	1.02E-08	3.68E-08	3.13E+00	5.10E-02	1.24E-03	5.19E-02	9.82E-03	1.15E-01	3.66E+01	9.51E-01	1.25E-07	4.30E-08	2.11E-03	4.26E-05	1.53E-01	2.12E-01	3.76E+01	1.06E-04	3.76E+01	3.81E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
MA120Z	6.81E-03	8.65E-01	-9.04E-03	8.73E-01	2.88E-07	0.00E+00	6.92E+02	4.10E-05	5.28E-04	5.65E-03	9.54E-04	1.58E+00	4.63E-08	3.95E-08	3.75E+00	7.07E-02	1.27E-03	4.95E-02	1.01E-02	1.19E-01	3.70E+01	9.51E-01	1.26E-07	4.43E-08	2.16E-03	4.35E-05	1.58E-01	2.12E-01	3.78E+01	1.13E-04	3.78E+01	3.84E+01	3.76E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
MA125Z	7.17E-03	8.70E-01	-8.77E-03	8.77E-01	1.57E-07	0.00E+00	6.97E+02	3.18E-05	5.34E-04	5.73E-03	9.47E-04	1.75E+00	1.04E-08	4.93E-08	3.94E+00	6.36E-02	1.29E-03	4.97E-02	1.04E-02	1.19E-01	3.72E+01	9.45E-01	1.26E-07	4.70E-08	2.23E-03	4.52E-05	1.67E-01	2.12E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MA132Z	9.62E-03	9.49E-01	-3.35E-03	9.17E-01	1.51E-07	0.00E+00	3.65E+02	1.49E-04	7.89E-04	8.12E-03	1.05E-03	3.44E+00	1.64E-07	9.57E-08	7.28E+00	3.93E-01	1.43E-03	5.11E-02	1.36E-02	1.87E-01	3.19E+01	7.19E-01	1.46E-07	6.10E-08	2.67E-03	5.26E-05	3.49E-01	2.37E-01	3.28E+01	2.21E-03	3.28E+01	3.36E+01	5.88E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MA140Z	9.69E-03	9.52E-01	-3.38E-03	9.23E-01	1.54E-07	0.00E+00	3.68E+02	1.49E-04	7.61E-04	8.02E-03	1.06E-03	3.35E+00	1.64E-07	9.60E-08	7.09E+00	3.96E-01	1.43E-03	5.13E-02	1.38E-02	1.92E-01	3.20E+01	7.19E-01	1.46E-07	6.11E-08	2.66E-03	5.22E-05	3.45E-01	2.37E-01	3.27E+01	2.30E-03	3.27E+01	3.36E+01	5.86E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
MA150Z	1.25E-02	1.00E+00	4.90E-03	9.70E-01	2.17E-07	0.00E+00	3.86E+02	1.49E-04	8.27E-04	8.74E-03	1.10E-03	4.77E+00	1.35E-08	1.19E-07	1.03E+01	5.09E-01	1.48E-03	4.86E-02	1.77E-02	2.08E-01	3.16E+01	7.26E-01	1.92E-07	8.36E-08	3.05E-03	7.48E-05	4.68E-01	2.60E-01	3.27E+01	2.55E-03	3.27E+01	3.39E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
MA163Z	1.29E-02	1.00E+00	5.14E-03	9.66E-01	2.52E-07	0.00E+00	3.86E+02	1.97E-04	8.23E-04	8.76E-03	1.10E-03	6.93E+00	1.36E-08	1.47E-07	1.56E+01	6.16E-01	1.48E-03	4.88E-02	1.85E-02	2.11E-01	3.15E+01	7.26E-01	1.92E-07	8.59E-08	3.06E-03	7.61E-05	5.22E-01	2.60E-01	3.27E+01	2.54E-03	3.27E+01	3.37E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	7.99E-01
MA200Z	1.68E-02	1.68E+00	-8.75E-03	1.70E+00	4.79E-07	0.00E+00	8.38E+02	6.52E-05	1.22E-03	1.21E-02	1.98E-03	2.20E+00	1.29E-08	8.35E-08	5.07E+00	2.24E-01	2.76E-03	9.67E-02	2.41E-02	3.24E-01	6.67E+01	1.54E+00	2.86E-07	1.10E-07	5.07E-03	1.28E-04	4.85E-01	2.52E-01	6.91E+01	3.57E-03	6.87E+01	7.06E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
MA201Z	1.67E-02	1.70E+00	-9.49E-03	1.70E+00	8.38E-07	0.00E+00	8.29E+02	6.42E-05	1.16E-03	1.23E-02	2.04E-03	2.25E+00	1.49E-08	8.40E-08	5.04E+00	2.23E-01	2.83E-03	9.76E-02	2.42E-02	3.28E-01	6.72E+01	1.73E+00	2.86E-07	1.09E-07	5.03E-03	1.29E-04	4.80E-01	3.52E-01	6.94E+01	3.94E-03	6.89E+01	7.07E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MA202Z	1.68E-02	1.69E+00	-9.60E-03	1.70E+00	8.33E-07	0.00E+00	8.29E+02	6.60E-05	1.16E-03	1.22E-02	2.03E-03	2.26E+00	1.49E-08	8.41E-08	5.05E+00	2.26E-01	2.82E-03	9.77E-02	2.43E-02	3.20E-01	6.73E+01	1.71E+00	2.86E-07	1.10E-07	5.05E-03	1.30E-04	4.83E-01	2.88E-01	6.97E+01	3.81E-03	6.93E+01	7.10E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MA203Z	1.68E-02	1.69E+00	-7.54E-03	1.70E+00	8.37E-07	0.00E+00	8.29E+02	1.35E-04	1.16E-03	1.22E-02	2.03E-03	3.57E+00	1.55E-08	1.14E-07	7.15E+00	3.54E-01	2.82E-03	9.76E-02	2.44E-02	3.26E-01	6.73E+01	1.71E+00	2.85E-07	1.10E-07	5.06E-03	1.30E-04	5.99E-01	2.88E-01	6.97E+01	3.81E-03	6.93E+01	7.10E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MA204Z	1.67E-02	1.68E+00	-8.08E-03	1.69E+00	8.14E-07	0.00E+00	8.28E+02	9.56E-05	1.16E-03	1.22E-02	2.03E-03	3.41E+00	1.49E-08	1.13E-07	7.00E+00	2.57E-01	2.82E-03	9.78E-02	2.43E-02	3.19E-01	6.72E+01	1.52E+00	2.84E-07	1.10E-07	5.03E-03	1.29E-04	5.78E-01	2.73E-01	6.97E+01	3.73E-03	6.93E+01	7.09E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MA206Z	1.14E-02	1.59E+00	-1.64E-02	1.60E+00	4.08E-07	0.00E+00	1.31E+03	5.18E-05	9.96E-04	1.05E-02	1.76E-03	2.15E+00	1.18E-08	6.53E-08	4.52E+00	1.08E-01	2.39E-03	9.20E-02	1.59E-02	2.33E-01	6.93E+01	1.64E+00	2.50E-07	7.30E-08	4.03E-03	1.04E-04	2.75E-01	2.51E-01	7.14E+01	2.31E-04	7.11E+01	7.18E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-01
MA210Z	1.21E-02	1.64E+00	-1.59E-02	1.65E+00	4.09E-07	0.00E+00	1.36E+03	6.55E-05	1.01E-03	1.07E-02	1.79E-03	3.14E+00	1.19E-08	7.26E-08	6.59E+00	1.37E-01	2.46E-03	9.41E-02	1.67E-02	2.35E-01	7.08E+01	1.69E+00	2.51E-07	7.71E-08	4.11E-03	1.07E-04	3.10E-01	2.44E-01	7.27E+01	2.18E-04	7.23E+01	7.29E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	7.20E-01
MA216Z	1.29E-02	1.68E+00	-1.54E-02	1.69E+00	4.11E-07	0.00E+00	1.36E+03	6.50E-05	1.02E-03	1.08E-02	1.82E-03	3.26E+00	1.25E-08	7.68E-08	6.50E+00	1.37E-01	2.48E-03	9.57E-02	1.87E-02	2.40E-01	7.23E+01	1.69E+00	2.52E-07	8.11E-08	4.19E-03	1.07E-04	3.01E-01	2.64E-01	7.45E+01	2.25E-04	7.40E+01	7.43E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.89E-01
MA220Z	1.32E-02	1.68E+00	-1.40E-02	1.68E+00	4.06E-07	0.00E+00	1.36E+03	6.17E-05	1.02E-03	1.08E-02	1.82E-03	3.39E+00	1.26E-08	7.93E-08	6.85E+00	1.31E-01	2.48E-03	9.52E-02	1.91E-02	2.50E-01	7.24E+01	1.69E+00	2.54E-07	8.41E-08	4.22E-03	1.08E-04	3.16E-01	2.61E-01	7.45E+01	2.21E-04	7.41E+01	7.45E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MA225Z	1.46E-02	1.68E+00	-1.39E-02	1.69E+00	3.49E-07	0.00E+00	1.35E+03	5.77E-05	1.06E-03	1.12E-02	1.86E-03	3.65E+00	1.33E-08	9.40E-08	7.90E+00	1.20E-01	2.53E-03	9.51E-02	2.06E-02	2.60E-01	7.23E+01	1.70E+00	2.57E-07	9.14E-08	4.54E-03	1.08E-04	3.24E-01	2.53E-01	7.43E+01	2.73E-04	7.39E+01	7.40E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	9.59E-01
MA232Z	1.84E-02	1.66E+00	-4.54E-03	1.64E+00	5.22E-07	0.00E+00	7.27E+02	2.76E-04	1.16E-03	1.26E-02	2.04E-03	6.87E+00	3.16E-07	1.83E-07	1.48E+01	6.94E-01	2.79E-03	9.86E-02	2.63E-02	3.37E-01	6.25E+01	1.48E+00	2.92E-07	1.17E-07	5.10E-03	1.29E-04	6.96E-01	3.50E-01	6.41E+01	3.90E-03	6.38E+01	6.45E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MA240Z	1.91E-02	1.70E+00	-1.14E-02	1.70E+00	8.52E-07	0.00E+00	7.17E+02	2.86E-04	1.17E-03	1.27E-02	2.11E-03	6.95E+00	3.19E-07	1.91E-07	1.49E+01	7.48E-01	2.86E-03	9.87E-02	2.69E-02	3.46E-01	6.28E+01	1.54E+00	3.45E-07	1.21E-07	5.15E-03	1.30E-04	7.23E-01	4.47E-01	6.43E+01	3.90E-03	6.43E+01	6.54E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MA250Z	2.26E-02	1.70E+00	5.64E-03	1.70E+00	8.91E-07	0.00E+00	7.07E+02	2.69E-04	1.23E-03	1.33E-02	2.14E-03	8.04E+00	1.35E-08	2.28E-07	1.80E+01	7.70E-01	2.94E-03	9.72E-02	3.50E-02	3.73E-01	6.15E+01	1.32E+00	3.10E-07	1.46E-07	5.52E-03	1.48E-04	8.17E-01	2.55E-01	6.29E+01	3.80E-03	6.26E+01	6.39E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MA263Z	2.61E-02	1.71E+00	6.38E-03	1.71E+00	8.93E-07	0.00E+00	7.07E+02	2.86E-04	1.23E-03	1.33E-02	2.14E-03	1.14E+01	1.36E-08	2.75E-07	2.10E+01	8.11E-01	2.94E-03	9.80E-02	3.55E-02	3.83E-01	6.15E+01	1.32E+00	3.78E-07	1.62E-07	5.53E-03	1.50E-04	1.02E+00	2.67E-01	6.30E+01	3.80E-03	6.27E+01	6.40E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MA300Z	2.50E-02	2.51E+00	-8.98E-03	2.51E+00	1.90E-06	0.00E+00	8.58E+02	1.06E-04	1.62E-03	1.70E-02	3.14E-03	4.45E+00	1.70E-08	1.65E-07	8.95E+00	2.71E-01	4.24E-03	1.45E-01	3.50E-02	5.00E-01	1.03E+02	2.66E+00	3.98E-07	1.54E-07	7.38E-03	1.88E-04	6.79E-01	5.40E-01	1.05E+02	5.88E-03	1.04E+02	1.06E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MA301Z	2.51E-02	2.57E+00	-2.03E-02	2.59E+00	1.93E-06	0.00E+00	1.18E+03	9.68E-05	1.88E-03	2.02E-02	3.17E-03	3.90E+00	2.14E-08	1.45E-07	7.75E+00	2.68E-01	4.29E-03	1.46E-01	3.53E-02	5.30E-01	1.03E+02	2.36E+00	4.18E-07	1.61E-07	7.92E-03	2.13E-04	6.68E-01	6.02E-01	1.05E+02	6.17E-03	1.05E+02	1.06E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MA302Z	2.51E-02	2.57E+00	-2.02E-02	2.58E+00	1.95E-06	0.00E+00	1.18E+03	1.39E-04	1.89E-03	2.02E-02	3.17E-03	4.77E+00	2.21E-08	1.68E-07	9.01E+00	3.59E-01	4.28E-03	1.46E-01	3.54E-02	5.31E-01	1.03E+02	2.36E+00	4.19E-07	1.61E-07	7.92E-03	2.13E-04	7.41E-01	6.02E-01	1.05E+02	6.16E-03	1.05E+02	1.06E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MA303Z	2.50E-02	2.50E+00	-1.75E-02	2.51E+00	1.87E-06	0.00E+00	8.49E+02	2.10E-04	1.62E-03	1.71E-02	3.15E-03	8.39E+00	1.76E-08	2.01E-07	1.71E+01	5.53E-01	4.25E-03	1.44E-01	3.51E-02	4.98E-01	1.01E+02	2.66E+00	3.99E-07	1.52E-07	7.41E-03	1.89E-04	7.47E-01	5.66E-01	1.02E+02	5.88E-03	1.01E+02	1.03E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MA304Z	2.51E-02	2.51E+00	-7.13E-03	2.51E+00	1.87E-06	0.00E+00	8.49E+02	1.85E-04	1.62E-03	1.70E-02	3.14E-03	8.32E+00	1.76E-08	2.01E-07	1.70E+01	4.54E-01	4.24E-03	1.45E-01	3.49E-02	5.00E-01	1.01E+02	2.66E+00	3.99E-07	1.52E-07	7.38E-03	1.89E-04	7.39E-01	5.40E-01	1.02E+02	5.87E-03	1.02E+02	1.03E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MA306Z	1.75E-02	2.44E+00	-1.76E-02	2.46E+00	1.15E-06	0.00E+00	1.24E+03	6.55E-05	1.19E-03	1.29E-02	2.67E-03	3.28E+00	1.71E-08	8.87E-08	6.70E+00	1.53E-01	3.62E-03	1.40E-01	2.58E-02	3.46E-01	1.06E+02	3.10E+00	3.64E-07	1.10E-07	5.94E-03	1.55E-04	4.34E-01	4.49E-01	1.09E+02	3.16E-04	1.08E+02	1.10E+02	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MA310Z	1.78E-02	2.47E+00	-1.55E-02	2.48E+00	1.18E-06	0.00E+00	1.28E+03	6.81E-05	1.20E-03	1.29E-02	2.71E-03	3.99E+00	1.72E-08	1.03E-07	8.78E+00	1.51E-01	3.68E-03	1.40E-01	2.59E-02	3.48E-01	1.07E+02	3.05E+00	3.67E-07	1.09E-07	6.02E-03	1.58E-04	4.52E-01	4.49E-01	1.10E+02	3.44E-04	1.09E+02	1.11E+02	1.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MA316Z	1.96E-02	2.49E+00	-1.55E-02	2.49E+00	1.20E-06	0.00E+00	1.15E+03	7.10E-05	1.41E-03	1.50E-02	2.72E-03	4.03E+00	1.73E-08	1.11E-07	8.81E+00	1.50E-01	3.70E-03	1.40E-01	2.77E-02	3.66E-01	1.07E+02	3.05E+00	3.69E-07	1.24E-07	6.33E-03	1.60E-04	4.58E-01	4.49E-01	1.09E+02	3.59E-04	1.09E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MA320Z	2.02E-02	2.50E+00	-1.56E-02	2.50E+00	1.19E-06	0.00E+00	1.16E+03	7.02E-05	1.43E-03	1.52E-02	2.78E-03	4.42E+00	1.74E-08	1.19E-07	9.53E+00	1.48E-01	3.79E-03	1.41E-01	2.81E-02	3.73E-01	1.07E+02	3.13E+00	3.69E-07	1.27E-07	6.36E-03	1.60E-04	4.54E-01	4.85E-01	1.10E+02	3.65E-04	1.09E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MA325Z	2.13E-02	2.52E+00	-1.49E-02	2.52E+00	1.01E-06	0.00E+00	1.16E+03	7.07E-05	1.53E-03	1.61E-02	2.84E-03	5.41E+00	1.74E-08	1.31E-07	1.14E+01	1.49E-01	3.88E-03	1.42E-01	2.90E-02	3.85E-01	1.08E+02	3.05E+00	3.75E-07	1.36E-07	6.60E-03	1.61E-04	4.54E-01	4.63E-01	1.10E+02	3.94E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MA332Z	2.86E-02	2.48E+00	-7.92E-03	2.49E+00	2.07E-06	0.00E+00	1.06E+03	4.30E-04	1.73E-03	1.87E-02	3.13E-03	1.04E+01	4.78E-07	2.86E-07	2.24E+01	1.12E+00	4.23E-03	1.46E-01	4.00E-02	5.14E-01	9.23E+01	2.19E+00	4.41E-07	1.81E-07	7.62E-03	1.94E-04	1.07E+00	6.02E-01	9.45E+01	5.90E-03	9.44E+01	9.63E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MA340Z	2.91E-02	2.51E+00	-6.91E-03	2.52E+00	2.02E-06	0.00E+00	1.06E+03	4.32E-04	1.74E-03	1.89E-02	3.13E-03	1.05E+01	4.77E-07	2.87E-07	2.25E+01	1.12E+00	4.23E-03	1.46E-01	4.04E-02	5.22E-01	9.27E+01	2.20E+00	5.23E-07	1.82E-07	7.68E-03	1.96E-04	1.09E+00	6.02E-01	9.46E+01	5.84E-03	9.46E+01	9.65E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MA350Z	3.81E-02	2.62E+00	9.27E-03	2.55E+00	1.93E-06	0.00E+00	7.10E+02	4.45E-04	1.85E-03	2.00E-02	3.30E-03	1.79E+01	1.74E-08	4.12E-07	3.70E+01	1.28E+00	4.48E-03	1.43E-01	5.20E-02	6.12E-01	9.11E+01	2.43E+00	5.55E-07	2.49E-07	8.88E-03	2.53E-04	1.54E+00	4.84E-01	9.35E+01	6.46E-03	9.32E+01	9.56E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
MA363Z	3.85E-02	2.62E+00	9.45E-03	2.56E+00	1.93E-06	0.00E+00	7.10E+02	4.47E-04	1.86E-03	2.00E-02	3.31E-03	1.81E+01	1.75E-08	4.17E-07	3.78E+01	1.30E+00	4.49E-03	1.43E-01	5.26E-02	6.45E-01	9.11E+01	2.43E+00	5.71E-07	2.56E-07	8.91E-03	2.53E-04	1.58E+00	4.89E-01	9.35E+01	6.45E-03	9.32E+01	9.56E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MA400Z	3.14E-02	2.56E+00	-7.94E-03	2.55E+00	1.89E-06	0.00E+00	8.49E+02	1.46E-04	2.04E-03	2.15E-02	4.03E-03	5.14E+00	1.80E-08	1.61E-07	9.24E+00	3.77E-01	5.60E-03	1.74E-01	3.93E-02	6.22E-01	1.20E+02	2.65E+00	5.14E-07	1.96E-07	1.01E-02	2.59E-04	8.49E-01	6.18E-01	1.23E+02	6.44E-03	1.22E+02	1.29E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MA401Z	3.24E-02	3.33E+00	-2.93E-02	3.33E+00	2.26E-06	0.00E+00	1.39E+03	1.44E-04	2.25E-03	2.44E-02	4.09E-03	5.40E+00	2.52E-08	1.68E-07	9.33E+00	3.69E-01	5.67E-03	1.94E-01	4.59E-02	6.32E-01	1.17E+02	2.95E+00	5.60E-07	2.03E-07	1.02E-02	2.59E-04	9.80E-01	9.03E-01	1.18E+02	6.60E-03	1.19E+02	1.24E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MA402Z	3.23E-02	3.34E+00	-2.93E-02	3.34E+00	2.26E-06	0.00E+00	1.39E+03	1.59E-04	2.26E-03	2.45E-02	4.12E-03	5.88E+00	2.62E-08	1.71E-07	1.09E+01	4.08E-01	5.70E-03	1.94E-01	4.59E-02	6.33E-01	1.17E+02	2.96E+00	5.60E-07	2.03E-07	1.02E-02	2.59E-04	1.01E+00	9.12E-01	1.18E+02	6.60E-03	1.18E+02	1.24E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00

MA403Z	3.15E-02	2.56E+00	-7.78E-03	2.54E+00	1.87E-06	0.00E+00	7.31E+02	2.24E-04	2.05E-03	2.16E-02	4.03E-03	1.01E+01	1.82E-08	2.33E-07	1.87E+01	6.19E-01	5.60E-03	1.74E-01	3.97E-02	6.22E-01	1.19E+02	2.66E+00	5.11E-07	1.98E-07	1.01E-02	2.60E-04	9.05E-01	6.18E-01	1.22E+02	6.43E-03	1.21E+02	1.28E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MA404Z	3.15E-02	2.56E+00	-7.72E-03	2.54E+00	1.87E-06	0.00E+00	7.37E+02	2.22E-04	2.05E-03	2.15E-02	4.03E-03	1.00E+01	1.82E-08	2.33E-07	1.87E+01	6.12E-01	5.60E-03	1.74E-01	3.97E-02	6.22E-01	1.19E+02	2.66E+00	5.11E-07	1.97E-07	1.01E-02	2.59E-04	9.06E-01	6.18E-01	1.22E+02	6.44E-03	1.21E+02	1.28E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MA406Z	2.73E-02	2.55E+00	-2.48E-02	2.54E+00	1.76E-06	0.00E+00	1.23E+03	8.13E-05	1.93E-03	2.01E-02	3.61E-03	4.23E+00	1.80E-08	1.21E-07	8.37E+00	1.83E-01	4.82E-03	1.79E-01	3.55E-02	4.99E-01	1.24E+02	2.94E+00	4.92E-07	1.75E-07	8.39E-03	2.09E-04	5.46E-01	6.26E-01	1.29E+02	7.35E-04	1.28E+02	1.32E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MA416Z	2.76E-02	2.56E+00	-2.24E-02	2.55E+00	1.73E-06	0.00E+00	1.14E+03	9.30E-05	1.93E-03	2.02E-02	3.67E-03	7.43E+00	1.81E-08	1.55E-07	1.32E+01	1.94E-01	4.88E-03	1.79E-01	3.70E-02	4.99E-01	1.25E+02	2.95E+00	4.93E-07	1.77E-07	8.41E-03	2.11E-04	5.91E-01	6.24E-01	1.29E+02	6.61E-04	1.29E+02	1.32E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MA420Z	2.93E-02	2.56E+00	-2.19E-02	2.55E+00	1.73E-06	0.00E+00	1.14E+03	9.27E-05	1.95E-03	2.08E-02	3.78E-03	7.35E+00	1.82E-08	1.58E-07	1.35E+01	1.94E-01	5.21E-03	1.75E-01	3.80E-02	5.09E-01	1.24E+02	2.90E+00	4.97E-07	1.84E-07	9.38E-03	2.26E-04	6.36E-01	6.26E-01	1.28E+02	6.61E-04	1.27E+02	1.31E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MA425Z	3.01E-02	2.56E+00	-1.65E-02	2.55E+00	1.68E-06	0.00E+00	1.14E+03	1.98E-04	1.99E-03	2.10E-02	3.87E-03	8.08E+00	1.82E-08	1.91E-07	1.71E+01	5.59E-01	5.33E-03	1.70E-01	4.09E-02	5.15E-01	1.24E+02	2.90E+00	5.03E-07	1.88E-07	9.56E-03	2.26E-04	7.59E-01	6.08E-01	1.28E+02	7.14E-04	1.27E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MA432Z	3.71E-02	3.34E+00	-1.09E-02	3.36E+00	2.36E-06	0.00E+00	1.22E+03	5.28E-04	2.32E-03	2.51E-02	4.15E-03	1.34E+01	5.69E-07	3.48E-07	2.77E+01	1.37E+00	5.71E-03	1.94E-01	5.24E-02	6.73E-01	1.11E+02	2.95E+00	6.06E-07	2.32E-07	1.02E-02	2.62E-04	1.44E+00	8.94E-01	1.14E+02	6.75E-03	1.14E+02	1.21E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
MA440Z	3.85E-02	3.38E+00	-1.05E-02	3.39E+00	2.33E-06	0.00E+00	1.22E+03	5.40E-04	2.35E-03	2.54E-02	4.15E-03	1.36E+01	5.68E-07	3.60E-07	2.91E+01	1.41E+00	5.71E-03	1.94E-01	5.37E-02	6.93E-01	1.11E+02	2.96E+00	6.82E-07	2.41E-07	1.03E-02	2.63E-04	1.45E+00	8.94E-01	1.14E+02	6.68E-03	1.14E+02	1.21E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MA450Z	4.90E-02	2.68E+00	1.18E-02	2.60E+00	2.06E-06	0.00E+00	1.03E+03	5.59E-04	2.31E-03	2.44E-02	4.25E-03	2.31E+01	1.82E-08	5.28E-07	4.65E+01	1.62E+00	6.00E-03	1.90E-01	6.74E-02	7.99E-01	1.08E+02	2.52E+00	7.08E-07	3.15E-07	1.15E-02	3.24E-04	2.01E+00	6.68E-01	1.12E+02	7.20E-03	1.12E+02	1.17E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
MA463Z	4.95E-02	2.70E+00	1.16E-02	2.65E+00	2.16E-06	0.00E+00	1.13E+03	5.59E-04	2.42E-03	2.60E-02	4.27E-03	2.34E+01	2.35E-08	5.31E-07	4.69E+01	1.61E+00	6.03E-03	1.91E-01	6.76E-02	8.44E-01	1.09E+02	2.21E+00	7.10E-07	3.22E-07	1.16E-02	3.22E-04	2.04E+00	7.01E-01	1.12E+02	7.29E-03	1.12E+02	1.18E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00
MB106A	6.94E-03	9.54E-01	-2.04E-02	9.42E-01	3.44E-07	0.00E+00	1.07E+03	2.65E-05	6.63E-04	6.99E-03	9.41E-04	1.47E+00	1.27E-08	3.56E-08	2.80E+00	4.98E-02	1.26E-03	6.59E-02	1.18E-02	1.32E-01	3.69E+01	1.02E+00	1.20E-07	4.86E-08	2.27E-03	5.39E-05	1.17E-01	4.03E-01	3.83E+01	1.07E-04	3.86E+01	3.94E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-01
MB110A	4.18E-03	6.76E-01	-9.33E-03	6.87E-01	2.88E-07	0.00E+00	5.78E+02	2.39E-05	4.33E-04	4.63E-03	7.88E-04	1.03E+00	1.02E-08	2.79E-08	2.07E+00	4.94E-02	1.08E-03	3.64E-02	7.15E-03	5.74E-02	2.59E+01	8.26E-01	7.83E-08	2.75E-08	1.71E-03	1.80E-05	1.03E-01	1.99E-01	2.67E+01	5.62E-05	2.67E+01	2.70E+01	3.17E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-01
MB113A	6.82E-03	9.66E-01	-1.08E-02	9.37E-01	3.27E-07	0.00E+00	6.92E+02	2.79E-05	7.21E-04	7.48E-03	9.26E-04	1.52E+00	1.26E-08	3.77E-08	3.28E+00	5.45E-02	1.26E-03	5.53E-02	9.95E-03	1.52E-01	3.71E+01	1.16E+00	1.25E-07	4.60E-08	2.24E-03	4.36E-05	1.54E-01	3.10E-01	3.81E+01	1.17E-04	3.82E+01	3.86E+01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	4.25E-01
MB116A	4.31E-03	6.76E-01	-9.46E-03	6.87E-01	2.83E-07	0.00E+00	5.77E+02	2.39E-05	4.32E-04	4.63E-03	7.98E-04	1.10E+00	1.02E-08	2.87E-08	2.18E+00	4.95E-02	1.08E-03	3.67E-02	7.21E-03	7.44E-02	2.60E+01	8.08E-01	7.93E-08	2.77E-08	1.71E-03	1.84E-05	1.08E-01	1.99E-01	2.69E+01	5.77E-05	2.69E+01	2.70E+01	3.17E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MB120A	4.64E-03	7.21E-01	-9.33E-03	7.29E-01	2.83E-07	0.00E+00	5.85E+02	2.43E-05	4.32E-04	4.63E-03	7.70E-04	1.11E+00	1.02E-08	3.00E-08	2.13E+00	4.95E-02	1.08E-03	3.92E-02	7.21E-03	1.21E-01	2.80E+01	8.12E-01	8.54E-08	2.96E-08	1.71E-03	2.72E-05	1.13E-01	1.98E-01	2.91E+01	7.20E-05	2.91E+01	2.94E+01	3.20E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-01
MB125A	7.17E-03	8.70E-01	-8.77E-03	8.77E-01	1.57E-07	0.00E+00	6.97E+02	3.19E-05	5.34E-04	5.73E-03	9.47E-04	1.75E+00	1.04E-08	4.93E-08	3.94E+00	6.38E-02	1.29E-03	4.97E-02	1.04E-02	1.19E-01	3.72E+01	9.45E-01	1.26E-07	4.70E-08	2.23E-03	4.52E-05	1.67E-01	2.12E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MB132A	9.65E-03	9.54E-01	-3.66E-03	9.20E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.77E-04	8.08E-03	1.05E-03	3.03E+00	1.64E-07	9.28E-08	6.26E+00	3.97E-01	1.43E-03	5.11E-02	1.35E-02	1.98E-01	3.18E+01	7.19E-01	1.46E-07	6.10E-08	2.66E-03	5.26E-05	3.52E-01	2.59E-01	3.30E+01	2.30E-03	3.30E+01	3.37E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	5.80E-01
MB140A	9.70E-03	9.66E-01	-4.17E-03	9.28E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.83E-04	8.18E-03	1.07E-03	3.10E+00	1.79E-07	9.46E-08	6.40E+00	4.01E-01	1.45E-03	5.49E-02	1.40E-02	1.99E-01	3.21E+01	8.96E-01	1.46E-07	6.11E-08	2.67E-03	5.21E-05	3.51E-01	3.15E-01	3.29E+01	2.53E-03	3.31E+01	3.37E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
MB150A	1.25E-02	1.05E+00	5.08E-03	1.05E+00	4.51E-07	0.00E+00	4.96E+02	1.70E-04	7.86E-04	8.53E-03	1.14E-03	5.45E+00	1.42E-08	1.27E-07	1.15E+01	5.07E-01	1.56E-03	5.05E-02	1.79E-02	2.06E-01	3.41E+01	7.97E-01	1.93E-07	8.19E-08	3.37E-03	7.63E-05	5.37E-01	2.56E-01	3.55E+01	3.04E-03	3.55E+01	3.61E+01	8.05E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MB163A	1.27E-02	1.03E+00	5.29E-03	1.04E+00	4.77E-07	0.00E+00	4.96E+02	1.85E-04	7.79E-04	8.50E-03	1.17E-03	6.27E+00	1.41E-08	1.43E-07	1.40E+01	5.68E-01	1.62E-03	5.03E-02	1.82E-02	2.08E-01	3.42E+01	7.95E-01	1.93E-07	8.49E-08	3.36E-03	7.60E-05	5.78E-01	2.75E-01	3.62E+01	2.99E-03	3.62E+01	3.66E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MB197	5.96E-03	8.18E-01	-7.81E-03	8.26E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.14E-04	5.55E-03	9.65E-04	1.75E+00	1.25E-08	4.20E-08	3.48E+00	9.40E-02	1.31E-03	4.22E-02	9.20E-03	1.28E-01	3.32E+01	1.01E+00	8.48E-08	3.93E-08	2.08E-03	4.94E-05	2.27E-01	2.26E-01	3.42E+01	4.21E-04	3.42E+01	3.47E+01	4.53E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MB199	5.92E-03	8.42E-01	-7.47E-03	8.50E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.48E-04	5.70E-03	1.01E-03	1.61E+00	1.16E-08	5.78E-08	3.21E+00	9.50E-02	1.37E-03	4.25E-02	9.91E-03	1.47E-01	3.44E+01	1.04E+00	8.39E-08	4.02E-08	2.17E-03	5.54E-05	2.80E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
MB206A	1.23E-02	1.71E+00	-3.35E-02	1.76E+00	7.00E-07	0.00E+00	1.52E+03	5.16E-05	1.39E-03	1.46E-02	1.81E-03	2.18E+00	3.25E-08	6.60E-08	4.50E+00	1.06E-01	2.50E-03	9.43E-02	1.62E-02	2.51E-01	6.97E+01	2.12E+00	2.51E-07	7.79E-08	4.19E-03	1.05E-04	3.60E-01	6.94E-01	7.19E+01	2.11E-04	7.21E+01	7.29E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
MB210A	1.23E-02	1.71E+00	-3.36E-02	1.74E+00	6.89E-07	0.00E+00	1.53E+03	5.59E-05	1.39E-03	1.47E-02	1.80E-03	2.48E+00	3.26E-08	7.09E-08	5.07E+00	1.11E-01	2.49E-03	9.56E-02	1.63E-02	2.48E-01	7.07E+01	2.16E+00	2.51E-07	7.75E-08	4.17E-03	1.07E-04	4.03E-01	6.94E-01	7.28E+01	2.12E-04	7.28E+01	7.39E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	6.96E-01
MB213A	1.35E-02	1.81E+00	-3.35E-02	1.82E+00	6.90E-07	0.00E+00	1.53E+03	5.99E-05	1.40E-03	1.48E-02	1.84E-03	2.70E+00	2.19E-08	7.68E-08	5.22E+00	1.19E-01	2.55E-03	9.72E-02	1.93E-02	2.67E-01	7.25E+01	2.16E+00	2.52E-07	8.62E-08	4.56E-03	1.08E-04	4.18E-01	6.36E-01	7.46E+01	2.19E-04	7.47E+01	7.54E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-01
MB216A	9.51E-03	1.62E+00	-3.36E-02	1.65E+00	7.80E-07	0.00E+00	1.71E+03	5.70E-05	1.35E-03	1.42E-02	1.60E-03	2.68E+00	2.15E-08	7.09E-08	5.08E+00	1.19E-01	2.22E-03	6.94E-02	1.35E-02	1.87E-01	5.03E+01	2.26E+00	1.57E-07	6.07E-08	4.77E-03	6.86E-05	3.58E-01	6.59E-01	5.19E+01	1.32E-04	5.17E+01	5.26E+01	6.68E-01	0.00E+00	0.00E+00	0.00E+00	5.88E-01
MB220A	1.37E-02	1.81E+00	-2.30E-02	1.81E+00	6.12E-07	0.00E+00	1.47E+03	5.76E-05	1.38E-03	1.47E-02	1.86E-03	2.77E+00	1.99E-08	7.56E-08	5.75E+00	1.10E-01	2.55E-03	9.50E-02	1.97E-02	2.67E-01	7.24E+01	2.17E+00	2.53E-07	8.78E-08	4.61E-03	1.08E-04	3.20E-01	5.39E-01	7.47E+01	2.23E-04	7.47E+01	7.55E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	8.75E-01
MB225A	1.47E-02	1.68E+00	-1.39E-02	1.69E+00	3.49E-07	0.00E+00	1.35E+03	5.77E-05	1.06E-03	1.11E-02	1.87E-03	3.66E+00	1.33E-08	9.41E-08	7.90E+00	1.20E-01	2.54E-03	9.50E-02	2.06E-02	2.66E-01	7.23E+01	1.70E+00	2.57E-07	9.23E-08	4.57E-03	1.08E-04	3.24E-01	2.53E-01	7.43E+01	2.73E-04	7.39E+01	7.40E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	9.60E-01
MB232A	1.85E-02	1.79E+00	-1.83E-02	1.79E+00	1.11E-06	0.00E+00	1.02E+03	2.73E-04	1.43E-03	1.56E-02	2.11E-03	6.71E+00	3.47E-07	1.86E-07	1.44E+01	6.86E-01	2.87E-03	1.00E-01	2.63E-02	3.44E-01	6.29E+01	2.34E+00	3.12E-07	1.17E-07	5.23E-03	1.32E-04	8.29E-01	5.50E-01	6.42E+01	3.98E-03	6.44E+01	6.53E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MB240A	1.90E-02	1.78E+00	-1.62E-02	1.78E+00	7.63E-07	0.00E+00	1.03E+03	2.83E-04	1.40E-03	1.55E-02	2.10E-03	6.64E+00	3.49E-07	1.90E-07	1.42E+01	7.37E-01	2.83E-03	9.80E-02	2.69E-02	3.52E-01	6.30E+01	2.28E+00	3.69E-07	1.21E-07	5.24E-03	1.31E-04	6.86E-01	5.41E-01	6.44E+01	3.96E-03	6.46E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MB250A	2.26E-02	1.83E+00	6.22E-03	1.82E+00	1.18E-06	0.00E+00	1.09E+03	2.62E-04	1.51E-03	1.67E-02	2.21E-03	7.91E+00	2.23E-08	2.28E-07	1.81E+01	7.66E-01	3.01E-03	9.95E-02	3.51E-02	3.82E-01	6.19E+01	2.32E+00	3.27E-07	1.46E-07	5.55E-03	1.49E-04	9.05E-01	5.52E-01	6.35E+01	4.29E-03	6.37E+01	6.50E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MB263A	2.61E-02	1.83E+00	6.49E-03	1.83E+00	1.19E-06	0.00E+00	1.09E+03	2.72E-04	1.50E-03	1.69E-02	2.22E-03	1.14E+01	2.22E-08	2.76E-07	2.11E+01	7.94E-01	3.03E-03	1.00E-01	3.60E-02	3.92E-01	6.20E+01	2.35E+00	4.10E-07	1.63E-07	5.56E-03	1.50E-04	1.07E+00	6.23E-01	6.35E+01	4.30E-03	6.38E+01	6.51E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MB306A	1.79E-02	3.04E+00	-3.76E-02	3.08E+00	1.37E-06	0.00E+00	2.04E+03	7.30E-05	1.61E-03	1.72E-02	2.69E-03	3.88E+00	3.73E-08	9.56E-08	6.79E+00	1.60E-01	3.64E-03	1.41E-01	2.60E-02	3.61E-01	1.09E+02	3.03E+00	3.68E-07	1.11E-07	6.07E-03	1.59E-04	4.87E-01	8.27E-01	1.10E+02	3.74E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MB310A	1.80E-02	3.12E+00	-3.74E-02	3.20E+00	1.38E-06	0.00E+00	2.06E+03	7.66E-05	1.62E-03	1.72E-02	2.72E-03	4.04E+00	3.75E-08	1.06E-07	8.67E+00	1.58E-01	3.68E-03	1.41E-01	2.61E-02	3.61E-01	1.09E+02	3.05E+00	3.74E-07	1.10E-07	6.15E-03	1.62E-04	5.07E-01	8.28E-01	1.11E+02	3.44E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MB313A	2.02E-02	3.14E+00	-3.55E-02	3.21E+00	1.39E-06	0.00E+00	2.08E+03	7.89E-05	1.77E-03	1.86E-02	2.83E-03	4.09E+00	3.74E-08	1.11E-07	8.80E+00	1.58E-01	3.85E-03	1.43E-01	2.68E-02	3.77E-01	1.09E+02	3.19E+00	3.73E-07	1.28E-07	6.55E-03	1.66E-04	5.08E-01	8.25E-01	1.11E+02	3.53E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MB316A	1.39E-02	1.88E+00	-1.65E-02	1.89E+00	1.15E-06	0.00E+00	1.11E+03	6.72E-05	1.17E-03	1.24E-02	2.37E-03	3.43E+00	1.64E-08	8.91E-08	7.19E+00	1.51E-01	3.18E-03	1.04E-01	2.14E-02	2.49E-01	7.26E+01	2.81E+00	2.45E-07	9.20E-08	4.90E-03	1.01E-04	3.60E-01	4.13E-01	7.51E+01	2.02E-04	7.46E+01	7.45E+01	9.89E-01	0.00E+00	0.00E+00	0.00E+00	9.00E-01
MB320A	2.04E-02	3.15E+00	-3.30E-02	3.22E+00	1.34E-06	0.00E+00	2.07E+03	7.92E-05	1.71E-03	1.82E-02	2.79E-03	4.33E+00	2.39E-08	1.17E-07	9.30E+00	1.59E-01	3.79E-03	1.43E-01	2.82E-02	3.81E-01	1.09E+02	3.08E+00	3.75E-07	1.28E-07	6.53E-03	1.67E-04	5.08E-01	7.62E-01	1.11E+02	3.59E-04	1.11E+02	1.12E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MB325A	2.13E-02	2.52E+00	-1.49E-02	2.52E+00	1.01E-06	0.00E+00	1.16E+03	7.06E-05	1.53E-03	1.61E-02	2.85E-03	5.41E+00	1.75E-08	1.31E-07	1.14E+01	1.49E-01	3.89E-03	1.42E-01	2.91E-02	3.85E-01	1.08E+02	3.05E+00	3.76E-07	1.36E-07	6.61E-03	1.61E-04	4.55E-01	4.64E-01	1.10E+02	3.96E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MB332A	3.02E-02	3.26E+00	-1.52E-02	3.38E+00	2.18E-06	0.00E+00	1.13E+03	4.17E-04	2.10E-03	2.23E-02	3.17E-03	1.12E+01	4.90E-07	3.10E-07	2.40E+01	1.08E+00	4.28E-03	1.46E-01	4.04E-02	5.80E-01	9.23E+01	2.89E+00	4.65E-07	2.00E-07	8.24E-03	2.29E-04	1.21E+00	8.48E-01	9.45E+01	6.44E-03	9.45E+01	9.65E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MB340A	2.95E-02	3.32E+00	-1.18E-02	3.41E+00	2.17E-06	0.00E+00	1.13E+03	4.20E-04	1.92E-03	2.08E-02	3.15E-03	1.04E+01	4.90E-07	2.89E-07	2.38E+01	1.08E+00	4.26E-03	1.46E-01	4.05E-02	5.52E-01	9.27E+01	2.91E+00	5.56E-07	1.88E-07	7.93E-03	2.08E-04	1.16E+00	8.13E-01	9.46E+01	5.92E-03	9.46E+01	9.67E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MB350A	3.86E-02	3.51E+00	9.75E-03	3.58E+00	2.20E-06	0.00E+00	1.12E+03	4.34E-04	2.09E-03	2.33E-02	3.32E-03	1.81E+01	3.47E-08	4.12E-07	3.79E+01	1.22E+00	4.49E-03	1.46E-01	5.28E-02	6.32E-01	9.14E+01	2.90E+00	5.72E-07	2.55E-07	9.11E-03	2.53E-04	1.55E+00	8.52E-01	9.38E+01	6.62E-03	9.38E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MB363A	3.89E-02	3.51E+00	1.01E-02	3.59E+00	2.22E-06	0.00E+00	1.12E+03	4.37E-04	2.08E-03	2.32E-02	3.32E-03	1.84E+01	3.68E-08	4.17E-07	3.88E+01	1.24E+00	4.49E-03	1.48E-01	5.34E-02	6.59E-01	9.09E+01	2.90E+00	6.06E-07	2.59E-07	9.14E-03	2.52E-04	1.57E+00	8.55E-01	9.32E+01	6.57E-03	9.32E+01	9.53E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
MB406A	2.55E-02	2.55E+00	-2.51E-02	2.54E+00	1.76E-06	0.00E+00	1.87E+03	8.13E-05	1.85E-03	1.96E-02	3.60E-03	4.05E+00	1.80E-08	1.21E-07	8.27E+00	1.83E-01	4.78E-03	1.79E-01	3.50E-02	4.99E-01	1.25E+02	2.94E+00	4.91E-07	1.68E-07	8.13E-03	2.08E-04	5.45E-01	6.26E-01	1.29E+02	5.58E-04	1.28E+02	1.32E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MB410A	2.75E-02	2.56E+00	-2.43E-02	2.54E+00	1.73E-06	0.00E+00	1.14E+03	9.36E-05	1.93E-03	2.01E-02	3.61E-03	6.94E+00	1.81E-08	1.52E-07	1.23E+01	1.95E-01	4.80E-03	1.79E-01	3.59E-02	4.96E-01	1.25E+02	2.95E+00	4.92E-07	1.76E-07	8.38E-03	2.10E-04	5.70E-01	6.22E-01	1.29E+02	7.39E-04	1.28E+02	1.32E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MB413A	2.81E-02	3.26E+00	-4.38E-02	3.27E+00	1.95E-06	0.00E+00	2.36E+03	9.88E-05	2.13E-03	2.32E-02	3.78E-03	7.07E+00	3.77E-08	1.54E-07	1.25E+01	2.04E-01	4.99E-03	1.77E-01	3.62E-02	5.09E-01	1.24E+02	3.57E+00	4.96E-07	1.80E-07	9.14E-03	2.22E-04	6.55E-01	1.26E+00	1.28E+02	7.22E-04	1.28E+02	1.32E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MB416A	3.51E-02	2.90E+00	-4.94E-02	2.88E+00	2.12E-06	0.00E+00	2.07E+03	2.20E-04	2.07E-03	2.21E-02	2.96E-03	1.05E+01	5.87E-08	2.84E-07	1.76E+01	5.33E-01	4.58E-03	1.41E-01	4.11E-02	3.84E-01	1.06E+02	3.34E+00	4.90E-07	1.86E-07	8.11E-03	2.19E-04	1.23E+00	1.50E+00	1.10E+02	3.96E-04	1.10E+02	1.12E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MB420A	2.93E-02	3.28E+00	-3.43E-02	3.31E+00	1.95E-06	0.00E+00	2.35E+03	9.87E-05	2.15E-03	2.34E-02	3.78E-03	7.38E+00	3.61E-08	1.58E-07	1.35E+01	2.04E-01	5.21E-03	1.76E-01	3.80E-02	5.11E-01	1.26E+02	3.57E+00	5.01E-07	1.86E-07	9.39E-03	2.30E-04	6.66E-01	8.98E-01	1.29E+02	6.40E-04	1.28E+02	1.33E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MB425A	3.01E-02	2.56E+00	-2.23E-02	2.55E+00	1.68E-06	0.00E+00	1.14E+03	1.98E-04	1.99E-03	2.10E-02	3.87E-03	8.08E+00	1.82E-08	1.91E-07	1.71E+01	5.59E-01	5.33E-03	1.70E-01	4.09E-02	5.15E-01	1.24E+02	2.90E+00	5.03E-07	1.88E-07	9.56E-03	2.26E-04	7.60E-01	6.28E-01	1.28E+02	7.14E-04	1.27E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MB432A	3.71E-02	3.34E+00	-2.27E-02	3.36E+00	2.37E-06	0.00E+00	1.21E+03	5.28E-04	2.34E-03	2.52E-02	4.21E-03	1.35E+01	5.68E-07	3.46E-07	2.79E+01	1.37E+00	5.71E-03	1.93E-01	5.27E-02	6.75E-01	1.11E+02	2.92E+00	6.07E-07	2.33E-07	1.02E-02	2.62E-04	1.46E+00	1.01E+00	1.13E+02	6.69E-03	1.13E+02	1.20E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
MB440A	3.84E-02	3.36E+00	-1.27E-02	3.38E+00	2.35E-06	0.00E+00	1.21E+03	5.40E-04	2.35E-03	2.54E-02	4.15E-03	1.36E+01	5.68E-07	3.58E-07	2.90E+01	1.41E+00	5.71E-03	1.93E-01	5.36E-02	6.93E-01	1.11E+02	2.93E+00	6.81E-07	2.40E-07	1.03E-02	2.63E-04	1.48E+00	9.42E-01	1.13E+02	6.68E-03	1.13E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MB450A	4.94E-02	3.54E+00	1.26E-02	3.53E+00	2.36E-06	0.00E+00	1.20E+03	5.63E-04	2.57E-03	2.82E-02	4.25E-03	2.32E+01	3.79E-08	5.33E-07	4.71E+01	1.62E+00	5.99E-03	1.91E-01	6.84E-02	7.86E-01	1.09E+02	2.92E+00	7.42E-07	3.18E-07	1.17E-02	3.23E-04	2.02E+00	9.55E-01	1.11E+02	7.35E-03	1.11E+02	1.18E+02	2.94E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00
MB463A	4.99E-02	3.55E+00	1.23E-02	3.54E+00	2.35E-06	0.00E+00	1.20E+03	5.63E-04	2.58E-03	2.83E-02	4.33E-03	2.35E+01	3.80E-08	5.36E-07	4.76E+01	1.61E+00	6.03E-03	1.92E-01	6.86E-02	8.50E-01	1.06E+02	2.91E+00	7.45E-07	3.25E-07	1.18E-02	3.22E-04	2.04E+00	1.13E+00	1.10E+02	7.30E-03	1.10E+02	1.16E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MB506A	1.17E-02	1.71E+00	-3.38E-02	1.75E+00	6.53E-07	0.00E+00	1.63E+03	5.72E-05	1.40E-03	1.48E-02	1.80E-03	2.74E+00	2.12E-08	6.57E-08	5.57E+00	1.21E-01	2.47E-03	9.43E-02	1.54E-02	2.58E-01	7.01E+01	2.17E+00	2.51E-07	7.50E-08	4.14E-03	1.06E-04	3.68E-01	6.64E-01	7.22E+01	2.18E-04	7.22E+01	7.31E+01	7.06E-01	0.00E+00	0.00E+00	0.00E+00	6.85E-01
MB510A	1.20E-02	1.71E+00	-3.38E-02	1.74E+00	6.43E-07	0.00E+00	1.64E+03	5.76E-05	1.40E-03	1.48E-02	1.80E-03	2.61E+00	2.13E-08	7.07E-08	5.52E+00	1.17E-01	2.47E-03	9.58E-02	1.65E-02	2.53E-01	7.05E+01	2.17E+00	2.51E-07	7.65E-08	4.14E-03	1.07E-04	4.14E-01	6.64E-01	7.24E+01	2.18E-04	7.24E+01	7.36E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	6.96E-01
MB513A	1.29E-02	1.73E+00	-2.36E-02	1.77E+00	4.98E-07	0.00E+00	1.60E+03	6.05E-05	1.41E-03	1.49E-02	1.82E-03	2.71E+00	2.62E-08	7.62E-08	5.58E+00	1.20E-01	2.49E-03	9.66E-02	1.77E-02	2.52E-01	7.05E+01	2.18E+00	2.55E-07	8.03E-08	4.25E-03	1.08E-04	4.17E-01	5.50E-01	7.20E+01	2.23E-04	7.20E+01	7.35E+01	7.55E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MB516A	1.36E-02	1.68E+00	-1.51E-02	1.69E+00	3.16E-07	0.00E+00	1.37E+03	6.38E-05	1.04E-03	1.11E-02	1.82E-03	3.05E+00	1.46E-08	7.74E-08	6.19E+00	1.27E-01	2.48E-03	9.54E-02	1.96E-02	2.53E-01	7.20E+01	1.69E+00	2.56E-07	8.43E-08	4.25E-03	1.07E-04	3.25E-01	2.65E-01	7.40E+01	2.27E-04	7.35E+01	7.47E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	8.38E-01
MB520A	1.33E-02	1.60E+00	-1.30E-02	1.62E+00	3.25E-07	0.00E+00	1.37E+03	9.57E-05	1.02E-03	1.09E-02	1.80E-03	3.41E+00	1.64E-07	9.08E-08	7.86E+00	1.88E-01	2.42E-03	9.26E-02	1.94E-02	2.50E-01	6.88E+01	1.70E+00	2.57E-07	8.48E-08	4.10E-03	1.07E-04	3.69E-01	2.71E-01	6.92E+01	2.32E-04	6.87E+01	7.08E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MB525A	1.53E-02	1.68E+00	-1.21E-02	1.68E+00	2.29E-07	0.00E+00	1.35E+03	1.13E-04	1.07E-03	1.15E-02	1.86E-03	4.61E+00	1.64E-07	1.10E-07	1.01E+01	2.15E-01	2.54E-03	9.40E-02	2.17E-02	2.67E-01	7.12E+01	1.71E+00	2.59E-07	9.37E-08	4.61E-03	1.08E-04	4.30E-01	2.66E-01	7.26E+01	2.69E-04	7.22E+01	7.28E+01	8.44E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MB532A	1.79E-02	1.66E+00	-3.33E-03	1.66E+00	4.63E-07	0.00E+00	7.63E+02	2.77E-04	1.15E-03	1.21E-02	1.96E-03	6.84E+00	3.29E-07	1.88E-07	1.49E+01	6.99E-01	2.71E-03	9.58E-02	2.73E-02	3.12E-01	6.38E+01	1.35E+00	2.93E-07	1.14E-07	5.09E-03	1.30E-04	7.07E-01	2.52E-01	6.54E+01	4.11E-03	6.51E+01	6.57E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MB540A	1.89E-02	1.80E+00	-3.12E-02	1.80E+00	1.03E-06	0.00E+00	1.10E+03	2.88E-04	1.44E-03	1.57E-02	2.19E-03	7.48E+00	3.79E-07	2.06E-07	1.60E+01	7.46E-01	2.86E-03	1.01E-01	2.68E-02	3.51E-01	6.33E+01	2.38E+00	3.75E-07	1.19E-07	5.21E-03	1.32E-04	9.50E-01	8.32E-01	6.49E+01	4.51E-03	6.51E+01	6.60E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MB563A	2.82E-02	1.83E+00	7.18E-03	1.83E+00	1.01E-06	0.00E+00	1.03E+03	3.07E-04	1.49E-03	1.66E-02	2.20E-03	1.33E+01	2.02E-08	3.01E-07	2.65E+01	8.72E-01	2.98E-03	1.00E-01	3.64E-02	4.08E-01	6.20E+01	2.47E+00	4.10E-07	1.75E-07	5.79E-03	1.63E-04	1.13E+00	5.46E-01	6.32E+01	4.85E-03	6.33E+01	6.48E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MBA106	7.04E-03	8.96E-01	-7.69E-03	9.09E-01	8.78E-07	0.00E+00	5.70E+02	4.47E-05	5.75E-04	5.98E-03	9.52E-04	1.80E+00	1.56E-08	4.71E-08	3.87E+00	1.16E-01	1.29E-03	4.24E-02	9.91E-03	1.56E-01	3.49E+01	1.01E+00	8.70E-08	4.61E-08	2.34E-03	5.54E-05	3.08E-01	2.19E-01	3.62E+01	3.99E-04	3.62E+01	3.68E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MBA110	7.18E-03	8.72E-01	-8.22E-03	8.87E-01	9.03E-07	0.00E+00	6.15E+02	4.23E-05	5.95E-04	6.37E-03	9.52E-04	1.83E+00	1.50E-08	4.67E-08	3.90E+00	9.91E-02	1.29E-03	4.46E-02	9.92E-03	1.68E-01	3.50E+01	9.97E-01	8.74E-08	4.72E-08	2.40E-03	5.62E-05	2.91E-01	2.60E-01	3.66E+01	3.89E-04	3.66E+01	3.70E+01	5.88E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
MBA113	7.49E-03	8.64E-01	-7.52E-03	8.69E-01	8.82E-07	0.00E+00	6.21E+02	4.60E-05	5.54E-04	5.92E-03	8.92E-04	1.88E+00	1.55E-08	4.66E-08	4.05E+00	1.18E-01	1.22E-03	4.23E-02	1.01E-02	1.57E-01	3.51E+01	9.96E-01	8.77E-08	4.94E-08	2.56E-03	5.48E-05	2.97E-01	2.13E-01	3.63E+01	2.84E-04	3.63E+01	3.68E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-01
MBA116	7.12E-03	8.70E-01	-7.91E-03	8.71E-01	8.82E-07	0.00E+00	6.04E+02	4.36E-05	5.72E-04	5.99E-03	9.55E-04	1.98E+00	1.56E-08	4.74E-08	3.94E+00	1.09E-01	1.29E-03	4.23E-02	9.94E-03	1.57E-01	3.45E+01	9.98E-01	8.74E-08	4.63E-08	2.33E-03	5.56E-05	2.99E-01	2.35E-01	3.56E+01	3.94E-04	3.56E+01	3.64E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MBA120	7.04E-03	8.79E-01	-6.98E-03	8.90E-01	9.09E-07	0.00E+00	6.16E+02	5.24E-05	5.98E-04	6.46E-03	1.00E-03	2.09E+00	1.51E-08	5.80E-08	4.25E+00	1.55E-01	1.36E-03	4.27E-02	1.04E-02	1.58E-01	3.38E+01	9.94E-01	8.92E-08	4.62E-08	2.39E-03	5.73E-05	3.11E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
MBA125	9.82E-03	8.80E-01	-3.02E-03	8.78E-01	8.94E-07	0.00E+00	5.92E+02	8.04E-05	5.90E-04	6.37E-03	9.47E-04	3.35E+00	1.64E-08	8.25E-08	6.52E+00	2.23E-01	1.28E-03	4.27E-02	1.34E-02	1.59E-01	3.36E+01	1.00E+00	9.20E-08	5.96E-08	2.61E-03	6.02E-05	4.49E-01	2.17E-01	3.50E+01	3.66E-04	3.50E+01	3.57E+01	7.19E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MBA132	9.66E-03	9.05E-01	-2.74E-03	9.03E-01	8.99E-07	0.00E+00	5.19E+02	1.02E-04	6.30E-04	6.76E-03	1.04E-03	4.13E+00	1.62E-08	1.07E-07	8.48E+00	2.93E-01	1.41E-03	4.41E-02	1.42E-02	1.64E-01	3.31E+01	1.02E+00	9.32E-08	6.08E-08	2.61E-03	6.24E-05	4.82E-01	2.22E-01	3.45E+01	4.72E-04	3.45E+01	3.52E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	6.23E-01
MBA150	1.09E-02	9.99E-01	-2.89E-03	9.69E-01	9.64E-07	0.00E+00	4.18E+02	1.35E-04	7.94E-04	8.36E-03	1.06E-03	4.38E+00	1.86E-08	1.13E-07	9.16E+00	3.89E-01	1.43E-03	4.66E-02	1.57E-02	1.77E-01	3.14E+01	1.04E+00	1.23E-07	6.83E-08	2.83E-03	6.87E-05	5.03E-01	2.59E-01	3.19E+01	1.30E-03	3.19E+01	3.33E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	6.74E-01
MBA163	1.26E-02	8.72E-01	2.02E-03	8.67E-01	9.63E-07	0.00E+00	5.49E+02	1.54E-04	6.33E-04	6.77E-03	9.74E-04	6.07E+00	1.81E-08	1.43E-07	1.32E+01	4.37E-01	1.37E-03	4.41E-02	1.76E-02	1.76E-01	3.00E+01	1.03E+00	1.14E-07	8.05E-08	2.70E-03	6.60E-05	5.44E-01	2.18E-01	3.15E+01	5.39E-04	3.16E+01	3.29E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-01
MBA206	1.90E-02	1.83E+00	-7.94E-03	1.82E+00	1.25E-06	0.00E+00	1.19E+03	6.64E-05	1.29E-03	1.34E-02	1.76E-03	2.43E+00	1.80E-08	6.94E-08	5.01E+00	1.76E-01	2.43E-03	8.70E-02	2.16E-02	3.49E-01	6.36E+01	1.45E+00	2.57E-07	1.19E-07	5.83E-03	1.38E-04	5.97E-01	2.71E-01	6.63E+01	8.98E-04	6.57E+01	6.71E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MBA210	1.72E-02	1.86E+00	-1.83E-02	1.87E+00	1.31E-06	0.00E+00	1.33E+03	1.11E-04	1.59E-03	1.68E-02	1.80E-03	3.01E+00	2.34E-08	1.00E-07	5.63E+00	2.72E-01	2.46E-03	8.73E-02	2.22E-02	3.48E-01	6.34E+01	2.09E+00	2.62E-07	1.21E-07	5.63E-03	1.40E-04	7.79E-01	4.81E-01	6.60E+01	8.80E-04	6.56E+01	6.78E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBA216	1.97E-02	1.87E+00	-1.79E-02	1.89E+00	1.36E-06	0.00E+00	1.25E+03	1.11E-04	1.56E-03	1.66E-02	1.81E-03	3.12E+00	2.46E-08	1.02E-07	5.63E+00	2.51E-01	2.48E-03	8.77E-02	2.34E-02	3.54E-01	6.33E+01	2.09E+00	2.62E-07	1.23E-07	5.70E-03	1.41E-04	7.94E-01	5.03E-01	6.56E+01	8.85E-04	6.54E+01	6.74E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MBA220	2.14E-02	1.86E+00	-1.35E-02	1.86E+00	1.30E-06	0.00E+00	1.27E+03	1.26E-04	1.28E-03	1.36E-02	1.97E-03	3.90E+00	2.00E-08	1.20E-07	7.37E+00	3.42E-01	2.72E-03	8.75E-02	2.79E-02	3.61E-01	6.26E+01	1.78E+00	2.56E-07	1.33E-07	5.75E-03	1.42E-04	8.37E-01	4.79E-01	6.55E+01	8.95E-04	6.53E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MBA225	2.20E-02	1.86E+00	-1.15E-02	1.86E+00	1.32E-06	0.00E+00	1.23E+03	2.12E-04	1.29E-03	1.34E-02	1.98E-03	7.16E+00	2.01E-08	2.00E-07	1.58E+01	5.36E-01	2.72E-03	8.88E-02	2.96E-02	3.66E-01	6.26E+01	1.79E+00	2.65E-07	1.39E-07	5.72E-03	1.44E-04	9.03E-01	4.79E-01	6.50E+01	8.89E-04	6.50E+01	6.69E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MBA232	1.79E-02	1.80E+00	-3.21E-02	1.82E+00	1.67E-06	0.00E+00	1.68E+03	1.44E-04	1.51E-03	1.63E-02	2.00E-03	5.68E+00	3.97E-08	1.47E-07	1.09E+01	3.50E-01	2.79E-03	1.05E-01	2.63E-02	3.36E-01	6.10E+01	2.33E+00	2.88E-07	1.16E-07	5.21E-03	1.27E-04	7.74E-01	6.92E-01	6.34E+01	4.25E-04	6.33E+01	6.49E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MBA240	2.21E-02	1.79E+00	1.01E-03	1.80E+00	1.29E-06	0.00E+00	1.09E+03	2.24E-04	1.26E-03	1.30E-02	1.98E-03	8.54E+00	1.88E-08	2.17E-07	1.86E+01	5.79E-01	2.75E-03	8.92E-02	3.12E-02	3.57E-01	6.12E+01	1.41E+00	2.53E-07	1.38E-07	5.71E-03	1.42E-04	9.09E-01	2.51E-01	6.35E+01	9.16E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MBA250	2.28E-02	1.80E+00	1.17E-03	1.81E+00	1.31E-06	0.00E+00	1.02E+03	2.52E-04	1.28E-03	1.31E-02	2.02E-03	8.79E+00	1.93E-08	2.30E-07	1.90E+01	6.65E-01	2.79E-03	9.01E-02	3.11E-02	3.71E-01	6.16E+01	1.41E+00	3.52E-07	1.48E-07	5.74E-03	1.44E-04	9.58E-01	2.51E-01	6.35E+01	1.05E-03	6.32E+01	6.51E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MBA263	2.64E-02	1.81E+00	1.16E-03	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.62E-04	1.28E-03	1.31E-02	2.04E-03	1.27E+01	1.94E-08	3.26E-07	2.70E+01	1.02E+00	2.83E-03	9.09E-02	3.59E-02	3.76E-01	6.15E+01	1.44E+00	3.73E-07	1.65E-07	5.75E-03	1.46E-04	1.19E+00	2.71E-01	6.27E+01	1.04E-03	6.23E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MBA306	2.11E-02	2.42E+00	-2.53E-03	2.41E+00	1.73E-06	0.00E+00	1.13E+03	1.41E-04	1.63E-03	1.71E-02	2.76E-03	4.76E+00	2.14E-08	1.57E-07	8.59E+00	3.69E-01	3.75E-03	1.22E-01	3.00E-02	4.58E-01	1.01E+02	2.82E+00	2.94E-07	1.36E-07	7.03E-03	1.81E-04	8.61E-01	4.68E-01	1.03E+02	1.31E-03	1.03E+02	1.04E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MBA310	2.12E-02	2.46E+00	-2.42E-02	2.48E+00	1.95E-06	0.00E+00	1.82E+03	1.60E-04	1.73E-03	1.86E-02	2.77E-03	6.65E+00	2.80E-08	1.66E-07	1.44E+01	3.81E-01	3.75E-03	1.25E-01	3.03E-02	4.62E-01	1.01E+02	2.56E+00	2.96E-07	1.36E-07	7.03E-03	1.83E-04	8.87E-01	7.01E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MBA313	2.18E-02	2.39E+00	-1.68E-03	2.40E+00	1.77E-06	0.00E+00	1.13E+03	1.76E-04	1.32E-03	1.37E-02	2.61E-03	6.78E+00	2.12E-08	1.69E-07	1.46E+01	4.55E-01	3.55E-03	1.19E-01	3.05E-02	3.92E-01	1.00E+02	2.81E+00	2.96E-07	1.37E-07	6.25E-03	1.64E-04	8.99E-01	4.57E-01	1.03E+02	1.28E-03	1.03E+02	1.04E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MBA316	2.22E-02	2.39E+00	-1.95E-03	2.40E+00	1.80E-06	0.00E+00	1.03E+03	1.73E-04	1.32E-03	1.38E-02	2.61E-03	6.91E+00	2.17E-08	1.72E-07	1.50E+01	4.44E-01	3.55E-03	1.19E-01	3.12E-02	3.99E-01	1.01E+02	2.80E+00	2.97E-07	1.42E-07	6.26E-03	1.66E-04	9.09E-01	4.57E-01	1.03E+02	1.32E-03	1.02E+02	1.04E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
MBA320	2.22E-02	2.67E+00	-3.16E-02	2.71E+00	2.12E-06	0.00E+00	1.81E+03	1.68E-04	1.81E-03	1.96E-02	3.00E-03	7.39E+00	3.12E-08	1.72E-07	1.57E+01	4.33E-01	4.05E-03	1.27E-01	3.32E-02	5.14E-01	1.04E+02	3.04E+00	2.78E-07	1.44E-07	7.31E-03	2.07E-04	9.05E-01	7.67E-01	1.05E+02	1.34E-03	1.06E+02	1.07E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MBA325	2.37E-02	2.70E+00	-1.82E-02	2.75E+00	2.23E-06	0.00E+00	1.75E+03	1.97E-04	1.83E-03	2.00E-02	2.99E-03	8.55E+00	3.11E-08	2.04E-07	1.76E+01	4.75E-01	4.05E-03	1.27E-01	3.66E-02	5.16E-01	1.02E+02	3.07E+00	3.10E-07	1.57E-07	7.44E-03	2.10E-04	1.02E+00	7.16E-01	1.05E+02	1.38E-03	1.05E+02	1.06E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00

MBA332	2.90E-02	2.43E+00	-6.59E-04	2.43E+00	2.08E-06	0.00E+00	1.02E+03	3.59E-04	1.74E-03	1.85E-02	3.07E-03	1.17E+01	2.26E-08	3.27E-07	2.55E+01	9.95E-01	4.16E-03	1.28E-01	4.19E-02	5.26E-01	1.00E+02	2.65E+00	3.20E-07	1.80E-07	7.79E-03	2.03E-04	1.19E+00	4.79E-01	1.03E+02	1.52E-03	1.02E+02	1.05E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MBA340	2.51E-02	2.44E+00	-8.77E-03	2.44E+00	2.16E-06	0.00E+00	1.52E+03	2.33E-04	1.95E-03	2.10E-02	3.17E-03	1.02E+01	2.78E-08	2.29E-07	2.07E+01	6.47E-01	4.30E-03	1.27E-01	3.87E-02	5.34E-01	9.72E+01	2.80E+00	3.21E-07	1.76E-07	8.35E-03	2.16E-04	1.02E+00	5.95E-01	1.00E+02	1.58E-03	1.01E+02	1.01E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MBA350	3.22E-02	2.43E+00	7.71E-04	2.43E+00	2.10E-06	0.00E+00	1.02E+03	3.95E-04	1.75E-03	1.87E-02	3.12E-03	1.37E+01	2.24E-08	3.50E-07	3.15E+01	1.13E+00	4.23E-03	1.26E-01	4.57E-02	5.35E-01	9.46E+01	2.65E+00	3.56E-07	2.01E-07	8.07E-03	2.04E-04	1.31E+00	4.81E-01	9.82E+01	1.61E-03	9.77E+01	9.98E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
MBA363	3.32E-02	2.44E+00	-6.42E-05	2.44E+00	2.12E-06	0.00E+00	1.02E+03	3.98E-04	1.88E-03	2.00E-02	3.17E-03	1.55E+01	2.36E-08	3.75E-07	3.38E+01	1.15E+00	4.30E-03	1.25E-01	4.62E-02	5.57E-01	9.43E+01	2.65E+00	4.38E-07	2.15E-07	8.62E-03	2.21E-04	1.35E+00	5.00E-01	9.82E+01	1.64E-03	9.77E+01	9.93E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
MBA406	2.92E-02	2.52E+00	-1.96E-02	2.51E+00	2.20E-06	0.00E+00	2.05E+03	1.26E-04	2.31E-03	2.43E-02	3.83E-03	5.31E+00	2.66E-08	1.56E-07	9.96E+00	3.17E-01	5.32E-03	1.69E-01	3.67E-02	5.90E-01	1.28E+02	2.43E+00	4.04E-07	1.90E-07	9.63E-03	2.40E-04	9.18E-01	6.64E-01	1.32E+02	1.70E-03	1.31E+02	1.31E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MBA410	2.85E-02	3.18E+00	-3.21E-02	3.24E+00	2.36E-06	0.00E+00	2.30E+03	1.75E-04	2.46E-03	2.61E-02	3.74E-03	9.72E+00	3.93E-08	2.00E-07	1.80E+01	4.31E-01	5.16E-03	1.73E-01	3.75E-02	5.95E-01	1.31E+02	3.71E+00	3.93E-07	1.91E-07	9.50E-03	2.42E-04	1.02E+00	9.16E-01	1.33E+02	1.77E-03	1.33E+02	1.34E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MBA416	3.01E-02	3.22E+00	-2.84E-02	3.31E+00	2.38E-06	0.00E+00	2.31E+03	1.95E-04	2.46E-03	2.67E-02	3.86E-03	1.06E+01	3.93E-08	2.26E-07	1.96E+01	4.79E-01	5.33E-03	1.70E-01	4.13E-02	6.01E-01	1.31E+02	3.73E+00	3.93E-07	1.99E-07	9.79E-03	2.45E-04	1.11E+00	9.22E-01	1.34E+02	1.75E-03	1.34E+02	1.35E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBA420	3.02E-02	3.46E+00	-2.74E-02	3.50E+00	2.39E-06	0.00E+00	2.32E+03	2.17E-04	2.46E-03	2.67E-02	3.94E-03	1.07E+01	3.99E-08	2.30E-07	2.01E+01	5.42E-01	5.41E-03	1.71E-01	4.22E-02	6.05E-01	1.31E+02	3.74E+00	3.92E-07	1.98E-07	9.81E-03	2.47E-04	1.13E+00	9.23E-01	1.35E+02	1.78E-03	1.35E+02	1.37E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MBA425	3.26E-02	3.51E+00	-1.80E-02	3.54E+00	2.40E-06	0.00E+00	2.29E+03	3.28E-04	2.52E-03	2.72E-02	3.94E-03	1.23E+01	3.22E-08	3.07E-07	2.36E+01	8.68E-01	5.39E-03	1.71E-01	4.58E-02	6.28E-01	1.31E+02	3.79E+00	4.02E-07	2.18E-07	9.88E-03	2.49E-04	1.31E+00	9.01E-01	1.34E+02	1.80E-03	1.34E+02	1.36E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
MBA432	3.90E-02	2.53E+00	-7.01E-03	2.54E+00	2.44E-06	0.00E+00	1.70E+03	5.06E-04	2.46E-03	2.60E-02	4.15E-03	1.52E+01	2.93E-08	3.98E-07	3.10E+01	1.45E+00	5.58E-03	1.78E-01	5.78E-02	6.44E-01	1.16E+02	2.41E+00	5.00E-07	2.49E-07	1.09E-02	2.93E-04	1.36E+00	7.03E-01	1.23E+02	2.05E-03	1.22E+02	1.22E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
MBA440	3.91E-02	2.53E+00	2.39E-03	2.53E+00	2.39E-06	0.00E+00	1.69E+03	5.08E-04	2.50E-03	2.62E-02	4.17E-03	1.66E+01	2.80E-08	4.16E-07	3.66E+01	1.45E+00	5.59E-03	1.76E-01	5.84E-02	6.43E-01	1.14E+02	2.41E+00	4.60E-07	2.52E-07	1.11E-02	2.94E-04	1.36E+00	6.75E-01	1.20E+02	2.10E-03	1.20E+02	1.20E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
MBA450	3.97E-02	2.50E+00	2.79E-03	2.48E+00	2.39E-06	0.00E+00	1.70E+03	5.29E-04	2.51E-03	2.63E-02	4.21E-03	1.68E+01	2.78E-08	4.20E-07	3.83E+01	1.56E+00	5.63E-03	1.76E-01	5.84E-02	6.49E-01	1.13E+02	2.79E+00	5.01E-07	2.55E-07	1.12E-02	2.95E-04	1.41E+00	6.74E-01	1.19E+02	2.10E-03	1.19E+02	1.20E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
MBA463	3.98E-02	2.54E+00	3.09E-03	2.53E+00	2.40E-06	0.00E+00	1.71E+03	5.80E-04	2.51E-03	2.63E-02	4.19E-03	1.68E+01	2.78E-08	4.21E-07	3.83E+01	1.66E+00	5.63E-03	1.76E-01	5.85E-02	6.49E-01	1.11E+02	2.40E+00	5.11E-07	2.55E-07	1.12E-02	2.95E-04	1.43E+00	6.74E-01	1.17E+02	2.18E-03	1.16E+02	1.18E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
MBA510	1.62E-02	1.86E+00	-1.55E-02	1.87E+00	1.24E-06	0.00E+00	1.32E+03	1.21E-04	1.28E-03	1.38E-02	1.87E-03	3.00E+00	1.91E-08	1.03E-07	5.72E+00	3.19E-01	2.44E-03	8.75E-02	2.23E-02	3.40E-01	6.34E+01	1.79E+00	2.59E-07	1.14E-07	5.55E-03	1.39E-04	8.01E-01	4.77E-01	6.60E+01	9.07E-04	6.57E+01	6.78E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MBA516	1.66E-02	1.80E+00	-2.35E-03	1.81E+00	1.24E-06	0.00E+00	1.19E+03	1.33E-04	1.27E-03	1.35E-02	1.84E-03	3.36E+00	1.91E-08	1.10E-07	6.06E+00	3.44E-01	2.41E-03	8.80E-02	2.26E-02	3.39E-01	6.29E+01	1.45E+00	2.55E-07	1.15E-07	5.51E-03	1.39E-04	8.17E-01	2.90E-01	6.56E+01	9.13E-04	6.51E+01	6.67E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBA520	1.92E-02	1.80E+00	-2.25E-03	1.80E+00	1.24E-06	0.00E+00	1.19E+03	1.33E-04	1.26E-03	1.33E-02	1.84E-03	4.13E+00	2.03E-08	1.17E-07	7.62E+00	3.84E-01	2.45E-03	8.77E-02	2.37E-02	3.52E-01	6.26E+01	1.54E+00	2.55E-07	1.22E-07	5.65E-03	1.40E-04	8.32E-01	2.93E-01	6.56E+01	9.15E-04	6.51E+01	6.68E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MBA525	1.81E-02	1.80E+00	1.22E-04	1.81E+00	1.25E-06	0.00E+00	1.09E+03	2.28E-04	1.28E-03	1.32E-02	1.87E-03	7.82E+00	1.92E-08	2.01E-07	1.58E+01	6.01E-01	2.42E-03	8.91E-02	2.40E-02	3.53E-01	6.26E+01	1.42E+00	2.66E-07	1.26E-07	5.59E-03	1.42E-04	8.99E-01	2.51E-01	6.50E+01	9.48E-04	6.46E+01	6.61E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBA540	2.17E-02	1.80E+00	1.14E-03	1.81E+00	1.26E-06	0.00E+00	1.09E+03	2.41E-04	1.26E-03	1.30E-02	2.03E-03	9.21E+00	1.93E-08	2.23E-07	1.87E+01	6.56E-01	2.75E-03	8.91E-02	3.09E-02	3.62E-01	6.12E+01	1.41E+00	2.54E-07	1.36E-07	5.71E-03	1.42E-04	9.38E-01	2.51E-01	6.36E+01	9.51E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
MBN006	5.74E-03	8.72E-01	-9.82E-03	8.65E-01	1.01E-06	0.00E+00	6.65E+02	2.69E-05	6.88E-04	7.10E-03	8.69E-04	1.13E+00	1.26E-08	3.17E-08	2.34E+00	5.34E-02	1.18E-03	4.92E-02	8.40E-03	1.19E-01	3.42E+01	1.11E+00	1.27E-07	3.88E-08	2.02E-03	5.00E-05	1.58E-01	2.42E-01	3.52E+01	1.04E-04	3.52E+01	3.55E+01	3.80E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-01
MBN010	5.76E-03	8.86E-01	-1.01E-02	8.70E-01	1.01E-06	0.00E+00	6.58E+02	2.66E-05	7.00E-04	7.29E-03	8.74E-04	1.24E+00	1.26E-08	3.16E-08	2.37E+00	5.33E-02	1.18E-03	5.13E-02	8.54E-03	1.23E-01	3.42E+01	1.12E+00	1.27E-07	3.92E-08	2.03E-03	4.99E-05	1.58E-01	2.99E-01	3.53E+01	1.03E-04	3.54E+01	3.55E+01	3.82E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-01
MBN013	6.03E-03	8.21E-01	-8.83E-03	8.30E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.99E-04	5.37E-03	8.88E-04	1.47E+00	7.07E-09	3.47E-08	2.69E+00	5.29E-02	1.20E-03	4.52E-02	8.97E-03	1.26E-01	3.43E+01	9.13E-01	1.29E-07	4.27E-08	2.01E-03	4.98E-05	1.69E-01	2.06E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01
MBN016	5.97E-03	8.20E-01	-8.83E-03	8.28E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.97E-04	5.35E-03	8.87E-04	1.46E+00	6.81E-09	3.44E-08	2.68E+00	5.29E-02	1.20E-03	4.52E-02	8.87E-03	1.22E-01	3.43E+01	9.13E-01	1.29E-07	4.21E-08	2.00E-03	4.97E-05	1.68E-01	2.06E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.74E-01	0.00E+00	0.00E+00	0.00E+00	3.81E-01
MBN020	6.22E-03	8.21E-01	-8.47E-03	8.30E-01	9.20E-07	0.00E+00	6.59E+02	3.37E-05	5.02E-04	5.40E-03	8.99E-04	1.54E+00	1.41E-08	3.69E-08	3.13E+00	6.79E-02	1.22E-03	4.52E-02	9.22E-03	1.26E-01	3.43E+01	9.16E-01	1.28E-07	4.29E-08	2.02E-03	4.99E-05	1.64E-01	2.09E-01	3.49E+01	1.02E-04	3.49E+01	3.53E+01	3.80E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MBN025	6.86E-03	8.35E-01	-8.36E-03	8.42E-01	9.17E-07	0.00E+00	6.58E+02	2.87E-05	5.25E-04	5.61E-03	9.37E-04	1.88E+00	1.03E-08	4.54E-08	4.05E+00	5.95E-02	1.26E-03	4.53E-02	9.89E-03	1.29E-01	3.46E+01	9.15E-01	1.29E-07	4.56E-08	2.13E-03	5.33E-05	1.74E-01	2.11E-01	3.51E+01	1.24E-04	3.51E+01	3.55E+01	4.07E-01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MBN032	1.12E-02	1.08E+00	-1.65E-03	1.08E+00	1.09E-06	0.00E+00	4.13E+02	1.57E-04	8.36E-04	9.12E-03	1.08E-03	4.77E+00	1.74E-08	1.30E-07	1.02E+01	4.37E-01	1.46E-03	6.52E-02	2.11E-02	1.87E-01	3.13E+01	1.24E+00	2.91E-07	7.22E-08	3.03E-03	7.16E-05	5.07E-01	3.09E-01	3.21E+01	2.15E-03	3.23E+01	3.63E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01
MBN040	1.10E-02	1.08E+00	3.72E-03	1.08E+00	1.10E-06	0.00E+00	4.21E+02	1.75E-04	8.43E-04	9.24E-03	1.08E-03	5.63E+00	1.78E-08	1.38E-07	1.18E+01	4.98E-01	1.46E-03	6.56E-02	2.16E-02	1.89E-01	3.06E+01	1.18E+00	2.92E-07	7.49E-08	3.19E-03	7.24E-05	5.17E-01	3.08E-01	3.17E+01	2.29E-03	3.19E+01	3.58E+01	8.11E-01	0.00E+00	0.00E+00	0.00E+00	7.90E-01
MBN106	5.64E-03	7.94E-01	-9.17E-03	8.04E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.81E-04	5.16E-03	8.63E-04	1.08E+00	6.91E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.40E-01	1.21E-07	3.58E-08	1.91E-03	4.42E-05	1.42E-01	2.04E-01	3.43E+01	9.65E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MBN106A	5.77E-03	8.97E-01	-1.10E-02	8.85E-01	1.03E-06	0.00E+00	6.71E+02	2.62E-05	6.92E-04	7.21E-03	8.85E-04	1.21E+00	1.30E-08	3.18E-08	2.31E+00	5.43E-02	1.20E-03	5.31E-02	8.60E-03	1.16E-01	3.59E+01	1.15E+00	1.24E-07	3.80E-08	2.02E-03	4.51E-05	1.90E-01	3.01E-01	3.69E+01	1.02E-04	3.70E+01	3.77E+01	3.74E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MBN106E	5.64E-03	7.94E-01	-9.17E-03	8.04E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.81E-04	5.16E-03	8.63E-04	1.08E+00	6.91E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.40E-01	1.21E-07	3.58E-08	1.91E-03	4.42E-05	1.42E-01	2.04E-01	3.43E+01	9.65E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MBN106P	9.42E-03	1.15E+00	-8.53E-03	1.14E+00	6.69E-07	0.00E+00	6.78E+02	4.95E-05	9.18E-04	9.70E-03	1.01E-03	2.21E+00	5.11E-08	6.23E-08	4.57E+00	1.23E-01	1.41E-03	4.48E-02	1.19E-02	2.11E-01	3.70E+01	1.24E+00	1.61E-07	5.88E-08	3.69E-03	6.03E-05	3.53E-01	2.41E-01	3.82E+01	1.60E-04	3.82E+01	3.85E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	5.07E-01
MBN106W	5.68E-03	8.62E-01	-1.02E-02	8.55E-01	9.15E-07	0.00E+00	6.67E+02	2.62E-05	6.82E-04	7.01E-03	8.63E-04	1.10E+00	1.24E-08	3.15E-08	2.33E+00	5.32E-02	1.17E-03	4.43E-02	8.35E-03	1.16E-01	3.38E+01	9.36E-01	1.23E-07	3.59E-08	1.98E-03	4.45E-05	1.54E-01	2.38E-01	3.51E+01	1.01E-04	3.51E+01	3.52E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01
MBN110	4.13E-03	6.35E-01	-9.99E-03	6.45E-01	9.10E-07	0.00E+00	6.06E+02	2.38E-05	4.00E-04	4.27E-03	7.79E-04	9.85E-01	6.37E-09	2.72E-08	1.97E+00	5.12E-02	1.06E-03	3.35E-02	6.64E-03	6.02E-02	2.41E+01	8.77E-01	7.82E-08	2.70E-08	1.54E-03	1.93E-05	1.01E-01	1.95E-01	2.50E+01	5.62E-05	2.50E+01	2.53E+01	2.96E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBN110E	3.08E-03	5.97E-01	-7.74E-03	6.05E-01	9.04E-07	0.00E+00	7.92E+02	1.47E-05	3.88E-04	4.19E-03	7.95E-04	2.85E+00	6.39E-09	2.07E-08	1.22E+00	2.84E-02	1.08E-03	1.25E-02	4.30E-03	2.67E-01	1.07E+01	9.85E-01	8.50E-08	6.95E-08	1.41E-03	1.54E-04	1.53E-01	2.07E-01	1.17E+01	3.81E-05	1.17E+01	1.21E+01	3.60E-01	0.00E+00	0.00E+00	4.36E-04	1.85E-01
MBN110P	6.53E-03	8.19E-01	-1.12E-02	8.15E-01	5.99E-07	0.00E+00	7.20E+02	3.08E-05	7.68E-04	8.08E-03	7.97E-04	1.19E+00	1.43E-08	3.43E-08	2.32E+00	7.28E-02	1.13E-03	4.31E-02	6.97E-03	1.30E-01	3.64E+01	1.04E+00	1.13E-07	4.04E-08	2.29E-03	6.11E-05	2.30E-01	2.44E-01	3.71E+01	1.12E-04	3.71E+01	3.82E+01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MBN110W	5.22E-03	7.51E-01	-1.03E-02	7.60E-01	9.03E-07	0.00E+00	6.49E+02	2.72E-05	4.93E-04	5.41E-03	8.16E-04	1.10E+00	1.80E-08	2.99E-08	2.27E+00	7.20E-02	1.10E-03	3.44E-02	6.62E-03	8.03E-02	2.55E+01	9.19E-01	9.38E-08	3.28E-08	2.02E-03	2.44E-05	1.80E-01	2.02E-01	2.64E+01	1.08E-04	2.64E+01	2.68E+01	4.13E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN113	4.30E-03	6.46E-01	-9.31E-03	6.55E-01	9.15E-07	0.00E+00	5.92E+02	2.38E-05	4.13E-04	4.43E-03	7.88E-04	1.11E+00	1.02E-08	2.89E-08	2.25E+00	5.12E-02	1.07E-03	3.38E-02	6.75E-03	5.83E-02	2.44E+01	8.32E-01	7.92E-08	2.79E-08	1.70E-03	1.95E-05	1.10E-01	1.96E-01	2.52E+01	5.76E-05	2.52E+01	2.56E+01	3.18E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN113E	5.90E-03	7.96E-01	-8.85E-03	8.05E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.85E-04	5.21E-03	8.73E-04	1.26E+00	7.07E-09	3.42E-08	2.67E+00	5.28E-02	1.18E-03	4.40E-02	8.69E-03	1.18E-01	3.34E+01	9.16E-01	1.23E-07	3.76E-08	1.94E-03	4.56E-05	1.52E-01	2.05E-01	3.43E+01	9.85E-05	3.43E+01	3.47E+01	3.56E-01	0.00E+00	0.00E+00	0.00E+00	3.73E-01
MBN116E	5.24E-03	7.35E-01	-1.14E-02	7.46E-01	9.10E-07	0.00E+00	6.27E+02	2.38E-05	5.47E-04	5.92E-03	8.07E-04	1.16E+00	6.43E-09	2.88E-08	2.29E+00	5.13E-02	1.09E-03	3.43E-02	6.67E-03	7.23E-02	2.54E+01	8.80E-01	9.50E-08	3.26E-08	2.00E-03	2.12E-05	1.44E-01	2.17E-01	2.63E+01	5.79E-05	2.63E+01	2.67E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN116P	6.54E-03	8.15E-01	-1.12E-02	8.13E-01	6.00E-07	0.00E+00	7.19E+02	3.10E-05	7.01E-04	7.50E-03	8.29E-04	1.22E+00	3.83E-08	3.46E-08	2.38E+00	7.68E-02	1.17E-03	4.29E-02	7.02E-03	1.30E-01	3.74E+01	1.03E+00	1.14E-07	4.04E-08	2.28E-03	6.08E-05	2.10E-01	2.45E-01	3.86E+01	1.11E-04	3.86E+01	3.94E+01	4.40E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MBN116W	5.22E-03	7.50E-01	-1.03E-02	7.60E-01	9.03E-07	0.00E+00	6.54E+02	2.73E-05	4.93E-04	5.42E-03	8.17E-04	1.11E+00	1.80E-08	2.98E-08	2.29E+00	7.26E-02	1.10E-03	3.44E-02	6.63E-03	7.98E-02	2.55E+01	9.17E-01	9.31E-08	3.28E-08	2.02E-03	2.44E-05	1.73E-01	2.02E-01	2.64E+01	1.08E-04	2.64E+01	2.68E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN120	4.36E-03	6.34E-01	-9.76E-03	6.44E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	4.02E-04	4.31E-03	7.80E-04	1.18E+00	6.26E-09	2.99E-08	2.39E+00	5.12E-02	1.06E-03	3.35E-02	6.91E-03	5.92E-02	2.41E+01	8.44E-01	7.95E-08	2.83E-08	1.57E-03	1.96E-05	1.16E-01	1.95E-01	2.50E+01	5.83E-05	2.50E+01	2.53E+01	3.11E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
MBN120E	5.21E-03	7.41E-01	-1.15E-02	7.52E-01	9.10E-07	0.00E+00	6.36E+02	2.42E-05	5.54E-04	5.99E-03	8.08E-04	1.09E+00	6.61E-09	2.91E-08	2.15E+00	5.26E-02	1.10E-03	3.44E-02	6.67E-03	7.85E-02	2.55E+01	8.98E-01	9.47E-08	3.25E-08	2.02E-03	2.39E-05	1.45E-01	2.18E-01	2.64E+01	5.72E-05	2.64E+01	2.68E+01	3.63E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN120P	6.55E-03	8.30E-01	-1.12E-02	8.34E-01	5.99E-07	0.00E+00	7.18E+02	3.08E-05	7.05E-04	7.51E-03	8.29E-04	1.22E+00	4.13E-08	3.46E-08	2.35E+00	7.35E-02	1.17E-03	4.31E-02	6.87E-03	1.30E-01	3.71E+01	1.04E+00	1.13E-07	4.08E-08	2.28E-03	6.15E-05	2.33E-01	2.45E-01	3.81E+01	1.13E-04	3.81E+01	3.93E+01	4.47E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MBN125	6.73E-03	8.14E-01	-8.12E-03	8.22E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.05E-04	5.45E-03	9.10E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.06E-03	4.71E-05	1.71E-01	2.08E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.79E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN125A	7.04E-03	8.47E-01	-8.44E-03	8.52E-01	9.02E-07	0.00E+00	6.62E+02	2.89E-05	5.30E-04	5.72E-03	9.42E-04	1.79E+00	1.13E-08	5.09E-08	3.97E+00	6.04E-02	1.27E-03	4.65E-02	1.01E-02	1.25E-01	3.60E+01	9.52E-01	1.26E-07	4.52E-08	2.21E-03	4.80E-05	2.61E-01	2.11E-01	3.66E+01	1.30E-04	3.66E+01	3.70E+01	4.62E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-01
MBN125E	6.73E-03	8.14E-01	-8.12E-03	8.22E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.06E-04	5.45E-03	9.10E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.06E-03	4.71E-05	1.71E-01	2.08E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.79E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN125P	9.90E-03	1.23E+00	-8.62E-03	1.24E+00	6.80E-07	0.00E+00	6.71E+02	5.58E-05	9.03E-04	9.67E-03	1.04E-03	2.20E+00	1.82E-07	6.54E-08	4.63E+00	1.55E-01	1.45E-03	4.64E-02	1.29E-02	2.29E-01	3.63E+01	1.29E+00	1.78E-07	6.17E-08	3.70E-03	6.58E-05	3.87E-01	2.66E-01	3.71E+01	1.62E-04	3.70E+01	3.73E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	5.54E-01
MBN125W	6.93E-03	9.46E-01	-1.89E-02	9.24E-01	1.03E-06	0.00E+00	6.73E+02	2.71E-05	7.22E-04	7.47E-03	1.06E-03	1.82E+00	1.26E-08	4.45E-08	3.88E+00	5.35E-02	1.26E-03	5.18E-02	9.82E-03	1.52E-01	3.45E+01	1.12E+00	1.25E-07	4.59E-08	2.20E-03	4.71E-05	1.70E-01	3.81E-01	3.56E+01	1.16E-04	3.59E+01	3.60E+01	4.49E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MBN132	9.50E-03	8.21E-01	-2.40E-03	8.23E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.74E-04	6.21E-03	1.04E-03	3.48E+00	1.60E-07	9.57E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.60E-01	1.45E-07	5.98E-08	2.51E-03	5.67E-05	3.60E-01	2.22E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MBN132A	9.68E-03	9.67E-01	-3.96E-03	9.38E-01	1.07E-06	0.00E+00	3.72E+02	1.48E-04	7.83E-04	8.23E-03	1.06E-03	3.25E+00	1.75E-07	9.46E-08	6.90E+00	3.96E-01	1.44E-03	5.38E-02	1.39E-02	2.00E-01	3.21E+01	9.56E-01	1.46E-07	6.14E-08	2.67E-03	5.53E-05	4.36E-01	2.63E-01	3.30E+01	2.14E-03	3.30E+01	3.37E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	5.90E-01
MBN132E	9.50E-03	8.21E-01	-2.40E-03	8.24E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.74E-04	6.21E-03	1.04E-03	3.48E+00	1.60E-07	9.57E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.60E-01	1.45E-07	5.98E-08	2.51E-03	5.67E-05	3.60E-01	2.22E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MBN132P	1.16E-02	1.25E+00	-3.00E-03	1.25E+00	7.10E-07	0.00E+00	6.59E+02	1.08E-04	8.76E-04	9.54E-03	1.07E-03	3.24E+00	1.85E-07	9.98E-08	5.85E+00	2.94E-01	1.47E-03	4.64E-02	2.36E-02	2.34E-01	3.57E+01	1.30E+00	1.87E-07	7.27E-08	3.70E-03	7.01E-05	4.88E-01	2.66E-01	3.68E+01	1.71E-04	3.67E+01	3.69E+01	7.86E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MBN132W	1.13E-02	1.09E+00	-1.20E-02	1.10E+00	1.29E-06	0.00E+00	1.37E+03	1.55E-04	9.35E-04	1.04E-02	1.07E-03	4.75E+00	2.51E-08	1.23E-07	1.00E+01	4.30E-01	1.47E-03	6.57E-02	2.08E-02	1.89E-01	3.27E+01	1.39E+00	2.87E-07	7.20E-08	3.04E-03	7.22E-05	6.03E-01	6.11E-01	3.41E+01	2.19E-03	3.42E+01	3.87E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MBN140	1.11E-02	1.07E+00	3.80E-03	1.07E+00	1.02E-06	0.00E+00	4.25E+02	1.84E-04	8.27E-04	9.08E-03	1.05E-03	5.69E+00	1.81E-08	1.41E-07	1.19E+01	5.33E-01	1.42E-03	5.99E-02	2.18E-02	1.85E-01	3.05E+01	1.09E+00	2.88E-07	7.48E-08	3.18E-03	7.25E-05	5.06E-01	2.45E-01	3.17E+01	2.22E-03	3.18E+01	3.53E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
MBN140A	9.70E-03	9.66E-01	-3.96E-03	9.37E-01	1.07E-06	0.00E+00	3.72E+02	1.48E-04	7.83E-04	8.23E-03	1.06E-03	3.25E+00	1.75E-07	9.45E-08	6.90E+00	3.96E-01	1.44E-03	5.37E-02	1.39E-02	2.00E-01	3.21E+01	9.47E-01	1.46E-07	6.12E-08	2.67E-03	5.54E-05	4.36E-01	2.63E-01	3.29E+01	2.14E-03	3.29E+01	3.38E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	5.90E-01
MBN140E	1.12E-02	9.55E-01	3.34E-03	9.98E-01	1.02E-06	0.00E+00	4.26E+02	1.87E-04	6.79E-04	7.79E-03	1.06E-03	5.71E+00	1.83E-08	1.42E-07	1.20E+01	5.32E-01	1.44E-03	5.99E-02	2.19E-02	1.69E-01	3.05E+01	1.09E+00	2.92E-07	7.51E-08	3.13E-03	7.25E-05	5.13E-01	2.27E-01	3.15E+01	2.22E-03	3.16E+01	3.52E+01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MBN140P	1.16E-02	1.25E+00	-2.93E-03	1.25E+00	7.10E-07	0.00E+00	6.59E+02	1.08E-04	8.72E-04	9.54E-03	1.07E-03	3.21E+00	1.88E-07	1.00E-07	5.86E+00	2.92E-01	1.48E-03	4.64E-02	2.37E-02	2.34E-01	3.55E+01	1.30E+00	1.87E-07	7.27E-08	3.70E-03	7.03E-05	5.08E-01	2.66E-01	3.67E+01	1.81E-04	3.66E+01	3.69E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MBN140W	1.11E-02	1.09E+00	3.74E-03	1.11E+00	1.31E-06	0.00E+00	1.26E+03	1.74E-04	9.41E-04	1.05E-02	1.07E-03	5.60E+00	2.55E-08	1.32E-07	1.17E+01	4.96E-01	1.47E-03	6.61E-02	2.14E-02	1.90E-01	3.20E+01	1.39E+00	2.88E-07	7.45E-08	3.20E-03	7.32E-05	6.12E-01	6.09E-01	3.32E+01	2.33E-03	3.34E+01	3.75E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
MBN150	1.27E-02	1.01E+00	4.46E-03	9.77E-01	9.75E-07	0.00E+00	3.78E+02	1.39E-04	8.21E-04	8.75E-03	1.11E-03	4.96E+00	1.35E-08	1.23E-07	1.03E+01	4.36E-01	1.49E-03	4.99E-02	1.75E-02	2.10E-01	3.09E+01	7.51E-01	1.90E-07	8.39E-08	3.01E-03	7.40E-05	4.96E-01	2.59E-01	3.17E+01	2.36E-03	3.17E+01	3.23E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-01
MBN150E	1.27E-02	1.01E+00	4.46E-03	9.77E-01	9.75E-07	0.00E+00	3.78E+02	1.39E-04	8.21E-04	8.75E-03	1.11E-03	4.96E+00	1.35E-08	1.23E-07	1.03E+01	4.36E-01	1.49E-03	4.99E-02	1.75E-02	2.10E-01	3.09E+01	7.51E-01	1.90E-07	8.39E-08	3.01E-03	7.40E-05	4.96E-01	2.59E-01	3.17E+01	2.34E-03	3.17E+01	3.23E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-01
MBN150P	1.41E-02	1.26E+00	-1.35E-04	1.25E+00	9.23E-07	0.00E+00	6.49E+02	1.13E-04	8.99E-04	9.95E-03	1.12E-03	4.18E+00	1.58E-08	1.17E-07	7.07E+00	3.07E-01	1.50E-03	4.43E-02	2.49E-02	2.46E-01	3.45E+01	1.29E+00	2.19E-07	9.17E-08	3.97E-03	8.13E-05	5.28E-01	2.68E-01	3.57E+01	3.16E-04	3.57E+01	3.58E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MBN150W	1.27E-02	1.01E+00	4.46E-03	9.77E-01	9.75E-07	0.00E+00	3.75E+02	1.40E-04	8.14E-04	8.68E-03	1.10E-03	4.97E+00	1.35E-08	1.23E-07	1.04E+01	4.37E-01	1.49E-03	5.00E-02	1.75E-02	2.09E-01	3.09E+01	7.45E-01	1.90E-07	8.39E-08	3.00E-03	7.40E-05	4.96E-01	2.59E-01	3.17E+01	2.31E-03	3.16E+01	3.22E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.53E-01
MBN163	1.28E-02	1.01E+00	4.87E-03	9.75E-01	9.78E-07	0.00E+00	3.79E+02	1.64E-04	8.18E-04	8.76E-03	1.11E-03	6.86E+00	1.35E-08	1.43E-07	1.47E+01	4.99E-01	1.50E-03	4.98E-02	1.80E-02	2.13E-01	3.06E+01	7.52E-01	1.90E-07	8.59E-08	3.01E-03	7.54E-05	5.41E-01	2.59E-01	3.15E+01	2.36E-03	3.15E+01	3.23E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.71E-01
MBN163A	1.28E-02	1.02E+00	5.29E-03	9.94E-01	1.07E-06	0.00E+00	3.86E+02	1.84E-04	8.29E-04	8.90E-03	1.18E-03	7.20E+00	1.47E-08	1.48E-07	1.55E+01	5.74E-01	1.53E-03	5.50E-02	1.83E-02	2.15E-01	3.21E+01	9.75E-01	1.88E-07	8.42E-08	3.02E-03	7.71E-05	5.55E-01	3.90E-01	3.31E+01	2.38E-03	3.33E+01	3.45E+01	7.85E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MBN163E	1.28E-02	1.00E+00	4.87E-03	9.71E-01	9.78E-07	0.00E+00	3.79E+02	1.63E-04	8.07E-04	8.68E-03	1.11E-03	6.84E+00	1.35E-08	1.43E-07	1.47E+01	4.92E-01	1.50E-03	4.96E-02	1.80E-02	2.12E-01	3.05E+01	7.52E-01	1.90E-07	8.59E-08	3.01E-03	7.57E-05	5.31E-01	2.47E-01	3.15E+01	2.36E-03	3.15E+01	3.21E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
MBN163W	1.28E-02	1.01E+00	4.89E-03	9.75E-01	1.06E-06	0.00E+00	3.75E+02	1.65E-04	8.21E-04	8.77E-03	1.11E-03	6.87E+00	1.37E-08	1.43E-07	1.48E+01	5.03E-01	1.50E-03	5.30E-02	1.80E-02	2.13E-01	3.07E+01	8.92E-01	1.90E-07	8.57E-08	3.01E-03	7.57E-05	5.33E-01	2.62E-01	3.16E+01	2.42E-03	3.15E+01	3.23E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
MBN206	1.13E-02	1.62E+00	-2.46E-02	1.66E+00	1.64E-06	0.00E+00	1.42E+03	5.03E-05	1.35E-03	1.40E-02	1.71E-03	2.16E+00	1.83E-08	6.21E-08	4.59E+00	1.06E-01	2.36E-03	9.05E-02	1.63E-02	2.39E-01	6.70E+01	2.10E+00	2.45E-07	7.26E-08	3.91E-03	1.04E-04	2.86E-01	5.41E-01	6.90E+01	2.46E-04	6.90E+01	6.98E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
MBN206E	1.13E-02	1.58E+00	-1.83E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	9.57E-04	1.03E-02	1.72E-03	2.16E+00	1.35E-08	6.05E-08	4.58E+00	1.04E-01	2.33E-03	8.87E-02	1.65E-02	2.38E-01	6.68E+01	1.82E+00	2.45E-07	7.21E-08	3.84E-03	1.04E-04	2.88E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.93E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MBN206P	2.07E-02	2.20E+00	-2.13E-02	2.23E+00	6.47E-07	0.00E+00	1.45E+03	5.76E-05	1.83E-03	1.96E-02	1.97E-03	2.31E+00	6.30E-08	8.17E-08	4.89E+00	1.41E-01	2.75E-03	8.70E-02	2.42E-02	4.14E-01	6.92E+01	2.14E+00	2.98E-07	1.30E-07	7.07E-03	1.40E-04	6.38E-01	4.84E-01	7.12E+01	2.10E-04	7.11E+01	7.27E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MBN210	1.14E-02	1.61E+00	-2.42E-02	1.65E+00	1.61E-06	0.00E+00	1.42E+03	5.39E-05	1.34E-03	1.41E-02	1.70E-03	2.29E+00	1.84E-08	6.41E-08	5.02E+00	1.08E-01	2.33E-03	8.81E-02	1.61E-02	2.44E-01	6.70E+01	2.13E+00	2.46E-07	7.26E-08	3.86E-03	1.07E-04	3.15E-01	5.37E-01	6.90E+01	2.07E-04	6.90E+01	6.99E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MBN210E	1.13E-02	1.58E+00	-1.80E-02	1.59E+00	1.50E-06	0.00E+00	1.27E+03	4.94E-05	9.56E-04	1.03E-02	1.72E-03	2.18E+00	1.33E-08	6.08E-08	4.61E+00	1.04E-01	2.33E-03	8.80E-02	1.66E-02	2.46E-01	6.68E+01	1.80E+00	2.46E-07	7.21E-08	3.84E-03	1.07E-04	3.07E-01	4.08E-01	6.86E+01	1.98E-04	6.86E+01	6.93E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MBN210P	2.00E-02	2.17E+00	-2.27E-02	2.21E+00	6.88E-07	0.00E+00	1.48E+03	7.60E-05	1.77E-03	1.94E-02	1.97E-03	3.11E+00	5.01E-08	1.05E-07	5.96E+00	1.57E-01	2.75E-03	8.79E-02	2.44E-02	4.12E-01	6.88E+01	2.15E+00	3.00E-07	1.23E-07	7.09E-03	1.33E-04	7.71E-01	4.90E-01	7.06E+01	2.34E-04	7.05E+01	7.19E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN213	1.15E-02	1.57E+00	-1.67E-02	1.57E+00	1.50E-06	0.00E+00	1.26E+03	5.00E-05	9.67E-04	1.04E-02	1.71E-03	2.55E+00	1.47E-08	7.02E-08	5.23E+00	1.04E-01	2.33E-03	8.81E-02	1.69E-02	2.45E-01	6.70E+01	1.80E+00	2.47E-07	7.25E-08	3.90E-03	1.07E-04	3.13E-01	3.37E-01	6.87E+01	2.04E-04	6.83E+01	6.87E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.33E-01
MBN213E	1.18E-02	1.60E+00	-2.06E-02	1.61E+00	1.50E-06	0.00E+00	1.43E+03	5.02E-05	1.36E-03	1.43E-02	1.77E-03	2.51E+00	1.60E-08	6.80E-08	5.20E+00	1.04E-01	2.39E-03	8.80E-02	1.66E-02	2.63E-01	6.71E+01	2.12E+00	2.49E-07	7.55E-08	3.99E-03	1.09E-04	3.15E-01	4.39E-01	6.88E+01	2.07E-04	6.89E+01	6.97E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MBN216	1.19E-02	1.59E+00	-1.99E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.99E-05	9.68E-04	1.04E-02	1.76E-03	2.54E+00	1.48E-08	6.76E-08	5.21E+00	1.04E-01	2.38E-03	8.81E-02	1.73E-02	2.53E-01	6.69E+01	1.80E+00	2.48E-07	7.63E-08	3.90E-03	1.08E-04	3.13E-01	4.12E-01	6.87E+01	2.06E-04	6.87E+01	6.95E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01
MBN216A	1.55E-02	1.81E+00	-3.37E-02	1.81E+00	1.65E-06	0.00E+00	1.52E+03	5.98E-05	1.39E-03	1.48E-02	1.93E-03	3.09E+00	3.71E-08	8.32E-08	5.31E+00	1.23E-01	2.75E-03	9.45E-02	2.31E-02	2.92E-01	7.17E+01	2.15E+00	2.67E-07	9.78E-08	4.73E-03	1.10E-04	4.67E-01	6.95E-01	7.32E+01	2.27E-04	7.33E+01	7.36E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-01
MBN216E	1.17E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.65E-04	1.04E-02	1.74E-03	2.51E+00	1.34E-08	6.67E-08	5.34E+00	1.04E-01	2.36E-03	8.81E-02	1.72E-02	2.47E-01	6.69E+01	1.80E+00	2.48E-07	7.47E-08	3.90E-03	1.08E-04	3.16E-01	4.10E-01	6.87E+01	2.02E-04	6.87E+01	6.95E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MBN216P	1.00E-02	1.61E+00	-2.30E-02	1.62E+00	7.25E-07	0.00E+00	1.59E+03	6.03E-05	1.53E-03	1.62E-02	1.60E-03	2.49E+00	4.36E-08	6.76E-08	4.99E+00	1.26E-01	2.24E-03	6.17E-02	1.32E-02	2.18E-01	4.57E+01	2.15E+00	1.41E-07	6.51E-08	4.27E-03	7.71E-05	4.27E-01	4.57E-01	4.74E+01	1.30E-04	4.73E+01	4.79E+01	8.20E-01	0.00E+00	0.00E+00	0.00E+00	5.77E-01
MBN220	1.28E-02	1.57E+00	-1.40E-02	1.59E+00	1.45E-06	0.00E+00	1.26E+03	6.20E-05	9.84E-04	1.04E-02	1.75E-03	3.39E+00	1.26E-08	7.92E-08	6.97E+00	1.29E-01	2.39E-03	8.81E-02	1.79E-02	2.46E-01	6.72E+01	1.59E+00	2.52E-07	8.15E-08	4.01E-03	1.08E-04	3.18E-01	2.51E-01	6.89E+01	2.51E-04	6.86E+01	6.89E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
MBN220A	1.55E-02	1.81E+00	-3.36E-02	1.81E+00	1.66E-06	0.00E+00	1.52E+03	6.12E-05	1.39E-03	1.48E-02	1.97E-03	2.91E+00	2.36E-08	8.39E-08	6.01E+00	1.26E-01	2.75E-03	9.39E-02	2.45E-02	2.90E-01	7.18E+01	2.16E+00	2.67E-07	9.77E-08	4.72E-03	1.10E-04	4.69E-01	6.68E-01	7.33E+01	2.27E-04	7.34E+01	7.37E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-01
MBN220E	1.28E-02	1.57E+00	-1.41E-02	1.58E+00	1.45E-06	0.00E+00	1.26E+03	6.21E-05	9.82E-04	1.04E-02	1.75E-03	3.39E+00	1.26E-08	7.92E-08	6.97E+00	1.29E-01	2.39E-03	8.81E-02	1.79E-02	2.46E-01	6.72E+01	1.59E+00	2.52E-07	8.16E-08	4.01E-03	1.08E-04	3.18E-01	2.63E-01	6.89E+01	2.25E-04	6.85E+01	6.89E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
MBN220P	2.09E-02	2.22E+00	-1.99E-02	2.27E+00	9.63E-07	0.00E+00	1.49E+03	1.26E-04	1.75E-03	1.89E-02	2.02E-03	3.53E+00	2.62E-07	1.15E-07	7.46E+00	3.12E-01	2.83E-03	8.76E-02	2.64E-02	4.23E-01	6.87E+01	2.22E+00	2.98E-07	1.26E-07	7.20E-03	1.35E-04	8.23E-01	4.71E-01	7.08E+01	2.41E-04	7.07E+01	7.23E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MBN225	1.43E-02	1.61E+00	-1.40E-02	1.62E+00	1.47E-06	0.00E+00	1.27E+03	5.77E-05	1.01E-03	1.06E-02	1.79E-03	3.70E+00	1.26E-08	9.34E-08	7.97E+00	1.23E-01	2.45E-03	8.95E-02	1.90E-02	2.47E-01	6.73E+01	1.60E+00	2.55E-07	8.91E-08	4.17E-03	1.09E-04	3.22E-01	2.64E-01	6.91E+01	2.68E-04	6.88E+01	6.91E+01	7.36E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MBN225A	1.57E-02	1.68E+00	-1.33E-02	1.66E+00	1.53E-06	0.00E+00	1.17E+03	5.14E-05	1.07E-03	1.16E-02	1.95E-03	3.69E+00	1.64E-08	9.23E-08	7.95E+00	1.14E-01	2.74E-03	9.21E-02	2.53E-02	2.90E-01	7.17E+01	1.76E+00	2.61E-07	1.01E-07	4.69E-03	1.09E-04	3.83E-01	3.50E-01	7.30E+01	2.54E-04	7.25E+01	7.28E+01	9.74E-01	0.00E+00	0.00E+00	0.00E+00	9.67E-01
MBN225E	1.43E-02	1.61E+00	-1.40E-02	1.62E+00	1.47E-06	0.00E+00	1.27E+03	5.77E-05	1.01E-03	1.06E-02	1.79E-03	3.70E+00	1.26E-08	9.34E-08	7.97E+00	1.23E-01	2.45E-03	8.96E-02	1.90E-02	2.47E-01	6.73E+01	1.60E+00	2.55E-07	8.91E-08	4.17E-03	1.09E-04	3.22E-01	2.64E-01	6.91E+01	2.68E-04	6.88E+01	6.91E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01

MBN225P	2.21E-02	2.31E+00	-1.95E-02	2.34E+00	9.79E-07	0.00E+00	1.47E+03	1.80E-04	1.81E-03	1.91E-02	2.01E-03	6.33E+00	2.62E-07	1.66E-07	1.39E+01	4.59E-01	2.83E-03	8.71E-02	3.06E-02	4.34E-01	6.94E+01	2.24E+00	2.98E-07	1.37E-07	7.33E-03	1.42E-04	8.90E-01	4.87E-01	7.14E+01	2.63E-04	7.13E+01	7.29E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MBN232	2.32E-02	2.01E+00	-6.70E-03	2.07E+00	1.85E-06	0.00E+00	1.44E+03	2.68E-04	1.54E-03	1.68E-02	2.11E-03	8.75E+00	2.63E-08	2.50E-07	1.91E+01	5.70E-01	2.85E-03	1.05E-01	3.67E-02	3.45E-01	6.53E+01	2.30E+00	5.19E-07	1.51E-07	5.82E-03	1.62E-04	9.08E-01	5.59E-01	6.83E+01	3.84E-03	6.83E+01	7.02E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MBN232A	1.89E-02	1.76E+00	-1.14E-02	1.75E+00	1.66E-06	0.00E+00	9.30E+02	2.84E-04	1.17E-03	1.27E-02	2.06E-03	6.91E+00	2.95E-07	1.90E-07	1.48E+01	7.34E-01	2.80E-03	9.76E-02	2.69E-02	3.44E-01	6.26E+01	1.74E+00	3.18E-07	1.21E-07	5.18E-03	1.31E-04	7.25E-01	4.46E-01	6.42E+01	3.54E-03	6.42E+01	6.53E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN232E	1.89E-02	1.63E+00	-3.23E-03	1.63E+00	1.59E-06	0.00E+00	7.05E+02	2.57E-04	1.14E-03	1.21E-02	2.01E-03	6.87E+00	3.02E-07	1.86E-07	1.47E+01	6.98E-01	2.76E-03	9.57E-02	2.69E-02	3.41E-01	6.09E+01	1.31E+00	2.97E-07	1.21E-07	5.08E-03	1.30E-04	7.12E-01	2.51E-01	6.25E+01	3.46E-03	6.22E+01	6.29E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MBN232P	2.35E-02	2.32E+00	-1.55E-02	2.36E+00	1.01E-06	0.00E+00	1.48E+03	2.17E-04	1.80E-03	1.92E-02	2.09E-03	6.93E+00	3.22E-07	2.05E-07	1.43E+01	5.19E-01	2.87E-03	8.68E-02	4.20E-02	4.60E-01	6.91E+01	2.57E+00	3.47E-07	1.49E-07	7.36E-03	1.48E-04	9.54E-01	4.85E-01	7.11E+01	2.71E-04	7.11E+01	7.29E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MBN240	2.46E-02	2.01E+00	4.14E-03	2.05E+00	1.80E-06	0.00E+00	1.28E+03	2.71E-04	1.56E-03	1.70E-02	2.12E-03	9.92E+00	2.72E-08	2.57E-07	2.21E+01	6.09E-01	2.88E-03	1.07E-01	4.15E-02	3.46E-01	6.49E+01	2.31E+00	5.81E-07	1.60E-07	5.78E-03	1.62E-04	9.65E-01	5.60E-01	6.75E+01	3.90E-03	6.76E+01	7.00E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MBN240A	1.90E-02	1.79E+00	-1.54E-02	1.79E+00	1.79E-06	0.00E+00	1.02E+03	2.81E-04	1.41E-03	1.55E-02	2.10E-03	6.66E+00	3.31E-07	1.89E-07	1.43E+01	7.32E-01	2.86E-03	1.00E-01	2.69E-02	3.52E-01	6.30E+01	2.29E+00	3.78E-07	1.21E-07	5.25E-03	1.32E-04	7.22E-01	5.45E-01	6.44E+01	3.60E-03	6.46E+01	6.58E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MBN240E	1.90E-02	1.76E+00	-2.27E-02	1.76E+00	1.77E-06	0.00E+00	1.10E+03	2.57E-04	1.43E-03	1.55E-02	2.09E-03	6.72E+00	3.50E-07	1.87E-07	1.43E+01	7.14E-01	2.83E-03	9.80E-02	2.71E-02	3.56E-01	6.11E+01	2.33E+00	3.84E-07	1.21E-07	5.15E-03	1.32E-04	8.35E-01	7.01E-01	6.27E+01	3.87E-03	6.29E+01	6.40E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MBN240P	2.36E-02	2.34E+00	-1.44E-02	2.38E+00	1.00E-06	0.00E+00	1.49E+03	2.15E-04	1.81E-03	1.91E-02	2.09E-03	6.98E+00	3.28E-07	2.08E-07	1.44E+01	5.04E-01	2.87E-03	8.68E-02	4.32E-02	4.63E-01	6.91E+01	2.57E+00	4.24E-07	1.50E-07	7.39E-03	1.48E-04	9.69E-01	4.89E-01	7.12E+01	2.68E-04	7.12E+01	7.29E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MBN250	2.45E-02	1.86E+00	4.24E-03	1.86E+00	1.69E-06	0.00E+00	1.02E+03	2.42E-04	1.29E-03	1.37E-02	2.07E-03	9.78E+00	2.12E-08	2.41E-07	2.12E+01	6.34E-01	2.84E-03	9.37E-02	3.60E-02	3.46E-01	6.33E+01	1.43E+00	3.55E-07	1.59E-07	5.74E-03	1.60E-04	9.63E-01	2.84E-01	6.52E+01	3.81E-03	6.49E+01	6.45E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MBN250A	2.28E-02	1.80E+00	5.93E-03	1.79E+00	1.64E-06	0.00E+00	9.22E+02	2.70E-04	1.26E-03	1.39E-02	2.17E-03	8.88E+00	1.64E-08	2.40E-07	1.92E+01	7.84E-01	2.95E-03	9.84E-02	3.50E-02	3.79E-01	6.16E+01	1.72E+00	3.83E-07	1.49E-07	5.47E-03	1.53E-04	8.44E-01	4.59E-01	6.31E+01	3.82E-03	6.31E+01	6.46E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MBN250E	2.26E-02	1.83E+00	5.84E-03	1.83E+00	1.71E-06	0.00E+00	1.01E+03	2.36E-04	1.49E-03	1.64E-02	2.19E-03	8.28E+00	2.00E-08	2.28E-07	1.79E+01	7.21E-01	2.98E-03	9.94E-02	3.53E-02	3.85E-01	6.03E+01	2.22E+00	3.84E-07	1.48E-07	5.46E-03	1.53E-04	8.07E-01	5.48E-01	6.19E+01	4.27E-03	6.19E+01	6.34E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MBN250P	2.57E-02	2.34E+00	-7.40E-03	2.39E+00	1.40E-06	0.00E+00	1.49E+03	2.11E-04	1.89E-03	2.00E-02	2.19E-03	8.23E+00	2.26E-08	2.28E-07	1.64E+01	5.24E-01	3.05E-03	8.56E-02	4.99E-02	4.59E-01	6.85E+01	2.55E+00	4.05E-07	1.70E-07	7.63E-03	1.62E-04	9.65E-01	4.89E-01	7.05E+01	4.75E-04	7.05E+01	7.22E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBN263	3.52E-02	1.86E+00	4.87E-03	1.86E+00	1.68E-06	0.00E+00	1.02E+03	3.40E-04	1.29E-03	1.38E-02	2.08E-03	1.66E+01	2.26E-08	4.06E-07	3.59E+01	1.04E+00	2.84E-03	9.45E-02	4.04E-02	3.48E-01	6.33E+01	1.53E+00	3.75E-07	1.97E-07	5.76E-03	1.63E-04	1.39E+00	2.88E-01	6.48E+01	3.80E-03	6.45E+01	6.41E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MBN263A	2.27E-02	1.83E+00	6.07E-03	1.84E+00	1.71E-06	0.00E+00	1.01E+03	2.32E-04	1.48E-03	1.65E-02	2.19E-03	9.71E+00	2.08E-08	2.02E-07	1.92E+01	7.26E-01	2.98E-03	1.05E-01	3.53E-02	3.92E-01	6.16E+01	2.25E+00	4.04E-07	1.51E-07	5.52E-03	1.54E-04	9.01E-01	5.46E-01	6.31E+01	3.82E-03	6.31E+01	6.48E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MBN263E	2.29E-02	1.72E+00	5.98E-03	1.71E+00	1.60E-06	0.00E+00	6.94E+02	2.40E-04	1.26E-03	1.34E-02	2.14E-03	9.73E+00	1.35E-08	2.35E-07	1.96E+01	7.39E-01	2.94E-03	9.77E-02	3.51E-02	3.85E-01	6.02E+01	1.32E+00	3.76E-07	1.51E-07	5.44E-03	1.53E-04	9.15E-01	2.67E-01	6.17E+01	3.82E-03	6.14E+01	6.25E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MBN263P	2.63E-02	2.34E+00	-4.80E-03	2.41E+00	1.39E-06	0.00E+00	1.49E+03	2.04E-04	1.90E-03	2.01E-02	2.20E-03	9.99E+00	2.26E-08	2.38E-07	1.85E+01	5.05E-01	3.05E-03	8.57E-02	5.12E-02	4.65E-01	6.89E+01	2.55E+00	4.39E-07	1.77E-07	7.79E-03	1.63E-04	1.10E+00	5.04E-01	7.04E+01	5.28E-04	7.04E+01	7.22E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MBN306	1.75E-02	2.91E+00	-3.59E-02	2.96E+00	2.02E-06	0.00E+00	1.96E+03	7.60E-05	1.57E-03	1.66E-02	2.57E-03	3.50E+00	2.26E-08	9.65E-08	7.06E+00	1.59E-01	3.49E-03	1.32E-01	2.59E-02	3.65E-01	1.01E+02	2.99E+00	3.64E-07	1.13E-07	5.80E-03	1.58E-04	4.87E-01	7.42E-01	1.03E+02	3.72E-04	1.03E+02	1.04E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MBN306A	1.76E-02	2.95E+00	-3.57E-02	3.00E+00	2.11E-06	0.00E+00	1.96E+03	7.50E-05	1.58E-03	1.67E-02	2.59E-03	3.64E+00	3.43E-08	9.91E-08	6.95E+00	1.56E-01	3.54E-03	1.34E-01	2.58E-02	3.66E-01	1.04E+02	2.97E+00	3.65E-07	1.13E-07	5.92E-03	1.59E-04	5.15E-01	8.28E-01	1.06E+02	3.30E-04	1.06E+02	1.07E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MBN306E	1.70E-02	2.36E+00	-2.75E-02	2.39E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.43E-03	1.54E-02	2.57E-03	3.24E+00	2.02E-08	9.07E-08	6.88E+00	1.55E-01	3.48E-03	1.33E-01	2.48E-02	3.58E-01	1.00E+02	2.70E+00	3.67E-07	1.08E-07	5.75E-03	1.56E-04	4.33E-01	6.10E-01	1.03E+02	3.80E-04	1.03E+02	1.04E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN306P	2.43E-02	3.06E+00	-3.44E-02	3.13E+00	1.85E-06	0.00E+00	2.09E+03	8.70E-05	2.47E-03	2.60E-02	3.07E-03	3.90E+00	8.30E-08	1.63E-07	8.01E+00	1.72E-01	4.16E-03	1.26E-01	4.80E-02	5.66E-01	1.03E+02	3.78E+00	4.22E-07	1.57E-07	9.18E-03	2.00E-04	8.95E-01	7.60E-01	1.05E+02	4.42E-04	1.06E+02	1.08E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBN310	1.69E-02	2.36E+00	-2.70E-02	2.39E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.43E-03	1.54E-02	2.57E-03	3.27E+00	1.99E-08	9.11E-08	6.92E+00	1.56E-01	3.48E-03	1.32E-01	2.50E-02	3.70E-01	1.00E+02	2.69E+00	3.69E-07	1.08E-07	5.75E-03	1.61E-04	4.70E-01	6.11E-01	1.03E+02	3.00E-04	1.03E+02	1.04E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN310A	1.76E-02	3.10E+00	-3.55E-02	3.18E+00	2.30E-06	0.00E+00	1.96E+03	7.58E-05	1.58E-03	1.68E-02	2.65E-03	4.06E+00	3.82E-08	1.03E-07	8.63E+00	1.56E-01	3.60E-03	1.34E-01	2.58E-02	3.69E-01	1.04E+02	2.99E+00	3.69E-07	1.13E-07	5.98E-03	1.62E-04	5.26E-01	8.28E-01	1.06E+02	3.07E-04	1.06E+02	1.07E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN310E	1.69E-02	2.36E+00	-2.70E-02	2.39E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.43E-03	1.54E-02	2.57E-03	3.27E+00	1.99E-08	9.11E-08	6.92E+00	1.56E-01	3.48E-03	1.32E-01	2.50E-02	3.70E-01	1.00E+02	2.69E+00	3.69E-07	1.08E-07	5.75E-03	1.61E-04	4.70E-01	6.11E-01	1.03E+02	3.00E-04	1.03E+02	1.04E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN310P	2.42E-02	3.12E+00	-3.43E-02	3.19E+00	1.79E-06	0.00E+00	2.09E+03	1.45E-04	2.48E-03	2.61E-02	3.04E-03	6.71E+00	6.90E-08	1.77E-07	1.43E+01	3.40E-01	4.11E-03	1.26E-01	4.79E-02	5.71E-01	1.03E+02	3.76E+00	4.32E-07	1.58E-07	9.17E-03	2.01E-04	9.49E-01	7.59E-01	1.05E+02	4.26E-04	1.06E+02	1.08E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBN313	1.78E-02	2.34E+00	-2.40E-02	2.35E+00	2.16E-06	0.00E+00	1.89E+03	6.94E-05	1.47E-03	1.57E-02	2.61E-03	3.79E+00	1.82E-08	9.95E-08	8.21E+00	1.55E-01	3.55E-03	1.28E-01	2.58E-02	3.74E-01	1.00E+02	3.07E+00	3.72E-07	1.14E-07	5.86E-03	1.59E-04	4.79E-01	5.38E-01	1.03E+02	3.09E-04	1.03E+02	1.04E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MBN313E	1.79E-02	2.39E+00	-2.63E-02	2.41E+00	2.24E-06	0.00E+00	1.89E+03	7.39E-05	1.47E-03	1.57E-02	2.64E-03	3.80E+00	2.15E-08	9.97E-08	8.19E+00	1.56E-01	3.57E-03	1.32E-01	2.61E-02	3.76E-01	1.01E+02	2.69E+00	3.73E-07	1.14E-07	5.90E-03	1.64E-04	4.80E-01	5.71E-01	1.04E+02	3.13E-04	1.04E+02	1.05E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MBN316	1.76E-02	2.38E+00	-2.63E-02	2.40E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.45E-03	1.56E-02	2.61E-03	3.77E+00	2.00E-08	1.00E-07	8.02E+00	1.56E-01	3.53E-03	1.32E-01	2.57E-02	3.71E-01	1.00E+02	2.70E+00	3.72E-07	1.12E-07	5.84E-03	1.63E-04	4.83E-01	6.14E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN316A	1.82E-02	3.11E+00	-3.34E-02	3.19E+00	2.30E-06	0.00E+00	1.93E+03	7.65E-05	1.59E-03	1.69E-02	2.67E-03	4.17E+00	2.45E-08	1.05E-07	8.90E+00	1.56E-01	3.63E-03	1.34E-01	2.70E-02	3.76E-01	1.04E+02	3.03E+00	3.69E-07	1.16E-07	6.02E-03	1.63E-04	5.25E-01	7.53E-01	1.06E+02	3.06E-04	1.06E+02	1.07E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MBN316E	1.30E-02	1.89E+00	-2.90E-02	1.92E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.20E-03	1.28E-02	2.32E-03	3.38E+00	1.83E-08	8.57E-08	6.86E+00	1.52E-01	3.14E-03	1.01E-01	2.05E-02	2.20E-01	7.23E+01	2.45E+00	2.41E-07	8.51E-08	4.71E-03	9.17E-05	3.60E-01	5.83E-01	7.48E+01	1.83E-04	7.48E+01	7.57E+01	9.43E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MBN316P	1.60E-02	2.25E+00	-3.54E-02	2.30E+00	1.74E-06	0.00E+00	1.85E+03	1.06E-04	1.73E-03	1.82E-02	2.47E-03	4.37E+00	6.31E-08	1.08E-07	8.82E+00	2.31E-01	3.40E-03	1.07E-01	2.03E-02	3.40E-01	8.03E+01	2.67E+00	2.88E-07	1.00E-07	6.03E-03	1.53E-04	5.75E-01	7.48E-01	8.32E+01	2.36E-04	8.35E+01	8.75E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MBN320	1.87E-02	2.40E+00	-2.56E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.47E-03	1.59E-02	2.65E-03	4.38E+00	2.09E-08	1.11E-07	9.35E+00	1.56E-01	3.59E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.64E-04	5.04E-01	6.18E-01	1.03E+02	3.12E-04	1.03E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN320A	1.87E-02	2.38E+00	-1.44E-02	2.39E+00	2.16E-06	0.00E+00	1.08E+03	6.72E-05	1.19E-03	1.30E-02	2.68E-03	4.53E+00	1.81E-08	1.14E-07	9.66E+00	1.47E-01	3.64E-03	1.30E-01	2.72E-02	3.76E-01	1.02E+02	2.98E+00	3.65E-07	1.20E-07	5.98E-03	1.59E-04	4.96E-01	4.78E-01	1.04E+02	3.26E-04	1.04E+02	1.05E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MBN320E	1.87E-02	2.40E+00	-2.56E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.47E-03	1.59E-02	2.65E-03	4.38E+00	2.09E-08	1.11E-07	9.35E+00	1.56E-01	3.59E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.64E-04	5.04E-01	6.18E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN320P	2.80E-02	3.26E+00	-3.06E-02	3.32E+00	1.73E-06	0.00E+00	2.14E+03	2.07E-04	2.83E-03	3.05E-02	3.16E-03	8.10E+00	4.59E-07	2.20E-07	1.65E+01	4.37E-01	4.28E-03	1.27E-01	5.14E-02	6.02E-01	1.01E+02	3.80E+00	4.45E-07	1.86E-07	1.06E-02	2.08E-04	1.13E+00	7.57E-01	1.04E+02	4.34E-04	1.05E+02	1.07E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MBN325	2.03E-02	2.43E+00	-2.46E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.28E-07	6.21E-03	1.63E-04	4.63E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MBN325A	2.08E-02	2.41E+00	-1.43E-02	2.41E+00	1.91E-06	0.00E+00	1.08E+03	6.71E-05	1.42E-03	1.51E-02	2.78E-03	5.46E+00	1.82E-08	1.31E-07	1.15E+01	1.46E-01	3.79E-03	1.31E-01	2.84E-02	3.83E-01	1.03E+02	2.98E+00	3.73E-07	1.31E-07	6.34E-03	1.61E-04	4.72E-01	4.59E-01	1.05E+02	4.21E-04	1.04E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MBN325E	2.03E-02	2.43E+00	-2.46E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.28E-07	6.21E-03	1.63E-04	4.63E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MBN325P	2.81E-02	3.36E+00	-3.00E-02	3.40E+00	1.78E-06	0.00E+00	2.14E+03	2.13E-04	2.78E-03	2.96E-02	3.16E-03	8.32E+00	4.63E-07	2.25E-07	1.70E+01	4.52E-01	4.29E-03	1.27E-01	5.35E-02	6.23E-01	1.01E+02	3.82E+00	4.49E-07	1.91E-07	1.08E-02	2.12E-04	1.15E+00	7.60E-01	1.03E+02	4.45E-04	1.04E+02	1.07E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MBN332	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.18E-01	9.04E+01	2.18E+00	4.38E-07	1.80E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN332A	4.48E-02	3.43E+00	-7.27E-03	3.44E+00	2.47E-06	0.00E+00	1.93E+03	3.44E-04	2.26E-03	2.40E-02	3.41E-03	1.75E+01	3.94E-08	4.24E-07	3.66E+01	9.96E-01	4.55E-03	1.37E-01	5.81E-02	5.58E-01	9.30E+01	2.91E+00	7.44E-07	2.58E-07	9.58E-03	2.72E-04	1.63E+00	8.60E-01	9.87E+01	6.26E-03	9.74E+01	1.12E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MBN332E	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.18E-01	9.04E+01	2.18E+00	4.38E-07	1.80E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN332P	3.59E-02	3.72E+00	-1.83E-02	3.74E+00	1.77E-06	0.00E+00	2.14E+03	3.37E-04	2.74E-03	2.95E-02	3.18E-03	1.07E+01	4.77E-07	3.31E-07	2.08E+01	8.23E-01	4.31E-03	1.27E-01	6.86E-02	6.83E-01	1.05E+02	3.90E+00	5.35E-07	2.33E-07	1.12E-02	2.33E-04	1.40E+00	7.71E-01	1.08E+02	4.67E-04	1.09E+02	1.11E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+00
MBN340	2.87E-02	2.48E+00	-6.61E-03	2.48E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.20E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.62E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN340A	4.79E-02	3.51E+00	8.96E-03	3.50E+00	2.42E-06	0.00E+00	1.70E+03	3.47E-04	2.30E-03	2.44E-02	3.42E-03	1.84E+01	4.25E-08	4.54E-07	3.95E+01	1.02E+00	4.57E-03	1.37E-01	6.14E-02	6.05E-01	9.28E+01	2.91E+00	8.53E-07	2.82E-07	9.76E-03	2.84E-04	1.68E+00	8.60E-01	9.76E+01	6.33E-03	9.63E+01	1.12E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
MBN340E	2.87E-02	2.48E+00	-6.61E-03	2.48E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.20E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.62E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN340P	3.74E-02	3.82E+00	-1.48E-02	3.86E+00	1.62E-06	0.00E+00	2.13E+03	3.51E-04	2.77E-03	2.98E-02	3.18E-03	1.12E+01	4.78E-07	3.45E-07	2.31E+01	8.51E-01	4.31E-03	1.26E-01	7.16E-02	7.27E-01	1.08E+02	3.95E+00	6.27E-07	2.44E-07	1.14E-02	2.36E-04	1.47E+00	7.72E-01	1.10E+02	4.87E-04	1.11E+02	1.13E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	3.13E+00
MBN350	3.78E-02	2.57E+00	1.01E-02	2.53E+00	2.38E-06	0.00E+00	7.00E+02	4.60E-04	1.85E-03	1.98E-02	3.28E-03	1.81E+01	1.75E-08	4.10E-07	3.73E+01	1.33E+00	4.43E-03	1.43E-01	5.15E-02	6.11E-01	8.87E+01	2.42E+00	5.68E-07	2.47E-07	8.71E-03	2.50E-04	1.54E+00	4.87E-01	9.10E+01	6.37E-03	9.07E+01	9.32E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MBN350A	3.86E-02	3.51E+00	1.02E-02	3.57E+00	2.52E-06	0.00E+00	1.13E+03	4.49E-04	2.09E-03	2.33E-02	3.32E-03	1.83E+01	3.56E-08	4.13E-07	3.84E+01	1.28E+00	4.48E-03	1.48E-01	5.33E-02	6.36E-01	9.12E+01	2.91E+00	6.10E-07	2.54E-07	9.11E-03	2.53E-04	1.55E+00	8.56E-01	9.37E+01	5.67E-03	9.37E+01	9.59E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MBN350E	3.76E-02	2.59E+00	1.06E-02	2.57E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.89E-03	2.07E-02	3.26E-03	1.83E+01	2.14E-08	4.11E-07	3.77E+01	1.35E+00	4.41E-03	1.45E-01	5.18E-02	6.05E-01	8.87E+01	2.17E+00	5.66E-07	2.45E-07	8.70E-03	2.48E-04	1.55E+00	6.79E-01	9.09E+01	6.34E-03	9.09E+01	9.31E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MBN350P	4.49E-02	3.92E+00	-1.25E-03	3.88E+00	1.75E-06	0.00E+00	2.13E+03	3.47E-04	2.93E-03	3.15E-02	3.33E-03	1.74E+01	2.67E-08	4.35E-07	3.53E+01	9.15E-01	4.50E-03	1.41E-01	8.06E-02	7.55E-01	1.08E+02	3.96E+00	6.59E-07	2.84E-07	1.22E-02	2.72E-04	1.60E+00	7.83E-01	1.10E+02	9.77E-04	1.10E+02	1.14E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+00
MBN363	3.86E-02	3.49E+00	1.07E-02	3.54E+00	2.52E-06	0.00E+00	1.13E+03	4.46E-04	2.10E-03	2.32E-02	3.30E-03	1.85E+01	3.45E-08	4.14E-07	3.86E+01	1.28E+00	4.45E-03	1.47E-01	5.33E-02	6.61E-01	8.93E+01	2.88E+00	6.04E-07	2.58E-07	9.02E-03	2.51E-04	1.57E+00	8.53E-01	9.16E+01	6.52E-03	9.16E+01	9.36E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
MBN363A	3.88E-02	3.51E+00	1.05E-02	3.58E+00	2.52E-06	0.00E+00	1.13E+03	4.50E-04	2.08E-03	2.32E-02	3.31E-03	1.85E+01	3.73E-08	4.17E-07	3.87E+01	1.29E+00	4.48E-03	1.50E-01	5.35E-02	6.58E-01	9.06E+01	2.91E+00	6.10E-07	2.58E-07	9.16E-03	2.52E-04	1.58E+00	8.57E-01	9.30E+01	5.63E-03	9.30E+01	9.54E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MBN363E	3.82E-02	2.60E+00	1.08E-02	2.59E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.90E-03	2.09E-02	3.28E-03	1.85E+01	2.26E-08	4.15E-07	3.82E+01	1.35E+00	4.43E-03	1.45E-01	5.25E-02	6.45E-01	8.93E+01	2.17E+00	5.68E-07	2.54E-07	8.78E-03	2.49E-04	1.60E+00	6.81E-01	9.15E+01	6.34E-03	9.15E+01	9.37E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MBN363P	4.51E-02	3.97E+00	-9.71E-04	3.95E+00	1.78E-06	0.00E+00	1.97E+03	3.46E-04	2.96E-03	3.17E-02	3.36E-03	1.75E+01	2.67E-08	4.35E-07	3.56E+01	9.20E-01	4.54E-03	1.43E-01	8.03E-02	7.63E-01	1.08E+02	3.97E+00	6.64E-07	2.87E-07	1.24E-02	2.74E-04	1.66E+00	7.91E-01	1.10E+02	1.02E-03	1.11E+02	1.14E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+00
MBN406	2.36E-02	3.15E+00	-3.87E-02	3.20E+00	2.41E-06	0.00E+00	2.54E+03	9.22E-05	2.01E-03	2.17E-02	3.44E-03	4.69E+00	3.83E-08	1.25E-07	8.69E+00	2.03E-01	4.69E-03	1.73E-01	3.38E-02	4.91E-01	1.32E+02	3.61E+00	5.01E-07	1.51E-07	8.03E-03	2.16E-04	6.08E-01	8.91E-01	1.36E+02	5.03E-04	1.36E+02	1.37E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MBN406E	2.32E-02	3.09E+00	-3.88E-02	3.14E+00	2.41E-06	0.00E+00	2.54E+03	9.23E-05	1.94E-03	2.09E-02	3.37E-03	4.33E+00	3.62E-08	1.24E-07	8.68E+00	2.03E-01	4.55E-03	1.69E-01	3.35E-02	4.84E-01	1.20E+02	3.61E+00	4.95E-07	1.47E-07	7.96E-03	2.12E-04	5.87E-01	8.90E-01	1.22E+02	5.11E-04	1.22E+02	1.20E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MBN406P	3.00E-02	3.36E+00	-3.48E-02	3.40E+00	1.84E-06	0.00E+00	2.26E+03	1.13E-04	2.51E-03	2.70E-02	3.96E-03	4.77E+00	9.80E-08	1.56E-07	8.04E+00	2.51E-01	5.55E-03	1.63E-01	5.05E-02	6.41E-01	1.23E+02	3.88E+00	4.86E-07	1.93E-07	9.95E-03	2.81E-04	9.60E-01	9.04E-01	1.26E+02	9.25E-04	1.26E+02	1.32E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MBN410	2.32E-02	3.17E+00	-3.89E-02	3.21E+00	2.41E-06	0.00E+00	2.54E+03	9.75E-05	2.01E-03	2.16E-02	3.48E-03	4.52E+00	3.82E-08	1.28E-07	9.43E+00	2.06E-01	4.72E-03	1.76E-01	3.35E-02	4.88E-01	1.34E+02	3.61E+00	4.94E-07	1.50E-07	7.82E-03	2.16E-04	6.20E-01	8.91E-01	1.38E+02	4.13E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MBN410E	2.32E-02	3.17E+00	-3.89E-02	3.21E+00	2.41E-06	0.00E+00	2.54E+03	9.75E-05	2.01E-03	2.16E-02	3.48E-03	4.52E+00	3.82E-08	1.28E-07	9.43E+00	2.06E-01	4.72E-03	1.76E-01	3.35E-02	4.88E-01	1.34E+02	3.61E+00	4.94E-07	1.50E-07	7.82E-03	2.16E-04	6.20E-01	8.91E-01	1.38E+02	4.13E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MBN410P	3.03E-02	3.37E+00	-3.46E-02	3.41E+00	1.80E-06	0.00E+00	2.27E+03	1.68E-04	2.53E-03	2.71E-02	3.96E-03	9.45E+00	1.27E-07	2.01E-07	1.73E+01	3.84E-01	5.55E-03	1.63E-01	5.19E-02	6.41E-01	1.23E+02	3.86E+00	5.14E-07	1.95E-07	9.96E-03	2.81E-04	1.03E+00	9.05E-01	1.26E+02	9.29E-04	1.26E+02	1.32E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MBN413	2.35E-02	3.20E+00	-3.32E-02	3.22E+00	2.41E-06	0.00E+00	2.29E+03	9.75E-05	1.94E-03	2.08E-02	3.48E-03	4.58E+00	2.53E-08	1.29E-07	9.73E+00	2.07E-01	4.71E-03	1.79E-01	3.47E-02	4.91E-01	1.34E+02	3.56E+00	4.95E-07	1.48E-07	7.81E-03	2.16E-04	6.21E-01	7.51E-01	1.38E+02	4.21E-04	1.38E+02	1.40E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MBN413E	2.36E-02	3.18E+00	-3.48E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.75E-05	1.94E-03	2.08E-02	3.49E-03	4.65E+00	2.51E-08	1.30E-07	9.79E+00	2.06E-01	4.72E-03	1.76E-01	3.48E-02	4.92E-01	1.34E+02	3.61E+00	4.96E-07	1.49E-07	7.83E-03	2.16E-04	6.30E-01	8.19E-01	1.38E+02	4.12E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MBN416	2.33E-02	3.25E+00	-3.49E-02	3.33E+00	2.40E-06	0.00E+00	2.43E+03	9.08E-05	2.01E-03	2.12E-02	3.51E-03	5.17E+00	3.56E-08	1.32E-07	1.09E+01	1.93E-01	4.77E-03	1.76E-01	3.47E-02	4.64E-01	1.34E+02	3.56E+00	4.92E-07	1.46E-07	7.70E-03	2.12E-04	5.79E-01	8.36E-01	1.38E+02	4.03E-04	1.38E+02	1.40E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBN416E	2.35E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.93E-03	2.08E-02	3.49E-03	5.03E+00	2.67E-08	1.34E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.43E-02	4.92E-01	1.34E+02	3.60E+00	4.96E-07	1.49E-07	7.81E-03	2.16E-04	6.31E-01	8.19E-01	1.37E+02	4.09E-04	1.37E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MBN416P	3.32E-02	2.91E+00	-2.27E-02	2.93E+00	1.84E-06	0.00E+00	2.12E+03	3.36E-04	2.41E-03	2.64E-02	3.25E-03	1.12E+01	1.44E-07	3.25E-07	2.28E+01	8.25E-01	4.50E-03	1.31E-01	5.91E-02	6.22E-01	1.07E+02	3.42E+00	4.73E-07	2.05E-07	9.74E-03	2.28E-04	1.37E+00	8.95E-01	1.09E+02	4.79E-04	1.10E+02	1.12E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MBN420	2.47E-02	2.45E+00	-2.07E-02	2.43E+00	2.28E-06	0.00E+00	1.10E+03	8.89E-05	1.84E-03	1.96E-02	3.59E-03	5.98E+00	1.79E-08	1.52E-07	1.30E+01	1.91E-01	4.85E-03	1.77E-01	3.61E-02	4.77E-01	1.34E+02	2.81E+00	4.95E-07	1.58E-07	7.90E-03	2.05E-04	5.92E-01	5.61E-01	1.38E+02	4.43E-04	1.38E+02	1.40E+02	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MBN420E	2.49E-02	2.45E+00	-2.33E-02	2.43E+00	2.29E-06	0.00E+00	1.10E+03	9.66E-05	1.84E-03	1.96E-02	3.56E-03	5.94E+00	1.82E-08	1.52E-07	1.29E+01	2.04E-01	4.83E-03	1.76E-01	3.63E-02	5.11E-01	1.33E+02	2.81E+00	4.97E-07	1.60E-07	8.04E-03	2.10E-04	6.37E-01	6.28E-01	1.38E+02	4.49E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MBN420P	3.31E-02	3.42E+00	-2.74E-02	3.47E+00	1.78E-06	0.00E+00	2.26E+03	2.03E-04	2.79E-03	2.95E-02	4.08E-03	1.06E+01	4.67E-07	2.40E-07	1.90E+01	4.48E-01	5.65E-03	1.78E-01	5.71E-02	6.56E-01	1.19E+02	3.90E+00	5.54E-07	2.14E-07	1.03E-02	2.80E-04	1.22E+00	9.06E-01	1.20E+02	8.60E-04	1.20E+02	1.25E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MBN425	2.73E-02	3.27E+00	-3.21E-02	3.30E+00	2.41E-06	0.00E+00	2.32E+03	1.10E-04	2.03E-03	2.19E-02	3.63E-03	7.44E+00	2.55E-08	1.81E-07	1.55E+01	2.36E-01	4.95E-03	1.80E-01	3.94E-02	5.14E-01	1.34E+02	3.64E+00	5.09E-07	1.72E-07	8.33E-03	2.18E-04	6.35E-01	8.37E-01	1.39E+02	5.61E-04	1.39E+02	1.40E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MBN425E	2.70E-02	3.25E+00	-3.29E-02	3.28E+00	2.41E-06	0.00E+00	2.57E+03	9.90E-05	2.01E-03	2.17E-02	3.66E-03	7.23E+00	2.94E-08	1.74E-07	1.54E+01	2.06E-01	4.95E-03	1.77E-01	3.84E-02	5.12E-01	1.35E+02	3.64E+00	5.10E-07	1.71E-07	8.31E-03	2.17E-04	6.15E-01	8.36E-01	1.38E+02	5.54E-04	1.38E+02	1.40E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MBN425P	3.76E-02	3.51E+00	-1.93E-02	3.56E+00	1.84E-06	0.00E+00	2.25E+03	4.65E-04	2.77E-03	2.92E-02	4.01E-03	1.36E+01	4.67E-07	3.53E-07	2.40E+01	1.23E+00	5.56E-03	1.78E-01	6.83E-02	6.71E-01	1.18E+02	3.92E+00	5.51E-07	2.35E-07	1.03E-02	2.79E-04	1.44E+00	8.66E-01	1.20E+02	8.77E-04	1.21E+02	1.25E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+00
MBN432	5.07E-02	3.65E+00	-7.22E-04	3.68E+00	2.77E-06	0.00E+00	2.40E+03	5.18E-04	2.88E-03	3.01E-02	4.39E-03	1.96E+01	4.32E-08	4.65E-07	4.21E+01	1.46E+00	5.81E-03	1.88E-01	6.77E-02	6.81E-01	1.21E+02	2.97E+00	7.81E-07	2.93E-07	1.21E-02	3.18E-04	1.67E+00	9.84E-01	1.29E+02	6.38E-03	1.28E+02	1.42E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
MBN432E	3.79E-02	3.28E+00	-2.42E-02	3.29E+00	2.74E-06	0.00E+00	1.41E+03	5.71E-04	2.30E-03	2.49E-02	4.25E-03	1.39E+01	6.38E-07	3.73E-07	2.93E+01	1.48E+00	5.65E-03	1.91E-01	5.31E-02	6.86E-01	1.19E+02	2.93E+00	5.85E-07	2.36E-07	1.01E-02	2.61E-04	1.44E+00	1.28E+00	1.23E+02	7.64E-03	1.24E+02	1.25E+02	2.59E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MBN432P	3.92E-02	3.66E+00	-1.75E-02	3.65E+00	1.86E-06	0.00E+00	2.24E+03	5.27E-04	2.71E-03	2.91E-02	4.07E-03	1.40E+01	4.79E-07	3.61E-07	2.63E+01	1.38E+00	5.64E-03	1.78E-01	7.21E-02	7.09E-01	1.14E+02	4.02E+00	6.18E-07	2.44E-07	1.04E-02	2.84E-04	1.46E+00	9.12E-01	1.16E+02	9.16E-04	1.16E+02	1.22E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MBN440	5.06E-02	2.91E+00	1.26E-02	2.87E+00	2.60E-06	0.00E+00	1.05E+03	5.21E-04	2.67E-03	2.63E-02	4.36E-03	1.97E+01	2.73E-08	4.68E-07	4.29E+01	1.48E+00	5.78E-03	1.86E-01	6.78E-02	6.60E-01	1.18E+02	2.72E+00	7.67E-07	2.93E-07	1.19E-02	3.18E-04	1.66E+00	6.82E-01	1.27E+02	6.41E-03	1.27E+02	1.39E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MBN440E	3.78E-02	3.29E+00	-1.24E-02	3.31E+00	2.74E-06	0.00E+00	1.41E+03	5.70E-04	2.31E-03	2.50E-02	4.10E-03	1.39E+01	6.38E-07	3.73E-07	3.04E+01	1.49E+00	5.61E-03	1.92E-01	5.33E-02	6.89E-01	1.22E+02	2.93E+00	6.71E-07	2.37E-07	1.02E-02	2.62E-04	1.45E+00	9.37E-01	1.25E+02	7.53E-03	1.25E+02	1.27E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MBN440P	4.50E-02	3.76E+00	-1.67E-02	3.77E+00	1.78E-06	0.00E+00	2.23E+03	5.50E-04	2.74E-03	2.94E-02	4.18E-03	2.03E+01	4.78E-07	4.68E-07	3.35E+01	1.48E+00	5.92E-03	1.77E-01	7.37E-02	7.75E-01	1.14E+02	4.03E+00	6.33E-07	2.84E-07	1.07E-02	2.99E-04	1.97E+00	9.11E-01	1.17E+02	1.02E-03	1.17E+02	1.22E+02	2.77E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
MBN450	4.89E-02	3.53E+00	1.35E-02	3.50E+00	2.69E-06	0.00E+00	1.40E+03	6.13E-04	2.57E-03	2.81E-02	4.40E-03	2.37E+01	2.57E-08	5.37E-07	4.85E+01	1.77E+00	5.95E-03	1.96E-01	6.91E-02	8.15E-01	1.20E+02	2.94E+00	7.40E-07	3.23E-07	1.17E-02	3.21E-04	2.06E+00	7.94E-01	1.24E+02	8.46E-03	1.24E+02	1.27E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MBN450E	4.98E-02	3.50E+00	1.35E-02	3.47E+00	2.69E-06	0.00E+00	1.40E+03	6.13E-04	2.57E-03	2.81E-02	4.42E-03	2.40E+01	3.75E-08	5.43E-07	4.88E+01	1.77E+00	6.01E-03	1.93E-01	6.93E-02	8.16E-01	1.20E+02	2.92E+00	7.38E-07	3.28E-07	1.17E-02	3.23E-04	2.04E+00	9.49E-01	1.23E+02	8.68E-03	1.24E+02	1.26E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MBN450P	4.81E-02	3.83E+00	-8.76E-04	3.80E+00	1.83E-06	0.00E+00	2.17E+03	5.50E-04	2.91E-03	3.10E-02	4.15E-03	2.29E+01	3.72E-08	5.34E-07	4.37E+01	1.50E+00	6.05E-03	1.78E-01	8.24E-02	7.96E-01	1.13E+02	4.04E+00	6.68E-07	3.12E-07	1.12E-02	3.03E-04	2.07E+00	9.09E-01	1.17E+02	1.37E-03	1.17E+02	1.21E+02	2.89E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+00
MBN463	4.92E-02	3.49E+00	1.31E-02	3.47E+00	2.69E-06	0.00E+00	1.40E+03	6.00E-04	2.56E-03	2.80E-02	4.38E-03	2.39E+01	3.76E-08	5.39E-07	4.89E+01	1.76E+00	5.99E-03	1.93E-01	6.94E-02	8.42E-01	1.21E+02	2.91E+00	7.41E-07	3.27E-07	1.17E-02	3.16E-04	2.08E+00	9.48E-01	1.24E+02	8.46E-03	1.24E+02	1.27E+02	3.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
MBN463E	5.06E-02	3.50E+00	1.31E-02	3.48E+00	2.69E-06	0.00E+00	1.40E+03	6.00E-04	2.57E-03	2.81E-02	4.47E-03	2.43E+01	3.76E-08	5.50E-07	4.92E+01	1.76E+00	6.05E-03	1.94E-01	6.95E-02	8.64E-01	1.22E+02	2.91E+00	7.42E-07	3.35E-07	1.18E-02	3.20E-04	2.09E+00	1.02E+00	1.25E+02	8.68E-03	1.25E+02	1.27E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MBN463P	4.81E-02	3.82E+00	-1.05E-03	3.83E+00	1.85E-06	0.00E+00	2.18E+03	5.50E-04	2.91E-03	3.10E-02	4.17E-03	2.30E+01	3.84E-08	5.34E-07	4.39E+01	1.50E+00	6.08E-03	1.78E-01	8.22E-02	8.23E-01	1.12E+02	4.04E+00	6.69E-07	3.14E-07	1.13E-02	3.01E-04	2.07E+00	9.14E-01	1.17E+02	1.38E-03	1.17E+02	1.21E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+00
MBN506	1.12E-02	1.61E+00	-2.41E-02	1.66E+00	1.61E-06	0.00E+00	1.52E+03	5.47E-05	1.35E-03	1.42E-02	1.73E-03	2.64E+00	1.83E-08	6.23E-08	5.39E+00	1.15E-01	2.35E-03	8.88E-02	1.56E-02	2.31E-01	6.69E+01	2.14E+00	2.45E-07	6.95E-08	3.86E-03	1.05E-04	2.85E-01	5.37E-01	6.88E+01	2.22E-04	6.89E+01	6.97E+01	7.12E-01	0.00E+00	0.00E+00	0.00E+00	6.84E-01

MBN506E	1.11E-02	1.58E+00	-1.84E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.93E-05	9.53E-04	1.02E-02	1.73E-03	2.14E+00	1.24E-08	5.93E-08	4.56E+00	1.03E-01	2.34E-03	8.83E-02	1.62E-02	2.19E-01	6.67E+01	1.82E+00	2.45E-07	6.96E-08	3.81E-03	1.04E-04	2.73E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.92E+01	6.81E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-01
MBN510	1.13E-02	1.61E+00	-2.17E-02	1.66E+00	1.53E-06	0.00E+00	1.52E+03	5.34E-05	1.34E-03	1.42E-02	1.72E-03	2.31E+00	1.86E-08	6.40E-08	5.24E+00	1.06E-01	2.33E-03	8.84E-02	1.63E-02	2.31E-01	6.72E+01	2.13E+00	2.46E-07	7.12E-08	3.84E-03	1.07E-04	3.18E-01	4.74E-01	6.90E+01	2.06E-04	6.90E+01	6.98E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	6.82E-01
MBN510E	1.10E-02	1.58E+00	-1.81E-02	1.59E+00	1.50E-06	0.00E+00	1.27E+03	4.91E-05	9.53E-04	1.02E-02	1.72E-03	2.16E+00	1.22E-08	5.96E-08	4.59E+00	1.03E-01	2.33E-03	8.80E-02	1.63E-02	2.29E-01	6.70E+01	1.80E+00	2.46E-07	6.99E-08	3.81E-03	1.07E-04	3.08E-01	4.08E-01	6.88E+01	1.98E-04	6.88E+01	6.95E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MBN513	1.24E-02	1.27E+00	-1.44E-02	1.28E+00	1.46E-06	0.00E+00	1.09E+03	5.82E-05	8.19E-04	8.61E-03	1.65E-03	3.39E+00	1.46E-08	8.98E-08	7.19E+00	1.14E-01	2.09E-03	6.18E-02	1.68E-02	1.52E-01	4.88E+01	1.39E+00	1.29E-07	7.94E-08	3.18E-03	6.15E-05	2.67E-01	2.79E-01	5.06E+01	1.96E-04	5.05E+01	5.09E+01	6.43E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MBN513E	1.16E-02	1.59E+00	-1.96E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	5.22E-05	9.70E-04	1.04E-02	1.76E-03	2.50E+00	2.05E-08	6.62E-08	5.41E+00	1.08E-01	2.38E-03	8.80E-02	1.72E-02	2.50E-01	6.70E+01	1.80E+00	2.49E-07	7.58E-08	3.90E-03	1.08E-04	3.16E-01	4.10E-01	6.88E+01	2.04E-04	6.88E+01	6.95E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MBN516	9.56E-03	1.16E+00	-1.54E-02	1.22E+00	1.45E-06	0.00E+00	1.11E+03	6.71E-05	6.87E-04	7.36E-03	1.59E-03	3.41E+00	1.25E-08	8.15E-08	6.48E+00	1.36E-01	2.17E-03	6.17E-02	1.50E-02	1.54E-01	4.90E+01	1.41E+00	1.30E-07	6.19E-08	3.26E-03	6.35E-05	2.60E-01	2.61E-01	5.09E+01	1.77E-04	5.08E+01	5.12E+01	6.47E-01	0.00E+00	0.00E+00	0.00E+00	6.47E-01
MBN516E	1.15E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.62E-04	1.03E-02	1.74E-03	2.49E+00	1.23E-08	6.56E-08	5.33E+00	1.03E-01	2.36E-03	8.80E-02	1.68E-02	2.29E-01	6.71E+01	1.80E+00	2.48E-07	7.26E-08	3.87E-03	1.08E-04	3.17E-01	4.10E-01	6.89E+01	2.02E-04	6.89E+01	6.97E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MBN520	1.30E-02	1.57E+00	-1.30E-02	1.58E+00	1.51E-06	0.00E+00	1.26E+03	9.25E-05	1.00E-03	1.07E-02	1.76E-03	3.75E+00	1.65E-07	9.30E-08	8.34E+00	1.92E-01	2.40E-03	8.81E-02	1.92E-02	2.45E-01	6.60E+01	1.59E+00	2.55E-07	8.37E-08	4.06E-03	1.09E-04	3.70E-01	2.63E-01	6.77E+01	2.27E-04	6.73E+01	6.78E+01	7.73E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-01
MBN520E	1.35E-02	1.59E+00	-1.47E-02	1.60E+00	1.54E-06	0.00E+00	1.28E+03	9.99E-05	1.01E-03	1.09E-02	1.78E-03	3.91E+00	1.66E-07	9.49E-08	8.51E+00	2.12E-01	2.40E-03	8.85E-02	1.91E-02	2.63E-01	6.41E+01	1.80E+00	2.56E-07	8.62E-08	4.11E-03	1.11E-04	4.42E-01	4.13E-01	6.59E+01	2.21E-04	6.59E+01	6.68E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MBN525	1.40E-02	1.60E+00	-1.26E-02	1.60E+00	1.56E-06	0.00E+00	1.27E+03	9.82E-05	1.03E-03	1.11E-02	1.79E-03	4.60E+00	1.67E-07	1.05E-07	9.94E+00	2.08E-01	2.45E-03	8.85E-02	1.98E-02	2.59E-01	6.46E+01	1.82E+00	2.59E-07	8.98E-08	4.19E-03	1.09E-04	4.12E-01	3.40E-01	6.63E+01	2.67E-04	6.61E+01	6.68E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	8.30E-01
MBN525E	1.45E-02	1.61E+00	-1.40E-02	1.62E+00	1.57E-06	0.00E+00	1.29E+03	1.00E-04	1.03E-03	1.11E-02	1.83E-03	4.60E+00	1.66E-07	1.07E-07	9.99E+00	2.12E-01	2.48E-03	8.88E-02	2.02E-02	2.58E-01	6.41E+01	1.82E+00	2.60E-07	9.19E-08	4.24E-03	1.11E-04	4.15E-01	4.19E-01	6.59E+01	2.69E-04	6.59E+01	6.68E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	8.68E-01
MBN532	2.33E-02	1.91E+00	-1.33E-03	1.95E+00	1.72E-06	0.00E+00	1.02E+03	2.78E-04	1.31E-03	1.39E-02	2.16E-03	9.24E+00	2.10E-08	2.51E-07	1.92E+01	6.32E-01	2.82E-03	1.05E-01	3.65E-02	3.40E-01	6.50E+01	1.57E+00	4.93E-07	1.53E-07	5.78E-03	1.61E-04	9.87E-01	2.71E-01	6.80E+01	3.77E-03	6.76E+01	6.90E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
MBN532E	1.86E-02	1.63E+00	-4.67E-03	1.63E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.13E-03	1.23E-02	2.06E-03	6.94E+00	3.17E-07	1.87E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.60E-02	3.18E-01	6.04E+01	1.46E+00	2.92E-07	1.17E-07	4.98E-03	1.30E-04	7.39E-01	4.42E-01	6.19E+01	3.84E-03	6.19E+01	6.31E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MBN540	2.46E-02	2.01E+00	4.56E-03	2.05E+00	1.81E-06	0.00E+00	1.39E+03	2.80E-04	1.55E-03	1.70E-02	2.22E-03	1.06E+01	2.73E-08	2.59E-07	2.38E+01	6.44E-01	2.85E-03	1.05E-01	4.15E-02	3.47E-01	6.50E+01	2.31E+00	5.80E-07	1.63E-07	5.78E-03	1.62E-04	1.02E+00	5.60E-01	6.75E+01	4.02E-03	6.76E+01	7.00E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MBN540E	1.91E-02	1.65E+00	-4.47E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.97E+00	3.19E-07	1.90E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.41E-01	4.42E-01	6.22E+01	3.76E-03	6.22E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN550	2.45E-02	1.87E+00	4.42E-03	1.86E+00	1.70E-06	0.00E+00	1.02E+03	2.45E-04	1.29E-03	1.37E-02	2.17E-03	9.93E+00	2.21E-08	2.43E-07	2.16E+01	6.33E-01	2.84E-03	9.38E-02	3.59E-02	3.46E-01	6.35E+01	1.50E+00	3.56E-07	1.60E-07	5.75E-03	1.60E-04	9.96E-01	2.88E-01	6.52E+01	3.97E-03	6.49E+01	6.43E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MBN550E	2.51E-02	1.73E+00	6.98E-03	1.72E+00	1.63E-06	0.00E+00	6.98E+02	3.08E-04	1.26E-03	1.38E-02	2.18E-03	1.22E+01	1.43E-08	2.74E-07	2.51E+01	8.98E-01	2.95E-03	9.66E-02	3.46E-02	4.02E-01	5.91E+01	1.45E+00	3.77E-07	1.64E-07	5.80E-03	1.65E-04	1.03E+00	4.54E-01	6.06E+01	4.23E-03	6.06E+01	6.20E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MBN563	3.51E-02	1.99E+00	5.24E-03	2.00E+00	1.85E-06	0.00E+00	1.40E+03	3.47E-04	1.56E-03	1.68E-02	2.30E-03	1.68E+01	2.80E-08	4.09E-07	3.61E+01	1.08E+00	2.97E-03	9.62E-02	4.04E-02	3.62E-01	6.39E+01	2.32E+00	4.10E-07	1.97E-07	6.01E-03	1.64E-04	1.46E+00	5.23E-01	6.54E+01	4.11E-03	6.55E+01	6.64E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MBN563E	2.55E-02	1.74E+00	7.15E-03	1.73E+00	1.63E-06	0.00E+00	6.98E+02	3.08E-04	1.27E-03	1.39E-02	2.19E-03	1.23E+01	1.51E-08	2.77E-07	2.54E+01	8.98E-01	2.96E-03	9.69E-02	3.50E-02	4.29E-01	5.95E+01	1.45E+00	3.78E-07	1.69E-07	5.86E-03	1.65E-04	1.06E+00	4.55E-01	6.10E+01	4.23E-03	6.10E+01	6.25E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MBN606	2.29E-02	3.15E+00	-3.91E-02	3.21E+00	2.42E-06	0.00E+00	2.56E+03	9.51E-05	2.01E-03	2.15E-02	3.47E-03	4.80E+00	3.79E-08	1.25E-07	9.01E+00	1.98E-01	4.69E-03	1.76E-01	3.35E-02	4.75E-01	1.34E+02	3.63E+00	4.91E-07	1.46E-07	7.81E-03	2.12E-04	5.83E-01	8.91E-01	1.37E+02	4.89E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MBN606E	2.24E-02	3.16E+00	-3.67E-02	3.19E+00	2.41E-06	0.00E+00	2.57E+03	9.87E-05	1.91E-03	2.05E-02	3.45E-03	4.30E+00	2.58E-08	1.20E-07	9.14E+00	2.05E-01	4.67E-03	1.77E-01	3.27E-02	4.57E-01	1.34E+02	3.63E+00	4.89E-07	1.41E-07	7.67E-03	2.08E-04	5.59E-01	8.15E-01	1.37E+02	5.23E-04	1.37E+02	1.39E+02	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MBN610	2.32E-02	3.15E+00	-3.90E-02	3.21E+00	2.41E-06	0.00E+00	2.54E+03	9.63E-05	2.01E-03	2.16E-02	3.48E-03	4.77E+00	3.82E-08	1.26E-07	1.01E+01	2.05E-01	4.70E-03	1.76E-01	3.34E-02	4.80E-01	1.34E+02	3.61E+00	4.95E-07	1.49E-07	7.79E-03	2.16E-04	6.25E-01	8.91E-01	1.38E+02	4.18E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MBN610E	2.24E-02	3.15E+00	-3.61E-02	3.19E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.91E-03	2.05E-02	3.44E-03	4.34E+00	2.55E-08	1.20E-07	9.20E+00	2.06E-01	4.66E-03	1.76E-01	3.29E-02	4.73E-01	1.34E+02	3.60E+00	4.92E-07	1.42E-07	7.66E-03	2.14E-04	6.15E-01	8.15E-01	1.37E+02	4.01E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MBN613	2.34E-02	3.18E+00	-3.91E-02	3.22E+00	2.42E-06	0.00E+00	2.54E+03	1.01E-04	1.94E-03	2.08E-02	3.53E-03	4.95E+00	4.12E-08	1.30E-07	1.05E+01	2.15E-01	4.77E-03	1.76E-01	3.37E-02	4.82E-01	1.34E+02	3.61E+00	4.95E-07	1.49E-07	7.83E-03	2.16E-04	6.28E-01	8.89E-01	1.37E+02	4.12E-04	1.37E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MBN613E	2.33E-02	3.17E+00	-3.86E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	1.01E-04	1.94E-03	2.08E-02	3.50E-03	4.91E+00	3.07E-08	1.30E-07	1.04E+01	2.15E-01	4.73E-03	1.76E-01	3.36E-02	4.80E-01	1.34E+02	3.60E+00	4.97E-07	1.48E-07	7.80E-03	2.16E-04	6.32E-01	8.11E-01	1.37E+02	4.12E-04	1.37E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MBN616	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.93E-03	2.07E-02	3.49E-03	5.00E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.40E-02	4.75E-01	1.34E+02	3.60E+00	4.96E-07	1.47E-07	7.79E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN616E	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.93E-03	2.07E-02	3.49E-03	5.00E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.40E-02	4.75E-01	1.34E+02	3.60E+00	4.96E-07	1.47E-07	7.79E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN620	2.48E-02	2.46E+00	-2.40E-02	2.44E+00	2.31E-06	0.00E+00	1.10E+03	1.33E-04	1.85E-03	1.94E-02	3.56E-03	5.54E+00	1.78E-07	1.44E-07	1.18E+01	2.84E-01	4.81E-03	1.76E-01	3.67E-02	4.98E-01	1.31E+02	2.85E+00	4.98E-07	1.53E-07	7.87E-03	2.13E-04	6.70E-01	6.27E-01	1.35E+02	4.33E-04	1.35E+02	1.37E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MBN620E	2.60E-02	3.19E+00	-3.17E-02	3.22E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	1.99E-03	2.15E-02	3.55E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.81E-03	1.77E-01	3.71E-02	5.18E-01	1.31E+02	3.61E+00	5.07E-07	1.65E-07	8.12E-03	2.20E-04	7.71E-01	8.26E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBN625	2.82E-02	2.47E+00	-1.62E-02	2.44E+00	2.30E-06	0.00E+00	1.10E+03	1.43E-04	1.88E-03	1.98E-02	3.64E-03	8.03E+00	1.76E-07	1.85E-07	1.54E+01	2.97E-01	4.92E-03	1.77E-01	3.96E-02	5.16E-01	1.31E+02	2.86E+00	5.07E-07	1.78E-07	8.33E-03	2.13E-04	6.63E-01	6.07E-01	1.35E+02	5.91E-04	1.35E+02	1.37E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MBN625E	2.81E-02	3.23E+00	-3.05E-02	3.26E+00	2.45E-06	0.00E+00	2.57E+03	1.49E-04	2.03E-03	2.20E-02	3.66E-03	8.22E+00	1.81E-07	1.94E-07	1.77E+01	3.14E-01	4.95E-03	1.77E-01	3.94E-02	5.14E-01	1.31E+02	3.64E+00	5.16E-07	1.77E-07	8.40E-03	2.19E-04	7.22E-01	8.36E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MBN632	4.91E-02	3.63E+00	-3.57E-03	3.67E+00	2.77E-06	0.00E+00	2.39E+03	5.12E-04	2.85E-03	2.99E-02	4.34E-03	1.91E+01	4.30E-08	4.46E-07	4.11E+01	1.43E+00	5.75E-03	1.86E-01	6.62E-02	6.53E-01	1.21E+02	2.96E+00	7.13E-07	2.81E-07	1.20E-02	3.17E-04	1.63E+00	9.86E-01	1.30E+02	6.37E-03	1.30E+02	1.42E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00
MBN632E	3.77E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.27E-03	2.46E-02	4.13E-03	1.39E+01	6.36E-07	3.77E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.26E-02	6.61E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.00E-02	2.60E-04	1.47E+00	8.84E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MBN640	5.07E-02	3.75E+00	1.21E-02	3.78E+00	2.77E-06	0.00E+00	2.07E+03	5.20E-04	2.92E-03	3.03E-02	4.39E-03	1.99E+01	4.50E-08	4.64E-07	4.35E+01	1.47E+00	5.81E-03	1.86E-01	6.86E-02	6.78E-01	1.18E+02	2.96E+00	7.79E-07	2.93E-07	1.21E-02	3.18E-04	1.63E+00	9.89E-01	1.27E+02	6.45E-03	1.26E+02	1.39E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
MBN640E	3.83E-02	3.31E+00	-8.93E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.30E-03	2.50E-02	4.13E-03	1.39E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.41E-07	1.01E-02	2.62E-04	1.48E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MBN650	5.46E-02	3.66E+00	1.33E-02	3.62E+00	2.64E-06	0.00E+00	2.05E+03	5.34E-04	2.81E-03	2.97E-02	4.46E-03	2.42E+01	4.41E-08	5.49E-07	4.84E+01	1.60E+00	6.02E-03	1.76E-01	6.86E-02	8.14E-01	1.17E+02	2.92E+00	5.89E-07	3.32E-07	1.19E-02	3.24E-04	1.99E+00	9.79E-01	1.23E+02	6.93E-03	1.22E+02	1.29E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MBN650E	5.02E-02	3.45E+00	1.40E-02	3.44E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.52E-03	2.77E-02	4.35E-03	2.44E+01	2.86E-08	5.48E-07	5.03E+01	1.79E+00	5.89E-03	1.93E-01	6.91E-02	8.03E-01	1.18E+02	2.91E+00	7.55E-07	3.27E-07	1.16E-02	3.30E-04	2.05E+00	9.06E-01	1.21E+02	8.46E-03	1.21E+02	1.24E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MBN663	4.90E-02	2.83E+00	1.22E-02	2.77E+00	2.64E-06	0.00E+00	1.99E+03	5.10E-04	2.64E-03	2.72E-02	4.36E-03	1.98E+01	3.29E-08	4.56E-07	4.36E+01	1.50E+00	5.69E-03	1.77E-01	6.14E-02	6.59E-01	1.17E+02	2.43E+00	5.61E-07	2.90E-07	1.14E-02	3.11E-04	1.65E+00	7.71E-01	1.24E+02	6.92E-03	1.23E+02	1.30E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+00
MBN663E	5.10E-02	3.47E+00	1.43E-02	3.46E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.54E-03	2.79E-02	4.38E-03	2.46E+01	3.02E-08	5.54E-07	5.09E+01	1.80E+00	5.93E-03	1.94E-01	7.00E-02	8.57E-01	1.19E+02	2.91E+00	7.57E-07	3.38E-07	1.17E-02	3.31E-04	2.12E+00	9.09E-01	1.22E+02	8.46E-03	1.22E+02	1.25E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MBS006C	6.09E-03	8.83E-01	-2.07E-02	8.85E-01	1.04E-06	0.00E+00	1.37E+03	3.59E-05	7.73E-04	7.98E-03	9.04E-04	1.41E+00	1.39E-08	3.60E-08	2.54E+00	8.53E-02	1.15E-03	5.01E-02	8.23E-03	1.29E-01	3.31E+01	1.28E+00	1.28E-07	4.20E-08	2.06E-03	4.96E-05	1.68E-01	4.02E-01	3.44E+01	1.05E-04	3.45E+01	3.51E+01	3.85E-01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MBS010C	5.52E-03	8.41E-01	-1.85E-02	8.46E-01	1.04E-06	0.00E+00	6.69E+02	3.45E-05	7.01E-04	7.31E-03	8.94E-04	1.39E+00	1.26E-08	3.65E-08	2.50E+00	9.46E-02	1.15E-03	4.61E-02	8.26E-03	9.51E-02	2.55E+01	1.13E+00	1.05E-07	3.75E-08	2.10E-03	2.07E-05	1.68E-01	3.83E-01	2.56E+01	7.99E-05	2.58E+01	2.68E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	3.72E-01
MBS013C	6.09E-03	8.13E-01	-9.13E-03	8.29E-01	9.23E-07	0.00E+00	6.62E+02	3.42E-05	4.98E-04	5.36E-03	8.12E-04	1.43E+00	1.02E-08	3.94E-08	2.68E+00	9.48E-02	1.11E-03	4.47E-02	8.54E-03	1.27E-01	3.34E+01	9.30E-01	1.27E-07	4.18E-08	2.05E-03	4.87E-05	1.70E-01	2.17E-01	3.45E+01	1.01E-04	3.45E+01	3.53E+01	3.89E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MBS016C	6.10E-03	8.13E-01	-9.12E-03	8.29E-01	9.23E-07	0.00E+00	6.62E+02	3.39E-05	4.99E-04	5.36E-03	8.12E-04	1.42E+00	1.02E-08	3.94E-08	2.58E+00	9.48E-02	1.11E-03	4.47E-02	8.58E-03	1.26E-01	3.34E+01	9.30E-01	1.27E-07	4.18E-08	2.05E-03	4.87E-05	1.70E-01	2.18E-01	3.45E+01	1.01E-04	3.45E+01	3.53E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MBS106	7.16E-03	7.94E-01	-6.58E-03	8.01E-01	9.54E-07	0.00E+00	6.74E+02	7.45E-05	5.14E-04	5.58E-03	8.28E-04	2.27E+00	1.59E-07	5.26E-08	4.59E+00	1.58E-01	1.12E-03	4.54E-02	1.01E-02	1.45E-01	2.97E+01	9.47E-01	1.34E-07	4.97E-08	2.10E-03	5.02E-05	2.58E-01	2.00E-01	3.06E+01	1.14E-04	3.06E+01	3.11E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MBS110	4.64E-03	5.87E-01	-8.95E-03	5.96E-01	9.28E-07	0.00E+00	6.09E+02	4.41E-05	3.91E-04	4.20E-03	7.82E-04	1.50E+00	7.02E-08	3.56E-08	2.94E+00	9.49E-02	1.06E-03	2.40E-02	6.92E-03	7.62E-02	1.89E+01	8.89E-01	8.46E-08	3.25E-08	1.53E-03	2.33E-05	1.49E-01	1.95E-01	1.98E+01	6.61E-05	1.98E+01	2.01E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
MBS113	4.64E-03	5.98E-01	-8.59E-03	6.07E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	3.99E-04	4.30E-03	7.25E-04	1.63E+00	7.00E-08	3.74E-08	3.24E+00	9.49E-02	9.81E-04	3.05E-02	7.16E-03	7.37E-02	2.01E+01	8.54E-01	8.48E-08	3.22E-08	1.57E-03	2.33E-05	1.54E-01	1.89E-01	2.10E+01	6.76E-05	2.10E+01	2.13E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-01
MBS116	4.83E-03	6.00E-01	-8.58E-03	6.09E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	4.00E-04	4.31E-03	7.25E-04	1.63E+00	6.99E-08	3.74E-08	3.24E+00	9.49E-02	9.81E-04	3.05E-02	7.22E-03	7.25E-02	2.02E+01	8.54E-01	8.56E-08	3.33E-08	1.58E-03	2.34E-05	1.54E-01	1.89E-01	2.10E+01	6.76E-05	2.10E+01	2.14E+01	3.43E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-01
MBS120	4.93E-03	6.02E-01	-8.52E-03	6.11E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	4.02E-04	4.33E-03	7.30E-04	1.69E+00	7.00E-08	3.84E-08	3.35E+00	9.49E-02	9.87E-04	3.05E-02	7.35E-03	7.47E-02	2.02E+01	8.54E-01	8.59E-08	3.40E-08	1.60E-03	2.36E-05	1.56E-01	1.90E-01	2.11E+01	6.82E-05	2.11E+01	2.14E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-01
MBS120W	7.47E-03	8.67E-01	-4.84E-03	8.71E-01	9.32E-07	0.00E+00	6.59E+02	5.91E-05	5.44E-04	6.09E-03	9.10E-04	3.10E+00	1.02E-08	4.82E-08	6.02E+00	1.68E-01	1.22E-03	4.53E-02	1.16E-02	1.30E-01	3.27E+01	9.12E-01	1.33E-07	4.99E-08	2.18E-03	5.19E-05	2.06E-01	2.09E-01	3.36E+01	9.25E-04	3.36E+01	3.41E+01	4.30E-01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MBS125	9.23E-03	8.92E-01	-4.26E-03	8.96E-01	9.34E-07	0.00E+00	6.52E+02	7.11E-05	5.91E-04	6.47E-03	9.22E-04	3.38E+00	7.74E-09	7.45E-08	7.22E+00	1.93E-01	1.25E-03	4.53E-02	1.32E-02	1.34E-01	3.23E+01	9.06E-01	1.39E-07	5.88E-08	2.46E-03	5.33E-05	2.66E-01	2.10E-01	3.32E+01	8.57E-04	3.32E+01	3.36E+01	4.75E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MBS132	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.03E+00	7.03E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.58E-01	1.52E-07	6.63E-08	2.78E-03	6.07E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MBS140	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.03E+00	7.04E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.58E-01	1.52E-07	6.63E-08	2.78E-03	6.07E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MBS150	1.30E-02	9.56E-01	3.24E-03	9.52E-01	9.77E-07	0.00E+00	3.77E+02	1.50E-04	6.95E-04	7.61E-03	1.11E-03	6.12E+00	7.33E-09	1.37E-07	1.25E+01	4.38E-01	1.50E-03	4.80E-02	1.82E-02	2.00E-01	3.10E+01	7.55E-01	1.91E-07	8.51E-08	3.10E-03	7.72E-05	5.01E-01	2.29E-01	3.17E+01	2.85E-03	3.17E+01	3.24E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.81E-01
MBS163	1.32E-02	9.62E-01	3.32E-03	9.58E-01	9.77E-07	0.00E+00	3.77E+02	1.51E-04	6.99E-04	7.67E-03	1.12E-03	6.19E+00	7.73E-09	1.39E-07	1.26E+01	4.38E-01	1.51E-03	4.82E-02	1.84E-02	2.14E-01	3.12E+01	7.55E-01	1.92E-07	8.79E-08	3.13E-03	7.74E-05	5.22E-01	2.29E-01	3.20E+01	2.85E-03	3.20E+01	3.27E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	7.91E-01
MBS206C	1.08E-02	1.31E+00	-3.22E-02	1.37E+00	1.64E-06	0.00E+00	1.44E+03	7.25E-05	1.29E-03	1.35E-02	1.68E-03	2.33E+00	2.03E-08	6.42E-08	4.96E+00	1.86E-01	2.31E-03	5.50E-02	1.53E-02	2.28E-01	4.88E+01	2.13E+00	1.49E-07	6.88E-08	3.58E-03	5.86E-05	4.60E-01	6.27E-01	5.00E+01	2.22E-04	5.00E+01	5.07E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-01
MBS206E	1.90E-02	1.93E+00	-4.48E-02	1.90E+00	1.70E-06	0.00E+00	1.52E+03	1.44E-04	1.43E-03	1.52E-02	1.97E-03	2.71E+00	3.43E-07	8.90E-08	6.71E+00	3.17E-01	2.78E-03	9.90E-02	2.85E-02	3.49E-01	7.83E+01	2.11E+00	2.79E-07	1.37E-07	4.83E-03	1.16E-04	7.26E-01	9.54E-01	7.91E+01	2.73E-04	7.93E+01	8.00E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MBS210C	1.09E-02	1.32E+00	-3.22E-02	1.37E+00	1.60E-06	0.00E+00	1.45E+03	1.04E-04	1.29E-03	1.36E-02	1.68E-03	3.86E+00	2.04E-08	8.71E-08	7.39E+00	2.41E-01	2.31E-03	5.50E-02	1.53E-02	2.36E-01	4.86E+01	2.15E+00	1.48E-07	6.69E-08	3.62E-03	5.94E-05	5.75E-01	6.27E-01	4.97E+01	2.04E-04	4.97E+01	5.02E+01	7.39E-01	0.00E+00	0.00E+00	0.00E+00	6.60E-01
MBS210E	1.13E-02	1.73E+00	-2.68E-02	1.71E+00	1.64E-06	0.00E+00	1.50E+03	1.68E-04	1.39E-03	1.48E-02	1.68E-03	4.91E+00	3.41E-07	1.10E-07	9.95E+00	3.96E-01	2.31E-03	5.49E-02	1.59E-02	2.55E-01	4.81E+01	2.15E+00	1.46E-07	6.97E-08	3.88E-03	6.15E-05	5.96E-01	6.92E-01	4.93E+01	2.27E-04	4.93E+01	4.98E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	7.09E-01
MBS213C	1.13E-02	1.69E+00	-1.99E-02	1.66E+00	1.50E-06	0.00E+00	1.42E+03	1.34E-04	1.36E-03	1.45E-02	1.72E-03	3.86E+00	1.76E-08	8.54E-08	7.31E+00	3.08E-01	2.31E-03	5.45E-02	1.62E-02	2.53E-01	4.84E+01	2.15E+00	1.47E-07	6.98E-08	3.88E-03	6.01E-05	4.73E-01	4.47E-01	4.93E+01	2.03E-04	4.93E+01	4.97E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-01
MBS216C	1.18E-02	1.71E+00	-2.03E-02	1.69E+00	1.54E-06	0.00E+00	1.43E+03	1.36E-04	1.36E-03	1.44E-02	1.71E-03	4.03E+00	1.91E-08	8.86E-08	7.40E+00	3.18E-01	2.31E-03	5.50E-02	1.71E-02	2.55E-01	4.86E+01	2.14E+00	1.47E-07	7.53E-08	3.88E-03	6.10E-05	4.84E-01	4.76E-01	4.97E+01	2.09E-04	4.97E+01	5.02E+01	7.49E-01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MBS216E	1.22E-02	1.66E+00	-7.40E-03	1.63E+00	1.52E-06	0.00E+00	1.25E+03	1.91E-04	1.06E-03	1.12E-02	1.69E-03	5.21E+00	2.91E-07	1.10E-07	1.05E+01	4.56E-01	2.31E-03	9.47E-02	1.83E-02	2.43E-01	7.42E+01	1.59E+00	2.55E-07	7.96E-08	3.87E-03	1.16E-04	5.12E-01	2.65E-01	7.47E+01	2.37E-04	7.42E+01	7.56E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	8.05E-01
MBS220E	1.23E-02	1.67E+00	-1.15E-02	1.63E+00	1.47E-06	0.00E+00	1.23E+03	1.76E-04	1.07E-03	1.13E-02	1.69E-03	5.76E+00	1.24E-08	1.19E-07	1.27E+01	5.20E-01	2.31E-03	9.55E-02	1.73E-02	2.07E-01	7.46E+01	1.60E+00	2.53E-07	8.09E-08	3.84E-03	1.13E-04	5.14E-01	2.52E-01	7.51E+01	1.47E-03	7.47E+01	7.57E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-01
MBS225E	1.48E-02	1.65E+00	-8.00E-03	1.67E+00	1.49E-06	0.00E+00	1.25E+03	1.45E-04	1.14E-03	1.19E-02	1.80E-03	7.58E+00	1.26E-08	1.54E-07	1.69E+01	3.52E-01	2.47E-03	8.89E-02	1.84E-02	2.66E-01	6.44E+01	1.54E+00	2.58E-07	1.01E-07	4.19E-03	1.16E-04	4.84E-01	2.44E-01	6.49E+01	1.54E-03	6.46E+01	6.61E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MBS232E	2.20E-02	1.80E+00	-7.33E-03	1.81E+00	1.79E-06	0.00E+00	1.11E+03	2.12E-04	1.48E-03	1.60E-02	2.11E-03	8.01E+00	2.21E-08	2.09E-07	1.73E+01	6.25E-01	2.88E-03	9.75E-02	3.52E-02	3.77E-01	6.25E+01	2.32E+00	3.35E-07	1.42E-07	5.24E-03	1.38E-04	8.56E-01	6.42E-01	6.32E+01	4.14E-03	6.34E+01	6.51E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MBS263E	3.52E-02	1.96E+00	4.94E-03	1.97E+00	1.73E-06	0.00E+00	1.28E+03	3.40E-04	1.55E-03	1.67E-02	2.15E-03	1.67E+01	2.76E-08	4.06E-07	3.59E+01	1.04E+00	2.90E-03	8.85E-02	4.06E-02	3.55E-01	6.37E+01	2.31E+00	4.09E-07	1.97E-07	5.82E-03	1.64E-04	1.40E+00	5.15E-01	6.48E+01	3.95E-03	6.49E+01	6.54E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MBS306	2.16E-02	2.36E+00	-1.97E-02	2.38E+00	2.04E-06	0.00E+00	1.91E+03	2.22E-04	1.53E-03	1.66E-02	2.46E-03	6.80E+00	4.76E-07	1.55E-07	1.38E+01	4.71E-01	3.33E-03	1.36E-01	3.02E-02	4.60E-01	8.88E+01	2.71E+00	4.06E-07	1.50E-07	6.32E-03	1.74E-04	7.83E-01	6.00E-01	9.15E+01	4.33E-04	9.15E+01	9.29E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MBS310	2.15E-02	2.36E+00	-1.92E-02	2.38E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.53E-03	1.67E-02	2.47E-03	6.83E+00	4.76E-07	1.55E-07	1.38E+01	4.73E-01	3.34E-03	1.35E-01	3.03E-02	4.73E-01	8.90E+01	2.71E+00	4.08E-07	1.50E-07	6.32E-03	1.80E-04	8.21E-01	6.00E-01	9.17E+01	3.52E-04	9.17E+01	9.31E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MBS310C	1.96E-02	2.21E+00	-3.33E-02	2.19E+00	2.20E-06	0.00E+00	1.73E+03	2.01E-04	1.60E-03	1.71E-02	2.46E-03	7.12E+00	3.72E-08	1.65E-07	1.43E+01	4.09E-01	3.36E-03	1.13E-01	2.74E-02	3.93E-01	7.96E+01	3.00E+00	3.79E-07	1.30E-07	6.15E-03	1.29E-04	8.32E-01	8.13E-01	8.29E+01	3.15E-04	8.28E+01	8.33E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MBS313	2.24E-02	2.38E+00	-1.85E-02	2.40E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.55E-03	1.69E-02	2.50E-03	7.35E+00	4.77E-07	1.65E-07	1.50E+01	4.73E-01	3.39E-03	1.35E-01	3.14E-02	4.88E-01	8.94E+01	2.71E+00	4.12E-07	1.56E-07	6.44E-03	1.81E-04	8.50E-01	6.04E-01	9.21E+01	3.58E-04	9.21E+01	9.35E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
MBS313C	1.97E-02	2.67E+00	-3.32E-02	2.71E+00	2.21E-06	0.00E+00	1.96E+03	2.15E-04	1.60E-03	1.71E-02	2.53E-03	7.28E+00	2.29E-08	1.71E-07	1.44E+01	4.24E-01	3.44E-03	1.32E-01	2.76E-02	4.02E-01	8.90E+01	3.00E+00	3.89E-07	1.30E-07	6.18E-03	1.69E-04	8.37E-01	7.38E-01	9.13E+01	3.37E-04	9.20E+01	9.20E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MBS316	1.47E-02	1.80E+00	-2.53E-02	1.83E+00	2.37E-06	0.00E+00	1.71E+03	1.31E-04	1.20E-03	1.30E-02	2.17E-03	4.91E+00	2.10E-07	1.11E-07	9.75E+00	2.83E-01	2.94E-03	9.14E-02	2.19E-02	2.67E-01	6.09E+01	2.51E+00	2.61E-07	1.02E-07	4.80E-03	1.04E-04	4.97E-01	5.69E-01	6.34E+01	2.13E-04	6.34E+01	6.44E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-01
MBS316C	1.98E-02	2.61E+00	-2.92E-02	2.62E+00	2.20E-06	0.00E+00	1.84E+03	2.14E-04	1.60E-03	1.72E-02	2.48E-03	7.33E+00	2.31E-08	1.75E-07	1.45E+01	4.34E-01	3.36E-03	1.28E-01	2.85E-02	3.97E-01	8.73E+01	2.98E+00	3.90E-07	1.30E-07	6.15E-03	1.60E-04	8.31E-01	6.38E-01	8.98E+01	3.36E-04	8.99E+01	8.99E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MBS320	2.64E-02	2.64E+00	-1.35E-02	2.66E+00	2.39E-06	0.00E+00	1.90E+03	2.13E-04	1.75E-03	1.91E-02	2.55E-03	9.40E+00	2.17E-08	2.01E-07	1.94E+01	5.76E-01	3.45E-03	1.37E-01	3.80E-02	4.24E-01	9.42E+01	2.71E+00	4.29E-07	1.75E-07	7.29E-03	1.89E-04	7.98E-01	6.08E-01	9.69E+01	2.58E-03	9.69E+01	9.83E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MBS320W	2.28E-02	2.63E+00	-1.16E-02	2.63E+00	2.11E-06	0.00E+00	1.06E+03	1.46E-04	1.34E-03	1.44E-02	2.60E-03	9.30E+00	1.73E-08	2.07E-07	1.97E+01	3.45E-01	3.52E-03	1.22E-01	3.61E-02	4.10E-01	9.63E+01	2.94E+00	4.00E-07	1.50E-07	6.37E-03	1.67E-04	7.62E-01	4.48E-01	9.91E+01	2.28E-03	9.86E+01	1.01E+02	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MBS325	2.73E-02	2.63E+00	-1.82E-02	2.65E+00	1.91E-06	0.00E+00	1.87E+03	7.39E-05	1.73E-03	1.87E-02	2.94E-03	1.01E+01	2.27E-08	2.11E-07	2.17E+01	1.55E-01	3.99E-03	1.14E-01	3.66E-02	4.15E-01	9.66E+01	2.66E+00	4.17E-07	1.75E-07	7.26E-03	1.82E-04	7.32E-01	6.47E-01	9.93E+01	2.66E-03	9.93E+01	1.01E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MBS332	3.19E-02	2.73E+00	-2.82E-03	2.73E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.91E-03	2.07E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.26E-03	1.45E-01	4.59E-02	4.64E-01	9.59E+01	2.21E+00	4.59E-07	2.00E-07	8.36E-03	2.08E-04	1.06E+00	6.69E-01	9.81E+01	8.06E-03	9.81E+01	9.99E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
MBS340	3.21E-02	2.76E+00	-2.50E-03	2.77E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.92E-03	2.09E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.26E-03	1.45E-01	4.60E-02	4.66E-01	9.65E+01	2.23E+00	5.38E-07	2.01E-07	8.42E-03	2.09E-04	1.07E+00	6.69E-01	9.88E+01	7.94E-03	9.88E+01	1.00E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
MBS350	3.90E-02	2.86E+00	9.93E-03	2.85E+00	2.52E-06	0.00E+00	1.05E+03	4.51E-04	2.08E-03	2.28E-02	3.32E-03	1.84E+01	2.15E-08	4.10E-07	3.75E+01	1.31E+00	4.49E-03	1.44E-01	5.45E-02	6.31E-01	9.31E+01	2.20E+00	5.78E-07	2.57E-07	9.34E-03	2.58E-04	1.53E+00	6.85E-01	9.53E+01	8.50E-03	9.53E+01	9.75E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MBS363	3.96E-02	2.88E+00	1.02E-02	2.87E+00	2.52E-06	0.00E+00	1.05E+03	4.51E-04	2.09E-03	2.30E-02	3.34E-03	1.86E+01	2.27E-08	4.15E-07	3.79E+01	1.31E+00	4.52E-03	1.45E-01	5.52E-02	6.71E-01	9.38E+01	2.20E+00	5.79E-07	2.65E-07	9.42E-03	2.58E-04	1.60E+00	6.87E-01	9.60E+01	8.50E-03	9.60E+01	9.83E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
MBS506	1.10E-02	1.70E+00	-1.89E-02	1.67E+00	1.56E-06	0.00E+00	1.51E+03	1.54E-04	1.38E-03	1.47E-02	1.72E-03	3.56E+00	3.04E-07	7.08E-08	8.59E+00	4.20E-01	2.32E-03	5.47E-02	1.49E-02	2.44E-01	4.79E+01	2.16E+00	1.47E-07	7.03E-08	3.85E-03	6.07E-05	3.55E-01	4.46E-01	4.89E+01	2.26E-04	4.89E+01	4.94E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	6.74E-01
MBS506E	1.10E-02	1.73E+00	-2.67E-02	1.72E+00	1.63E-06	0.00E+00	1.59E+03	1.53E-04	1.39E-03	1.48E-02	1.70E-03	3.63E+00	3.39E-07	7.14E-08	8.59E+00	4.22E-01	2.31E-03	5.58E-02	1.49E-02	2.38E-01	4.83E+01	2.17E+00	1.48E-07	7.01E-08	3.85E-03	6.07E-05	5.20E-01	6.31E-01	4.92E+01	2.28E-04	4.92E+01	4.98E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	6.74E-01
MBS510	1.11E-02	1.66E+00	-9.07E-03	1.62E+00	1.49E-06	0.00E+00	1.23E+03	1.85E-04	1.05E-03	1.10E-02	1.68E-03	5.55E+00	2.90E-07	1.12E-07	1.21E+01	4.66E-01	2.29E-03	4.83E-02	1.73E-02	1.97E-01	4.71E+01	1.59E+00	1.47E-07	7.00E-08	3.82E-03	6.20E-05	4.97E-01	2.52E-01	4.82E+01	2.49E-04	4.80E+01	4.85E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	7.62E-01
MBS510E	1.12E-02	1.73E+00	-2.67E-02	1.72E+00	1.61E-06	0.00E+00	1.59E+03	1.90E-04	1.40E-03	1.49E-02	1.70E-03	5.49E+00	3.39E-07	1.14E-07	1.15E+01	4.87E-01	2.31E-03	5.59E-02	1.71E-02	2.43E-01	4.83E+01	2.17E+00	1.47E-07	6.88E-08	3.86E-03	6.28E-05	6.40E-01	6.86E-01	4.93E+01	2.28E-04	4.93E+01	4.98E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	7.35E-01
MBS513	1.11E-02	1.72E+00	-1.93E-02	1.71E+00	1.58E-06	0.00E+00	1.53E+03	2.08E-04	1.38E-03	1.48E-02	1.72E-03	5.28E+00	3.40E-07	1.11E-07	1.13E+01	5.20E-01	2.31E-03	5.58E-02	1.78E-02	2.43E-01	4.85E+01	2.13E+00	1.48E-07	6.92E-08	3.86E-03	6.22E-05	4.85E-01	4.77E-01	4.95E+01	2.28E-04	4.95E+01	5.01E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	7.65E-01
MBS516	1.23E-02	1.68E+00	-1.71E-02	1.65E+00	1.55E-06	0.00E+00	1.25E+03	2.20E-04	1.06E-03	1.13E-02	1.72E-03	5.42E+00	3.05E-07	1.13E-07	1.11E+01	5.47E-01	2.31E-03	5.50E-02	1.96E-02	2.47E-01	4.80E+01	1.81E+00	1.48E-07	7.86E-08	3.91E-03	6.27E-05	5.33E-01	4.22E-01	4.89E+01	2.23E-04	4.89E+01	4.94E+01	8.05E-01	0.00E+00	0.00E+00	0.00E+00	8.29E-01

MBS516E	1.23E-02	1.65E+00	-7.14E-03	1.62E+00	1.49E-06	0.00E+00	1.23E+03	2.16E-04	1.05E-03	1.10E-02	1.68E-03	5.68E+00	2.89E-07	1.13E-07	1.18E+01	5.34E-01	2.29E-03	4.83E-02	1.94E-02	1.94E-01	4.73E+01	1.59E+00	1.51E-07	8.09E-08	3.89E-03	6.28E-05	5.26E-01	2.44E-01	4.83E+01	2.49E-04	4.82E+01	4.85E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	8.25E-01
MBS520	1.24E-02	1.67E+00	-1.15E-02	1.63E+00	1.47E-06	0.00E+00	1.24E+03	2.02E-04	1.06E-03	1.13E-02	1.71E-03	6.48E+00	1.24E-08	1.29E-07	1.47E+01	6.20E-01	2.33E-03	9.54E-02	1.77E-02	2.08E-01	7.45E+01	1.59E+00	2.54E-07	8.12E-08	3.85E-03	1.14E-04	5.16E-01	2.65E-01	7.49E+01	1.61E-03	7.45E+01	7.57E+01	7.08E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
MBS520E	1.24E-02	1.67E+00	-1.15E-02	1.63E+00	1.47E-06	0.00E+00	1.24E+03	1.96E-04	1.07E-03	1.15E-02	1.69E-03	6.44E+00	1.46E-08	1.28E-07	1.46E+01	6.16E-01	2.31E-03	9.54E-02	1.77E-02	2.49E-01	7.45E+01	1.59E+00	2.54E-07	8.05E-08	3.86E-03	1.14E-04	5.20E-01	2.83E-01	7.49E+01	1.61E-03	7.45E+01	7.57E+01	7.18E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
MBS525	1.47E-02	1.81E+00	-1.01E-02	1.83E+00	1.64E-06	0.00E+00	1.55E+03	1.56E-04	1.48E-03	1.57E-02	1.83E-03	9.95E+00	2.11E-08	1.83E-07	2.42E+01	3.69E-01	2.51E-03	9.17E-02	2.40E-02	3.09E-01	6.46E+01	2.14E+00	2.58E-07	1.06E-07	4.31E-03	1.17E-04	6.77E-01	5.49E-01	6.51E+01	1.81E-03	6.52E+01	6.75E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MBS525E	1.47E-02	1.81E+00	-1.01E-02	1.83E+00	1.64E-06	0.00E+00	1.55E+03	1.56E-04	1.48E-03	1.57E-02	1.83E-03	9.95E+00	2.11E-08	1.83E-07	2.42E+01	3.69E-01	2.51E-03	9.17E-02	2.40E-02	3.09E-01	6.46E+01	2.14E+00	2.58E-07	1.06E-07	4.31E-03	1.17E-04	6.77E-01	5.49E-01	6.51E+01	1.81E-03	6.52E+01	6.75E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MBS532	2.34E-02	1.97E+00	-1.13E-02	2.00E+00	1.78E-06	0.00E+00	1.49E+03	2.45E-04	1.55E-03	1.70E-02	2.22E-03	8.88E+00	2.86E-08	2.42E-07	1.93E+01	5.96E-01	2.87E-03	9.34E-02	3.16E-02	3.48E-01	6.37E+01	2.35E+00	3.32E-07	1.53E-07	5.81E-03	1.61E-04	1.06E+00	6.55E-01	6.63E+01	4.06E-03	6.63E+01	6.65E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MBS532E	2.12E-02	1.67E+00	-2.75E-03	1.68E+00	1.62E-06	0.00E+00	7.01E+02	2.50E-04	1.15E-03	1.24E-02	2.06E-03	1.01E+01	1.34E-08	2.40E-07	2.40E+01	6.84E-01	2.83E-03	9.51E-02	3.51E-02	3.67E-01	6.20E+01	1.33E+00	3.03E-07	1.40E-07	5.18E-03	1.37E-04	7.61E-01	2.58E-01	6.26E+01	3.61E-03	6.22E+01	6.36E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MBS540E	2.32E-02	1.81E+00	-5.51E-03	1.83E+00	1.75E-06	0.00E+00	1.03E+03	2.45E-04	1.49E-03	1.61E-02	2.12E-03	1.04E+01	2.19E-08	2.44E-07	2.52E+01	6.72E-01	2.88E-03	9.82E-02	3.55E-02	3.89E-01	6.23E+01	2.35E+00	3.90E-07	1.47E-07	5.28E-03	1.40E-04	9.29E-01	5.50E-01	6.28E+01	4.11E-03	6.29E+01	6.50E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MBS550E	2.53E-02	1.73E+00	6.67E-03	1.73E+00	1.60E-06	0.00E+00	6.96E+02	2.79E-04	1.27E-03	1.37E-02	2.08E-03	1.17E+01	1.54E-08	2.61E-07	2.49E+01	7.71E-01	2.86E-03	9.84E-02	3.57E-02	3.95E-01	6.14E+01	1.32E+00	3.68E-07	1.65E-07	5.55E-03	1.64E-04	9.70E-01	2.73E-01	6.28E+01	3.98E-03	6.25E+01	6.38E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBS563E	2.53E-02	1.87E+00	7.06E-03	1.89E+00	1.71E-06	0.00E+00	1.03E+03	2.74E-04	1.51E-03	1.68E-02	2.21E-03	1.25E+01	2.01E-08	2.68E-07	2.62E+01	7.53E-01	3.00E-03	1.02E-01	3.63E-02	4.30E-01	6.16E+01	2.25E+00	4.06E-07	1.69E-07	5.85E-03	1.66E-04	9.86E-01	5.50E-01	6.31E+01	4.37E-03	6.31E+01	6.49E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBS606	2.85E-02	3.13E+00	-4.72E-02	3.16E+00	2.57E-06	0.00E+00	2.49E+03	2.52E-04	2.07E-03	2.26E-02	3.41E-03	7.84E+00	6.34E-07	1.84E-07	1.40E+01	5.47E-01	4.51E-03	1.73E-01	4.01E-02	5.95E-01	1.18E+02	3.64E+00	5.40E-07	2.00E-07	8.46E-03	2.36E-04	1.03E+00	1.27E+00	1.21E+02	5.47E-04	1.21E+02	1.23E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MBS606E	2.85E-02	3.15E+00	-2.63E-02	3.18E+00	2.58E-06	0.00E+00	2.56E+03	2.96E-04	2.04E-03	2.22E-02	3.30E-03	9.04E+00	6.34E-07	2.06E-07	1.84E+01	6.27E-01	4.47E-03	1.81E-01	3.99E-02	5.93E-01	1.19E+02	3.65E+00	5.42E-07	1.97E-07	8.42E-03	2.32E-04	1.03E+00	8.01E-01	1.22E+02	5.93E-04	1.22E+02	1.24E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MBS610	2.89E-02	3.15E+00	-4.41E-02	3.17E+00	2.57E-06	0.00E+00	2.46E+03	2.85E-04	2.08E-03	2.28E-02	3.41E-03	9.31E+00	6.31E-07	2.05E-07	1.89E+01	6.21E-01	4.52E-03	1.75E-01	4.03E-02	6.09E-01	1.19E+02	3.63E+00	5.42E-07	2.00E-07	8.58E-03	2.39E-04	1.13E+00	1.26E+00	1.22E+02	4.71E-04	1.22E+02	1.24E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MBS610E	2.84E-02	3.15E+00	-2.57E-02	3.18E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.04E-03	2.22E-02	3.30E-03	9.08E+00	6.33E-07	2.06E-07	1.84E+01	6.28E-01	4.47E-03	1.80E-01	4.01E-02	6.10E-01	1.19E+02	3.62E+00	5.45E-07	1.98E-07	8.43E-03	2.39E-04	1.08E+00	8.01E-01	1.22E+02	4.72E-04	1.22E+02	1.24E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBS613	2.90E-02	3.11E+00	-2.68E-02	3.11E+00	2.56E-06	0.00E+00	2.44E+03	2.84E-04	2.06E-03	2.24E-02	3.34E-03	9.62E+00	6.31E-07	2.14E-07	1.94E+01	6.26E-01	4.52E-03	1.69E-01	4.05E-02	5.90E-01	1.20E+02	3.61E+00	5.44E-07	2.01E-07	8.53E-03	2.40E-04	1.08E+00	8.84E-01	1.23E+02	4.74E-04	1.23E+02	1.24E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBS616	2.93E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.34E-03	9.74E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.12E-01	1.19E+02	3.62E+00	5.49E-07	2.03E-07	8.54E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBS616E	2.93E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.34E-03	9.74E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.12E-01	1.19E+02	3.62E+00	5.49E-07	2.03E-07	8.55E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBS620	3.12E-02	3.38E+00	-2.00E-02	3.44E+00	2.48E-06	0.00E+00	2.56E+03	2.75E-04	2.11E-03	2.31E-02	3.49E-03	1.17E+01	3.92E-08	2.54E-07	2.60E+01	7.16E-01	4.62E-03	1.78E-01	4.44E-02	5.54E-01	1.19E+02	3.62E+00	5.60E-07	2.11E-07	9.25E-03	2.44E-04	1.11E+00	1.55E+00	1.23E+02	2.97E-03	1.23E+02	1.25E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MBS620E	3.49E-02	3.53E+00	-1.81E-02	3.55E+00	2.51E-06	0.00E+00	2.55E+03	2.84E-04	2.33E-03	2.54E-02	3.41E-03	1.25E+01	2.77E-08	2.67E-07	2.58E+01	7.65E-01	4.62E-03	1.82E-01	5.02E-02	5.41E-01	1.26E+02	3.62E+00	5.73E-07	2.31E-07	9.71E-03	2.51E-04	1.05E+00	8.12E-01	1.29E+02	3.44E-03	1.29E+02	1.31E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00
MBS625	3.47E-02	2.70E+00	-1.79E-02	2.68E+00	2.31E-06	0.00E+00	1.09E+03	1.50E-04	2.07E-03	2.18E-02	3.65E-03	1.29E+01	1.82E-08	2.73E-07	2.73E+01	3.43E-01	4.96E-03	1.65E-01	4.46E-02	5.25E-01	1.27E+02	2.83E+00	5.52E-07	2.24E-07	9.68E-03	2.31E-04	8.46E-01	6.37E-01	1.31E+02	3.37E-03	1.31E+02	1.33E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MBS625E	3.60E-02	3.50E+00	-2.43E-02	3.53E+00	2.41E-06	0.00E+00	2.52E+03	9.83E-05	2.29E-03	2.49E-02	3.94E-03	1.35E+01	2.88E-08	2.79E-07	2.87E+01	2.05E-01	5.34E-03	1.52E-01	4.82E-02	5.24E-01	1.28E+02	3.57E+00	5.56E-07	2.28E-07	9.64E-03	2.42E-04	8.21E-01	8.64E-01	1.31E+02	3.56E-03	1.31E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
MBS632	3.68E-02	3.41E+00	-1.01E-02	3.44E+00	2.73E-06	0.00E+00	1.54E+03	5.77E-04	2.34E-03	2.55E-02	4.21E-03	1.46E+01	2.96E-08	3.85E-07	3.22E+01	1.59E+00	5.67E-03	1.91E-01	5.18E-02	6.18E-01	1.29E+02	2.94E+00	7.63E-07	2.39E-07	1.04E-02	2.58E-04	1.48E+00	1.16E+00	1.31E+02	8.62E-03	1.31E+02	1.33E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MBS632E	4.21E-02	3.64E+00	-3.87E-03	3.64E+00	2.66E-06	0.00E+00	1.44E+03	5.61E-04	2.54E-03	2.76E-02	4.21E-03	1.61E+01	2.55E-08	4.12E-07	3.41E+01	1.63E+00	5.70E-03	1.94E-01	6.05E-02	5.89E-01	1.28E+02	2.96E+00	6.12E-07	2.64E-07	1.11E-02	2.77E-04	1.40E+00	8.92E-01	1.31E+02	1.07E-02	1.31E+02	1.33E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MBS640	4.42E-02	3.58E+00	-3.92E-03	3.57E+00	2.70E-06	0.00E+00	1.41E+03	5.77E-04	2.55E-03	2.78E-02	4.22E-03	1.68E+01	2.97E-08	4.45E-07	3.59E+01	1.66E+00	5.70E-03	1.92E-01	5.80E-02	6.76E-01	1.29E+02	2.94E+00	8.87E-07	2.83E-07	1.13E-02	2.94E-04	1.58E+00	1.17E+00	1.32E+02	9.32E-03	1.32E+02	1.34E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
MBS640E	4.27E-02	3.69E+00	-3.45E-03	3.69E+00	2.66E-06	0.00E+00	1.44E+03	5.61E-04	2.56E-03	2.79E-02	4.21E-03	1.61E+01	2.77E-08	4.14E-07	3.41E+01	1.63E+00	5.70E-03	1.94E-01	6.13E-02	6.19E-01	1.29E+02	2.98E+00	7.18E-07	2.67E-07	1.12E-02	2.78E-04	1.41E+00	8.92E-01	1.32E+02	1.06E-02	1.32E+02	1.34E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+00
MBS650E	5.20E-02	3.81E+00	1.31E-02	3.80E+00	2.68E-06	0.00E+00	1.41E+03	6.01E-04	2.78E-03	3.04E-02	4.44E-03	2.45E+01	2.88E-08	5.47E-07	5.00E+01	1.75E+00	6.00E-03	1.92E-01	7.27E-02	8.38E-01	1.24E+02	2.95E+00	7.71E-07	3.42E-07	1.25E-02	3.43E-04	2.03E+00	9.15E-01	1.27E+02	1.13E-02	1.27E+02	1.30E+02	2.95E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
MBS663E	5.28E-02	3.84E+00	1.35E-02	3.82E+00	2.68E-06	0.00E+00	1.41E+03	6.01E-04	2.79E-03	3.07E-02	4.46E-03	2.48E+01	3.04E-08	5.53E-07	5.06E+01	1.75E+00	6.04E-03	1.93E-01	7.36E-02	8.92E-01	1.25E+02	2.95E+00	7.73E-07	3.53E-07	1.26E-02	3.44E-04	2.12E+00	9.17E-01	1.28E+02	1.13E-02	1.28E+02	1.31E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+00
MC100A	8.44E-03	9.59E-01	-8.93E-03	9.41E-01	1.91E-07	0.00E+00	4.04E+02	4.83E-05	7.23E-04	7.55E-03	1.06E-03	2.10E+00	1.29E-08	6.56E-08	4.63E+00	1.61E-01	1.44E-03	5.12E-02	1.23E-02	1.93E-01	3.73E+01	8.24E-01	1.42E-07	5.25E-08	2.52E-03	5.43E-05	2.75E-01	2.47E-01	3.83E+01	2.44E-03	3.82E+01	3.83E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MC101A	8.40E-03	9.69E-01	-8.75E-03	9.45E-01	1.92E-07	0.00E+00	4.10E+02	4.96E-05	7.39E-04	7.60E-03	1.07E-03	2.13E+00	1.30E-08	6.61E-08	4.65E+00	1.51E-01	1.45E-03	5.12E-02	1.23E-02	1.96E-01	3.73E+01	8.28E-01	1.43E-07	5.30E-08	2.51E-03	5.42E-05	2.49E-01	2.58E-01	3.83E+01	2.44E-03	3.82E+01	3.83E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MC102A	8.43E-03	9.64E-01	-8.90E-03	9.43E-01	1.80E-07	0.00E+00	4.10E+02	4.98E-05	7.40E-04	7.62E-03	1.07E-03	2.14E+00	1.30E-08	6.64E-08	4.62E+00	1.50E-01	1.45E-03	5.13E-02	1.24E-02	1.95E-01	3.71E+01	8.21E-01	1.43E-07	5.30E-08	2.51E-03	5.32E-05	2.48E-01	2.59E-01	3.82E+01	2.42E-03	3.81E+01	3.82E+01	5.53E-01	0.00E+00	0.00E+00	0.00E+00	5.25E-01
MC103A	8.37E-03	9.73E-01	-9.30E-03	9.48E-01	1.80E-07	0.00E+00	4.08E+02	4.86E-05	7.39E-04	7.68E-03	1.07E-03	2.14E+00	1.30E-08	6.55E-08	4.59E+00	1.46E-01	1.44E-03	5.08E-02	1.22E-02	1.96E-01	3.73E+01	8.20E-01	1.44E-07	5.24E-08	2.51E-03	5.32E-05	2.63E-01	2.59E-01	3.82E+01	2.42E-03	3.82E+01	3.84E+01	5.58E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-01
MC104A	8.33E-03	9.69E-01	-9.09E-03	9.45E-01	1.84E-07	0.00E+00	4.08E+02	4.85E-05	7.36E-04	7.66E-03	1.06E-03	2.13E+00	1.30E-08	6.52E-08	4.58E+00	1.46E-01	1.44E-03	5.11E-02	1.22E-02	1.96E-01	3.73E+01	8.23E-01	1.43E-07	5.24E-08	2.51E-03	5.32E-05	2.57E-01	2.58E-01	3.83E+01	2.44E-03	3.83E+01	3.83E+01	5.55E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
MC106A	6.44E-03	9.60E-01	-1.92E-02	9.50E-01	3.92E-07	0.00E+00	1.04E+03	2.70E-05	7.07E-04	7.33E-03	9.64E-04	1.33E+00	1.26E-08	3.53E-08	2.69E+00	5.17E-02	1.26E-03	5.52E-02	1.11E-02	1.17E-01	3.74E+01	1.15E+00	1.24E-07	4.38E-08	2.17E-03	4.28E-05	1.45E-01	4.02E-01	3.85E+01	1.11E-04	3.86E+01	3.90E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-01
MC106P	8.36E-03	1.17E+00	-9.11E-03	1.14E+00	2.21E-07	0.00E+00	7.27E+02	4.43E-05	1.03E-03	1.11E-02	9.86E-04	1.81E+00	1.57E-08	6.72E-08	3.99E+00	1.04E-01	1.36E-03	4.70E-02	1.15E-02	2.09E-01	3.85E+01	1.28E+00	1.61E-07	5.56E-08	3.71E-03	6.77E-05	3.92E-01	2.63E-01	3.96E+01	2.87E-04	3.96E+01	3.97E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	4.90E-01
MC110A	4.63E-03	8.19E-01	-2.06E-02	8.19E-01	3.68E-07	0.00E+00	1.32E+03	2.55E-05	7.28E-04	7.41E-03	8.39E-04	1.08E+00	1.56E-08	2.91E-08	2.17E+00	4.97E-02	1.12E-03	4.58E-02	7.12E-03	1.22E-01	2.90E+01	1.17E+00	1.03E-07	2.91E-08	1.79E-03	2.78E-05	1.08E-01	4.08E-01	3.02E+01	7.29E-05	3.05E+01	3.07E+01	3.29E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MC110P	5.95E-03	8.22E-01	-1.13E-02	8.11E-01	8.07E-08	0.00E+00	7.32E+02	2.75E-05	6.84E-04	7.45E-03	8.16E-04	1.06E+00	1.44E-08	3.03E-08	2.17E+00	5.56E-02	1.11E-03	4.29E-02	6.95E-03	1.14E-01	3.72E+01	1.03E+00	1.10E-07	3.85E-08	2.08E-03	5.97E-05	2.02E-01	2.44E-01	3.80E+01	1.06E-04	3.80E+01	3.86E+01	4.18E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MC113A	6.80E-03	9.64E-01	-1.08E-02	9.35E-01	2.96E-07	0.00E+00	6.92E+02	2.68E-05	7.17E-04	7.43E-03	9.78E-04	1.52E+00	1.26E-08	3.68E-08	2.97E+00	5.17E-02	1.23E-03	5.69E-02	9.83E-03	1.49E-01	3.66E+01	1.16E+00	1.25E-07	4.54E-08	2.21E-03	4.25E-05	1.54E-01	3.08E-01	3.78E+01	1.16E-04	3.79E+01	3.82E+01	4.41E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-01
MC116A	4.23E-03	6.53E-01	-1.01E-02	6.63E-01	8.36E-09	0.00E+00	5.71E+02	2.32E-05	4.08E-04	4.37E-03	7.87E-04	1.07E+00	6.02E-09	2.82E-08	2.15E+00	4.86E-02	1.07E-03	3.65E-02	6.92E-03	5.34E-02	2.59E+01	7.99E-01	7.87E-08	2.73E-08	1.59E-03	1.75E-05	1.03E-01	1.96E-01	2.67E+01	5.72E-05	2.67E+01	2.70E+01	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
MC116P	5.98E-03	8.17E-01	-1.13E-02	8.09E-01	7.32E-08	0.00E+00	7.34E+02	2.76E-05	6.99E-04	7.61E-03	8.13E-04	1.06E+00	1.44E-08	3.06E-08	2.18E+00	5.57E-02	1.11E-03	4.26E-02	6.45E-03	1.16E-01	3.68E+01	1.03E+00	1.10E-07	3.85E-08	2.08E-03	5.85E-05	2.03E-01	2.44E-01	3.76E+01	1.05E-04	3.76E+01	3.82E+01	4.18E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
MC120A	6.83E-03	8.65E-01	-9.95E-03	8.73E-01	2.88E-07	0.00E+00	6.94E+02	4.14E-05	5.27E-04	5.65E-03	9.52E-04	1.59E+00	4.63E-08	3.96E-08	3.75E+00	7.12E-02	1.26E-03	4.96E-02	1.01E-02	1.19E-01	3.69E+01	9.51E-01	1.26E-07	4.43E-08	2.16E-03	4.35E-05	1.58E-01	2.26E-01	3.78E+01	1.19E-04	3.79E+01	3.84E+01	3.93E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
MC120P	5.97E-03	8.22E-01	-1.13E-02	8.12E-01	7.32E-08	0.00E+00	7.32E+02	2.75E-05	6.99E-04	7.58E-03	8.53E-04	1.06E+00	3.80E-08	3.04E-08	2.17E+00	5.56E-02	1.17E-03	4.29E-02	7.04E-03	1.17E-01	3.78E+01	1.03E+00	1.10E-07	3.85E-08	2.07E-03	5.97E-05	2.02E-01	2.44E-01	3.88E+01	1.07E-04	3.88E+01	3.94E+01	4.18E-01	0.00E+00	0.00E+00	0.00E+00	3.02E-01
MC125A	7.17E-03	8.70E-01	-8.77E-03	8.77E-01	1.57E-07	0.00E+00	6.97E+02	3.18E-05	5.34E-04	5.73E-03	9.47E-04	1.75E+00	1.04E-08	4.93E-08	3.94E+00	6.36E-02	1.29E-03	4.97E-02	1.04E-02	1.19E-01	3.72E+01	9.45E-01	1.26E-07	4.70E-08	2.23E-03	4.52E-05	1.67E-01	2.12E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MC125P	9.70E-03	1.21E+00	-8.54E-03	1.23E+00	3.71E-07	0.00E+00	7.22E+02	5.45E-05	8.79E-04	9.38E-03	1.01E-03	2.15E+00	1.85E-07	7.12E-08	4.45E+00	1.44E-01	1.40E-03	4.69E-02	1.32E-02	2.23E-01	3.78E+01	1.31E+00	1.77E-07	6.03E-08	2.89E-03	6.29E-05	4.18E-01	2.50E-01	3.83E+01	1.58E-04	3.83E+01	3.91E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MC132A	9.67E-03	9.60E-01	-3.60E-03	9.28E-01	1.59E-07	0.00E+00	3.68E+02	1.49E-04	7.78E-04	8.11E-03	1.06E-03	3.06E+00	1.64E-07	9.38E-08	6.45E+00	4.00E-01	1.43E-03	5.24E-02	1.38E-02	1.98E-01	3.21E+01	7.21E-01	1.46E-07	6.10E-08	2.67E-03	5.22E-05	3.51E-01	2.58E-01	3.29E+01	2.31E-03	3.29E+01	3.35E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.88E-01
MC132P	1.18E-02	1.29E+00	-4.61E-03	1.29E+00	3.19E-07	0.00E+00	7.27E+02	1.05E-04	9.49E-04	1.02E-02	1.02E-03	2.91E+00	1.91E-07	1.06E-07	5.82E+00	2.65E-01	1.41E-03	4.66E-02	2.49E-02	2.30E-01	3.70E+01	1.32E+00	1.87E-07	7.32E-08	3.69E-03	6.79E-05	5.09E-01	2.66E-01	3.82E+01	1.59E-04	3.82E+01	3.83E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MC140A	9.69E-03	9.59E-01	-3.61E-03	9.29E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.79E-04	8.12E-03	1.06E-03	3.07E+00	1.64E-07	9.40E-08	6.48E+00	4.00E-01	1.43E-03	5.27E-02	1.38E-02	1.98E-01	3.21E+01	7.20E-01	1.46E-07	6.12E-08	2.67E-03	5.22E-05	3.49E-01	2.59E-01	3.29E+01	2.30E-03	3.29E+01	3.38E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.88E-01
MC140P	1.18E-02	1.28E+00	-4.31E-03	1.29E+00	3.20E-07	0.00E+00	7.28E+02	1.07E-04	9.49E-04	1.02E-02	1.04E-03	3.02E+00	1.91E-07	1.07E-07	6.18E+00	2.73E-01	1.44E-03	4.70E-02	2.52E-02	2.32E-01	3.63E+01	1.33E+00	1.87E-07	7.33E-08	3.70E-03	6.96E-05	5.08E-01	2.52E-01	3.73E+01	1.66E-04	3.73E+01	3.74E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MC150A	1.26E-02	9.21E-01	4.48E-03	9.13E-01	2.20E-07	0.00E+00	3.83E+02	1.56E-04	6.69E-04	7.43E-03	1.10E-03	5.08E+00	1.14E-08	1.24E-07	1.08E+01	5.07E-01	1.48E-03	4.67E-02	1.77E-02	1.93E-01	3.14E+01	7.26E-01	1.92E-07	8.38E-08	2.98E-03	7.49E-05	4.68E-01	2.27E-01	3.25E+01	2.41E-03	3.25E+01	3.37E+01	7.36E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MC150P	1.41E-02	1.28E+00	-7.60E-04	1.27E+00	6.88E-07	0.00E+00	7.24E+02	1.09E-04	9.88E-04	1.08E-02	1.11E-03	4.13E+00	1.58E-08	1.26E-07	7.36E+00	2.94E-01	1.49E-03	4.66E-02	2.65E-02	2.42E-01	3.49E+01	1.35E+00	2.16E-07	9.16E-08	3.98E-03	8.13E-05	5.51E-01	2.66E-01	3.59E+01	3.40E-04	3.59E+01	3.61E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MC163A	1.27E-02	1.04E+00	5.29E-03	1.04E+00	4.40E-07	0.00E+00	4.00E+02	1.83E-04	7.82E-04	8.52E-03	1.10E-03	6.29E+00	1.37E-08	1.42E-07	1.39E+01	5.48E-01	1.49E-03	5.02E-02	1.82E-02	2.09E-01	3.31E+01	7.46E-01	1.94E-07	8.49E-08	3.36E-03	7.64E-05	5.79E-01	2.38E-01	3.45E+01	2.91E-03	3.45E+01	3.52E+01	8.11E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MC163P	1.48E-02	1.30E+00	-6.92E-04	1.30E+00	7.09E-07	0.00E+00	7.25E+02	1.39E-04	9.88E-04	1.08E-02	1.11E-03	6.17E+00	1.58E-08	1.52E-07	1.32E+01	3.78E-01	1.50E-03	4.67E-02	2.68E-02	2.41E-01	3.48E+01	1.35E+00	2.22E-07	9.54E-08	3.98E-03	8.14E-05	5.73E-01	2.52E-01	3.59E+01	3.81E-04	3.59E+01	3.61E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MC201A	1.68E-02	1.80E+00	-1.93E-02	1.83E+00	9.64E-07	0.00E+00	1.11E+03	6.50E-05	1.41E-03	1.52E-02	2.08E-03	2.25E+00	1.92E-08	8.40E-08	5.06E+00	2.26E-01	2.87E-03	9.75E-02	2.44E-02	3.32E-01	6.73E+01	2.05E+00	2.99E-07	1.10E-07	5.11E-03	1.31E-04	4.86E-01	4.86E-01	6.99E+01	4.01E-03	6.99E+01	7.20E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MC202A	1.68E-02	1.81E+00	-2.13E-02	1.83E+00	1.07E-06	0.00E+00	1.11E+03	6.66E-05	1.41E-03	1.52E-02	2.08E-03	2.26E+00	1.91E-08	8.47E-08	5.06E+00	2.29E-01	2.87E-03	9.75E-02	2.44E-02	3.26E-01	6.74E+01	2.05E+00	3.00E-07	1.09E-07	5.13E-03	1.30E-04	4.63E-01	5.42E-01	6.95E+01	4.00E-03	6.96E+01	7.18E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MC203A	1.68E-02	1.81E+00	-1.94E-02	1.83E+00	9.57E-07	0.00E+00	1.12E+03	1.34E-04	1.42E-03	1.54E-02	2.08E-03	3.61E+00	1.98E-08	1.15E-07	7.14E+00	3.46E-01	2.87E-03	9.75E-02	2.46E-02	3.32E-01	6.74E+01	2.07E+00	2.98E-07	1.10E-07	5.14E-03	1.30E-04	5.98E-01	4.84E-01	6.99E+01	4.00E-03	6.99E+01	7.21E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MC204A	1.68E-02	1.80E+00	-1.94E-02	1.83E+00	9.54E-07	0.00E+00	1.12E+03	9.15E-05	1.41E-03	1.52E-02	2.08E-03	3.47E+00	1.93E-08	1.15E-07	6.98E+00	2.57E-01	2.87E-03	9.76E-02	2.46E-02	3.25E-01	6.73E+01	2.05E+00	2.99E-07	1.10E-07	5.11E-03	1.31E-04	5.86E-01	4.86E-01	6.99E+01	4.01E-03	6.99E+01	7.20E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MC206A	1.18E-02	1.70E+00	-3.38E-02	1.74E+00	7.03E-07	0.00E+00	1.51E+03	5.16E-05	1.39E-03	1.46E-02	1.80E-03	2.18E+00	2.12E-08	6.60E-08	4.50E+00	1.06E-01	2.49E-03	9.42E-02	1.60E-02	2.46E-01	6.97E+01	2.12E+00	2.50E-07	7.54E-08	4.15E-03	1.05E-04	3.59E-01	6.68E-01	7.19E+01	2.15E-04	7.20E+01	7.30E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	6.93E-01
MC206P	2.15E-02	2.38E+00	-1.91E-02	2.36E+00	4.57E-07	0.00E+00	1.42E+03	5.98E-05	1.92E-03	2.08E-02	2.01E-03	2.30E+00	2.18E-08	9.18E-08	4.74E+00	1.40E-01	2.73E-03	8.51E-02	2.62E-02	4.24E-01	7.06E+01	2.13E+00	3.02E-07	1.36E-07	7.08E-03	1.52E-04	6.78E-01	4.83E-01	7.25E+01	3.23E-04	7.24E+01	7.25E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MC210A	9.38E-03	1.31E+00	-3.35E-02	1.36E+00	8.08E-07	0.00E+00	1.50E+03	4.99E-05	1.25E-03	1.32E-02	1.60E-03	2.18E+00	1.99E-08	5.79E-08	4.40E+00	1.04E-01	2.21E-03	6.92E-02	1.36E-02	1.75E-01	5.01E+01	2.23E+00	1.57E-07	5.85E-08	4.33E-03	6.55E-05	3.21E-01	6.17E-01	5.14E+01	1.25E-04	5.12E+01	5.19E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	5.90E-01
MC210P	9.96E-03	1.57E+00	-2.23E-02	1.59E+00	7.28E-08	0.00E+00	1.72E+03	5.11E-05	1.47E-03	1.56E-02	1.62E-03	2.18E+00	1.81E-08	5.94E-08	4.39E+00	1.01E-01	2.24E-03	6.33E-02	1.22E-02	2.20E-01	4.68E+01	2.19E+00	1.35E-07	6.37E-08	4.21E-03	7.38E-05	3.91E-01	4.45E-01	4.89E+01	1.20E-04	4.89E+01	4.98E+01	8.20E-01	0.00E+00	0.00E+00	0.00E+00	5.26E-01
MC213A	1.29E-02	1.80E+00	-3.34E-02	1.82E+00	6.89E-07	0.00E+00	1.53E+03	5.95E-05	1.39E-03	1.48E-02	1.83E-03	2.70E+00	2.11E-08	7.54E-08	5.22E+00	1.18E-01	2.51E-03	9.74E-02	1.84E-02	2.58E-01	7.25E+01	2.16E+00	2.52E-07	8.04E-08	4.25E-03	1.08E-04	4.07E-01	6.34E-01	7.46E+01	2.10E-04	7.47E+01	7.56E+01	7.96E-01	0.00E+00	0.00E+00	0.00E+00	7.89E-01
MC216A	1.27E-02	1.72E+00	-2.37E-02	1.77E+00	6.10E-07	0.00E+00	1.47E+03	5.66E-05	1.38E-03	1.45E-02	1.81E-03	2.61E+00	1.97E-08	7.43E-08	5.23E+00	1.10E-01	2.49E-03	9.65E-02	1.73E-02	2.46E-01	7.11E+01	2.17E+00	2.52E-07	7.92E-08	4.21E-03	1.08E-04	4.04E-01	5.44E-01	7.30E+01	2.21E-04	7.31E+01	7.40E+01	7.49E-01	0.00E+00	0.00E+00	0.00E+00	7.09E-01
MC216P	7.65E-03	8.21E-01	-5.49E-03	8.24E-01	5.80E-08	0.00E+00	1.06E+03	9.38E-05	5.81E-04	6.52E-03	9.37E-04	3.43E+00	1.84E-08	8.03E-08	6.24E+00	2.08E-01	1.07E-03	3.70E-02	1.32E-02	8.27E-02	2.56E+01	9.54E-01	9.81E-08	5.02E-08	2.04E-03	2.58E-05	3.86E-01	2.05E-01	2.61E+01	1.01E-04	2.61E+01	2.64E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	5.58E-01
MC220A	9.86E-03	1.57E+00	-1.50E-02	1.58E+00	4.52E-07	0.00E+00	1.13E+03	6.70E-05	9.52E-04	9.98E-03	1.57E-03	3.40E+00	1.23E-08	8.33E-08	6.37E+00	1.37E-01	2.19E-03	6.36E-02	1.47E-02	1.99E-01	4.94E+01	1.40E+00	1.44E-07	6.38E-08	4.74E-03	6.74E-05	2.83E-01	2.59E-01	5.10E+01	1.70E-04	5.08E+01	5.16E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	6.52E-01
MC220P	1.04E-02	8.55E-01	-4.45E-03	9.03E-01	5.86E-07	0.00E+00	1.16E+03	1.36E-04	5.58E-04	6.24E-03	9.66E-04	3.97E+00	1.72E-07	1.01E-07	8.21E+00	3.14E-01	1.07E-03	3.59E-02	1.84E-02	8.06E-02	2.59E+01	1.19E+00	1.56E-07	7.06E-08	2.03E-03	2.31E-05	5.59E-01	2.10E-01	2.61E+01	2.39E-04	2.61E+01	2.65E+01	5.29E-01	0.00E+00	0.00E+00	0.00E+00	7.93E-01
MC225A	1.46E-02	1.68E+00	-1.39E-02	1.69E+00	3.49E-07	0.00E+00	1.35E+03	5.77E-05	1.06E-03	1.12E-02	1.86E-03	3.65E+00	1.33E-08	9.40E-08	7.90E+00	1.20E-01	2.53E-03	9.51E-02	2.06E-02	2.60E-01	7.23E+01	1.70E+00	2.57E-07	9.14E-08	4.54E-03	1.08E-04	3.24E-01	2.61E-01	7.43E+01	2.53E-04	7.39E+01	7.40E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	9.59E-01
MC225P	2.31E-02	2.48E+00	-1.60E-02	2.46E+00	5.92E-07	0.00E+00	1.44E+03	2.01E-04	1.85E-03	1.97E-02	2.01E-03	6.54E+00	2.65E-07	2.03E-07	1.45E+01	4.66E-01	2.73E-03	8.46E-02	3.30E-02	4.45E-01	7.09E+01	2.34E+00	3.03E-07	1.38E-07	7.31E-03	1.49E-04	9.41E-01	4.75E-01	7.24E+01	2.52E-04	7.24E+01	7.27E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MC232A	1.84E-02	1.77E+00	-1.69E-02	1.77E+00	7.87E-07	0.00E+00	1.03E+03	2.73E-04	1.40E-03	1.54E-02	2.10E-03	6.53E+00	3.47E-07	1.81E-07	1.41E+01	6.85E-01	2.83E-03	9.83E-02	2.62E-02	3.41E-01	6.27E+01	2.25E+00	3.10E-07	1.17E-07	5.19E-03	1.31E-04	6.48E-01	5.41E-01	6.42E+01	3.98E-03	6.43E+01	6.54E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MC232P	1.05E-02	9.15E-01	-5.64E-03	9.90E-01	9.03E-07	0.00E+00	1.08E+03	1.93E-04	5.65E-04	6.45E-03	9.65E-04	6.74E+00	2.57E-07	1.91E-07	1.47E+01	4.53E-01	1.07E-03	3.55E-02	2.30E-02	8.29E-02	2.58E+01	1.31E+00	1.56E-07	7.08E-08	2.09E-03	2.38E-05	7.06E-01	2.13E-01	2.60E+01	1.48E-04	2.60E+01	2.58E+01	6.23E-01	0.00E+00	0.00E+00	0.00E+00	9.66E-01
MC240A	1.90E-02	1.78E+00	-1.62E-02	1.78E+00	9.83E-07	0.00E+00	1.03E+03	2.83E-04	1.40E-03	1.55E-02	2.11E-03	6.65E+00	3.49E-07	1.90E-07	1.42E+01	7.37E-01	2.85E-03	9.84E-02	2.69E-02	3.49E-01	6.30E+01	2.28E+00	3.70E-07	1.20E-07	5.23E-03	1.31E-04	6.85E-01	5.41E-01	6.44E+01	3.97E-03	6.46E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MC240P	2.47E-02	2.52E+00	-1.38E-02	2.52E+00	8.99E-07	0.00E+00	1.43E+03	2.34E-04	1.83E-03	1.93E-02	2.08E-03	6.76E+00	3.18E-07	2.28E-07	1.48E+01	5.35E-01	2.83E-03	8.69E-02	4.30E-02	4.69E-01	7.07E+01	2.57E+00	4.15E-07	1.51E-07	7.43E-03	1.52E-04	9.98E-01	4.98E-01	7.26E+01	2.72E-04	7.29E+01	7.46E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MC250A	2.25E-02	1.82E+00	5.96E-03	1.82E+00	1.11E-06	0.00E+00	1.02E+03	2.69E-04	1.47E-03	1.64E-02	2.19E-03	7.87E+00	2.00E-08	2.27E-07	1.81E+01	7.78E-01	2.98E-03	9.91E-02	3.52E-02	3.79E-01	6.18E+01	2.22E+00	3.25E-07	1.46E-07	5.55E-03	1.49E-04	7.77E-01	5.47E-01	6.31E+01	4.28E-03	6.33E+01	6.48E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MC263A	2.61E-02	1.82E+00	6.44E-03	1.82E+00	9.84E-07	0.00E+00	1.03E+03	2.83E-04	1.48E-03	1.65E-02	2.20E-03	1.14E+01	2.01E-08	2.75E-07	2.07E+01	8.08E-01	2.98E-03	9.79E-02	3.57E-02	3.89E-01	6.18E+01	2.25E+00	4.05E-07	1.62E-07	5.56E-03	1.51E-04	1.02E+00	4.92E-01	6.31E+01	4.29E-03	6.33E+01	6.47E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MC263P	1.85E-02	9.24E-01	-7.35E-04	9.98E-01	8.46E-07	0.00E+00	1.02E+03	2.11E-04	5.99E-04	7.04E-03	9.58E-04	1.09E+01	1.95E-08	2.66E-07	1.92E+01	4.67E-01	1.07E-03	3.59E-02	2.77E-02	8.76E-02	2.63E+01	1.33E+00	1.90E-07	1.01E-07	2.15E-03	2.64E-05	1.04E+00	2.10E-01	2.66E+01	3.89E-04	2.66E+01	2.59E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MC301A	2.51E-02	3.02E+00	-3.07E-02	3.07E+00	2.06E-06	0.00E+00	1.25E+03	9.72E-05	2.01E-03	2.09E-02	3.17E-03	3.96E+00	2.43E-08	1.46E-07	7.79E+00	2.67E-01	4.29E-03	1.46E-01	3.51E-02	5.40E-01	1.03E+02	2.91E+00	4.13E-07	1.61E-07	7.95E-03	2.18E-04	8.49E-01	8.09E-01	1.05E+02	6.23E-03	1.05E+02	1.06E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MC302A	2.51E-02	2.99E+00	-3.09E-02	3.06E+00	2.06E-06	0.00E+00	1.25E+03	1.39E-04	2.01E-03	2.09E-02	3.17E-03	4.82E+00	2.43E-08	1.70E-07	9.03E+00	3.57E-01	4.29E-03	1.46E-01	3.51E-02	5.40E-01	1.03E+02	2.91E+00	4.11E-07	1.60E-07	7.95E-03	2.18E-04	8.77E-01	8.07E-01	1.05E+02	6.22E-03	1.05E+02	1.06E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MC303A	2.51E-02	2.98E+00	-3.05E-02	3.04E+00	2.09E-06	0.00E+00	1.25E+03	2.09E-04	2.00E-03	2.08E-02	3.16E-03	8.41E+00	2.43E-08	2.05E-07	1.70E+01	5.38E-01	4.27E-03	1.45E-01	3.50E-02	5.08E-01	1.01E+02	2.91E+00	4.00E-07	1.54E-07	7.94E-03	2.07E-04	8.87E-01	7.73E-01	1.02E+02	6.22E-03	1.02E+02	1.03E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MC304A	2.51E-02	2.98E+00	-2.91E-02	3.05E+00	2.09E-06	0.00E+00	1.25E+03	1.81E-04	1.86E-03	1.93E-02	3.16E-03	8.29E+00	2.43E-08	2.04E-07	1.68E+01	4.37E-01	4.27E-03	1.46E-01	3.49E-02	5.11E-01	1.02E+02	2.91E+00	3.96E-07	1.51E-07	7.47E-03	2.00E-04	8.82E-01	7.78E-01	1.03E+02	6.03E-03	1.03E+02	1.03E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MC306A	1.79E-02	3.03E+00	-3.77E-02	3.08E+00	1.37E-06	0.00E+00	2.04E+03	7.30E-05	1.61E-03	1.72E-02	2.69E-03	3.88E+00	3.73E-08	9.54E-08	6.79E+00	1.60E-01	3.64E-03	1.41E-01	2.60E-02	3.57E-01	1.08E+02	3.03E+00	3.68E-07	1.11E-07	6.07E-03	1.59E-04	4.86E-01	8.33E-01	1.10E+02	3.70E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MC306P	2.41E-02	3.07E+00	-3.19E-02	3.12E+00	1.08E-06	0.00E+00	2.08E+03	1.10E-04	2.42E-03	2.66E-02	2.96E-03	3.95E+00	2.52E-08	1.71E-07	7.50E+00	2.61E-01	4.00E-03	1.26E-01	3.92E-02	5.41E-01	1.04E+02	3.44E+00	4.27E-07	1.65E-07	9.05E-03	2.09E-04	9.89E-01	7.68E-01	1.05E+02	4.84E-04	1.06E+02	1.08E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MC310A	1.95E-02	3.13E+00	-4.06E-02	3.21E+00	1.39E-06	0.00E+00	2.06E+03	7.67E-05	1.72E-03	1.82E-02	2.82E-03	4.09E+00	3.75E-08	1.07E-07	8.82E+00	1.58E-01	3.69E-03	1.41E-01	2.64E-02	3.67E-01	1.09E+02	3.04E+00	3.74E-07	1.23E-07	6.40E-03	1.66E-04	5.07E-01	9.03E-01	1.11E+02	3.71E-04	1.11E+02	1.12E+02	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MC310P	1.57E-02	1.99E+00	-3.09E-02	2.01E+00	1.21E-06	0.00E+00	1.74E+03	6.98E-05	1.65E-03	1.78E-02	2.38E-03	3.25E+00	2.29E-08	9.58E-08	6.50E+00	1.53E-01	3.29E-03	9.80E-02	2.01E-02	3.34E-01	6.48E+01	2.64E+00	2.91E-07	1.01E-07	5.92E-03	1.25E-04	6.00E-01	6.49E-01	6.69E+01	1.93E-04	6.70E+01	6.90E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-01
MC313A	1.97E-02	3.13E+00	-3.57E-02	3.20E+00	1.38E-06	0.00E+00	2.08E+03	7.89E-05	1.71E-03	1.82E-02	2.79E-03	4.13E+00	3.74E-08	1.11E-07	8.94E+00	1.58E-01	3.79E-03	1.43E-01	2.68E-02	3.72E-01	1.09E+02	3.06E+00	3.73E-07	1.24E-07	6.43E-03	1.66E-04	5.05E-01	8.25E-01	1.11E+02	3.54E-04	1.12E+02	1.13E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MC316A	1.39E-02	1.91E+00	-1.66E-02	1.93E+00	1.15E-06	0.00E+00	1.10E+03	6.81E-05	1.17E-03	1.25E-02	2.38E-03	3.37E+00	1.64E-08	8.75E-08	7.16E+00	1.51E-01	3.18E-03	1.04E-01	2.14E-02	2.51E-01	7.26E+01	2.81E+00	2.45E-07	9.19E-08	4.90E-03	1.01E-04	3.60E-01	4.92E-01	7.50E+01	2.00E-04	7.45E+01	7.47E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	9.19E-01
MC316P	1.59E-02	1.99E+00	-2.63E-02	2.01E+00	1.23E-06	0.00E+00	1.74E+03	1.09E-04	1.65E-03	1.78E-02	2.40E-03	4.40E+00	2.29E-08	1.08E-07	8.93E+00	2.21E-01	3.29E-03	9.88E-02	2.08E-02	3.36E-01	6.53E+01	2.66E+00	2.93E-07	1.01E-07	5.92E-03	1.26E-04	6.09E-01	6.46E-01	6.70E+01	2.00E-04	6.71E+01	6.92E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MC320A	2.03E-02	2.55E+00	-2.88E-02	2.58E+00	1.35E-06	0.00E+00	2.06E+03	7.56E-05	1.55E-03	1.68E-02	2.78E-03	4.41E+00	2.19E-08	1.18E-07	9.50E+00	1.51E-01	3.78E-03	1.43E-01	2.81E-02	3.76E-01	1.07E+02	2.88E+00	3.80E-07	1.27E-07	6.39E-03	1.63E-04	5.02E-01	6.67E-01	1.10E+02	3.67E-04	1.10E+02	1.11E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00

MC325A	2.13E-02	2.52E+00	-1.47E-02	2.52E+00	1.01E-06	0.00E+00	1.16E+03	7.12E-05	1.51E-03	1.58E-02	2.85E-03	5.41E+00	1.56E-08	1.31E-07	1.14E+01	1.61E-01	3.89E-03	1.42E-01	2.91E-02	3.85E-01	1.08E+02	3.05E+00	3.76E-07	1.36E-07	6.61E-03	1.61E-04	4.55E-01	4.44E-01	1.10E+02	3.97E-04	1.10E+02	1.11E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MC325P	2.87E-02	3.30E+00	-2.88E-02	3.33E+00	1.18E-06	0.00E+00	2.12E+03	2.33E-04	2.55E-03	2.72E-02	3.09E-03	8.34E+00	4.35E-07	2.53E-07	1.78E+01	4.93E-01	4.18E-03	1.27E-01	4.79E-02	6.02E-01	1.03E+02	3.59E+00	4.57E-07	1.94E-07	9.83E-03	2.11E-04	1.25E+00	7.59E-01	1.04E+02	4.39E-04	1.05E+02	1.08E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MC332A	2.95E-02	2.45E+00	-4.38E-03	2.43E+00	1.94E-06	0.00E+00	7.15E+02	4.28E-04	1.83E-03	1.95E-02	3.17E-03	1.13E+01	4.44E-07	3.11E-07	2.34E+01	1.12E+00	4.28E-03	1.44E-01	4.05E-02	5.59E-01	9.20E+01	2.43E+00	4.56E-07	1.97E-07	8.11E-03	2.22E-04	1.12E+00	4.78E-01	9.42E+01	6.34E-03	9.38E+01	9.59E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MC332P	3.65E-02	3.68E+00	-2.01E-02	3.71E+00	1.31E-06	0.00E+00	2.12E+03	3.58E-04	2.69E-03	2.90E-02	3.28E-03	1.10E+01	4.80E-07	3.43E-07	2.24E+01	8.67E-01	4.44E-03	1.29E-01	7.00E-02	6.87E-01	1.07E+02	3.81E+00	5.37E-07	2.36E-07	1.13E-02	2.33E-04	1.42E+00	8.54E-01	1.10E+02	4.65E-04	1.11E+02	1.13E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
MC340A	2.94E-02	3.32E+00	-1.17E-02	3.41E+00	2.17E-06	0.00E+00	1.13E+03	4.20E-04	1.92E-03	2.08E-02	3.13E-03	1.04E+01	4.90E-07	2.89E-07	2.35E+01	1.08E+00	4.23E-03	1.46E-01	4.04E-02	5.51E-01	9.27E+01	2.92E+00	5.56E-07	1.88E-07	7.92E-03	2.08E-04	1.18E+00	7.72E-01	9.46E+01	5.89E-03	9.46E+01	9.67E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MC340P	3.75E-02	3.87E+00	-1.32E-02	3.89E+00	1.09E-06	0.00E+00	2.13E+03	3.65E-04	2.79E-03	2.99E-02	3.08E-03	1.00E+01	4.79E-07	3.34E-07	2.21E+01	8.74E-01	4.18E-03	1.26E-01	7.55E-02	7.48E-01	1.09E+02	4.01E+00	6.38E-07	2.35E-07	1.15E-02	2.28E-04	1.52E+00	7.33E-01	1.12E+02	4.95E-04	1.12E+02	1.13E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+00
MC350A	3.86E-02	3.51E+00	9.75E-03	3.58E+00	2.20E-06	0.00E+00	1.12E+03	4.34E-04	2.09E-03	2.33E-02	3.32E-03	1.82E+01	3.47E-08	4.12E-07	3.80E+01	1.22E+00	4.49E-03	1.46E-01	5.28E-02	6.32E-01	9.14E+01	2.90E+00	5.73E-07	2.55E-07	9.11E-03	2.53E-04	1.55E+00	8.52E-01	9.38E+01	6.62E-03	9.38E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MC350P	4.56E-02	3.86E+00	-1.52E-03	3.87E+00	1.29E-06	0.00E+00	2.11E+03	3.49E-04	2.78E-03	2.99E-02	3.33E-03	1.75E+01	2.56E-08	4.42E-07	3.51E+01	9.05E-01	4.50E-03	1.33E-01	8.00E-02	7.38E-01	1.09E+02	3.86E+00	6.00E-07	2.89E-07	1.12E-02	2.76E-04	1.63E+00	7.82E-01	1.11E+02	9.63E-04	1.11E+02	1.14E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+00
MC363A	3.89E-02	3.51E+00	1.00E-02	3.59E+00	2.21E-06	0.00E+00	1.12E+03	4.34E-04	2.10E-03	2.33E-02	3.32E-03	1.84E+01	3.45E-08	4.17E-07	3.88E+01	1.24E+00	4.49E-03	1.46E-01	5.35E-02	6.60E-01	9.14E+01	2.90E+00	6.08E-07	2.60E-07	9.16E-03	2.53E-04	1.58E+00	8.52E-01	9.38E+01	6.61E-03	9.38E+01	9.59E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MC363P	4.58E-02	3.96E+00	-1.00E-02	3.97E+00	1.19E-06	0.00E+00	2.15E+03	3.52E-04	2.97E-03	3.18E-02	3.40E-03	1.75E+01	3.88E-08	4.42E-07	3.54E+01	9.28E-01	4.50E-03	1.40E-01	8.56E-02	7.81E-01	1.08E+02	4.01E+00	6.90E-07	2.93E-07	1.25E-02	2.79E-04	1.69E+00	9.37E-01	1.11E+02	1.01E-03	1.12E+02	1.15E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	3.62E+00
MC400A	3.14E-02	2.56E+00	-7.94E-03	2.55E+00	1.88E-06	0.00E+00	8.49E+02	1.46E-04	2.04E-03	2.15E-02	4.00E-03	5.14E+00	1.80E-08	1.61E-07	9.24E+00	3.77E-01	5.56E-03	1.72E-01	3.90E-02	6.11E-01	1.20E+02	2.65E+00	5.07E-07	1.96E-07	1.01E-02	2.59E-04	8.49E-01	6.17E-01	1.23E+02	6.44E-03	1.22E+02	1.29E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MC402A	3.23E-02	3.32E+00	-2.92E-02	3.34E+00	2.26E-06	0.00E+00	1.39E+03	1.81E-04	2.26E-03	2.45E-02	4.12E-03	9.76E+00	3.70E-08	2.15E-07	1.81E+01	4.53E-01	5.70E-03	1.94E-01	4.59E-02	6.34E-01	1.17E+02	2.96E+00	5.60E-07	2.04E-07	1.01E-02	2.59E-04	1.02E+00	9.30E-01	1.18E+02	6.60E-03	1.18E+02	1.24E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MC403A	3.24E-02	3.34E+00	-2.92E-02	3.34E+00	2.26E-06	0.00E+00	1.39E+03	2.22E-04	2.26E-03	2.45E-02	4.12E-03	1.01E+01	3.52E-08	2.35E-07	1.88E+01	6.09E-01	5.70E-03	1.94E-01	4.67E-02	6.34E-01	1.17E+02	2.95E+00	5.58E-07	2.05E-07	1.02E-02	2.59E-04	1.05E+00	9.30E-01	1.17E+02	6.58E-03	1.18E+02	1.24E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MC404A	3.25E-02	3.33E+00	-2.86E-02	3.33E+00	2.26E-06	0.00E+00	1.39E+03	2.20E-04	2.25E-03	2.44E-02	4.05E-03	1.01E+01	2.54E-08	2.35E-07	1.87E+01	6.02E-01	5.62E-03	1.94E-01	4.66E-02	6.32E-01	1.17E+02	2.96E+00	5.57E-07	2.04E-07	1.01E-02	2.59E-04	1.03E+00	8.90E-01	1.17E+02	6.59E-03	1.17E+02	1.23E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MC406A	2.57E-02	3.21E+00	-5.26E-02	3.24E+00	2.01E-06	0.00E+00	2.36E+03	8.71E-05	2.08E-03	2.23E-02	3.68E-03	4.52E+00	3.78E-08	1.24E-07	8.33E+00	1.92E-01	4.79E-03	1.81E-01	3.48E-02	5.04E-01	1.25E+02	3.57E+00	4.95E-07	1.70E-07	8.26E-03	2.16E-04	6.22E-01	1.26E+00	1.28E+02	5.92E-04	1.28E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MC410A	2.76E-02	3.25E+00	-5.37E-02	3.28E+00	1.95E-06	0.00E+00	2.36E+03	9.90E-05	2.11E-03	2.27E-02	3.69E-03	6.98E+00	3.86E-08	1.52E-07	1.23E+01	2.04E-01	4.80E-03	1.81E-01	3.56E-02	5.01E-01	1.25E+02	3.57E+00	4.97E-07	1.77E-07	8.41E-03	2.19E-04	6.45E-01	1.27E+00	1.28E+02	7.26E-04	1.28E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MC413A	2.81E-02	3.26E+00	-4.38E-02	3.27E+00	1.96E-06	0.00E+00	2.36E+03	9.88E-05	2.13E-03	2.32E-02	3.78E-03	7.08E+00	3.77E-08	1.54E-07	1.25E+01	2.04E-01	4.99E-03	1.77E-01	3.62E-02	5.09E-01	1.24E+02	3.57E+00	4.96E-07	1.80E-07	9.14E-03	2.22E-04	6.55E-01	1.26E+00	1.28E+02	7.22E-04	1.27E+02	1.32E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MC416A	2.02E-02	2.86E+00	-4.69E-02	2.86E+00	2.11E-06	0.00E+00	2.08E+03	8.91E-05	2.05E-03	2.16E-02	3.41E-03	4.52E+00	4.07E-08	1.17E-07	9.32E+00	1.91E-01	4.58E-03	1.42E-01	3.17E-02	3.74E-01	1.05E+02	3.28E+00	4.66E-07	1.32E-07	8.01E-03	2.19E-04	5.31E-01	1.25E+00	1.08E+02	3.53E-04	1.08E+02	1.12E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MC420A	2.90E-02	3.27E+00	-3.43E-02	3.29E+00	1.95E-06	0.00E+00	2.35E+03	9.88E-05	2.14E-03	2.33E-02	3.76E-03	7.36E+00	3.61E-08	1.58E-07	1.36E+01	2.05E-01	5.16E-03	1.76E-01	3.80E-02	5.11E-01	1.26E+02	3.57E+00	5.01E-07	1.85E-07	9.39E-03	2.24E-04	6.66E-01	8.98E-01	1.29E+02	6.39E-04	1.28E+02	1.32E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MC420P	1.02E-02	9.84E-01	-9.84E-03	1.00E+00	9.67E-07	0.00E+00	1.07E+03	2.13E-04	8.37E-04	9.29E-03	1.06E-03	8.65E+00	2.60E-07	1.94E-07	1.71E+01	4.41E-01	1.07E-03	4.99E-02	2.02E-02	8.64E-02	2.68E+01	1.28E+00	3.83E-07	6.95E-08	2.17E-03	2.35E-05	8.85E-01	4.29E-01	2.71E+01	5.28E-04	2.69E+01	2.73E+01	7.96E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MC425A	3.01E-02	2.56E+00	-1.65E-02	2.54E+00	1.68E-06	0.00E+00	1.14E+03	1.98E-04	1.99E-03	2.10E-02	3.87E-03	8.08E+00	1.82E-08	1.91E-07	1.71E+01	5.59E-01	5.33E-03	1.70E-01	4.09E-02	5.15E-01	1.24E+02	2.90E+00	5.03E-07	1.88E-07	9.56E-03	2.26E-04	7.59E-01	5.75E-01	1.28E+02	7.14E-04	1.27E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MC425P	1.89E-02	1.04E+00	-6.04E-03	1.08E+00	6.56E-07	0.00E+00	1.03E+03	3.72E-04	8.88E-04	9.77E-03	1.05E-03	9.74E+00	3.51E-07	3.24E-07	2.08E+01	9.06E-01	1.07E-03	4.97E-02	3.29E-02	9.47E-02	2.66E+01	1.36E+00	4.00E-07	9.79E-08	2.21E-03	2.84E-05	1.33E+00	4.17E-01	2.70E+01	2.02E-04	2.68E+01	2.65E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MC432A	3.70E-02	3.32E+00	-1.32E-02	3.35E+00	2.37E-06	0.00E+00	1.21E+03	5.28E-04	2.32E-03	2.51E-02	4.13E-03	1.35E+01	5.69E-07	3.45E-07	2.76E+01	1.37E+00	5.69E-03	1.94E-01	5.23E-02	6.74E-01	1.10E+02	2.94E+00	6.05E-07	2.32E-07	1.02E-02	2.62E-04	1.46E+00	9.41E-01	1.12E+02	6.74E-03	1.13E+02	1.19E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MC432P	1.90E-02	1.06E+00	-5.73E-03	1.11E+00	7.01E-07	0.00E+00	1.03E+03	3.72E-04	8.74E-04	9.58E-03	1.04E-03	9.77E+00	3.59E-07	3.23E-07	2.08E+01	9.07E-01	1.07E-03	4.97E-02	3.30E-02	9.45E-02	2.67E+01	1.36E+00	4.35E-07	1.00E-07	2.21E-03	2.83E-05	1.34E+00	4.17E-01	2.71E+01	2.03E-04	2.69E+01	2.65E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MC440A	3.84E-02	3.37E+00	-1.27E-02	3.38E+00	2.34E-06	0.00E+00	1.22E+03	5.40E-04	2.35E-03	2.54E-02	4.15E-03	1.36E+01	5.68E-07	3.58E-07	2.94E+01	1.41E+00	5.71E-03	1.94E-01	5.39E-02	6.93E-01	1.11E+02	2.94E+00	6.78E-07	2.40E-07	1.03E-02	2.63E-04	1.48E+00	9.42E-01	1.13E+02	6.68E-03	1.13E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MC440P	1.99E-02	1.06E+00	-5.44E-03	1.11E+00	7.57E-07	0.00E+00	1.03E+03	3.82E-04	8.69E-04	9.55E-03	1.04E-03	9.99E+00	3.61E-07	3.30E-07	2.31E+01	9.59E-01	1.07E-03	5.15E-02	3.57E-02	9.44E-02	2.74E+01	1.36E+00	4.80E-07	1.01E-07	2.20E-03	2.85E-05	1.37E+00	4.17E-01	2.76E+01	2.24E-04	2.74E+01	2.71E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MC450A	4.94E-02	3.54E+00	1.26E-02	3.53E+00	2.36E-06	0.00E+00	1.20E+03	5.63E-04	2.57E-03	2.82E-02	4.25E-03	2.32E+01	3.79E-08	5.33E-07	4.71E+01	1.62E+00	5.99E-03	1.91E-01	6.84E-02	7.87E-01	1.09E+02	2.93E+00	7.42E-07	3.18E-07	1.17E-02	3.23E-04	2.02E+00	9.50E-01	1.11E+02	7.37E-03	1.12E+02	1.18E+02	2.94E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00
MC450P	2.28E-02	1.07E+00	-3.20E-03	1.10E+00	9.99E-07	0.00E+00	1.03E+03	3.61E-04	8.96E-04	9.88E-03	1.04E-03	1.65E+01	1.91E-08	4.15E-07	3.47E+01	9.76E-01	1.06E-03	4.98E-02	3.88E-02	9.31E-02	2.73E+01	1.36E+00	5.06E-07	1.14E-07	2.22E-03	2.78E-05	1.60E+00	4.16E-01	2.76E+01	5.93E-04	2.75E+01	2.67E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MC463A	4.99E-02	3.55E+00	1.23E-02	3.55E+00	2.34E-06	0.00E+00	1.20E+03	5.63E-04	2.58E-03	2.83E-02	4.33E-03	2.35E+01	3.80E-08	5.38E-07	4.76E+01	1.61E+00	6.03E-03	1.92E-01	6.86E-02	8.46E-01	1.09E+02	2.92E+00	7.45E-07	3.25E-07	1.18E-02	3.22E-04	2.04E+00	1.13E+00	1.12E+02	7.32E-03	1.12E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MC463P	2.30E-02	1.08E+00	-3.20E-03	1.12E+00	9.99E-07	0.00E+00	1.03E+03	3.61E-04	8.96E-04	9.89E-03	1.04E-03	1.65E+01	1.91E-08	4.13E-07	3.48E+01	9.77E-01	1.06E-03	4.97E-02	3.89E-02	9.32E-02	2.73E+01	1.37E+00	5.11E-07	1.16E-07	2.22E-03	2.78E-05	1.65E+00	4.16E-01	2.76E+01	5.95E-04	2.75E+01	2.67E+01	8.05E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MC506A	1.18E-02	1.71E+00	-3.37E-02	1.75E+00	6.57E-07	0.00E+00	1.64E+03	5.72E-05	1.40E-03	1.48E-02	1.81E-03	2.74E+00	3.24E-08	6.57E-08	5.59E+00	1.21E-01	2.49E-03	9.56E-02	1.56E-02	2.55E-01	7.04E+01	2.18E+00	2.51E-07	7.49E-08	4.18E-03	1.06E-04	3.67E-01	6.88E-01	7.24E+01	2.23E-04	7.24E+01	7.35E+01	7.05E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
MC510A	1.21E-02	1.71E+00	-3.38E-02	1.74E+00	6.42E-07	0.00E+00	1.64E+03	5.77E-05	1.40E-03	1.48E-02	1.81E-03	2.62E+00	3.25E-08	7.06E-08	5.52E+00	1.17E-01	2.49E-03	9.60E-02	1.67E-02	2.56E-01	7.05E+01	2.18E+00	2.52E-07	7.70E-08	4.18E-03	1.08E-04	4.19E-01	6.88E-01	7.25E+01	2.11E-04	7.25E+01	7.37E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
MC513A	1.32E-02	1.81E+00	-3.33E-02	1.82E+00	5.79E-07	0.00E+00	1.65E+03	6.43E-05	1.40E-03	1.49E-02	1.83E-03	2.79E+00	2.64E-08	7.66E-08	5.58E+00	1.29E-01	2.51E-03	9.77E-02	1.95E-02	2.63E-01	7.22E+01	2.18E+00	2.55E-07	8.26E-08	4.29E-03	1.08E-04	4.29E-01	6.34E-01	7.39E+01	2.19E-04	7.40E+01	7.55E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	8.38E-01
MC516A	1.36E-02	1.81E+00	-2.83E-02	1.82E+00	4.98E-07	0.00E+00	1.60E+03	6.01E-05	1.40E-03	1.50E-02	1.83E-03	2.71E+00	2.12E-08	7.70E-08	5.60E+00	1.16E-01	2.51E-03	9.76E-02	1.96E-02	2.59E-01	7.23E+01	2.18E+00	2.56E-07	8.37E-08	4.28E-03	1.08E-04	4.28E-01	5.50E-01	7.40E+01	2.30E-04	7.41E+01	7.56E+01	7.85E-01	0.00E+00	0.00E+00	0.00E+00	8.31E-01
MC520A	1.53E-02	1.81E+00	-2.20E-02	1.81E+00	5.07E-07	0.00E+00	1.59E+03	1.04E-04	1.40E-03	1.49E-02	1.86E-03	3.31E+00	1.70E-07	9.44E-08	7.63E+00	1.87E-01	2.55E-03	9.52E-02	2.14E-02	2.75E-01	7.20E+01	2.18E+00	2.58E-07	9.28E-08	4.69E-03	1.09E-04	3.97E-01	5.40E-01	7.29E+01	2.37E-04	7.29E+01	7.48E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	9.59E-01
MC525A	1.54E-02	1.68E+00	-1.20E-02	1.68E+00	2.38E-07	0.00E+00	1.35E+03	1.09E-04	1.07E-03	1.15E-02	1.85E-03	4.60E+00	1.64E-07	1.10E-07	1.01E+01	2.13E-01	2.53E-03	9.39E-02	2.14E-02	2.66E-01	7.12E+01	1.69E+00	2.59E-07	9.40E-08	4.62E-03	1.09E-04	4.30E-01	2.84E-01	7.24E+01	2.69E-04	7.20E+01	7.27E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MC532A	1.86E-02	1.78E+00	-1.68E-02	1.77E+00	7.33E-07	0.00E+00	1.03E+03	2.84E-04	1.41E-03	1.56E-02	2.10E-03	6.83E+00	3.45E-07	1.89E-07	1.49E+01	7.20E-01	2.83E-03	9.87E-02	2.64E-02	3.26E-01	6.31E+01	2.27E+00	3.10E-07	1.17E-07	5.17E-03	1.31E-04	6.79E-01	5.41E-01	6.43E+01	3.99E-03	6.45E+01	6.55E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MC540A	1.93E-02	1.80E+00	-2.08E-02	1.80E+00	1.11E-06	0.00E+00	1.10E+03	2.89E-04	1.43E-03	1.57E-02	2.11E-03	7.23E+00	3.50E-07	2.05E-07	1.56E+01	7.47E-01	2.87E-03	1.01E-01	2.72E-02	3.53E-01	6.32E+01	2.36E+00	3.75E-07	1.21E-07	5.25E-03	1.33E-04	9.05E-01	5.51E-01	6.42E+01	3.99E-03	6.44E+01	6.55E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MC563A	2.82E-02	1.84E+00	7.26E-03	1.84E+00	1.14E-06	0.00E+00	1.10E+03	3.07E-04	1.50E-03	1.69E-02	2.23E-03	1.32E+01	2.22E-08	3.01E-07	2.67E+01	8.75E-01	3.03E-03	1.01E-01	3.63E-02	4.13E-01	6.22E+01	2.36E+00	4.14E-07	1.75E-07	5.84E-03	1.62E-04	1.19E+00	6.44E-01	6.34E+01	4.40E-03	6.37E+01	6.50E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MCA100	8.27E-03	1.00E+00	-5.01E-03	1.04E+00	8.24E-07	0.00E+00	5.44E+02	5.04E-05	6.45E-04	6.46E-03	1.02E-03	2.30E+00	2.56E-08	8.07E-08	5.10E+00	1.29E-01	1.37E-03	4.33E-02	1.33E-02	2.66E-01	3.52E+01	1.16E+00	9.86E-08	5.78E-08	2.58E-03	1.17E-04	4.49E-01	2.22E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.35E-01
MCA101	8.19E-03	1.00E+00	-4.99E-03	1.04E+00	8.25E-07	0.00E+00	5.65E+02	5.02E-05	6.39E-04	6.40E-03	1.01E-03	1.99E+00	2.52E-08	8.05E-08	4.57E+00	1.35E-01	1.37E-03	4.32E-02	1.32E-02	2.59E-01	3.51E+01	1.15E+00	9.92E-08	5.77E-08	2.57E-03	1.16E-04	4.51E-01	2.20E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MCA102	8.27E-03	9.96E-01	-4.99E-03	1.04E+00	8.75E-07	0.00E+00	5.73E+02	5.07E-05	6.36E-04	6.41E-03	1.01E-03	2.03E+00	2.47E-08	7.94E-08	4.61E+00	1.39E-01	1.37E-03	4.33E-02	1.33E-02	2.63E-01	3.51E+01	1.15E+00	9.86E-08	5.73E-08	2.58E-03	1.16E-04	4.58E-01	2.20E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MCA103	8.27E-03	9.94E-01	-5.06E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	4.72E-05	6.31E-04	6.41E-03	1.01E-03	1.98E+00	2.47E-08	7.92E-08	4.35E+00	1.29E-01	1.37E-03	4.30E-02	1.31E-02	2.62E-01	3.52E+01	1.15E+00	9.74E-08	5.73E-08	2.57E-03	1.16E-04	4.55E-01	2.20E-01	3.64E+01	3.45E-04	3.64E+01	3.69E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MCA104	8.23E-03	9.93E-01	-5.07E-03	1.04E+00	8.75E-07	0.00E+00	5.75E+02	5.04E-05	6.37E-04	6.39E-03	1.01E-03	2.06E+00	2.47E-08	7.94E-08	4.51E+00	1.36E-01	1.37E-03	4.30E-02	1.31E-02	2.62E-01	3.48E+01	1.15E+00	9.84E-08	5.70E-08	2.56E-03	1.16E-04	4.72E-01	2.20E-01	3.58E+01	3.51E-04	3.58E+01	3.67E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCA106	6.82E-03	8.97E-01	-7.72E-03	9.10E-01	8.77E-07	0.00E+00	5.49E+02	4.37E-05	5.81E-04	6.06E-03	9.62E-04	1.78E+00	1.56E-08	4.71E-08	3.78E+00	1.11E-01	1.31E-03	4.24E-02	9.91E-03	1.58E-01	3.50E+01	1.01E+00	8.68E-08	4.55E-08	2.33E-03	5.55E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
MCA110	7.25E-03	8.70E-01	-7.81E-03	8.85E-01	9.03E-07	0.00E+00	5.97E+02	4.18E-05	5.93E-04	6.35E-03	9.45E-04	1.81E+00	1.50E-08	4.66E-08	3.89E+00	9.78E-02	1.28E-03	4.23E-02	9.94E-03	1.62E-01	3.50E+01	1.00E+00	8.69E-08	4.83E-08	2.39E-03	5.52E-05	2.98E-01	2.35E-01	3.64E+01	3.89E-04	3.64E+01	3.69E+01	5.72E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-01
MCA113	7.49E-03	8.63E-01	-7.64E-03	8.69E-01	8.82E-07	0.00E+00	6.03E+02	4.46E-05	5.54E-04	5.92E-03	8.92E-04	1.87E+00	1.55E-08	4.66E-08	4.00E+00	1.12E-01	1.22E-03	4.23E-02	1.01E-02	1.57E-01	3.51E+01	1.00E+00	8.73E-08	4.94E-08	2.55E-03	5.48E-05	2.97E-01	2.14E-01	3.63E+01	2.87E-04	3.63E+01	3.68E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-01
MCA116	7.19E-03	8.78E-01	-7.87E-03	8.85E-01	8.82E-07	0.00E+00	6.24E+02	4.56E-05	8.36E-04	8.99E-03	9.55E-04	1.99E+00	2.12E-08	4.75E-08	3.99E+00	1.15E-01	1.29E-03	4.24E-02	9.98E-03	1.61E-01	3.44E+01	9.93E-01	8.76E-08	4.65E-08	2.46E-03	5.56E-05	3.02E-01	2.35E-01	3.56E+01	3.96E-04	3.56E+01	3.64E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
MCA120	7.00E-03	8.84E-01	-6.97E-03	8.86E-01	8.87E-07	0.00E+00	6.23E+02	5.48E-05	5.95E-04	6.18E-03	1.00E-03	2.09E+00	1.57E-08	5.49E-08	4.26E+00	1.65E-01	1.35E-03	4.26E-02	1.04E-02	1.60E-01	3.39E+01	9.94E-01	8.91E-08	4.61E-08	2.38E-03	5.72E-05	3.14E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
MCA125	9.16E-03	8.91E-01	-3.09E-03	8.90E-01	8.95E-07	0.00E+00	5.92E+02	8.23E-05	6.13E-04	6.49E-03	1.00E-03	3.34E+00	1.59E-08	8.58E-08	6.55E+00	2.33E-01	1.35E-03	4.27E-02	1.34E-02	1.61E-01	3.34E+01	1.00E+00	9.14E-08	5.61E-08	2.55E-03	6.13E-05	4.38E-01	2.38E-01	3.49E+01	4.38E-04	3.49E+01	3.54E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MCA132	9.38E-03	9.03E-01	-2.23E-03	9.02E-01	8.99E-07	0.00E+00	5.36E+02	1.09E-04	6.25E-04	6.59E-03	1.02E-03	4.13E+00	1.60E-08	1.07E-07	8.83E+00	3.03E-01	1.38E-03	4.41E-02	1.40E-02	1.64E-01	3.32E+01	1.01E+00	9.52E-08	6.05E-08	2.62E-03	6.21E-05	4.72E-01	2.20E-01	3.45E+01	4.79E-04	3.45E+01	3.53E+01	6.91E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-01
MCA140	1.12E-02	9.51E-01	-3.75E-03	9.24E-01	1.04E-06	0.00E+00	5.44E+02	9.48E-05	6.67E-04	7.37E-03	1.03E-03	3.95E+00	1.72E-08	1.06E-07	7.12E+00	2.35E-01	1.44E-03	5.15E-02	1.51E-02	1.98E-01	3.13E+01	1.15E+00	1.26E-07	7.12E-08	2.73E-03	6.34E-05	5.02E-01	3.20E-01	3.30E+01	4.33E-04	3.33E+01	3.34E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	6.66E-01
MCA150	1.07E-02	9.90E-01	-2.69E-03	9.59E-01	9.62E-07	0.00E+00	4.18E+02	1.36E-04	7.77E-04	8.23E-03	1.04E-03	4.58E+00	1.87E-08	1.15E-07	9.40E+00	3.83E-01	1.41E-03	4.44E-02	1.57E-02	1.73E-01	3.17E+01	1.04E+00	1.16E-07	6.78E-08	2.77E-03	6.87E-05	4.93E-01	2.41E-01	3.26E+01	1.16E-03	3.25E+01	3.39E+01	7.87E-01	0.00E+00	0.00E+00	0.00E+00	6.74E-01
MCA163	1.25E-02	9.47E-01	-1.24E-04	9.22E-01	9.65E-07	0.00E+00	5.38E+02	1.47E-04	6.64E-04	7.27E-03	1.01E-03	5.98E+00	1.92E-08	1.39E-07	1.30E+01	3.93E-01	1.42E-03	4.66E-02	1.74E-02	1.97E-01	2.98E+01	1.03E+00	1.15E-07	8.02E-08	2.74E-03	6.53E-05	5.36E-01	2.64E-01	3.10E+01	5.04E-04	3.11E+01	3.25E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	7.63E-01
MCA200	2.18E-02	1.87E+00	-6.34E-03	1.85E+00	1.25E-06	0.00E+00	1.12E+03	6.55E-05	1.27E-03	1.31E-02	1.96E-03	2.50E+00	2.59E-08	1.01E-07	5.48E+00	1.89E-01	2.74E-03	8.81E-02	3.45E-02	3.74E-01	6.37E+01	1.46E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	7.05E-01	2.71E-01	6.58E+01	8.27E-04	6.53E+01	6.70E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCA201	2.18E-02	1.87E+00	-5.72E-03	1.85E+00	1.25E-06	0.00E+00	1.12E+03	7.20E-05	1.27E-03	1.31E-02	1.96E-03	2.59E+00	2.58E-08	1.01E-07	5.67E+00	2.21E-01	2.73E-03	8.68E-02	3.52E-02	3.75E-01	6.42E+01	1.47E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	7.04E-01	2.51E-01	6.64E+01	8.58E-04	6.58E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MCA202	2.18E-02	1.87E+00	-8.84E-04	1.85E+00	1.26E-06	0.00E+00	1.12E+03	1.56E-04	1.27E-03	1.31E-02	1.96E-03	4.43E+00	2.75E-08	1.40E-07	8.61E+00	4.13E-01	2.73E-03	8.68E-02	3.55E-02	3.75E-01	6.42E+01	1.47E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	8.58E-01	2.61E-01	6.64E+01	8.66E-04	6.58E+01	6.75E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCA203	2.18E-02	1.87E+00	-3.05E-03	1.85E+00	1.28E-06	0.00E+00	1.12E+03	1.32E-04	1.29E-03	1.34E-02	1.96E-03	3.48E+00	2.83E-08	1.28E-07	6.56E+00	3.21E-01	2.73E-03	8.68E-02	3.56E-02	3.76E-01	6.40E+01	1.47E+00	2.59E-07	1.37E-07	6.03E-03	1.41E-04	8.60E-01	2.91E-01	6.61E+01	8.29E-04	6.56E+01	6.73E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCA204	1.58E-02	1.94E+00	-1.23E-02	1.96E+00	1.52E-06	0.00E+00	9.35E+02	9.81E-05	1.36E-03	1.45E-02	2.12E-03	4.09E+00	3.00E-08	1.42E-07	8.21E+00	2.54E-01	2.88E-03	8.78E-02	2.50E-02	4.59E-01	7.25E+01	2.20E+00	1.80E-07	1.05E-07	5.35E-03	1.53E-04	8.20E-01	4.73E-01	7.47E+01	8.97E-04	7.47E+01	7.60E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCA206	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
MCA210	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
MCA213	1.24E-02	1.71E+00	-7.44E-04	1.73E+00	1.25E-06	0.00E+00	1.18E+03	1.45E-04	1.25E-03	1.33E-02	1.74E-03	4.06E+00	1.74E-08	1.09E-07	7.60E+00	3.56E-01	2.38E-03	8.73E-02	1.57E-02	2.95E-01	6.28E+01	1.47E+00	2.54E-07	8.74E-08	5.33E-03	1.40E-04	6.95E-01	2.49E-01	6.53E+01	9.03E-04	6.49E+01	6.66E+01	8.84E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-01
MCA216	1.28E-02	1.68E+00	-1.48E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.22E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.17E-01	6.78E+01	1.95E+00	1.75E-07	8.52E-08	4.50E-03	1.33E-04	5.51E-01	4.56E-01	6.97E+01	8.90E-04	6.97E+01	7.07E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MCA220	1.44E-02	1.73E+00	-1.15E-02	1.74E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.18E-03	1.29E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.31E-01	6.75E+01	1.96E+00	1.84E-07	9.50E-08	4.78E-03	1.38E-04	6.28E-01	4.63E-01	6.95E+01	9.06E-04	6.95E+01	7.06E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-01
MCA225	1.42E-02	1.70E+00	-1.15E-02	1.71E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.10E-03	1.20E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.29E-01	6.72E+01	1.96E+00	1.84E-07	9.36E-08	4.56E-03	1.37E-04	6.28E-01	4.63E-01	6.91E+01	9.06E-04	6.91E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
MCA232	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.35E-03	1.45E-04	7.94E-01	4.77E-01	6.71E+01	9.89E-04	6.71E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCA240	2.35E-02	1.71E+00	5.65E-03	1.71E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.29E-03	1.39E-02	2.20E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.98E-03	8.59E-02	3.48E-02	3.60E-01	5.53E+01	2.07E+00	2.23E-07	1.51E-07	5.64E-03	1.57E-04	1.02E+00	4.80E-01	5.73E+01	1.18E-03	5.73E+01	5.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCA250	2.41E-02	1.75E+00	6.03E-03	1.74E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.36E-03	1.47E-02	2.22E-03	1.22E+01	2.63E-08	2.90E-07	2.59E+01	9.00E-01	3.00E-03	8.58E-02	3.53E-02	3.52E-01	5.57E+01	2.07E+00	2.25E-07	1.53E-07	5.87E-03	1.58E-04	1.04E+00	4.82E-01	5.78E+01	1.18E-03	5.78E+01	5.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCA263	2.46E-02	1.77E+00	6.03E-03	1.77E+00	1.64E-06	0.00E+00	8.73E+02	3.10E-04	1.38E-03	1.49E-02	2.23E-03	1.23E+01	2.77E-08	2.92E-07	2.61E+01	8.97E-01	3.02E-03	8.57E-02	3.59E-02	3.89E-01	5.62E+01	2.07E+00	2.26E-07	1.59E-07	5.96E-03	1.59E-04	1.07E+00	4.83E-01	5.83E+01	1.18E-03	5.83E+01	5.98E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCA300	2.51E-02	2.48E+00	-2.00E-02	2.49E+00	2.15E-06	0.00E+00	1.74E+03	1.14E-04	1.80E-03	1.96E-02	3.12E-03	4.69E+00	3.64E-08	1.62E-07	8.13E+00	2.77E-01	4.23E-03	1.25E-01	3.60E-02	5.45E-01	1.00E+02	2.44E+00	3.12E-07	1.62E-07	8.13E-03	2.00E-04	9.56E-01	6.22E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCA301	2.39E-02	2.43E+00	-5.07E-03	2.42E+00	1.81E-06	0.00E+00	1.13E+03	9.62E-05	1.69E-03	1.82E-02	2.95E-03	3.99E+00	2.87E-08	1.41E-07	7.78E+00	2.43E-01	4.01E-03	1.22E-01	3.45E-02	5.39E-01	9.99E+01	2.81E+00	2.99E-07	1.53E-07	7.92E-03	1.99E-04	8.82E-01	4.76E-01	1.02E+02	1.31E-03	1.02E+02	1.04E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCA302	2.45E-02	2.43E+00	-5.05E-03	2.42E+00	2.06E-06	0.00E+00	1.13E+03	1.76E-04	1.71E-03	1.86E-02	3.04E-03	7.24E+00	3.11E-08	1.82E-07	1.55E+01	4.62E-01	4.11E-03	1.23E-01	3.49E-02	5.46E-01	1.00E+02	2.73E+00	3.06E-07	1.57E-07	8.05E-03	2.01E-04	1.01E+00	5.27E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCA303	2.40E-02	2.43E+00	-1.84E-03	2.42E+00	1.85E-06	0.00E+00	1.13E+03	1.75E-04	1.70E-03	1.84E-02	2.94E-03	6.90E+00	3.01E-08	1.83E-07	1.50E+01	4.54E-01	3.99E-03	1.22E-01	3.45E-02	5.41E-01	9.94E+01	2.81E+00	3.00E-07	1.53E-07	7.92E-03	1.96E-04	1.00E+00	4.76E-01	1.02E+02	1.30E-03	1.02E+02	1.04E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MCA304	2.48E-02	2.44E+00	-5.24E-03	2.43E+00	2.09E-06	0.00E+00	1.04E+03	1.74E-04	1.71E-03	1.87E-02	3.04E-03	7.32E+00	3.15E-08	1.80E-07	1.57E+01	4.59E-01	4.10E-03	1.24E-01	3.55E-02	5.47E-01	1.00E+02	2.73E+00	3.06E-07	1.60E-07	8.07E-03	2.03E-04	1.02E+00	5.61E-01	1.03E+02	1.34E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCA306	2.12E-02	2.42E+00	-5.65E-03	2.41E+00	1.75E-06	0.00E+00	1.13E+03	1.16E-04	1.67E-03	1.77E-02	2.83E-03	4.39E+00	2.25E-08	1.53E-07	7.26E+00	3.00E-01	3.83E-03	1.21E-01	3.01E-02	4.59E-01	1.01E+02	2.85E+00	2.95E-07	1.36E-07	7.05E-03	1.81E-04	8.70E-01	5.22E-01	1.03E+02	1.31E-03	1.02E+02	1.04E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MCA310	2.03E-02	2.79E+00	-3.50E-02	2.85E+00	2.24E-06	0.00E+00	1.85E+03	1.35E-04	1.81E-03	1.92E-02	2.58E-03	5.52E+00	4.01E-08	1.43E-07	1.00E+01	3.32E-01	3.75E-03	1.30E-01	2.56E-02	4.42E-01	1.01E+02	3.01E+00	3.07E-07	1.35E-07	7.09E-03	1.85E-04	7.45E-01	8.43E-01	1.03E+02	4.41E-04	1.04E+02	1.04E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCA313	2.11E-02	2.65E+00	-3.40E-02	2.70E+00	2.07E-06	0.00E+00	1.76E+03	1.55E-04	1.81E-03	1.94E-02	2.96E-03	6.78E+00	3.89E-08	1.75E-07	1.48E+01	3.81E-01	4.01E-03	1.24E-01	3.22E-02	5.12E-01	1.03E+02	3.03E+00	2.75E-07	1.38E-07	7.16E-03	2.03E-04	8.82E-01	8.44E-01	1.04E+02	1.34E-03	1.05E+02	1.07E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MCA316	1.92E-02	2.52E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.83E-02	2.94E-03	5.89E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.77E-01	1.02E+02	2.95E+00	2.63E-07	1.28E-07	6.76E-03	2.01E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MCA320	2.20E-02	2.79E+00	-3.47E-02	2.87E+00	2.28E-06	0.00E+00	1.87E+03	1.36E-04	1.81E-03	1.94E-02	2.78E-03	5.78E+00	4.09E-08	1.51E-07	1.03E+01	3.41E-01	4.03E-03	1.30E-01	3.12E-02	4.93E-01	1.02E+02	3.14E+00	3.11E-07	1.42E-07	7.22E-03	2.00E-04	7.66E-01	8.44E-01	1.04E+02	4.65E-04	1.04E+02	1.05E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
MCA325	2.56E-02	3.30E+00	-3.44E-02	3.32E+00	2.28E-06	0.00E+00	1.97E+03	1.84E-04	1.94E-03	2.01E-02	3.16E-03	8.48E+00	3.86E-08	2.09E-07	1.68E+01	3.77E-01	4.17E-03	1.29E-01	3.46E-02	4.65E-01	1.06E+02	3.25E+00	4.34E-07	1.67E-07	7.52E-03	2.06E-04	9.48E-01	8.31E-01	1.08E+02	4.94E-04	1.08E+02	1.14E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCA332	2.89E-02	2.87E+00	-2.40E-02	2.95E+00	2.40E-06	0.00E+00	1.98E+03	2.87E-04	1.86E-03	2.02E-02	2.92E-03	1.12E+01	2.99E-07	3.21E-07	1.91E+01	7.18E-01	4.23E-03	1.30E-01	4.17E-02	5.05E-01	1.03E+02	3.25E+00	3.36E-07	1.83E-07	7.48E-03	2.07E-04	1.19E+00	8.45E-01	1.05E+02	3.37E-03	1.05E+02	1.06E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCA340	2.91E-02	2.99E+00	-2.53E-02	3.06E+00	2.37E-06	0.00E+00	1.32E+03	2.52E-04	1.99E-03	2.15E-02	3.32E-03	9.86E+00	3.93E-08	2.49E-07	2.02E+01	6.68E-01	4.39E-03	1.32E-01	4.34E-02	5.12E-01	9.19E+01	2.74E+00	3.77E-07	1.99E-07	8.31E-03	2.37E-04	1.08E+00	8.41E-01	9.56E+01	6.69E-03	9.60E+01	1.02E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MCA350	3.31E-02	2.44E+00	2.33E-04	2.43E+00	2.18E-06	0.00E+00	1.02E+03	3.93E-04	1.89E-03	2.00E-02	3.17E-03	1.55E+01	2.34E-08	3.74E-07	3.31E+01	1.13E+00	4.29E-03	1.26E-01	4.63E-02	5.49E-01	9.43E+01	2.65E+00	3.50E-07	2.12E-07	8.62E-03	2.19E-04	1.35E+00	4.92E-01	9.82E+01	1.62E-03	9.77E+01	9.95E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
MCA363	3.30E-02	2.44E+00	-1.15E-03	2.44E+00	2.12E-06	0.00E+00	1.02E+03	3.96E-04	1.88E-03	2.00E-02	3.17E-03	1.55E+01	2.43E-08	3.71E-07	3.38E+01	1.14E+00	4.30E-03	1.26E-01	4.60E-02	5.57E-01	9.43E+01	2.68E+00	4.38E-07	2.15E-07	8.63E-03	2.20E-04	1.33E+00	5.31E-01	9.82E+01	1.69E-03	9.77E+01	9.93E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
MCA400	3.00E-02	2.48E+00	-1.91E-02	2.47E+00	2.20E-06	0.00E+00	2.06E+03	1.51E-04	2.33E-03	2.46E-02	3.99E-03	9.45E+00	3.52E-08	1.91E-07	1.75E+01	4.11E-01	5.54E-03	1.72E-01	4.03E-02	6.36E-01	1.27E+02	2.83E+00	4.10E-07	1.96E-07	9.81E-03	2.75E-04	1.05E+00	6.65E-01	1.32E+02	1.72E-03	1.32E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00

MCA401	3.00E-02	2.48E+00	-1.70E-02	2.46E+00	2.14E-06	0.00E+00	1.16E+03	1.29E-04	2.24E-03	2.31E-02	3.97E-03	4.81E+00	3.08E-08	1.59E-07	8.16E+00	3.27E-01	5.51E-03	1.70E-01	3.98E-02	6.29E-01	1.27E+02	2.76E+00	4.04E-07	1.96E-07	9.76E-03	2.73E-04	1.00E+00	6.63E-01	1.32E+02	1.73E-03	1.32E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCA402	3.06E-02	2.48E+00	-2.50E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.11E-04	2.23E-03	2.31E-02	3.92E-03	1.01E+01	3.06E-08	2.25E-07	1.88E+01	5.10E-01	5.41E-03	1.70E-01	4.16E-02	6.08E-01	1.27E+02	2.71E+00	4.08E-07	2.02E-07	9.79E-03	2.44E-04	1.09E+00	5.51E-01	1.32E+02	1.77E-03	1.31E+02	1.32E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCA403	3.08E-02	2.48E+00	-3.69E-03	2.46E+00	2.16E-06	0.00E+00	1.03E+03	2.08E-04	2.25E-03	2.33E-02	3.92E-03	1.01E+01	3.15E-08	2.26E-07	1.87E+01	5.02E-01	5.41E-03	1.70E-01	4.26E-02	6.07E-01	1.27E+02	2.71E+00	4.08E-07	2.03E-07	9.79E-03	2.44E-04	1.08E+00	5.61E-01	1.32E+02	1.80E-03	1.31E+02	1.32E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MCA404	3.11E-02	2.49E+00	-1.65E-02	2.47E+00	2.22E-06	0.00E+00	2.07E+03	2.12E-04	2.32E-03	2.47E-02	4.00E-03	1.05E+01	3.57E-08	2.32E-07	1.95E+01	5.38E-01	5.50E-03	1.71E-01	4.41E-02	6.31E-01	1.28E+02	2.83E+00	4.07E-07	2.05E-07	9.84E-03	2.74E-04	1.16E+00	6.64E-01	1.34E+02	1.72E-03	1.33E+02	1.34E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MCA406	2.47E-02	3.50E+00	-1.75E-02	3.52E+00	2.44E-06	0.00E+00	1.72E+03	1.52E-04	2.37E-03	2.49E-02	3.97E-03	6.45E+00	4.46E-08	2.30E-07	1.27E+01	3.77E-01	5.38E-03	1.70E-01	3.97E-02	6.58E-01	1.39E+02	4.12E+00	3.41E-07	1.67E-07	9.31E-03	2.69E-04	1.25E+00	7.72E-01	1.43E+02	1.81E-03	1.43E+02	1.45E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MCA410	2.44E-02	3.33E+00	-1.87E-02	3.35E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.20E-03	2.38E-02	3.79E-03	7.04E+00	4.78E-08	1.69E-07	1.40E+01	3.77E-01	5.13E-03	1.69E-01	3.70E-02	6.34E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.80E-03	2.69E-04	1.08E+00	7.53E-01	1.39E+02	1.81E-03	1.39E+02	1.40E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCA413	2.54E-02	2.47E+00	-2.39E-03	2.45E+00	2.17E-06	0.00E+00	1.04E+03	2.07E-04	2.08E-03	2.16E-02	3.52E-03	8.97E+00	2.19E-08	2.12E-07	1.86E+01	5.05E-01	4.76E-03	1.74E-01	3.86E-02	5.87E-01	1.29E+02	2.69E+00	3.91E-07	1.80E-07	8.44E-03	2.19E-04	1.01E+00	5.47E-01	1.33E+02	1.62E-03	1.32E+02	1.31E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MCA416	2.55E-02	3.36E+00	-1.79E-02	3.38E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.23E-03	2.42E-02	3.84E-03	7.85E+00	4.80E-08	1.84E-07	1.58E+01	3.76E-01	5.20E-03	1.69E-01	3.83E-02	6.26E-01	1.35E+02	3.90E+00	3.50E-07	1.70E-07	8.97E-03	2.64E-04	1.12E+00	7.59E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCA420	2.88E-02	3.46E+00	-1.12E-02	3.47E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.34E-03	2.56E-02	3.99E-03	1.03E+01	4.98E-08	2.36E-07	2.12E+01	6.91E-01	5.40E-03	1.73E-01	4.43E-02	6.54E-01	1.35E+02	3.91E+00	3.68E-07	1.89E-07	9.53E-03	2.73E-04	1.27E+00	7.73E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCA425	2.84E-02	3.40E+00	-1.12E-02	3.41E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.19E-03	2.39E-02	3.99E-03	1.03E+01	4.98E-08	2.36E-07	2.12E+01	6.91E-01	5.40E-03	1.73E-01	4.43E-02	6.51E-01	1.34E+02	3.91E+00	3.67E-07	1.86E-07	9.10E-03	2.71E-04	1.27E+00	7.73E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCA432	3.66E-02	3.57E+00	3.84E-03	3.56E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.57E-03	2.74E-02	4.28E-03	1.58E+01	4.77E-08	4.14E-07	3.33E+01	1.13E+00	5.80E-03	1.79E-01	5.72E-02	6.71E-01	1.30E+02	4.13E+00	4.01E-07	2.39E-07	1.07E-02	2.88E-04	1.61E+00	8.03E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
MCA440	4.69E-02	3.43E+00	2.30E-02	3.41E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.56E-03	2.76E-02	4.34E-03	2.38E+01	5.10E-08	5.69E-07	5.06E+01	1.80E+00	5.87E-03	1.72E-01	6.96E-02	7.13E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.12E-04	2.06E+00	8.08E-01	1.14E+02	2.40E-03	1.14E+02	1.17E+02	2.87E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MCA450	4.81E-02	3.50E+00	2.37E-02	3.48E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.70E-03	2.93E-02	4.37E-03	2.43E+01	5.13E-08	5.79E-07	5.18E+01	1.80E+00	5.92E-03	1.71E-01	7.06E-02	6.97E-01	1.11E+02	4.14E+00	4.50E-07	3.05E-07	1.17E-02	3.14E-04	2.09E+00	8.11E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
MCA463	4.91E-02	3.55E+00	2.38E-02	3.52E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.74E-03	2.97E-02	4.40E-03	2.45E+01	5.40E-08	5.84E-07	5.21E+01	1.79E+00	5.96E-03	1.71E-01	7.17E-02	7.70E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.15E-04	2.17E+00	8.14E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
MCA506	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
MCA510	1.33E-02	1.63E+00	-1.55E-02	1.65E+00	1.54E-06	0.00E+00	1.22E+03	7.76E-05	1.03E-03	1.12E-02	1.93E-03	3.51E+00	2.40E-08	8.46E-08	7.05E+00	1.89E-01	2.61E-03	8.44E-02	-1.80E+00	2.96E-01	6.71E+01	1.97E+00	1.71E-07	8.03E-08	4.18E-03	1.30E-04	5.46E-01	4.53E-01	6.91E+01	8.86E-04	6.91E+01	7.01E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
MCA513	1.27E-02	1.72E+00	-5.53E-04	1.74E+00	1.22E-06	0.00E+00	1.18E+03	1.51E-04	1.24E-03	1.31E-02	1.82E-03	4.21E+00	1.78E-08	1.11E-07	8.05E+00	4.07E-01	2.38E-03	8.73E-02	1.61E-02	2.98E-01	6.28E+01	1.47E+00	2.54E-07	8.91E-08	5.33E-03	1.39E-04	6.97E-01	2.50E-01	6.54E+01	9.14E-04	6.50E+01	6.67E+01	8.83E-01	0.00E+00	0.00E+00	0.00E+00	7.04E-01
MCA516	1.27E-02	1.66E+00	-1.48E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.09E-03	1.17E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.16E-01	6.76E+01	1.95E+00	1.75E-07	8.45E-08	4.39E-03	1.33E-04	5.51E-01	4.56E-01	6.95E+01	8.90E-04	6.95E+01	7.05E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
MCA520	2.09E-02	1.87E+00	-1.46E-02	1.88E+00	1.29E-06	0.00E+00	1.32E+03	1.29E-04	1.55E-03	1.66E-02	2.04E-03	3.97E+00	2.35E-08	1.23E-07	7.58E+00	3.67E-01	2.73E-03	8.73E-02	3.02E-02	3.70E-01	6.25E+01	2.10E+00	2.60E-07	1.31E-07	5.77E-03	1.42E-04	8.70E-01	4.82E-01	6.56E+01	9.02E-04	6.53E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCA525	1.42E-02	1.70E+00	-1.15E-02	1.71E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.10E-03	1.20E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.29E-01	6.72E+01	1.96E+00	1.84E-07	9.36E-08	4.56E-03	1.37E-04	6.28E-01	4.63E-01	6.91E+01	9.06E-04	6.91E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
MCA532	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.36E-03	1.45E-04	7.94E-01	4.77E-01	6.72E+01	9.89E-04	6.72E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCA540	2.05E-02	1.88E+00	-2.55E-02	1.91E+00	1.61E-06	0.00E+00	1.29E+03	2.32E-04	1.49E-03	1.67E-02	2.24E-03	7.23E+00	2.66E-08	2.08E-07	1.57E+01	6.04E-01	2.87E-03	9.46E-02	2.63E-02	3.29E-01	6.13E+01	2.27E+00	2.80E-07	1.32E-07	5.29E-03	1.49E-04	1.00E+00	6.32E-01	6.41E+01	3.94E-03	6.39E+01	6.55E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCA550	2.27E-02	1.81E+00	6.64E-04	1.82E+00	1.45E-06	0.00E+00	1.01E+03	2.50E-04	1.29E-03	1.33E-02	2.08E-03	9.40E+00	2.08E-08	2.35E-07	1.90E+01	6.51E-01	2.83E-03	9.01E-02	3.09E-02	3.75E-01	6.14E+01	1.45E+00	3.53E-07	1.46E-07	5.75E-03	1.45E-04	1.01E+00	2.72E-01	6.28E+01	1.06E-03	6.24E+01	6.46E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MCA563	2.62E-02	1.81E+00	1.25E-03	1.82E+00	1.43E-06	0.00E+00	1.01E+03	3.82E-04	1.27E-03	1.31E-02	2.08E-03	1.31E+01	1.99E-08	3.45E-07	2.93E+01	1.08E+00	2.83E-03	9.09E-02	3.59E-02	3.80E-01	6.15E+01	1.45E+00	3.72E-07	1.64E-07	5.75E-03	1.46E-04	1.22E+00	2.70E-01	6.29E+01	1.07E-03	6.26E+01	6.48E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MCA610	2.63E-02	2.52E+00	-2.02E-02	2.52E+00	2.26E-06	0.00E+00	1.81E+03	1.91E-04	2.26E-03	2.35E-02	3.62E-03	9.32E+00	2.87E-08	2.06E-07	1.82E+01	5.22E-01	4.78E-03	1.74E-01	3.76E-02	5.81E-01	1.25E+02	2.44E+00	3.95E-07	1.83E-07	8.61E-03	2.18E-04	9.96E-01	6.91E-01	1.31E+02	1.73E-03	1.31E+02	1.30E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCA613	2.58E-02	2.47E+00	-2.01E-03	2.45E+00	2.17E-06	0.00E+00	1.03E+03	2.24E-04	2.13E-03	2.20E-02	3.56E-03	9.20E+00	2.21E-08	2.21E-07	1.88E+01	5.83E-01	4.76E-03	1.73E-01	3.90E-02	5.82E-01	1.25E+02	2.69E+00	3.96E-07	1.83E-07	8.58E-03	2.18E-04	1.01E+00	5.49E-01	1.30E+02	1.79E-03	1.30E+02	1.29E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCA616	3.10E-02	3.23E+00	-2.74E-02	3.32E+00	2.38E-06	0.00E+00	1.96E+03	2.11E-04	2.59E-03	2.77E-02	3.89E-03	1.10E+01	3.09E-08	2.33E-07	2.03E+01	5.54E-01	5.23E-03	1.69E-01	4.16E-02	5.96E-01	1.26E+02	3.76E+00	4.02E-07	2.05E-07	1.04E-02	2.47E-04	1.12E+00	9.02E-01	1.31E+02	2.00E-03	1.31E+02	1.31E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCA620	3.12E-02	3.47E+00	-2.60E-02	3.50E+00	2.38E-06	0.00E+00	1.97E+03	2.22E-04	2.58E-03	2.78E-02	4.02E-03	1.11E+01	3.13E-08	2.35E-07	2.07E+01	5.92E-01	5.41E-03	1.70E-01	4.26E-02	5.99E-01	1.26E+02	3.77E+00	4.00E-07	2.05E-07	1.04E-02	2.51E-04	1.11E+00	8.68E-01	1.32E+02	2.02E-03	1.32E+02	1.33E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MCA625	3.40E-02	3.52E+00	-1.47E-02	3.54E+00	2.40E-06	0.00E+00	1.93E+03	4.05E-04	2.63E-03	2.84E-02	4.02E-03	1.35E+01	4.02E-08	3.39E-07	2.81E+01	1.12E+00	5.39E-03	1.70E-01	4.70E-02	6.24E-01	1.25E+02	3.84E+00	4.03E-07	2.24E-07	1.06E-02	2.53E-04	1.34E+00	9.28E-01	1.30E+02	2.04E-03	1.30E+02	1.32E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00
MCA632	3.91E-02	2.54E+00	-7.07E-03	2.54E+00	2.44E-06	0.00E+00	1.70E+03	5.09E-04	2.47E-03	2.60E-02	4.16E-03	1.52E+01	2.98E-08	3.98E-07	3.08E+01	1.45E+00	5.60E-03	1.78E-01	5.78E-02	6.46E-01	1.16E+02	2.41E+00	5.09E-07	2.49E-07	1.09E-02	2.93E-04	1.35E+00	7.03E-01	1.23E+02	2.09E-03	1.21E+02	1.22E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
MCA650	3.96E-02	2.49E+00	-4.27E-05	2.47E+00	2.33E-06	0.00E+00	1.03E+03	5.30E-04	2.41E-03	2.45E-02	4.19E-03	1.68E+01	2.47E-08	4.19E-07	3.74E+01	1.56E+00	5.62E-03	1.76E-01	5.83E-02	6.49E-01	1.14E+02	2.67E+00	5.08E-07	2.54E-07	1.11E-02	2.92E-04	1.39E+00	5.78E-01	1.19E+02	2.17E-03	1.19E+02	1.20E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
MCA663	3.96E-02	2.49E+00	5.98E-04	2.47E+00	2.32E-06	0.00E+00	1.03E+03	5.30E-04	2.39E-03	2.43E-02	4.14E-03	1.68E+01	2.35E-08	4.19E-07	3.74E+01	1.56E+00	5.55E-03	1.76E-01	5.83E-02	6.48E-01	1.14E+02	2.67E+00	5.08E-07	2.54E-07	1.11E-02	2.92E-04	1.39E+00	5.60E-01	1.19E+02	2.17E-03	1.19E+02	1.20E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
MCB313	2.82E-02	2.91E+00	-2.52E-02	2.98E+00	2.34E-06	0.00E+00	1.06E+03	2.15E-04	2.09E-03	2.18E-02	3.14E-03	7.61E+00	3.88E-08	2.02E-07	1.47E+01	5.89E-01	4.51E-03	1.29E-01	3.92E-02	5.80E-01	9.03E+01	2.64E+00	5.14E-07	1.95E-07	8.36E-03	2.36E-04	9.01E-01	8.46E-01	9.28E+01	6.82E-03	9.27E+01	9.56E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MCB316	2.82E-02	2.91E+00	-2.52E-02	2.98E+00	2.34E-06	0.00E+00	1.06E+03	2.14E-04	2.09E-03	2.18E-02	3.12E-03	7.62E+00	3.88E-08	2.03E-07	1.47E+01	5.89E-01	4.51E-03	1.30E-01	3.91E-02	5.79E-01	9.04E+01	2.64E+00	5.13E-07	1.95E-07	8.36E-03	2.36E-04	9.04E-01	8.46E-01	9.28E+01	6.82E-03	9.27E+01	9.57E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MCC313	2.81E-02	2.53E+00	-1.84E-02	2.56E+00	2.32E-06	0.00E+00	1.02E+03	2.16E-04	1.96E-03	2.10E-02	3.11E-03	7.39E+00	3.63E-08	2.02E-07	1.45E+01	5.92E-01	4.48E-03	1.27E-01	3.90E-02	5.77E-01	9.03E+01	2.36E+00	5.14E-07	1.93E-07	8.32E-03	2.32E-04	8.36E-01	7.87E-01	9.28E+01	6.76E-03	9.27E+01	9.56E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCC316	2.83E-02	2.92E+00	-2.20E-02	3.00E+00	2.35E-06	0.00E+00	1.05E+03	2.15E-04	2.09E-03	2.19E-02	3.11E-03	8.57E+00	3.90E-08	2.09E-07	1.62E+01	5.91E-01	4.51E-03	1.29E-01	3.98E-02	5.78E-01	9.04E+01	2.64E+00	5.13E-07	1.95E-07	8.39E-03	2.36E-04	9.60E-01	7.91E-01	9.28E+01	6.82E-03	9.27E+01	9.57E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MCN001	9.39E-03	1.02E+00	-7.11E-03	1.08E+00	9.15E-07	0.00E+00	4.37E+02	6.32E-05	6.79E-04	7.50E-03	1.04E-03	3.64E+00	2.64E-08	8.82E-08	6.56E+00	1.75E-01	1.41E-03	5.48E-02	1.57E-02	2.78E-01	3.66E+01	1.21E+00	1.24E-07	6.40E-08	2.86E-03	1.18E-04	4.67E-01	2.24E-01	3.73E+01	2.11E-03	3.73E+01	3.73E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	6.64E-01
MCN002	8.21E-03	8.82E-01	-8.48E-03	8.91E-01	9.19E-07	0.00E+00	3.89E+02	4.00E-05	5.60E-04	5.97E-03	1.06E-03	2.29E+00	8.90E-09	6.66E-08	4.56E+00	1.04E-01	1.43E-03	5.04E-02	1.25E-02	1.71E-01	3.75E+01	7.84E-01	1.43E-07	5.59E-08	2.44E-03	5.81E-05	2.75E-01	2.41E-01	3.83E+01	1.80E-03	3.83E+01	3.88E+01	5.16E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MCN003	8.29E-03	9.96E-01	-1.74E-02	9.75E-01	1.03E-06	0.00E+00	4.10E+02	4.14E-05	7.39E-04	7.78E-03	1.12E-03	2.19E+00	1.31E-08	6.54E-08	4.51E+00	1.06E-01	1.49E-03	5.47E-02	1.21E-02	1.98E-01	3.80E+01	1.02E+00	1.43E-07	5.57E-08	2.53E-03	5.73E-05	2.58E-01	3.90E-01	3.84E+01	2.01E-03	3.86E+01	3.92E+01	5.61E-01	0.00E+00	0.00E+00	0.00E+00	5.12E-01
MCN004	7.99E-03	8.86E-01	-8.63E-03	8.95E-01	9.17E-07	0.00E+00	3.91E+02	3.73E-05	5.62E-04	5.99E-03	1.06E-03	2.07E+00	9.15E-09	6.28E-08	4.06E+00	9.57E-02	1.44E-03	5.00E-02	1.23E-02	1.76E-01	3.76E+01	8.07E-01	1.50E-07	5.46E-08	2.43E-03	5.80E-05	2.65E-01	2.42E-01	3.84E+01	1.80E-03	3.84E+01	3.89E+01	5.07E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-01
MCN006	5.76E-03	8.19E-01	-1.06E-02	8.29E-01	9.10E-07	0.00E+00	6.69E+02	2.52E-05	4.97E-04	5.33E-03	8.88E-04	1.29E+00	7.07E-09	3.16E-08	2.29E+00	5.29E-02	1.20E-03	4.56E-02	8.58E-03	1.19E-01	3.42E+01	9.37E-01	1.28E-07	4.09E-08	1.98E-03	4.91E-05	1.44E-01	2.24E-01	3.51E+01	9.94E-05	3.51E+01	3.55E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-01
MCN008	5.75E-03	8.15E-01	-1.05E-02	8.25E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.96E-04	5.32E-03	8.83E-04	1.29E+00	6.94E-09	3.14E-08	2.31E+00	5.29E-02	1.20E-03	4.52E-02	8.61E-03	1.22E-01	3.42E+01	9.13E-01	1.28E-07	4.08E-08	1.98E-03	4.96E-05	1.59E-01	2.24E-01	3.51E+01	9.95E-05	3.51E+01	3.55E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MCN010	5.75E-03	8.15E-01	-1.05E-02	8.26E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.96E-04	5.33E-03	8.84E-04	1.30E+00	6.94E-09	3.14E-08	2.31E+00	5.29E-02	1.20E-03	4.52E-02	8.61E-03	1.22E-01	3.42E+01	9.13E-01	1.28E-07	4.09E-08	1.98E-03	4.97E-05	1.59E-01	2.24E-01	3.51E+01	9.95E-05	3.51E+01	3.55E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MCN013	6.04E-03	8.21E-01	-1.03E-02	8.32E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	5.02E-04	5.39E-03	8.97E-04	1.47E+00	7.24E-09	3.47E-08	2.69E+00	5.29E-02	1.22E-03	4.52E-02	8.98E-03	1.27E-01	3.43E+01	9.14E-01	1.29E-07	4.28E-08	2.02E-03	5.02E-05	1.65E-01	2.25E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.90E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MCN016	5.98E-03	8.20E-01	-1.03E-02	8.30E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	5.00E-04	5.38E-03	8.95E-04	1.46E+00	6.98E-09	3.44E-08	2.68E+00	5.29E-02	1.21E-03	4.52E-02	8.88E-03	1.23E-01	3.43E+01	9.14E-01	1.29E-07	4.23E-08	2.01E-03	5.02E-05	1.64E-01	2.25E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.89E-01	0.00E+00	0.00E+00	0.00E+00	3.81E-01
MCN020	6.25E-03	8.26E-01	-1.01E-02	8.36E-01	9.10E-07	0.00E+00	6.58E+02	2.50E-05	5.06E-04	5.45E-03	9.08E-04	1.62E+00	7.28E-09	3.74E-08	3.02E+00	5.29E-02	1.23E-03	4.52E-02	9.22E-03	1.27E-01	3.44E+01	9.16E-01	1.30E-07	4.41E-08	2.04E-03	5.06E-05	1.69E-01	2.26E-01	3.53E+01	1.03E-04	3.53E+01	3.57E+01	3.95E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MCN025	6.87E-03	8.40E-01	-9.55E-03	8.49E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.23E-04	5.64E-03	9.34E-04	2.01E+00	7.65E-09	4.47E-08	3.89E+00	5.29E-02	1.27E-03	4.54E-02	9.95E-03	1.33E-01	3.47E+01	9.16E-01	1.33E-07	4.80E-08	2.14E-03	5.17E-05	1.84E-01	2.29E-01	3.56E+01	1.07E-04	3.56E+01	3.60E+01	4.13E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MCN032	9.60E-03	8.36E-01	-3.78E-03	8.39E-01	9.93E-07	0.00E+00	3.63E+02	1.45E-04	5.83E-04	6.32E-03	1.04E-03	3.69E+00	1.60E-07	9.51E-08	7.49E+00	3.78E-01	1.41E-03	4.90E-02	1.36E-02	1.71E-01	3.09E+01	7.22E-01	1.51E-07	6.48E-08	2.55E-03	6.09E-05	3.73E-01	2.40E-01	3.16E+01	1.85E-03	3.16E+01	3.22E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN040	9.60E-03	8.36E-01	-3.78E-03	8.39E-01	9.93E-07	0.00E+00	3.63E+02	1.45E-04	5.83E-04	6.32E-03	1.04E-03	3.69E+00	1.60E-07	9.51E-08	7.49E+00	3.78E-01	1.41E-03	4.90E-02	1.36E-02	1.71E-01	3.09E+01	7.22E-01	1.51E-07	6.49E-08	2.55E-03	6.09E-05	3.73E-01	2.40E-01	3.16E+01	1.85E-03	3.16E+01	3.22E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN099	9.23E-03	1.02E+00	-7.32E-03	1.08E+00	9.04E-07	0.00E+00	4.37E+02	5.83E-05	6.81E-04	7.49E-03	1.02E-03	3.55E+00	2.65E-08	8.85E-08	6.44E+00	1.46E-01	1.37E-03	5.47E-02	1.54E-02	2.75E-01	3.65E+01	1.20E+00	1.23E-07	6.40E-08	2.86E-03	1.11E-04	4.63E-01	2.24E-01	3.73E+01	2.06E-03	3.73E+01	3.72E+01	6.90E-01	0.00E+00	0.00E+00	0.00E+00	6.43E-01
MCN100	7.69E-03	8.65E-01	-8.74E-03	8.74E-01	9.18E-07	0.00E+00	4.15E+02	3.83E-05	5.50E-04	5.81E-03	1.05E-03	1.92E+00	1.04E-08	6.38E-08	4.16E+00	9.78E-02	1.43E-03	4.89E-02	1.15E-02	1.53E-01	3.65E+01	8.39E-01	1.37E-07	4.80E-08	2.36E-03	5.53E-05	2.08E-01	2.41E-01	3.73E+01	1.92E-03	3.73E+01	3.77E+01	4.49E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-01
MCN100E	8.10E-03	8.69E-01	-7.29E-03	8.77E-01	9.03E-07	0.00E+00	4.04E+02	4.05E-05	5.58E-04	5.89E-03	1.05E-03	2.07E+00	1.10E-08	6.61E-08	4.55E+00	1.17E-01	1.42E-03	4.92E-02	1.20E-02	1.61E-01	3.67E+01	8.36E-01	1.43E-07	5.11E-08	2.40E-03	5.59E-05	2.62E-01	2.22E-01	3.76E+01	1.92E-03	3.76E+01	3.81E+01	4.68E-01	0.00E+00	0.00E+00	0.00E+00	5.07E-01
MCN101	7.92E-03	8.71E-01	-8.28E-03	8.80E-01	9.19E-07	0.00E+00	4.09E+02	4.04E-05	5.57E-04	5.90E-03	1.08E-03	2.08E+00	1.03E-08	6.66E-08	4.53E+00	1.04E-01	1.46E-03	4.93E-02	1.17E-02	1.52E-01	3.65E+01	8.44E-01	1.45E-07	4.92E-08	2.40E-03	5.46E-05	2.16E-01	2.43E-01	3.73E+01	1.92E-03	3.73E+01	3.78E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MCN101E	7.91E-03	8.71E-01	-6.84E-03	8.78E-01	9.19E-07	0.00E+00	4.09E+02	4.04E-05	5.55E-04	5.87E-03	1.07E-03	2.08E+00	1.01E-08	6.66E-08	4.53E+00	1.04E-01	1.45E-03	4.93E-02	1.17E-02	1.51E-01	3.65E+01	8.44E-01	1.45E-07	4.92E-08	2.39E-03	5.43E-05	2.20E-01	2.24E-01	3.73E+01	1.92E-03	3.73E+01	3.78E+01	4.44E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MCN101P	9.76E-03	1.21E+00	-7.85E-03	1.22E+00	6.76E-07	0.00E+00	7.02E+02	5.49E-05	9.36E-04	1.01E-02	1.10E-03	2.24E+00	1.73E-08	7.17E-08	4.72E+00	1.32E-01	1.48E-03	4.70E-02	1.25E-02	2.25E-01	3.62E+01	1.27E+00	1.58E-07	6.28E-08	3.85E-03	6.85E-05	3.73E-01	2.66E-01	3.70E+01	1.69E-04	3.70E+01	3.72E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
MCN102	8.12E-03	8.68E-01	-8.55E-03	8.77E-01	9.19E-07	0.00E+00	4.09E+02	4.02E-05	5.55E-04	5.89E-03	1.06E-03	2.09E+00	9.02E-09	6.73E-08	4.54E+00	1.04E-01	1.44E-03	4.93E-02	1.23E-02	1.64E-01	3.68E+01	8.22E-01	1.38E-07	5.10E-08	2.40E-03	5.43E-05	2.56E-01	2.42E-01	3.76E+01	1.92E-03	3.76E+01	3.81E+01	4.98E-01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
MCN102E	8.11E-03	8.68E-01	-7.10E-03	8.75E-01	9.19E-07	0.00E+00	4.09E+02	4.02E-05	5.52E-04	5.87E-03	1.05E-03	2.09E+00	8.84E-09	6.73E-08	4.54E+00	1.04E-01	1.43E-03	4.92E-02	1.23E-02	1.64E-01	3.68E+01	8.22E-01	1.38E-07	5.09E-08	2.40E-03	5.39E-05	2.60E-01	2.23E-01	3.76E+01	1.92E-03	3.76E+01	3.81E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
MCN102P	9.81E-03	1.21E+00	-7.93E-03	1.22E+00	6.76E-07	0.00E+00	6.53E+02	5.40E-05	9.36E-04	1.01E-02	1.09E-03	2.22E+00	1.68E-08	7.47E-08	4.70E+00	1.30E-01	1.48E-03	4.70E-02	1.25E-02	2.19E-01	3.65E+01	1.27E+00	1.57E-07	6.34E-08	3.85E-03	6.39E-05	3.69E-01	2.65E-01	3.71E+01	1.61E-04	3.71E+01	3.75E+01	6.99E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MCN103	7.88E-03	8.70E-01	-8.70E-03	8.78E-01	9.17E-07	0.00E+00	4.08E+02	3.75E-05	5.56E-04	5.90E-03	1.07E-03	1.87E+00	9.23E-09	6.34E-08	4.04E+00	9.56E-02	1.44E-03	4.88E-02	1.16E-02	1.68E-01	3.68E+01	8.44E-01	1.44E-07	4.95E-08	2.39E-03	5.40E-05	2.47E-01	2.42E-01	3.77E+01	1.92E-03	3.77E+01	3.82E+01	4.89E-01	0.00E+00	0.00E+00	0.00E+00	4.99E-01
MCN103E	8.11E-03	8.69E-01	-7.47E-03	8.76E-01	9.21E-07	0.00E+00	4.05E+02	4.01E-05	5.55E-04	5.89E-03	1.06E-03	2.09E+00	1.09E-08	6.57E-08	4.48E+00	1.04E-01	1.43E-03	4.88E-02	1.21E-02	1.63E-01	3.70E+01	8.23E-01	1.43E-07	5.05E-08	2.40E-03	5.52E-05	2.56E-01	2.23E-01	3.78E+01	1.92E-03	3.78E+01	3.83E+01	4.81E-01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
MCN103P	9.71E-03	1.15E+00	-7.77E-03	1.17E+00	6.72E-07	0.00E+00	6.66E+02	5.30E-05	7.72E-04	8.55E-03	1.07E-03	2.24E+00	1.74E-08	7.48E-08	4.73E+00	1.55E-01	1.45E-03	4.52E-02	1.21E-02	2.23E-01	3.68E+01	1.27E+00	1.58E-07	6.25E-08	3.89E-03	6.81E-05	3.85E-01	2.23E-01	3.77E+01	2.03E-04	3.76E+01	3.79E+01	6.41E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MCN104	7.90E-03	8.72E-01	-8.69E-03	8.80E-01	9.17E-07	0.00E+00	4.10E+02	3.75E-05	5.57E-04	5.91E-03	1.07E-03	1.87E+00	9.27E-09	6.35E-08	4.04E+00	9.56E-02	1.45E-03	4.88E-02	1.21E-02	1.69E-01	3.69E+01	8.46E-01	1.44E-07	4.96E-08	2.40E-03	5.42E-05	2.46E-01	2.42E-01	3.77E+01	1.92E-03	3.77E+01	3.82E+01	4.89E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN104E	7.89E-03	8.72E-01	-7.25E-03	8.79E-01	9.17E-07	0.00E+00	4.10E+02	3.75E-05	5.55E-04	5.89E-03	1.06E-03	1.87E+00	9.09E-09	6.35E-08	4.04E+00	9.56E-02	1.43E-03	4.88E-02	1.21E-02	1.68E-01	3.68E+01	8.46E-01	1.44E-07	4.96E-08	2.39E-03	5.38E-05	2.51E-01	2.24E-01	3.77E+01	1.92E-03	3.77E+01	3.82E+01	4.74E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN104P	9.77E-03	1.21E+00	-8.00E-03	1.22E+00	6.72E-07	0.00E+00	6.51E+02	5.29E-05	9.30E-04	1.01E-02	1.09E-03	2.24E+00	1.68E-08	7.44E-08	4.67E+00	1.32E-01	1.47E-03	4.70E-02	1.25E-02	2.26E-01	3.67E+01	1.27E+00	1.57E-07	6.31E-08	3.85E-03	6.86E-05	3.71E-01	2.65E-01	3.75E+01	1.51E-04	3.75E+01	3.79E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MCN106	5.63E-03	7.94E-01	-1.06E-02	8.05E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.83E-04	5.18E-03	8.73E-04	1.09E+00	7.08E-09	3.11E-08	2.29E+00	5.28E-02	1.18E-03	4.44E-02	8.31E-03	1.11E-01	3.34E+01	9.42E-01	1.21E-07	3.59E-08	1.92E-03	4.49E-05	1.38E-01	2.23E-01	3.44E+01	9.66E-05	3.44E+01	3.47E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MCN106A	5.74E-03	9.07E-01	-2.01E-02	9.05E-01	1.06E-06	0.00E+00	1.33E+03	2.54E-05	7.70E-04	7.95E-03	9.58E-04	1.12E+00	1.57E-08	3.18E-08	2.30E+00	5.31E-02	1.23E-03	5.28E-02	8.58E-03	1.14E-01	3.64E+01	1.28E+00	1.23E-07	3.64E-08	2.02E-03	4.48E-05	1.43E-01	4.07E-01	3.73E+01	1.01E-04	3.75E+01	3.82E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-01
MCN106E	5.63E-03	7.94E-01	-9.16E-03	8.03E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.80E-04	5.15E-03	8.64E-04	1.09E+00	6.90E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.42E-01	1.21E-07	3.58E-08	1.91E-03	4.46E-05	1.42E-01	2.04E-01	3.43E+01	9.66E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MCN106P	8.53E-03	1.17E+00	-3.33E-02	1.18E+00	1.03E-06	0.00E+00	1.22E+03	4.75E-05	1.01E-03	1.10E-02	1.01E-03	1.87E+00	5.73E-08	6.30E-08	4.12E+00	1.15E-01	1.40E-03	5.09E-02	1.14E-02	2.12E-01	3.76E+01	1.53E+00	1.61E-07	5.62E-08	3.68E-03	6.23E-05	4.32E-01	6.03E-01	3.88E+01	1.50E-04	3.89E+01	3.92E+01	6.89E-01	0.00E+00	0.00E+00	0.00E+00	4.86E-01
MCN110	4.21E-03	6.30E-01	-9.91E-03	6.40E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.98E-04	4.27E-03	7.73E-04	1.07E+00	6.19E-09	2.80E-08	2.15E+00	5.12E-02	1.05E-03	3.35E-02	6.72E-03	5.81E-02	2.40E+01	8.44E-01	7.88E-08	2.73E-08	1.55E-03	1.93E-05	1.07E-01	1.94E-01	2.49E+01	5.71E-05	2.49E+01	2.52E+01	3.01E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-01
MCN110A	4.60E-03	7.22E-01	-9.44E-03	7.31E-01	9.09E-07	0.00E+00	5.85E+02	2.43E-05	4.32E-04	4.63E-03	8.00E-04	1.08E+00	1.02E-08	2.90E-08	2.18E+00	5.12E-02	1.08E-03	3.92E-02	7.11E-03	1.18E-01	2.80E+01	8.18E-01	8.52E-08	2.92E-08	1.71E-03	2.80E-05	1.12E-01	1.97E-01	2.91E+01	7.08E-05	2.91E+01	2.94E+01	3.16E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN110E	4.21E-03	6.30E-01	-9.91E-03	6.40E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.98E-04	4.26E-03	7.73E-04	1.07E+00	6.19E-09	2.80E-08	2.15E+00	5.12E-02	1.05E-03	3.35E-02	6.72E-03	5.81E-02	2.40E+01	8.44E-01	7.88E-08	2.73E-08	1.55E-03	1.93E-05	1.07E-01	1.94E-01	2.49E+01	5.71E-05	2.49E+01	2.52E+01	3.01E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-01
MCN110P	6.52E-03	8.27E-01	-3.43E-02	8.34E-01	9.56E-07	0.00E+00	1.34E+03	3.09E-05	7.69E-04	8.32E-03	8.28E-04	1.20E+00	2.39E-08	3.42E-08	2.36E+00	7.65E-02	1.14E-03	4.75E-02	5.97E-03	1.28E-01	3.67E+01	1.35E+00	1.20E-07	4.04E-08	2.28E-03	6.07E-05	3.23E-01	6.38E-01	3.80E+01	1.08E-04	3.80E+01	3.90E+01	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
MCN113	4.29E-03	6.33E-01	-9.83E-03	6.42E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	4.00E-04	4.29E-03	7.77E-04	1.13E+00	6.22E-09	2.90E-08	2.27E+00	5.12E-02	1.05E-03	3.35E-02	6.82E-03	5.87E-02	2.41E+01	8.44E-01	7.93E-08	2.79E-08	1.56E-03	1.96E-05	1.09E-01	1.95E-01	2.49E+01	5.77E-05	2.49E+01	2.52E+01	3.03E-01	0.00E+00	0.00E+00	0.00E+00	2.93E-01
MCN113E	5.90E-03	8.02E-01	-8.83E-03	8.12E-01	9.16E-07	0.00E+00	6.60E+02	2.50E-05	4.92E-04	5.27E-03	8.74E-04	1.30E+00	1.02E-08	3.51E-08	2.61E+00	5.28E-02	1.18E-03	4.42E-02	8.84E-03	1.20E-01	3.36E+01	9.20E-01	1.24E-07	3.81E-08	1.96E-03	4.55E-05	1.57E-01	2.05E-01	3.47E+01	9.91E-05	3.47E+01	3.51E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
MCN116	4.16E-03	6.30E-01	-9.90E-03	6.40E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.98E-04	4.26E-03	7.73E-04	1.07E+00	6.11E-09	2.79E-08	2.15E+00	5.12E-02	1.05E-03	3.35E-02	6.68E-03	5.68E-02	2.40E+01	8.44E-01	7.88E-08	2.70E-08	1.54E-03	1.93E-05	1.07E-01	1.94E-01	2.48E+01	5.71E-05	2.48E+01	2.51E+01	3.01E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN116A	4.41E-03	6.82E-01	-9.42E-03	6.94E-01	9.03E-07	0.00E+00	5.77E+02	2.40E-05	4.32E-04	4.63E-03	7.99E-04	1.07E+00	1.02E-08	2.88E-08	2.18E+00	5.13E-02	1.08E-03	3.75E-02	7.15E-03	9.33E-02	2.70E+01	8.18E-01	8.10E-08	2.79E-08	1.72E-03	2.40E-05	1.12E-01	1.97E-01	2.79E+01	6.17E-05	2.79E+01	2.81E+01	3.18E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN116E	4.16E-03	6.30E-01	-9.90E-03	6.40E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.98E-04	4.26E-03	7.73E-04	1.07E+00	6.11E-09	2.79E-08	2.15E+00	5.12E-02	1.05E-03	3.35E-02	6.68E-03	5.68E-02	2.40E+01	8.44E-01	7.88E-08	2.70E-08	1.54E-03	1.93E-05	1.07E-01	1.94E-01	2.48E+01	5.71E-05	2.48E+01	2.51E+01	3.01E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN116P	6.54E-03	8.18E-01	-1.11E-02	8.10E-01	7.02E-07	0.00E+00	7.21E+02	3.10E-05	7.01E-04	7.57E-03	7.87E-04	1.20E+00	1.43E-08	3.45E-08	2.38E+00	7.61E-02	1.11E-03	4.78E-02	6.95E-03	1.30E-01	3.68E+01	1.15E+00	1.22E-07	4.04E-08	2.29E-03	6.08E-05	2.12E-01	3.06E-01	3.80E+01	1.10E-04	3.82E+01	3.88E+01	4.38E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-01
MCN120	6.12E-03	8.01E-01	-1.01E-02	8.11E-01	9.10E-07	0.00E+00	6.62E+02	2.49E-05	4.92E-04	5.29E-03	8.93E-04	1.42E+00	7.29E-09	3.70E-08	3.00E+00	5.28E-02	1.21E-03	4.41E-02	8.94E-03	1.19E-01	3.35E+01	9.20E-01	1.24E-07	3.89E-08	1.98E-03	4.64E-05	1.52E-01	2.25E-01	3.44E+01	1.00E-04	3.44E+01	3.48E+01	3.77E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MCN120A	6.40E-03	8.23E-01	-8.87E-03	8.30E-01	9.20E-07	0.00E+00	6.61E+02	2.98E-05	5.05E-04	5.44E-03	9.14E-04	1.48E+00	1.24E-08	3.76E-08	2.99E+00	6.47E-02	1.23E-03	4.63E-02	9.32E-03	1.21E-01	3.51E+01	9.25E-01	1.25E-07	4.08E-08	2.04E-03	4.62E-05	1.54E-01	2.12E-01	3.57E+01	1.01E-04	3.57E+01	3.64E+01	3.74E-01	0.00E+00	0.00E+00	0.00E+00	4.00E-01
MCN120E	6.12E-03	8.04E-01	-8.36E-03	8.12E-01	9.10E-07	0.00E+00	6.63E+02	2.51E-05	4.90E-04	5.27E-03	8.89E-04	1.42E+00	7.10E-09	3.69E-08	2.99E+00	5.29E-02	1.20E-03	4.40E-02	8.96E-03	1.18E-01	3.35E+01	9.29E-01	1.24E-07	3.88E-08	1.98E-03	4.60E-05	1.54E-01	2.06E-01	3.44E+01	1.00E-04	3.44E+01	3.48E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01
MCN120P	6.49E-03	8.13E-01	-1.04E-02	8.02E-01	6.02E-07	0.00E+00	7.20E+02	3.14E-05	5.50E-04	6.30E-03	8.28E-04	1.20E+00	3.81E-08	3.43E-08	2.37E+00	9.61E-02	1.17E-03	4.29E-02	6.97E-03	1.30E-01	3.69E+01	1.03E+00	1.13E-07	4.03E-08	2.22E-03	6.03E-05	2.23E-01	2.03E-01	3.82E+01	1.09E-04	3.82E+01	3.89E+01	4.64E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-01
MCN125	6.74E-03	8.15E-01	-9.56E-03	8.24E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.08E-04	5.47E-03	9.19E-04	1.81E+00	7.65E-09	4.42E-08	3.88E+00	5.28E-02	1.24E-03	4.42E-02	9.67E-03	1.25E-01	3.38E+01	9.20E-01	1.26E-07	4.28E-08	2.07E-03	4.75E-05	1.67E-01	2.27E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.94E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN125A	7.18E-03	8.45E-01	-8.57E-03	8.49E-01	8.99E-07	0.00E+00	6.61E+02	3.11E-05	5.28E-04	5.66E-03	9.48E-04	1.80E+00	1.03E-08	5.33E-08	3.99E+00	6.51E-02	1.28E-03	4.65E-02	1.03E-02	1.26E-01	3.63E+01	9.24E-01	1.26E-07	4.71E-08	2.21E-03	4.82E-05	1.68E-01	2.15E-01	3.66E+01	1.38E-04	3.66E+01	3.72E+01	4.06E-01	0.00E+00	0.00E+00	0.00E+00	4.51E-01
MCN125E	6.73E-03	8.15E-01	-8.12E-03	8.23E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.06E-04	5.45E-03	9.11E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.07E-03	4.72E-05	1.71E-01	2.09E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.80E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01

MCN125P	9.88E-03	1.16E+00	-8.31E-03	1.18E+00	6.82E-07	0.00E+00	6.70E+02	5.74E-05	7.55E-04	8.36E-03	1.04E-03	2.20E+00	1.82E-07	6.55E-08	4.63E+00	1.73E-01	1.45E-03	4.51E-02	1.30E-02	2.16E-01	3.63E+01	1.27E+00	1.78E-07	6.10E-08	3.72E-03	6.62E-05	3.95E-01	2.42E-01	3.73E+01	1.62E-04	3.72E+01	3.75E+01	6.80E-01	0.00E+00	0.00E+00	0.00E+00	5.64E-01
MCN132	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN132A	9.67E-03	9.63E-01	-3.89E-03	9.30E-01	9.87E-07	0.00E+00	3.68E+02	1.51E-04	7.78E-04	8.11E-03	1.06E-03	3.22E+00	1.60E-07	9.47E-08	6.95E+00	3.98E-01	1.43E-03	5.23E-02	1.38E-02	2.00E-01	3.22E+01	7.36E-01	1.46E-07	6.10E-08	2.67E-03	5.61E-05	3.64E-01	2.61E-01	3.29E+01	2.08E-03	3.29E+01	3.35E+01	6.02E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MCN132E	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN132P	1.20E-02	1.17E+00	-1.39E-03	1.20E+00	7.07E-07	0.00E+00	6.73E+02	1.25E-04	7.50E-04	8.42E-03	1.04E-03	3.94E+00	1.86E-07	1.08E-07	7.24E+00	3.41E-01	1.45E-03	4.45E-02	2.37E-02	2.19E-01	3.58E+01	1.28E+00	1.88E-07	7.34E-08	3.74E-03	7.10E-05	5.15E-01	2.42E-01	3.69E+01	1.79E-04	3.68E+01	3.71E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MCN140	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN140A	9.71E-03	9.70E-01	-4.11E-03	9.33E-01	1.07E-06	0.00E+00	3.68E+02	1.49E-04	7.83E-04	8.19E-03	1.07E-03	3.27E+00	1.75E-07	9.57E-08	6.93E+00	3.95E-01	1.45E-03	5.64E-02	1.40E-02	2.01E-01	3.20E+01	9.07E-01	1.46E-07	6.17E-08	2.67E-03	5.54E-05	3.62E-01	3.15E-01	3.29E+01	2.17E-03	3.31E+01	3.39E+01	6.00E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-01
MCN140E	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN140P	1.20E-02	1.17E+00	-1.34E-03	1.20E+00	7.08E-07	0.00E+00	6.73E+02	1.25E-04	7.50E-04	8.44E-03	1.04E-03	3.94E+00	1.88E-07	1.08E-07	7.24E+00	3.40E-01	1.45E-03	4.49E-02	2.37E-02	2.20E-01	3.56E+01	1.28E+00	1.88E-07	7.34E-08	3.74E-03	7.12E-05	5.31E-01	2.42E-01	3.69E+01	1.89E-04	3.69E+01	3.71E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MCN150	1.25E-02	8.69E-01	1.99E-03	8.67E-01	9.79E-07	0.00E+00	3.77E+02	1.54E-04	6.37E-04	6.98E-03	1.11E-03	6.09E+00	7.51E-09	1.38E-07	1.26E+01	4.50E-01	1.50E-03	4.83E-02	1.73E-02	1.93E-01	2.96E+01	7.57E-01	1.88E-07	8.15E-08	2.91E-03	7.45E-05	5.02E-01	2.46E-01	3.03E+01	2.16E-03	3.03E+01	3.11E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-01
MCN150A	1.29E-02	1.05E+00	4.85E-03	1.04E+00	9.98E-07	0.00E+00	4.74E+02	1.62E-04	7.77E-04	8.32E-03	1.14E-03	5.57E+00	9.75E-09	1.30E-07	1.15E+01	5.00E-01	1.56E-03	5.32E-02	1.80E-02	2.08E-01	3.39E+01	7.97E-01	1.91E-07	8.33E-08	3.30E-03	7.60E-05	5.26E-01	2.68E-01	3.52E+01	2.03E-03	3.52E+01	3.60E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	7.79E-01
MCN150E	1.28E-02	1.00E+00	4.46E-03	9.74E-01	9.75E-07	0.00E+00	3.75E+02	1.43E-04	8.08E-04	8.67E-03	1.10E-03	5.13E+00	1.35E-08	1.25E-07	1.04E+01	4.39E-01	1.49E-03	4.86E-02	1.75E-02	2.07E-01	3.08E+01	7.51E-01	1.89E-07	8.40E-08	2.97E-03	7.40E-05	4.91E-01	2.39E-01	3.16E+01	2.26E-03	3.16E+01	3.22E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01
MCN150P	1.25E-02	1.02E+00	1.54E-03	1.03E+00	8.55E-07	0.00E+00	5.85E+02	1.37E-04	7.68E-04	8.95E-03	1.07E-03	5.24E+00	1.78E-08	1.14E-07	9.15E+00	3.99E-01	1.50E-03	4.53E-02	1.66E-02	1.86E-01	3.01E+01	1.04E+00	1.30E-07	8.18E-08	4.20E-03	7.03E-05	5.07E-01	2.23E-01	3.15E+01	3.73E-04	3.17E+01	3.31E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	7.13E-01
MCN163	1.27E-02	8.75E-01	2.08E-03	8.73E-01	9.79E-07	0.00E+00	3.77E+02	1.54E-04	6.41E-04	7.03E-03	1.11E-03	6.16E+00	7.91E-09	1.39E-07	1.27E+01	4.50E-01	1.51E-03	4.85E-02	1.75E-02	2.06E-01	2.98E+01	7.57E-01	1.88E-07	8.43E-08	2.93E-03	7.48E-05	5.18E-01	2.47E-01	3.05E+01	2.16E-03	3.05E+01	3.13E+01	7.65E-01	0.00E+00	0.00E+00	0.00E+00	7.53E-01
MCN163A	1.28E-02	1.02E+00	6.04E-03	9.87E-01	1.08E-06	0.00E+00	3.81E+02	1.90E-04	8.25E-04	8.83E-03	1.11E-03	7.29E+00	1.37E-08	1.51E-07	1.58E+01	5.95E-01	1.50E-03	5.50E-02	1.83E-02	2.14E-01	3.22E+01	9.03E-01	1.88E-07	8.42E-08	3.02E-03	7.68E-05	5.22E-01	3.61E-01	3.34E+01	2.42E-03	3.33E+01	3.41E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MCN163E	1.27E-02	8.75E-01	3.52E-03	8.71E-01	9.79E-07	0.00E+00	3.77E+02	1.54E-04	6.38E-04	7.00E-03	1.10E-03	6.16E+00	7.73E-09	1.39E-07	1.27E+01	4.50E-01	1.49E-03	4.85E-02	1.75E-02	2.05E-01	2.98E+01	7.57E-01	1.88E-07	8.42E-08	2.93E-03	7.44E-05	5.23E-01	2.28E-01	3.05E+01	2.16E-03	3.05E+01	3.13E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	7.53E-01
MCN163P	1.27E-02	1.02E+00	1.58E-03	1.03E+00	8.63E-07	0.00E+00	5.91E+02	1.85E-04	7.68E-04	8.97E-03	1.07E-03	6.44E+00	1.80E-08	1.51E-07	1.36E+01	5.17E-01	1.50E-03	4.53E-02	1.78E-02	1.89E-01	3.02E+01	1.05E+00	1.30E-07	8.31E-08	4.21E-03	6.98E-05	5.92E-01	2.23E-01	3.16E+01	4.57E-04	3.18E+01	3.31E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MCN200	1.70E-02	1.84E+00	-1.70E-02	1.85E+00	1.58E-06	0.00E+00	1.00E+03	5.93E-05	1.23E-03	1.26E-02	2.07E-03	2.22E+00	1.50E-08	8.31E-08	5.12E+00	1.98E-01	2.84E-03	9.60E-02	2.45E-02	3.39E-01	6.66E+01	1.79E+00	2.96E-07	1.10E-07	5.10E-03	1.30E-04	4.84E-01	4.53E-01	6.89E+01	3.84E-03	6.89E+01	7.07E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MCN200E	1.69E-02	1.68E+00	-8.53E-03	1.70E+00	1.52E-06	0.00E+00	8.34E+02	6.02E-05	1.21E-03	1.21E-02	2.01E-03	2.21E+00	1.29E-08	8.32E-08	5.13E+00	2.00E-01	2.79E-03	9.60E-02	2.42E-02	3.28E-01	6.66E+01	1.53E+00	2.86E-07	1.10E-07	5.04E-03	1.29E-04	4.79E-01	2.52E-01	6.89E+01	3.52E-03	6.85E+01	6.98E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MCN201	1.69E-02	1.85E+00	-1.82E-02	1.86E+00	1.62E-06	0.00E+00	1.10E+03	6.11E-05	1.41E-03	1.51E-02	2.09E-03	2.26E+00	1.78E-08	8.35E-08	5.13E+00	2.00E-01	2.86E-03	9.62E-02	2.45E-02	3.42E-01	6.72E+01	2.07E+00	2.98E-07	1.10E-07	5.11E-03	1.31E-04	4.82E-01	4.59E-01	6.96E+01	3.91E-03	6.96E+01	7.14E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN201E	1.68E-02	1.69E+00	-9.26E-03	1.70E+00	1.57E-06	0.00E+00	8.26E+02	6.15E-05	1.17E-03	1.22E-02	2.03E-03	2.26E+00	1.48E-08	8.36E-08	5.13E+00	2.00E-01	2.82E-03	9.64E-02	2.43E-02	3.32E-01	6.73E+01	1.52E+00	2.84E-07	1.09E-07	5.01E-03	1.29E-04	4.72E-01	2.83E-01	6.96E+01	3.66E-03	6.92E+01	7.03E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MCN201P	2.13E-02	2.26E+00	-2.14E-02	2.28E+00	9.40E-07	0.00E+00	1.45E+03	6.36E-05	1.85E-03	1.95E-02	2.05E-03	2.35E+00	2.26E-08	8.95E-08	4.95E+00	1.61E-01	2.92E-03	8.67E-02	2.97E-02	4.28E-01	6.89E+01	2.19E+00	3.00E-07	1.35E-07	7.30E-03	1.41E-04	6.56E-01	4.88E-01	7.09E+01	2.27E-04	7.09E+01	7.22E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCN202	1.69E-02	1.87E+00	-1.99E-02	1.89E+00	1.67E-06	0.00E+00	1.11E+03	6.11E-05	1.40E-03	1.51E-02	2.08E-03	2.27E+00	1.92E-08	8.42E-08	5.13E+00	2.04E-01	2.87E-03	9.63E-02	2.47E-02	3.42E-01	6.65E+01	2.05E+00	3.01E-07	1.10E-07	5.12E-03	1.31E-04	4.89E-01	4.91E-01	6.92E+01	3.90E-03	6.92E+01	7.14E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN202E	1.68E-02	1.69E+00	-9.07E-03	1.69E+00	1.57E-06	0.00E+00	8.25E+02	6.20E-05	1.16E-03	1.22E-02	2.03E-03	2.25E+00	1.47E-08	8.39E-08	5.09E+00	2.04E-01	2.82E-03	9.64E-02	2.42E-02	3.31E-01	6.64E+01	1.52E+00	2.84E-07	1.09E-07	5.02E-03	1.29E-04	4.76E-01	2.68E-01	6.91E+01	3.54E-03	6.86E+01	7.02E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MCN202P	2.12E-02	2.24E+00	-2.25E-02	2.27E+00	9.85E-07	0.00E+00	1.45E+03	6.30E-05	1.84E-03	1.96E-02	2.06E-03	2.33E+00	2.26E-08	9.21E-08	4.93E+00	1.59E-01	2.93E-03	8.70E-02	2.96E-02	4.26E-01	6.93E+01	2.19E+00	3.03E-07	1.34E-07	7.29E-03	1.41E-04	6.56E-01	4.99E-01	7.08E+01	2.15E-04	7.08E+01	7.21E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCN203	1.71E-02	1.87E+00	-2.72E-02	1.89E+00	1.67E-06	0.00E+00	1.18E+03	1.18E-04	1.44E-03	1.54E-02	2.03E-03	3.92E+00	2.25E-08	1.25E-07	7.73E+00	3.26E-01	2.84E-03	9.81E-02	2.48E-02	3.43E-01	6.66E+01	2.12E+00	2.98E-07	1.10E-07	5.12E-03	1.31E-04	7.72E-01	5.72E-01	6.93E+01	3.92E-03	6.93E+01	7.15E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MCN203E	1.69E-02	1.69E+00	-6.52E-03	1.69E+00	1.57E-06	0.00E+00	8.24E+02	1.33E-04	1.16E-03	1.22E-02	2.03E-03	3.91E+00	1.57E-08	1.18E-07	8.03E+00	3.56E-01	2.82E-03	9.64E-02	2.45E-02	3.31E-01	6.65E+01	1.51E+00	2.83E-07	1.10E-07	5.02E-03	1.29E-04	5.94E-01	2.67E-01	6.91E+01	3.67E-03	6.86E+01	7.02E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN203P	2.13E-02	2.26E+00	-2.11E-02	2.27E+00	9.32E-07	0.00E+00	1.47E+03	1.05E-04	1.84E-03	1.95E-02	2.04E-03	3.40E+00	2.39E-08	1.19E-07	6.44E+00	2.56E-01	2.86E-03	8.67E-02	2.98E-02	4.28E-01	6.94E+01	2.19E+00	3.01E-07	1.35E-07	7.32E-03	1.41E-04	7.93E-01	4.85E-01	7.10E+01	2.25E-04	7.10E+01	7.26E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MCN204	1.67E-02	1.86E+00	-3.01E-02	1.89E+00	1.67E-06	0.00E+00	1.18E+03	8.06E-05	1.44E-03	1.54E-02	2.03E-03	3.67E+00	2.15E-08	1.21E-07	7.49E+00	2.28E-01	2.84E-03	9.81E-02	2.47E-02	3.42E-01	6.79E+01	2.12E+00	2.99E-07	1.08E-07	5.03E-03	1.27E-04	7.63E-01	6.48E-01	7.00E+01	3.89E-03	7.00E+01	7.15E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MCN204E	1.58E-02	1.72E+00	-1.44E-02	1.74E+00	1.54E-06	0.00E+00	7.50E+02	7.40E-05	1.10E-03	1.17E-02	2.09E-03	3.74E+00	1.78E-08	1.24E-07	8.09E+00	1.89E-01	2.83E-03	9.76E-02	2.41E-02	3.52E-01	7.36E+01	1.60E+00	2.90E-07	9.96E-08	4.77E-03	1.23E-04	5.14E-01	4.45E-01	7.52E+01	3.78E-03	7.52E+01	7.61E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN204P	2.10E-02	2.24E+00	-2.24E-02	2.27E+00	9.78E-07	0.00E+00	1.46E+03	8.25E-05	1.84E-03	1.96E-02	2.04E-03	3.30E+00	2.26E-08	1.18E-07	6.36E+00	1.86E-01	2.87E-03	8.70E-02	2.98E-02	4.26E-01	6.96E+01	2.19E+00	3.03E-07	1.34E-07	7.31E-03	1.41E-04	7.75E-01	4.99E-01	7.09E+01	2.07E-04	7.09E+01	7.24E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MCN206	1.13E-02	1.58E+00	-2.12E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.96E-05	9.61E-04	1.03E-02	1.74E-03	2.17E+00	1.39E-08	6.06E-08	4.58E+00	1.04E-01	2.36E-03	8.87E-02	1.66E-02	2.39E-01	6.68E+01	1.82E+00	2.45E-07	7.23E-08	3.85E-03	1.05E-04	2.81E-01	4.46E-01	6.86E+01	2.38E-04	6.86E+01	6.94E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MCN206A	1.16E-02	1.66E+00	-3.24E-02	1.71E+00	1.63E-06	0.00E+00	1.44E+03	5.17E-05	1.37E-03	1.44E-02	1.72E-03	2.18E+00	2.03E-08	6.68E-08	4.51E+00	1.05E-01	2.38E-03	9.23E-02	1.63E-02	2.47E-01	6.83E+01	2.11E+00	2.48E-07	7.59E-08	3.96E-03	1.05E-04	3.58E-01	6.36E-01	7.02E+01	2.27E-04	7.02E+01	7.09E+01	7.40E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01
MCN206E	1.13E-02	1.58E+00	-1.83E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	9.56E-04	1.03E-02	1.72E-03	2.17E+00	1.35E-08	6.06E-08	4.58E+00	1.04E-01	2.33E-03	8.87E-02	1.65E-02	2.38E-01	6.68E+01	1.82E+00	2.45E-07	7.22E-08	3.84E-03	1.04E-04	2.89E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.93E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MCN206P	2.06E-02	2.20E+00	-2.05E-02	2.23E+00	6.24E-07	0.00E+00	1.45E+03	5.69E-05	1.83E-03	1.96E-02	1.98E-03	2.31E+00	6.29E-08	8.15E-08	4.88E+00	1.40E-01	2.75E-03	8.67E-02	2.42E-02	4.13E-01	6.92E+01	2.14E+00	2.97E-07	1.29E-07	7.07E-03	1.40E-04	6.38E-01	4.74E-01	7.12E+01	2.07E-04	7.11E+01	7.27E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCN208E	1.15E-02	1.61E+00	-2.42E-02	1.65E+00	1.61E-06	0.00E+00	1.42E+03	5.56E-05	1.34E-03	1.40E-02	1.70E-03	2.38E+00	1.94E-08	6.67E-08	5.15E+00	1.11E-01	2.33E-03	8.81E-02	1.64E-02	2.44E-01	6.70E+01	2.13E+00	2.46E-07	7.27E-08	3.86E-03	1.07E-04	3.16E-01	5.37E-01	6.90E+01	2.08E-04	6.90E+01	6.99E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	6.87E-01
MCN210	8.49E-03	1.26E+00	-1.95E-02	1.28E+00	1.50E-06	0.00E+00	1.13E+03	4.63E-05	7.95E-04	8.53E-03	1.54E-03	2.14E+00	1.21E-08	5.50E-08	4.32E+00	1.01E-01	2.09E-03	6.70E-02	1.34E-02	1.43E-01	4.81E+01	1.64E+00	1.60E-07	5.54E-08	3.11E-03	6.01E-05	2.28E-01	3.88E-01	4.98E+01	1.19E-04	4.98E+01	5.04E+01	6.17E-01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MCN210A	1.15E-02	1.64E+00	-2.45E-02	1.68E+00	1.60E-06	0.00E+00	1.42E+03	5.36E-05	1.35E-03	1.42E-02	1.71E-03	2.36E+00	1.84E-08	6.81E-08	5.05E+00	1.08E-01	2.36E-03	9.24E-02	1.62E-02	2.43E-01	6.88E+01	2.13E+00	2.47E-07	7.28E-08	3.92E-03	1.08E-04	3.33E-01	5.46E-01	7.04E+01	2.05E-04	7.05E+01	7.12E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	6.89E-01
MCN210E	1.13E-02	1.58E+00	-1.80E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.56E-04	1.03E-02	1.72E-03	2.19E+00	1.33E-08	6.08E-08	4.61E+00	1.04E-01	2.33E-03	8.80E-02	1.66E-02	2.46E-01	6.68E+01	1.80E+00	2.46E-07	7.22E-08	3.84E-03	1.07E-04	3.07E-01	4.08E-01	6.86E+01	1.98E-04	6.86E+01	6.93E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MCN210P	9.99E-03	1.61E+00	-2.35E-02	1.65E+00	7.63E-07	0.00E+00	1.59E+03	5.23E-05	1.53E-03	1.62E-02	1.60E-03	2.20E+00	1.97E-08	5.98E-08	4.47E+00	1.09E-01	2.24E-03	6.17E-02	1.23E-02	2.20E-01	4.58E+01	2.15E+00	1.40E-07	6.42E-08	4.27E-03	7.71E-05	3.87E-01	4.73E-01	4.76E+01	1.25E-04	4.75E+01	4.81E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-01
MCN213	1.19E-02	1.59E+00	-2.05E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.74E-04	1.05E-02	1.76E-03	2.53E+00	1.43E-08	6.74E-08	5.35E+00	1.04E-01	2.39E-03	8.81E-02	1.74E-02	2.57E-01	6.70E+01	1.80E+00	2.48E-07	7.62E-08	3.93E-03	1.09E-04	3.10E-01	4.48E-01	6.88E+01	2.02E-04	6.88E+01	6.96E+01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-01
MCN213E	1.16E-02	1.57E+00	-1.67E-02	1.57E+00	1.50E-06	0.00E+00	1.26E+03	5.00E-05	9.68E-04	1.04E-02	1.71E-03	2.57E+00	1.47E-08	7.02E-08	5.23E+00	1.04E-01	2.34E-03	8.81E-02	1.69E-02	2.44E-01	6.70E+01	1.80E+00	2.48E-07	7.27E-08	3.90E-03	1.07E-04	3.13E-01	3.38E-01	6.87E+01	2.03E-04	6.84E+01	6.88E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	7.36E-01
MCN216	1.18E-02	1.59E+00	-2.05E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.71E-04	1.04E-02	1.76E-03	2.52E+00	1.37E-08	6.68E-08	5.34E+00	1.04E-01	2.38E-03	8.81E-02	1.72E-02	2.49E-01	6.70E+01	1.80E+00	2.48E-07	7.50E-08	3.91E-03	1.09E-04	3.08E-01	4.48E-01	6.88E+01	2.02E-04	6.88E+01	6.95E+01	7.56E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-01
MCN216A	9.45E-03	1.16E+00	-1.55E-02	1.23E+00	1.45E-06	0.00E+00	1.10E+03	6.68E-05	8.76E-04	9.14E-03	1.59E-03	3.29E+00	1.23E-08	7.95E-08	6.33E+00	1.35E-01	2.17E-03	6.36E-02	1.48E-02	1.79E-01	4.95E+01	1.40E+00	1.48E-07	6.09E-08	4.26E-03	6.45E-05	2.57E-01	2.40E-01	5.13E+01	1.92E-04	5.11E+01	5.17E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	6.40E-01
MCN216E	1.18E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.66E-04	1.04E-02	1.74E-03	2.52E+00	1.34E-08	6.68E-08	5.34E+00	1.04E-01	2.36E-03	8.81E-02	1.72E-02	2.47E-01	6.69E+01	1.80E+00	2.48E-07	7.49E-08	3.90E-03	1.08E-04	3.16E-01	4.10E-01	6.87E+01	2.02E-04	6.87E+01	6.95E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-01
MCN216P	1.00E-02	1.61E+00	-2.34E-02	1.65E+00	7.65E-07	0.00E+00	1.59E+03	5.92E-05	1.54E-03	1.62E-02	1.59E-03	2.37E+00	2.07E-08	6.63E-08	4.94E+00	1.16E-01	2.24E-03	6.17E-02	1.28E-02	2.18E-01	4.59E+01	2.15E+00	1.40E-07	6.50E-08	4.27E-03	7.72E-05	4.28E-01	4.73E-01	4.76E+01	1.28E-04	4.76E+01	4.81E+01	8.20E-01	0.00E+00	0.00E+00	0.00E+00	5.45E-01
MCN220	1.25E-02	1.60E+00	-2.00E-02	1.62E+00	1.50E-06	0.00E+00	1.28E+03	4.95E-05	9.91E-04	1.07E-02	1.79E-03	2.92E+00	1.44E-08	7.44E-08	6.22E+00	1.04E-01	2.43E-03	8.81E-02	1.80E-02	2.58E-01	6.72E+01	1.81E+00	2.51E-07	7.95E-08	4.02E-03	1.10E-04	3.22E-01	4.51E-01	6.90E+01	2.06E-04	6.90E+01	6.98E+01	7.73E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
MCN220A	9.83E-03	1.57E+00	-1.55E-02	1.58E+00	1.41E-06	0.00E+00	1.13E+03	6.70E-05	9.51E-04	9.94E-03	1.57E-03	3.42E+00	1.23E-08	8.25E-08	6.38E+00	1.35E-01	2.19E-03	6.36E-02	1.47E-02	1.99E-01	4.95E+01	1.40E+00	1.44E-07	6.37E-08	4.74E-03	6.74E-05	2.67E-01	2.50E-01	5.11E+01	1.95E-04	5.09E+01	5.17E+01	6.43E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
MCN220E	1.29E-02	1.78E+00	-1.44E-02	1.79E+00	1.50E-06	0.00E+00	1.28E+03	5.45E-05	1.10E-03	1.19E-02	2.53E-03	2.92E+00	1.46E-08	7.49E-08	9.07E+00	1.47E-01	3.43E-03	8.90E-02	2.12E-02	2.61E-01	7.04E+01	5.60E+00	2.55E-07	8.50E-08	4.58E-03	1.10E-04	3.71E-01	4.88E-01	7.60E+01	2.06E-04	7.60E+01	7.69E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MCN220P	1.61E-02	1.89E+00	-2.15E-02	1.86E+00	9.78E-07	0.00E+00	1.62E+03	6.42E-05	1.55E-03	1.63E-02	1.93E-03	2.91E+00	4.71E-08	8.35E-08	5.82E+00	1.40E-01	2.84E-03	9.88E-02	2.03E-02	3.30E-01	6.40E+01	2.12E+00	2.76E-07	1.04E-07	5.62E-03	1.30E-04	5.39E-01	4.63E-01	6.69E+01	1.46E-04	6.67E+01	6.94E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-01
MCN225	1.43E-02	1.61E+00	-1.40E-02	1.62E+00	1.47E-06	0.00E+00	1.27E+03	5.77E-05	9.99E-04	1.06E-02	1.79E-03	3.70E+00	1.26E-08	9.32E-08	7.95E+00	1.23E-01	2.45E-03	8.96E-02	1.91E-02	2.46E-01	6.74E+01	1.60E+00	2.55E-07	8.90E-08	4.17E-03	1.09E-04	3.20E-01	2.42E-01	6.92E+01	2.93E-04	6.88E+01	6.91E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MCN225A	1.40E-02	1.76E+00	-1.86E-02	1.75E+00	1.51E-06	0.00E+00	1.27E+03	5.10E-05	1.03E-03	1.11E-02	1.85E-03	3.69E+00	1.49E-08	9.05E-08	7.94E+00	1.05E-01	2.50E-03	9.20E-02	2.05E-02	2.61E-01	7.12E+01	1.80E+00	2.56E-07	8.98E-08	4.24E-03	1.09E-04	3.46E-01	4.34E-01	7.24E+01	2.50E-04	7.24E+01	7.31E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	8.72E-01
MCN225E	1.35E-02	1.62E+00	-1.64E-02	1.64E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	1.01E-03	1.09E-02	1.83E-03	3.62E+00	1.47E-08	8.69E-08	7.71E+00	1.04E-01	2.47E-03	8.85E-02	1.92E-02	2.57E-01	6.73E+01	1.82E+00	2.55E-07	8.57E-08	4.15E-03	1.09E-04	3.09E-01	4.18E-01	6.91E+01	2.54E-04	6.91E+01	6.98E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	8.25E-01
MCN225P	2.18E-02	2.29E+00	-1.88E-02	2.32E+00	9.62E-07	0.00E+00	1.47E+03	1.80E-04	1.81E-03	1.92E-02	2.02E-03	6.35E+00	2.63E-07	1.65E-07	1.39E+01	4.65E-01	2.83E-03	8.68E-02	3.06E-02	4.31E-01	6.93E+01	2.24E+00	2.98E-07	1.35E-07	7.32E-03	1.42E-04	8.87E-01	4.78E-01	7.13E+01	2.40E-04	7.12E+01	7.29E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MCN232	2.33E-02	2.02E+00	-1.19E-02	2.08E+00	1.86E-06	0.00E+00	1.52E+03	2.73E-04	1.56E-03	1.71E-02	2.10E-03	9.15E+00	2.84E-08	2.51E-07	1.93E+01	6.00E-01	2.85E-03	1.07E-01	3.68E-02	3.45E-01	6.54E+01	2.33E+00	5.23E-07	1.51E-07	5.82E-03	1.62E-04	1.02E+00	6.52E-01	6.85E+01	3.84E-03	6.86E+01	7.01E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCN232A	1.89E-02	1.85E+00	-1.69E-02	1.87E+00	1.78E-06	0.00E+00	1.03E+03	2.83E-04	1.40E-03	1.54E-02	2.11E-03	6.64E+00	3.48E-07	1.90E-07	1.43E+01	7.38E-01	2.86E-03	1.00E-01	2.69E-02	3.47E-01	6.27E+01	2.29E+00	3.28E-07	1.20E-07	5.21E-03	1.31E-04	7.13E-01	5.46E-01	6.41E+01	4.03E-03	6.43E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MCN232E	1.90E-02	1.63E+00	-4.67E-03	1.64E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.14E-03	1.24E-02	2.06E-03	6.97E+00	3.19E-07	1.89E-07	1.50E+01	7.54E-01	2.79E-03	9.57E-02	2.67E-02	3.45E-01	6.02E+01	1.46E+00	2.92E-07	1.20E-07	5.03E-03	1.30E-04	7.35E-01	4.42E-01	6.17E+01	3.84E-03	6.17E+01	6.29E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN232P	2.34E-02	2.27E+00	-4.36E-03	2.33E+00	9.60E-07	0.00E+00	9.93E+02	2.22E-04	1.35E-03	1.44E-02	2.00E-03	6.94E+00	3.20E-07	2.07E-07	1.46E+01	5.31E-01	2.79E-03	8.70E-02	4.20E-02	4.49E-01	6.96E+01	1.59E+00	3.26E-07	1.49E-07	7.29E-03	1.48E-04	9.44E-01	4.44E-01	7.14E+01	2.65E-04	7.10E+01	7.23E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN240	2.46E-02	2.01E+00	4.02E-03	2.06E+00	1.82E-06	0.00E+00	1.29E+03	2.70E-04	1.56E-03	1.73E-02	2.10E-03	9.90E+00	2.96E-08	2.56E-07	2.21E+01	6.07E-01	2.85E-03	1.07E-01	4.16E-02	3.46E-01	6.50E+01	2.35E+00	5.80E-07	1.61E-07	5.79E-03	1.62E-04	1.04E+00	5.65E-01	6.76E+01	3.90E-03	6.78E+01	6.99E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCN240A	1.92E-02	1.86E+00	-1.57E-02	1.88E+00	1.77E-06	0.00E+00	1.02E+03	2.83E-04	1.44E-03	1.56E-02	2.11E-03	7.06E+00	3.50E-07	2.03E-07	1.49E+01	7.38E-01	2.87E-03	1.00E-01	2.72E-02	3.51E-01	6.31E+01	2.39E+00	3.81E-07	1.21E-07	5.25E-03	1.34E-04	8.52E-01	5.51E-01	6.44E+01	3.98E-03	6.46E+01	6.59E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MCN240E	1.91E-02	1.65E+00	-4.46E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.98E+00	3.19E-07	1.90E-07	1.50E+01	7.54E-01	2.79E-03	9.57E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.37E-01	4.42E-01	6.21E+01	3.76E-03	6.21E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN240P	2.35E-02	2.28E+00	-4.16E-03	2.33E+00	9.61E-07	0.00E+00	9.93E+02	2.23E-04	1.35E-03	1.44E-02	2.00E-03	7.05E+00	3.26E-07	2.09E-07	1.48E+01	5.40E-01	2.79E-03	8.70E-02	4.31E-02	4.49E-01	6.95E+01	1.59E+00	3.88E-07	1.49E-07	7.31E-03	1.48E-04	9.62E-01	4.44E-01	7.15E+01	2.85E-04	7.11E+01	7.24E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MCN250	2.27E-02	1.80E+00	1.41E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	2.49E-04	1.29E-03	1.33E-02	2.04E-03	8.87E+00	2.06E-08	2.30E-07	1.89E+01	6.56E-01	2.82E-03	9.01E-02	3.09E-02	3.72E-01	6.19E+01	1.41E+00	3.53E-07	1.47E-07	5.74E-03	1.43E-04	9.62E-01	2.90E-01	6.39E+01	6.77E-04	6.34E+01	6.53E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MCN250A	2.28E-02	1.90E+00	6.03E-03	1.93E+00	1.72E-06	0.00E+00	1.01E+03	2.75E-04	1.51E-03	1.67E-02	2.21E-03	8.69E+00	2.22E-08	2.39E-07	1.89E+01	7.99E-01	3.00E-03	1.01E-01	3.54E-02	3.83E-01	6.17E+01	2.36E+00	3.87E-07	1.49E-07	5.54E-03	1.53E-04	9.21E-01	5.56E-01	6.34E+01	4.32E-03	6.35E+01	6.46E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCN250E	2.51E-02	1.73E+00	6.99E-03	1.72E+00	1.63E-06	0.00E+00	6.98E+02	3.08E-04	1.26E-03	1.38E-02	2.18E-03	1.22E+01	1.43E-08	2.74E-07	2.51E+01	8.99E-01	2.95E-03	9.66E-02	3.46E-02	4.02E-01	5.91E+01	1.45E+00	3.77E-07	1.64E-07	5.80E-03	1.65E-04	1.03E+00	4.53E-01	6.06E+01	4.23E-03	6.06E+01	6.20E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN250P	2.57E-02	2.24E+00	8.95E-04	2.31E+00	1.32E-06	0.00E+00	9.82E+02	2.19E-04	1.37E-03	1.43E-02	2.03E-03	8.09E+00	1.83E-08	2.29E-07	1.66E+01	5.31E-01	2.83E-03	8.61E-02	4.98E-02	4.45E-01	6.86E+01	1.55E+00	3.77E-07	1.71E-07	7.57E-03	1.60E-04	9.64E-01	2.48E-01	7.08E+01	4.52E-04	7.04E+01	7.18E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MCN263	2.63E-02	1.80E+00	3.72E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.60E-04	1.29E-03	1.33E-02	2.04E-03	1.25E+01	2.07E-08	3.23E-07	2.65E+01	1.00E+00	2.83E-03	9.09E-02	3.56E-02	3.78E-01	6.19E+01	1.44E+00	3.73E-07	1.64E-07	5.75E-03	1.45E-04	1.18E+00	2.91E-01	6.38E+01	6.48E-04	6.34E+01	6.52E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCN263A	2.62E-02	1.81E+00	2.37E-04	1.82E+00	1.46E-06	0.00E+00	1.01E+03	3.69E-04	1.28E-03	1.33E-02	2.05E-03	1.25E+01	2.08E-08	3.24E-07	2.73E+01	1.03E+00	2.84E-03	9.14E-02	3.58E-02	3.73E-01	6.17E+01	1.44E+00	3.74E-07	1.62E-07	5.77E-03	1.46E-04	1.20E+00	2.91E-01	6.31E+01	5.72E-04	6.27E+01	6.49E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCN263E	3.52E-02	1.86E+00	4.87E-03	1.86E+00	1.68E-06	0.00E+00	1.02E+03	3.40E-04	1.29E-03	1.38E-02	2.07E-03	1.66E+01	2.23E-08	4.06E-07	3.59E+01	1.04E+00	2.84E-03	9.45E-02	4.04E-02	3.48E-01	6.35E+01	1.45E+00	3.74E-07	1.97E-07	5.76E-03	1.63E-04	1.39E+00	2.84E-01	6.52E+01	3.80E-03	6.49E+01	6.43E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MCN263P	2.63E-02	2.25E+00	1.24E-03	2.32E+00	1.32E-06	0.00E+00	9.82E+02	2.16E-04	1.37E-03	1.43E-02	2.03E-03	9.92E+00	1.83E-08	2.40E-07	1.86E+01	5.40E-01	2.83E-03	8.59E-02	5.12E-02	4.51E-01	6.87E+01	1.55E+00	4.04E-07	1.78E-07	7.72E-03	1.61E-04	1.09E+00	2.48E-01	7.08E+01	5.22E-04	7.04E+01	7.18E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+00
MCN300	2.69E-02	2.54E+00	-1.77E-02	2.49E+00	2.17E-06	0.00E+00	1.61E+03	1.39E-04	1.78E-03	1.88E-02	3.19E-03	4.85E+00	3.22E-08	1.66E-07	9.23E+00	3.37E-01	4.17E-03	1.26E-01	3.60E-02	5.51E-01	9.79E+01	2.79E+00	4.28E-07	1.77E-07	8.62E-03	2.23E-04	9.41E-01	5.89E-01	1.02E+02	6.51E-03	1.03E+02	1.08E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCN300E	2.55E-02	2.49E+00	-8.86E-03	2.47E+00	2.25E-06	0.00E+00	8.35E+02	9.82E-05	1.62E-03	1.70E-02	3.13E-03	4.84E+00	1.69E-08	1.63E-07	9.66E+00	2.46E-01	4.23E-03	1.44E-01	3.52E-02	5.00E-01	1.02E+02	2.65E+00	3.97E-07	1.54E-07	7.33E-03	1.87E-04	6.89E-01	5.06E-01	1.04E+02	5.72E-03	1.03E+02	1.05E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCN301	2.55E-02	3.00E+00	-3.24E-02	3.06E+00	2.37E-06	0.00E+00	1.25E+03	1.15E-04	2.01E-03	2.08E-02	3.16E-03	5.37E+00	2.41E-08	1.71E-07	9.93E+00	3.26E-01	4.27E-03	1.45E-01	3.52E-02	5.35E-01	1.02E+02	2.90E+00	4.10E-07	1.62E-07	7.91E-03	2.18E-04	8.89E-01	7.74E-01	1.04E+02	6.10E-03	1.04E+02	1.06E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MCN301E	2.55E-02	2.50E+00	-1.78E-02	2.48E+00	2.25E-06	0.00E+00	8.46E+02	1.19E-04	1.62E-03	1.70E-02	3.15E-03	5.20E+00	1.75E-08	1.66E-07	9.86E+00	3.35E-01	4.24E-03	1.44E-01	3.52E-02	5.02E-01	1.02E+02	2.65E+00	3.98E-07	1.52E-07	7.35E-03	1.88E-04	7.32E-01	5.67E-01	1.04E+02	5.73E-03	1.04E+02	1.05E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCN301P	2.70E-02	3.15E+00	-3.26E-02	3.20E+00	1.85E-06	0.00E+00	2.10E+03	1.12E-04	2.61E-03	2.71E-02	3.26E-03	3.90E+00	2.70E-08	1.65E-07	8.07E+00	2.65E-01	4.40E-03	1.26E-01	5.04E-02	6.19E-01	1.01E+02	3.78E+00	4.76E-07	1.83E-07	1.03E-02	2.27E-04	9.86E-01	7.72E-01	1.04E+02	4.59E-04	1.05E+02	1.07E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MCN302	2.76E-02	3.13E+00	-3.28E-02	3.16E+00	2.27E-06	0.00E+00	2.16E+03	1.40E-04	2.08E-03	2.29E-02	3.35E-03	4.95E+00	3.88E-08	1.73E-07	9.35E+00	3.27E-01	4.42E-03	1.30E-01	3.73E-02	5.70E-01	9.83E+01	2.76E+00	4.29E-07	1.87E-07	9.16E-03	2.49E-04	1.07E+00	7.73E-01	1.03E+02	6.68E-03	1.03E+02	1.08E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCN302E	2.64E-02	2.57E+00	-2.12E-02	2.59E+00	2.32E-06	0.00E+00	1.10E+03	1.19E-04	1.64E-03	1.74E-02	3.12E-03	6.27E+00	2.59E-08	1.98E-07	1.37E+01	3.08E-01	4.22E-03	1.48E-01	3.67E-02	5.16E-01	1.10E+02	2.32E+00	4.15E-07	1.53E-07	7.17E-03	1.85E-04	8.09E-01	6.65E-01	1.13E+02	5.70E-03	1.13E+02	1.14E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MCN302P	2.70E-02	3.16E+00	-3.26E-02	3.20E+00	1.84E-06	0.00E+00	2.08E+03	1.14E-04	2.61E-03	2.72E-02	3.26E-03	4.05E+00	2.74E-08	1.69E-07	8.30E+00	2.78E-01	4.40E-03	1.26E-01	5.03E-02	6.19E-01	1.01E+02	3.78E+00	4.76E-07	1.83E-07	1.03E-02	2.26E-04	9.87E-01	7.76E-01	1.04E+02	4.58E-04	1.05E+02	1.07E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MCN303	2.55E-02	2.97E+00	-3.27E-02	3.04E+00	2.36E-06	0.00E+00	1.25E+03	1.77E-04	1.88E-03	1.93E-02	3.13E-03	8.33E+00	3.68E-08	2.03E-07	1.71E+01	4.84E-01	4.22E-03	1.45E-01	3.49E-02	5.11E-01	1.00E+02	2.91E+00	3.95E-07	1.54E-07	7.40E-03	1.99E-04	8.90E-01	8.39E-01	1.01E+02	5.83E-03	1.00E+02	1.02E+02	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MCN303E	2.55E-02	2.50E+00	-7.12E-03	2.48E+00	2.26E-06	0.00E+00	8.45E+02	1.82E-04	1.62E-03	1.70E-02	3.13E-03	8.29E+00	1.76E-08	1.99E-07	1.72E+01	5.05E-01	4.23E-03	1.44E-01	3.52E-02	4.99E-01	9.96E+01	2.65E+00	3.98E-07	1.52E-07	7.33E-03	1.88E-04	7.47E-01	5.40E-01	1.00E+02	5.71E-03	9.95E+01	1.02E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCN304	2.75E-02	3.12E+00	-3.30E-02	3.15E+00	2.30E-06	0.00E+00	2.14E+03	1.70E-04	1.96E-03	2.17E-02	3.30E-03	8.49E+00	4.68E-08	2.08E-07	1.83E+01	3.88E-01	4.35E-03	1.29E-01	3.71E-02	5.63E-01	9.73E+01	2.77E+00	4.17E-07	1.80E-07	8.89E-03	2.28E-04	1.11E+00	8.54E-01	1.01E+02	6.67E-03	1.01E+02	1.06E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCN304E	2.75E-02	2.55E+00	-6.55E-03	2.52E+00	2.17E-06	0.00E+00	1.14E+03	1.74E-04	1.79E-03	1.89E-02	3.30E-03	8.44E+00	3.19E-08	2.06E-07	1.84E+01	4.20E-01	4.35E-03	1.28E-01	3.71E-02	5.51E-01	9.69E+01	2.73E+00	4.22E-07	1.80E-07	8.75E-03	2.23E-04	9.75E-01	4.99E-01	1.00E+02	6.59E-03	9.99E+01	1.06E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCN304P	2.69E-02	3.15E+00	-3.27E-02	3.20E+00	1.78E-06	0.00E+00	2.12E+03	1.23E-04	2.61E-03	2.72E-02	3.17E-03	4.34E+00	2.71E-08	1.65E-07	9.86E+00	2.89E-01	4.30E-03	1.26E-01	5.02E-02	6.20E-01	1.01E+02	3.79E+00	4.76E-07	1.83E-07	1.03E-02	2.27E-04	1.01E+00	7.74E-01	1.04E+02	4.40E-04	1.05E+02	1.07E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MCN306	1.70E-02	2.36E+00	-3.18E-02	2.39E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.44E-03	1.55E-02	2.60E-03	3.26E+00	2.07E-08	9.08E-08	6.88E+00	1.55E-01	3.52E-03	1.33E-01	2.48E-02	3.59E-01	1.00E+02	2.71E+00	3.68E-07	1.08E-07	5.77E-03	1.58E-04	4.22E-01	6.67E-01	1.03E+02	3.80E-04	1.03E+02	1.04E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCN306A	1.76E-02	2.95E+00	-3.73E-02	3.00E+00	2.10E-06	0.00E+00	1.96E+03	7.65E-05	1.58E-03	1.67E-02	2.60E-03	3.69E+00	3.40E-08	1.01E-07	7.09E+00	1.62E-01	3.54E-03	1.34E-01	2.59E-02	3.61E-01	1.04E+02	2.98E+00	3.66E-07	1.13E-07	5.91E-03	1.60E-04	4.92E-01	8.32E-01	1.06E+02	3.29E-04	1.06E+02	1.07E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00

MCN306E	1.70E-02	2.36E+00	-2.75E-02	2.39E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.43E-03	1.54E-02	2.57E-03	3.26E+00	2.02E-08	9.08E-08	6.88E+00	1.55E-01	3.48E-03	1.33E-01	2.48E-02	3.57E-01	1.00E+02	2.71E+00	3.67E-07	1.08E-07	5.75E-03	1.57E-04	4.34E-01	6.11E-01	1.03E+02	3.80E-04	1.03E+02	1.04E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCN306P	2.43E-02	3.06E+00	-3.30E-02	3.13E+00	1.85E-06	0.00E+00	2.09E+03	8.70E-05	2.47E-03	2.60E-02	3.08E-03	3.90E+00	8.30E-08	1.63E-07	8.02E+00	1.72E-01	4.16E-03	1.26E-01	4.81E-02	5.65E-01	1.03E+02	3.78E+00	4.22E-07	1.57E-07	9.18E-03	2.00E-04	8.98E-01	7.65E-01	1.05E+02	4.44E-04	1.06E+02	1.08E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN308	1.77E-02	3.09E+00	-3.68E-02	3.14E+00	2.29E-06	0.00E+00	1.95E+03	7.80E-05	1.56E-03	1.66E-02	2.62E-03	3.80E+00	3.46E-08	9.91E-08	8.20E+00	1.63E-01	3.54E-03	1.32E-01	2.56E-02	3.72E-01	1.02E+02	3.00E+00	3.68E-07	1.13E-07	5.86E-03	1.63E-04	5.21E-01	8.29E-01	1.04E+02	3.13E-04	1.05E+02	1.06E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCN310	1.27E-02	1.88E+00	-2.92E-02	1.91E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.19E-03	1.28E-02	2.30E-03	3.21E+00	1.81E-08	8.25E-08	6.49E+00	1.52E-01	3.12E-03	1.00E-01	2.02E-02	2.15E-01	7.22E+01	2.45E+00	2.40E-07	8.32E-08	4.67E-03	9.10E-05	3.54E-01	5.82E-01	7.47E+01	1.81E-04	7.47E+01	7.56E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.66E-01
MCN310A	1.76E-02	3.09E+00	-5.31E-02	3.16E+00	2.29E-06	0.00E+00	1.97E+03	7.77E-05	1.57E-03	1.67E-02	2.38E-03	3.96E+00	5.32E-08	1.01E-07	8.31E+00	1.64E-01	3.58E-03	1.34E-01	2.56E-02	3.63E-01	1.04E+02	3.01E+00	3.73E-07	1.12E-07	5.92E-03	1.63E-04	5.46E-01	1.52E+00	1.06E+02	3.06E-04	1.06E+02	1.08E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN310E	1.27E-02	1.88E+00	-2.92E-02	1.91E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.19E-03	1.28E-02	2.30E-03	3.21E+00	1.81E-08	8.25E-08	6.49E+00	1.52E-01	3.12E-03	1.00E-01	2.02E-02	2.15E-01	7.22E+01	2.45E+00	2.40E-07	8.32E-08	4.67E-03	9.10E-05	3.54E-01	5.82E-01	7.47E+01	1.81E-04	7.47E+01	7.56E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.66E-01
MCN310P	2.40E-02	2.90E+00	-5.02E-02	2.97E+00	1.79E-06	0.00E+00	2.04E+03	7.22E-05	2.42E-03	2.55E-02	2.74E-03	4.05E+00	5.90E-08	1.38E-07	7.84E+00	1.65E-01	4.30E-03	1.18E-01	4.20E-02	5.99E-01	1.05E+02	3.31E+00	3.76E-07	1.63E-07	9.45E-03	2.25E-04	6.62E-01	1.53E+00	1.07E+02	4.02E-04	1.08E+02	1.09E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MCN313	1.78E-02	2.38E+00	-3.07E-02	2.41E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.46E-03	1.57E-02	2.64E-03	3.80E+00	2.13E-08	1.01E-07	8.04E+00	1.56E-01	3.57E-03	1.32E-01	2.61E-02	3.87E-01	1.01E+02	2.70E+00	3.72E-07	1.14E-07	5.89E-03	1.64E-04	4.74E-01	6.71E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN313E	1.79E-02	3.09E+00	-3.58E-02	3.14E+00	2.31E-06	0.00E+00	1.95E+03	7.87E-05	1.58E-03	1.67E-02	2.62E-03	3.82E+00	3.45E-08	1.00E-07	8.28E+00	1.64E-01	3.55E-03	1.32E-01	2.62E-02	3.78E-01	1.02E+02	3.00E+00	3.68E-07	1.15E-07	5.92E-03	1.63E-04	5.22E-01	8.26E-01	1.04E+02	3.11E-04	1.05E+02	1.06E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MCN316	1.77E-02	2.38E+00	-3.07E-02	2.41E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.46E-03	1.56E-02	2.63E-03	3.78E+00	2.05E-08	1.00E-07	8.03E+00	1.56E-01	3.57E-03	1.32E-01	2.58E-02	3.74E-01	1.01E+02	2.70E+00	3.72E-07	1.13E-07	5.87E-03	1.64E-04	4.71E-01	6.71E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN316A	1.81E-02	2.41E+00	-2.93E-02	2.44E+00	2.29E-06	0.00E+00	1.91E+03	7.49E-05	1.47E-03	1.58E-02	2.65E-03	3.94E+00	2.17E-08	1.03E-07	8.50E+00	1.58E-01	3.60E-03	1.34E-01	2.69E-02	3.74E-01	1.02E+02	2.70E+00	3.74E-07	1.15E-07	5.94E-03	1.64E-04	4.76E-01	6.39E-01	1.05E+02	3.07E-04	1.05E+02	1.06E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MCN316E	1.27E-02	1.88E+00	-2.92E-02	1.91E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.19E-03	1.28E-02	2.31E-03	3.22E+00	1.83E-08	8.28E-08	6.49E+00	1.52E-01	3.12E-03	1.00E-01	2.02E-02	2.19E-01	7.22E+01	2.45E+00	2.40E-07	8.34E-08	4.67E-03	9.12E-05	3.55E-01	5.82E-01	7.47E+01	1.81E-04	7.47E+01	7.56E+01	9.37E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MCN316P	1.61E-02	2.17E+00	-2.59E-02	2.19E+00	1.75E-06	0.00E+00	1.83E+03	1.06E-04	1.70E-03	1.76E-02	2.42E-03	4.30E+00	2.17E-08	1.08E-07	8.80E+00	2.38E-01	3.33E-03	1.08E-01	2.07E-02	3.40E-01	8.00E+01	2.62E+00	3.10E-07	1.01E-07	6.03E-03	1.53E-04	5.65E-01	6.52E-01	8.28E+01	2.37E-04	8.28E+01	8.66E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCN320	1.87E-02	2.40E+00	-2.99E-02	2.43E+00	2.32E-06	0.00E+00	1.91E+03	7.41E-05	1.48E-03	1.60E-02	2.68E-03	4.38E+00	2.15E-08	1.12E-07	9.35E+00	1.56E-01	3.63E-03	1.32E-01	2.70E-02	3.89E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.02E-03	1.66E-04	4.92E-01	6.75E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN320A	1.87E-02	2.42E+00	-2.89E-02	2.46E+00	2.30E-06	0.00E+00	1.91E+03	7.49E-05	1.49E-03	1.61E-02	2.69E-03	4.51E+00	2.17E-08	1.13E-07	9.67E+00	1.57E-01	3.64E-03	1.34E-01	2.72E-02	3.85E-01	1.03E+02	2.71E+00	3.76E-07	1.19E-07	6.05E-03	1.64E-04	4.95E-01	6.40E-01	1.05E+02	3.19E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MCN320E	1.87E-02	2.40E+00	-2.56E-02	2.43E+00	2.32E-06	0.00E+00	1.91E+03	7.40E-05	1.48E-03	1.59E-02	2.66E-03	4.38E+00	2.09E-08	1.12E-07	9.35E+00	1.56E-01	3.60E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.65E-04	5.04E-01	6.19E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN320P	2.80E-02	3.28E+00	-2.70E-02	3.32E+00	1.73E-06	0.00E+00	2.10E+03	2.07E-04	2.83E-03	3.05E-02	3.16E-03	8.08E+00	4.59E-07	2.20E-07	1.65E+01	4.41E-01	4.28E-03	1.27E-01	5.16E-02	6.00E-01	9.94E+01	3.79E+00	4.45E-07	1.86E-07	1.06E-02	2.08E-04	1.13E+00	7.18E-01	1.03E+02	4.36E-04	1.03E+02	1.05E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MCN325	2.03E-02	2.43E+00	-2.90E-02	2.46E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.52E-03	1.63E-02	2.76E-03	5.43E+00	2.26E-08	1.30E-07	1.16E+01	1.55E-01	3.73E-03	1.33E-01	2.88E-02	3.88E-01	1.01E+02	2.71E+00	3.83E-07	1.29E-07	6.23E-03	1.64E-04	4.51E-01	6.83E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MCN325A	2.07E-02	2.46E+00	-2.59E-02	2.48E+00	1.95E-06	0.00E+00	1.92E+03	7.39E-05	1.53E-03	1.65E-02	2.76E-03	5.42E+00	2.19E-08	1.31E-07	1.15E+01	1.55E-01	3.73E-03	1.34E-01	2.84E-02	3.86E-01	1.03E+02	2.70E+00	3.83E-07	1.31E-07	6.34E-03	1.64E-04	4.69E-01	5.87E-01	1.05E+02	3.97E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MCN325E	2.03E-02	2.43E+00	-2.46E-02	2.46E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.29E-07	6.22E-03	1.63E-04	4.64E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MCN325P	2.81E-02	3.37E+00	-2.61E-02	3.41E+00	1.78E-06	0.00E+00	2.10E+03	2.13E-04	2.78E-03	2.96E-02	3.16E-03	8.31E+00	4.63E-07	2.25E-07	1.71E+01	4.61E-01	4.29E-03	1.27E-01	5.36E-02	6.24E-01	1.01E+02	3.81E+00	4.50E-07	1.91E-07	1.08E-02	2.12E-04	1.15E+00	7.18E-01	1.03E+02	4.48E-04	1.04E+02	1.06E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCN332	2.86E-02	2.44E+00	-1.13E-02	2.46E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.86E-02	3.12E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.22E-03	1.44E-01	4.00E-02	5.21E-01	9.05E+01	2.18E+00	4.38E-07	1.81E-07	7.56E-03	1.97E-04	1.10E+00	7.19E-01	9.27E+01	5.76E-03	9.27E+01	9.45E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN332A	4.48E-02	3.43E+00	-7.27E-03	3.44E+00	2.47E-06	0.00E+00	1.93E+03	3.44E-04	2.22E-03	2.34E-02	3.41E-03	1.74E+01	3.94E-08	4.24E-07	3.65E+01	9.94E-01	4.55E-03	1.37E-01	5.78E-02	5.59E-01	9.30E+01	2.91E+00	7.44E-07	2.56E-07	9.36E-03	2.61E-04	1.61E+00	8.60E-01	9.88E+01	6.25E-03	9.75E+01	1.12E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN332E	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.19E-01	9.04E+01	2.18E+00	4.38E-07	1.81E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN332P	3.56E-02	2.54E+00	-1.30E-02	2.54E+00	1.61E-06	0.00E+00	2.09E+03	3.48E-04	2.53E-03	2.65E-02	3.16E-03	1.07E+01	4.61E-07	3.31E-07	2.11E+01	8.68E-01	4.29E-03	1.26E-01	6.70E-02	6.63E-01	1.03E+02	2.54E+00	5.38E-07	2.30E-07	1.09E-02	2.24E-04	1.31E+00	5.92E-01	1.07E+02	4.68E-04	1.07E+02	1.10E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+00
MCN340	2.87E-02	2.48E+00	-1.09E-02	2.49E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.73E-03	1.88E-02	3.11E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.22E-03	1.44E-01	4.01E-02	5.23E-01	9.11E+01	2.20E+00	5.17E-07	1.82E-07	7.62E-03	1.98E-04	1.10E+00	7.19E-01	9.33E+01	5.64E-03	9.33E+01	9.51E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN340A	3.07E-02	3.33E+00	-1.42E-02	3.42E+00	2.56E-06	0.00E+00	1.14E+03	4.21E-04	2.05E-03	2.23E-02	3.16E-03	1.14E+01	4.93E-07	3.18E-07	2.47E+01	1.09E+00	4.27E-03	1.45E-01	4.08E-02	5.93E-01	9.28E+01	2.94E+00	5.69E-07	2.09E-07	8.38E-03	2.26E-04	1.25E+00	8.52E-01	9.45E+01	6.43E-03	9.45E+01	9.67E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
MCN340E	2.87E-02	2.48E+00	-6.61E-03	2.49E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.21E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.63E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN340P	3.70E-02	3.83E+00	-1.52E-02	3.86E+00	1.68E-06	0.00E+00	2.13E+03	3.53E-04	2.76E-03	2.98E-02	3.16E-03	1.08E+01	4.78E-07	3.26E-07	2.23E+01	8.51E-01	4.29E-03	1.26E-01	7.14E-02	7.30E-01	1.08E+02	3.95E+00	6.31E-07	2.35E-07	1.14E-02	2.26E-04	1.46E+00	7.60E-01	1.10E+02	4.77E-04	1.11E+02	1.13E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	3.13E+00
MCN350	3.76E-02	2.59E+00	6.22E-03	2.58E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.90E-03	2.08E-02	3.28E-03	1.83E+01	2.20E-08	4.11E-07	3.77E+01	1.35E+00	4.44E-03	1.45E-01	5.19E-02	6.07E-01	8.88E+01	2.17E+00	5.66E-07	2.46E-07	8.72E-03	2.49E-04	1.54E+00	7.36E-01	9.09E+01	6.34E-03	9.09E+01	9.32E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MCN350A	3.91E-02	3.51E+00	1.08E-02	3.57E+00	2.53E-06	0.00E+00	1.13E+03	4.49E-04	2.09E-03	2.33E-02	3.31E-03	1.83E+01	3.48E-08	4.13E-07	3.86E+01	1.28E+00	4.48E-03	1.48E-01	5.40E-02	6.43E-01	9.12E+01	2.92E+00	6.21E-07	2.55E-07	9.25E-03	2.52E-04	1.54E+00	8.58E-01	9.37E+01	6.63E-03	9.37E+01	9.58E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MCN350E	3.76E-02	2.59E+00	1.06E-02	2.58E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.89E-03	2.07E-02	3.26E-03	1.83E+01	2.14E-08	4.11E-07	3.77E+01	1.35E+00	4.41E-03	1.45E-01	5.18E-02	6.05E-01	8.87E+01	2.17E+00	5.66E-07	2.45E-07	8.70E-03	2.48E-04	1.55E+00	6.79E-01	9.09E+01	6.34E-03	9.09E+01	9.31E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MCN350P	4.50E-02	2.59E+00	1.99E-03	2.56E+00	1.72E-06	0.00E+00	1.95E+03	3.55E-04	2.67E-03	2.78E-02	3.31E-03	1.74E+01	2.48E-08	4.39E-07	3.49E+01	9.53E-01	4.50E-03	1.40E-01	7.98E-02	7.32E-01	1.06E+02	2.54E+00	6.35E-07	2.85E-07	1.19E-02	2.72E-04	1.59E+00	7.32E-01	1.09E+02	9.80E-04	1.09E+02	1.12E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
MCN363	3.82E-02	2.60E+00	6.46E-03	2.60E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.91E-03	2.10E-02	3.30E-03	1.85E+01	2.31E-08	4.15E-07	3.82E+01	1.35E+00	4.47E-03	1.45E-01	5.25E-02	6.48E-01	8.94E+01	2.17E+00	5.68E-07	2.54E-07	8.80E-03	2.50E-04	1.59E+00	7.38E-01	9.15E+01	6.34E-03	9.15E+01	9.38E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN363A	3.93E-02	3.51E+00	1.12E-02	3.59E+00	2.53E-06	0.00E+00	1.12E+03	4.50E-04	2.08E-03	2.33E-02	3.32E-03	1.85E+01	3.65E-08	4.18E-07	3.89E+01	1.29E+00	4.49E-03	1.50E-01	5.42E-02	6.65E-01	9.12E+01	2.92E+00	6.23E-07	2.58E-07	9.33E-03	2.52E-04	1.58E+00	8.60E-01	9.37E+01	6.59E-03	9.37E+01	9.61E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MCN363E	3.82E-02	2.60E+00	1.08E-02	2.59E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.90E-03	2.09E-02	3.28E-03	1.85E+01	2.26E-08	4.15E-07	3.82E+01	1.35E+00	4.44E-03	1.45E-01	5.25E-02	6.45E-01	8.93E+01	2.17E+00	5.68E-07	2.54E-07	8.78E-03	2.49E-04	1.60E+00	6.81E-01	9.15E+01	6.34E-03	9.15E+01	9.37E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN363P	4.51E-02	3.96E+00	-1.33E-03	3.94E+00	1.77E-06	0.00E+00	2.14E+03	3.46E-04	2.95E-03	3.17E-02	3.33E-03	1.75E+01	2.67E-08	4.35E-07	3.56E+01	9.18E-01	4.51E-03	1.41E-01	8.03E-02	7.63E-01	1.07E+02	3.97E+00	6.64E-07	2.85E-07	1.24E-02	2.74E-04	1.66E+00	7.83E-01	1.10E+02	1.02E-03	1.10E+02	1.14E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+00
MCN400	3.30E-02	3.28E+00	-3.02E-02	3.30E+00	2.64E-06	0.00E+00	1.62E+03	1.21E-04	2.34E-03	2.54E-02	4.07E-03	6.55E+00	3.79E-08	1.68E-07	1.02E+01	3.44E-01	5.56E-03	1.91E-01	4.63E-02	6.25E-01	1.30E+02	2.92E+00	5.38E-07	2.08E-07	1.07E-02	2.58E-04	9.94E-01	9.44E-01	1.33E+02	8.01E-03	1.33E+02	1.34E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN400E	2.13E-02	2.48E+00	-8.65E-03	2.47E+00	2.14E-06	0.00E+00	8.41E+02	1.31E-04	1.52E-03	1.55E-02	2.96E-03	5.13E+00	1.59E-08	1.44E-07	8.52E+00	3.63E-01	3.63E-03	1.60E-01	2.70E-02	4.13E-01	1.17E+02	2.71E+00	3.73E-07	1.37E-07	6.89E-03	1.78E-04	7.45E-01	5.18E-01	1.20E+02	7.39E-03	1.19E+02	1.17E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MCN401	3.30E-02	3.31E+00	-3.02E-02	3.31E+00	2.65E-06	0.00E+00	1.62E+03	1.49E-04	2.35E-03	2.53E-02	4.11E-03	9.77E+00	3.59E-08	2.13E-07	1.84E+01	4.15E-01	5.58E-03	1.91E-01	4.64E-02	6.25E-01	1.30E+02	2.93E+00	5.37E-07	2.09E-07	1.07E-02	2.58E-04	1.02E+00	9.44E-01	1.33E+02	8.02E-03	1.34E+02	1.34E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN401E	3.30E-02	3.31E+00	-2.93E-02	3.30E+00	2.65E-06	0.00E+00	1.62E+03	1.49E-04	2.34E-03	2.53E-02	4.10E-03	9.78E+00	2.54E-08	2.12E-07	1.84E+01	4.15E-01	5.58E-03	1.91E-01	4.63E-02	6.23E-01	1.30E+02	2.93E+00	5.38E-07	2.09E-07	1.07E-02	2.58E-04	9.82E-01	9.03E-01	1.33E+02	8.02E-03	1.34E+02	1.34E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN402	3.31E-02	3.30E+00	-3.03E-02	3.30E+00	2.65E-06	0.00E+00	1.62E+03	1.38E-04	2.35E-03	2.54E-02	4.11E-03	6.80E+00	2.67E-08	1.72E-07	1.18E+01	3.75E-01	5.56E-03	1.91E-01	4.64E-02	6.27E-01	1.29E+02	2.94E+00	5.39E-07	2.09E-07	1.07E-02	2.59E-04	1.00E+00	9.28E-01	1.32E+02	8.01E-03	1.33E+02	1.33E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN402E	3.31E-02	3.31E+00	-2.92E-02	3.31E+00	2.65E-06	0.00E+00	1.62E+03	1.38E-04	2.35E-03	2.54E-02	4.15E-03	6.46E+00	2.62E-08	1.72E-07	1.18E+01	3.75E-01	5.58E-03	1.91E-01	4.63E-02	6.26E-01	1.30E+02	2.94E+00	5.39E-07	2.09E-07	1.07E-02	2.59E-04	9.90E-01	9.10E-01	1.32E+02	8.02E-03	1.33E+02	1.33E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCN402P	3.61E-02	3.43E+00	-3.10E-02	3.46E+00	1.94E-06	0.00E+00	2.25E+03	1.30E-04	2.61E-03	2.78E-02	4.13E-03	1.10E+01	3.75E-08	2.07E-07	1.17E+01	2.92E-01	6.02E-03	1.78E-01	5.33E-02	7.34E-01	1.14E+02	3.91E+00	5.36E-07	2.58E-07	1.03E-02	2.90E-04	1.16E+00	9.14E-01	1.16E+02	9.27E-04	1.16E+02	1.23E+02	2.70E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
MCN403	3.20E-02	2.54E+00	-9.83E-03	2.51E+00	2.33E-06	0.00E+00	7.35E+02	1.91E-04	2.13E-03	2.24E-02	3.93E-03	1.01E+01	1.87E-08	2.30E-07	1.89E+01	5.70E-01	5.36E-03	1.70E-01	3.78E-02	5.52E-01	1.32E+02	2.66E+00	5.09E-07	2.01E-07	1.04E-02	2.34E-04	8.77E-01	6.26E-01	1.37E+02	7.76E-03	1.36E+02	1.37E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MCN403E	4.58E-02	4.50E+00	-4.90E-02	5.16E+00	3.44E-06	0.00E+00	1.68E+03	4.95E-04	3.53E-03	3.45E-02	4.89E-03	1.94E+01	5.33E-08	4.04E-07	3.12E+01	1.46E+00	7.01E-03	2.89E-01	7.55E-02	9.54E-01	1.92E+02	5.14E+00	1.60E-06	3.43E-07	1.62E-02	3.78E-04	2.55E+00	1.59E+00	2.03E+02	8.46E-03	1.95E+02	1.96E+02	5.11E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MCN404	3.31E-02	3.28E+00	-3.68E-02	3.30E+00	2.65E-06	0.00E+00	1.62E+03	1.84E-04	2.34E-03	2.54E-02	4.10E-03	1.01E+01	3.78E-08	2.29E-07	1.90E+01	5.49E-01	5.54E-03	1.91E-01	4.72E-02	6.26E-01	1.29E+02	2.93E+00	5.36E-07	2.10E-07	1.07E-02	2.58E-04	1.07E+00	9.64E-01	1.32E+02	8.02E-03	1.33E+02	1.33E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MCN404E	3.31E-02	3.31E+00	-2.91E-02	3.31E+00	2.65E-06	0.00E+00	1.62E+03	1.84E-04	2.35E-03	2.54E-02	4.15E-03	1.01E+01	2.55E-08	2.30E-07	1.89E+01	5.49E-01	5.58E-03	1.91E-01	4.72E-02	6.22E-01	1.30E+02	2.94E+00	5.39E-07	2.09E-07	1.07E-02	2.58E-04	1.02E+00	9.02E-01	1.32E+02	8.03E-03	1.33E+02	1.33E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MCN406	2.31E-02	3.15E+00	-3.94E-02	3.20E+00	2.41E-06	0.00E+00	2.53E+03	9.19E-05	2.01E-03	2.17E-02	3.46E-03	5.16E+00	3.87E-08	1.25E-07	8.70E+00	2.03E-01	4.69E-03	1.73E-01	3.36E-02	4.91E-01	1.32E+02	3.60E+00	4.99E-07	1.48E-07	8.01E-03	2.14E-04	5.89E-01	9.29E-01	1.36E+02	4.98E-04	1.36E+02	1.37E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCN406A	2.31E-02	3.17E+00	-3.96E-02	3.22E+00	2.41E-06	0.00E+00	2.50E+03	9.20E-05	2.02E-03	2.18E-02	3.46E-03	5.22E+00	3.83E-08	1.27E-07	8.75E+00	2.02E-01	4.70E-03	1.81E-01	3.37E-02	4.94E-01	1.35E+02	3.57E+00	4.98E-07	1.50E-07	8.07E-03	2.14E-04	5.82E-01	9.28E-01	1.39E+02	4.73E-04	1.39E+02	1.41E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MCN406P	3.00E-02	3.36E+00	-3.48E-02	3.40E+00	1.84E-06	0.00E+00	2.26E+03	1.14E-04	2.51E-03	2.70E-02	3.96E-03	4.73E+00	9.79E-08	1.56E-07	8.04E+00	2.51E-01	5.55E-03	1.63E-01	5.06E-02	6.41E-01	1.23E+02	3.88E+00	4.85E-07	1.92E-07	9.95E-03	2.81E-04	9.60E-01	9.04E-01	1.26E+02	9.25E-04	1.26E+02	1.32E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MCN410	2.33E-02	3.17E+00	-4.13E-02	3.21E+00	2.41E-06	0.00E+00	2.54E+03	9.75E-05	2.01E-03	2.17E-02	3.52E-03	4.55E+00	3.86E-08	1.28E-07	9.49E+00	2.07E-01	4.76E-03	1.76E-01	3.38E-02	4.91E-01	1.34E+02	3.62E+00	4.94E-07	1.50E-07	7.88E-03	2.16E-04	6.14E-01	9.36E-01	1.38E+02	4.16E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MCN410A	2.42E-02	3.20E+00	-4.62E-02	3.23E+00	2.41E-06	0.00E+00	2.51E+03	1.01E-04	2.04E-03	2.20E-02	3.60E-03	5.62E+00	3.83E-08	1.47E-07	1.20E+01	2.12E-01	4.77E-03	1.82E-01	3.43E-02	5.06E-01	1.38E+02	3.57E+00	4.97E-07	1.59E-07	8.09E-03	2.17E-04	6.29E-01	1.11E+00	1.41E+02	4.19E-04	1.41E+02	1.43E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MCN410E	2.29E-02	3.15E+00	-3.89E-02	3.19E+00	2.42E-06	0.00E+00	2.54E+03	9.75E-05	1.94E-03	2.08E-02	3.38E-03	4.40E+00	3.57E-08	1.25E-07	9.40E+00	2.06E-01	4.52E-03	1.71E-01	3.34E-02	4.82E-01	1.20E+02	3.61E+00	4.89E-07	1.46E-07	7.81E-03	2.12E-04	5.94E-01	8.90E-01	1.21E+02	4.20E-04	1.21E+02	1.20E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCN410P	2.44E-02	2.92E+00	-3.77E-02	2.95E+00	1.83E-06	0.00E+00	2.23E+03	1.49E-04	2.34E-03	2.50E-02	3.25E-03	7.16E+00	4.05E-08	1.70E-07	1.48E+01	3.17E-01	4.49E-03	1.41E-01	4.32E-02	6.00E-01	1.07E+02	3.31E+00	4.65E-07	1.62E-07	9.37E-03	2.25E-04	7.94E-01	8.98E-01	1.09E+02	4.18E-04	1.10E+02	1.11E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN413	2.39E-02	3.18E+00	-3.72E-02	3.22E+00	2.42E-06	0.00E+00	2.55E+03	9.75E-05	1.95E-03	2.09E-02	3.52E-03	4.76E+00	2.57E-08	1.30E-07	1.00E+01	2.07E-01	4.76E-03	1.76E-01	3.52E-02	4.94E-01	1.34E+02	3.62E+00	4.96E-07	1.51E-07	7.90E-03	2.17E-04	6.25E-01	9.07E-01	1.38E+02	4.14E-04	1.38E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCN413E	2.38E-02	3.18E+00	-3.71E-02	3.22E+00	2.42E-06	0.00E+00	2.55E+03	9.75E-05	1.95E-03	2.09E-02	3.52E-03	4.76E+00	2.52E-08	1.30E-07	9.95E+00	2.06E-01	4.76E-03	1.76E-01	3.51E-02	4.94E-01	1.34E+02	3.62E+00	4.96E-07	1.51E-07	7.90E-03	2.17E-04	6.25E-01	8.26E-01	1.38E+02	4.14E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCN416	2.35E-02	2.50E+00	-2.85E-02	2.50E+00	2.41E-06	0.00E+00	2.28E+03	9.34E-05	1.89E-03	2.02E-02	3.49E-03	5.07E+00	2.31E-08	1.33E-07	1.08E+01	1.99E-01	4.72E-03	1.77E-01	3.49E-02	4.92E-01	1.34E+02	2.56E+00	4.92E-07	1.49E-07	7.79E-03	2.08E-04	5.95E-01	7.45E-01	1.38E+02	4.18E-04	1.38E+02	1.40E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN416A	2.47E-02	3.24E+00	-3.75E-02	3.28E+00	2.42E-06	0.00E+00	2.51E+03	1.01E-04	1.98E-03	2.14E-02	3.55E-03	5.93E+00	2.64E-08	1.49E-07	1.29E+01	2.12E-01	4.79E-03	1.82E-01	3.61E-02	5.06E-01	1.38E+02	3.56E+00	5.00E-07	1.60E-07	8.12E-03	2.18E-04	6.43E-01	9.10E-01	1.42E+02	4.14E-04	1.41E+02	1.43E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MCN416E	2.35E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.93E-03	2.08E-02	3.49E-03	5.04E+00	2.67E-08	1.34E-07	1.07E+01	2.06E-01	4.73E-03	1.76E-01	3.44E-02	4.93E-01	1.34E+02	3.60E+00	4.97E-07	1.50E-07	7.81E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN416P	2.53E-02	2.88E+00	-3.57E-02	2.89E+00	1.85E-06	0.00E+00	2.12E+03	1.81E-04	2.36E-03	2.59E-02	3.24E-03	7.71E+00	4.05E-08	2.01E-07	1.54E+01	3.40E-01	4.48E-03	1.31E-01	4.59E-02	6.02E-01	1.06E+02	3.36E+00	4.54E-07	1.72E-07	9.65E-03	2.28E-04	8.39E-01	8.98E-01	1.08E+02	4.49E-04	1.09E+02	1.11E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MCN420	2.41E-02	2.45E+00	-2.38E-02	2.43E+00	2.29E-06	0.00E+00	1.96E+03	9.25E-05	1.83E-03	1.94E-02	3.54E-03	5.40E+00	1.86E-08	1.38E-07	1.15E+01	2.00E-01	4.80E-03	1.76E-01	3.58E-02	5.00E-01	1.33E+02	2.86E+00	4.94E-07	1.51E-07	7.87E-03	2.09E-04	6.36E-01	6.41E-01	1.38E+02	4.26E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCN420A	2.66E-02	2.51E+00	-2.52E-02	2.51E+00	2.35E-06	0.00E+00	2.26E+03	9.80E-05	1.95E-03	2.09E-02	3.64E-03	6.51E+00	2.38E-08	1.56E-07	1.32E+01	2.07E-01	4.92E-03	1.82E-01	3.79E-02	5.12E-01	1.38E+02	2.52E+00	4.98E-07	1.73E-07	8.26E-03	2.10E-04	6.45E-01	6.73E-01	1.42E+02	5.36E-04	1.42E+02	1.43E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MCN420E	2.49E-02	3.20E+00	-3.42E-02	3.24E+00	2.41E-06	0.00E+00	2.55E+03	9.88E-05	1.97E-03	2.12E-02	3.55E-03	5.84E+00	2.80E-08	1.49E-07	1.24E+01	2.06E-01	4.81E-03	1.76E-01	3.60E-02	5.12E-01	1.34E+02	3.62E+00	5.02E-07	1.59E-07	8.02E-03	2.19E-04	6.59E-01	8.26E-01	1.38E+02	4.17E-04	1.38E+02	1.40E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MCN420P	3.31E-02	3.42E+00	-2.75E-02	3.47E+00	1.78E-06	0.00E+00	2.26E+03	2.02E-04	2.79E-03	2.94E-02	4.08E-03	1.06E+01	4.67E-07	2.40E-07	1.90E+01	4.47E-01	5.65E-03	1.78E-01	5.71E-02	6.57E-01	1.19E+02	3.90E+00	5.54E-07	2.13E-07	1.03E-02	2.80E-04	1.22E+00	9.06E-01	1.20E+02	8.60E-04	1.20E+02	1.25E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MCN425	2.74E-02	2.46E+00	-2.71E-02	2.44E+00	2.31E-06	0.00E+00	2.30E+03	1.24E-04	1.95E-03	2.09E-02	3.65E-03	7.54E+00	2.20E-08	1.82E-07	1.61E+01	2.95E-01	4.95E-03	1.77E-01	3.95E-02	5.14E-01	1.34E+02	2.90E+00	5.03E-07	1.73E-07	8.27E-03	2.10E-04	6.59E-01	6.43E-01	1.38E+02	5.69E-04	1.38E+02	1.39E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MCN425A	2.81E-02	2.48E+00	-2.63E-02	2.46E+00	2.29E-06	0.00E+00	1.09E+03	1.25E-04	1.93E-03	2.06E-02	3.72E-03	7.58E+00	1.88E-08	1.88E-07	1.60E+01	3.02E-01	5.07E-03	1.79E-01	3.98E-02	5.20E-01	1.37E+02	2.82E+00	5.03E-07	1.83E-07	9.14E-03	2.12E-04	7.33E-01	6.40E-01	1.41E+02	6.56E-04	1.41E+02	1.42E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MCN425E	2.70E-02	3.25E+00	-3.29E-02	3.28E+00	2.41E-06	0.00E+00	2.57E+03	9.90E-05	2.02E-03	2.17E-02	3.66E-03	7.24E+00	2.94E-08	1.74E-07	1.54E+01	2.06E-01	4.95E-03	1.77E-01	3.84E-02	5.12E-01	1.35E+02	3.64E+00	5.10E-07	1.71E-07	8.31E-03	2.18E-04	6.15E-01	8.36E-01	1.38E+02	5.54E-04	1.38E+02	1.40E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MCN425P	3.76E-02	3.52E+00	-2.11E-02	3.56E+00	1.85E-06	0.00E+00	2.25E+03	4.65E-04	2.77E-03	2.92E-02	4.08E-03	1.37E+01	4.68E-07	3.51E-07	2.40E+01	1.23E+00	5.64E-03	1.78E-01	6.83E-02	6.74E-01	1.19E+02	3.93E+00	5.61E-07	2.34E-07	1.03E-02	2.80E-04	1.42E+00	9.12E-01	1.20E+02	8.69E-04	1.20E+02	1.25E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+00
MCN432	5.06E-02	3.64E+00	-4.73E-03	3.68E+00	2.77E-06	0.00E+00	2.40E+03	5.18E-04	2.88E-03	3.01E-02	4.43E-03	1.95E+01	4.32E-08	4.65E-07	4.21E+01	1.47E+00	5.79E-03	1.88E-01	6.76E-02	6.81E-01	1.19E+02	2.97E+00	7.81E-07	2.93E-07	1.21E-02	3.18E-04	1.68E+00	1.31E+00	1.28E+02	6.32E-03	1.28E+02	1.41E+02	2.67E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
MCN432A	3.81E-02	3.33E+00	-1.48E-02	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.72E-04	2.32E-03	2.51E-02	4.22E-03	1.39E+01	6.38E-07	3.78E-07	2.95E+01	1.49E+00	5.71E-03	1.97E-01	5.34E-02	6.90E-01	1.25E+02	2.96E+00	5.92E-07	2.38E-07	1.02E-02	2.61E-04	1.46E+00	9.62E-01	1.27E+02	7.94E-03	1.28E+02	1.30E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MCN432E	3.81E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.28E-03	2.47E-02	4.13E-03	1.39E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.34E-02	6.88E-01	1.21E+02	2.92E+00	5.84E-07	2.41E-07	1.01E-02	2.60E-04	1.47E+00	8.84E-01	1.23E+02	7.68E-03	1.23E+02	1.26E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MCN432P	4.48E-02	3.66E+00	-1.68E-02	3.66E+00	1.85E-06	0.00E+00	2.24E+03	5.28E-04	2.73E-03	2.92E-02	4.16E-03	2.01E+01	4.79E-07	4.62E-07	3.13E+01	1.39E+00	5.92E-03	1.78E-01	7.25E-02	7.66E-01	1.14E+02	4.02E+00	6.27E-07	2.84E-07	1.06E-02	2.92E-04	1.95E+00	9.12E-01	1.16E+02	9.16E-04	1.17E+02	1.22E+02	2.75E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MCN440	5.08E-02	3.76E+00	1.32E-02	3.79E+00	2.77E-06	0.00E+00	2.08E+03	5.21E-04	2.93E-03	3.04E-02	4.36E-03	1.98E+01	4.45E-08	4.66E-07	4.38E+01	1.49E+00	5.78E-03	1.86E-01	6.85E-02	6.83E-01	1.18E+02	2.96E+00	7.84E-07	2.94E-07	1.21E-02	3.18E-04	1.65E+00	9.88E-01	1.27E+02	6.46E-03	1.26E+02	1.39E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
MCN440A	3.83E-02	3.37E+00	-1.52E-02	3.39E+00	2.74E-06	0.00E+00	1.42E+03	5.79E-04	2.35E-03	2.54E-02	4.23E-03	1.40E+01	6.39E-07	3.80E-07	3.07E+01	1.51E+00	5.71E-03	1.97E-01	5.40E-02	6.93E-01	1.25E+02	2.97E+00	6.80E-07	2.40E-07	1.03E-02	2.63E-04	1.49E+00	9.65E-01	1.28E+02	7.83E-03	1.28E+02	1.30E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MCN440E	3.83E-02	3.31E+00	-8.92E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.30E-03	2.50E-02	4.13E-03	1.40E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.62E-04	1.47E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN440P	3.94E-02	3.75E+00	-1.67E-02	3.77E+00	1.78E-06	0.00E+00	2.23E+03	5.49E-04	2.72E-03	2.93E-02	4.08E-03	1.41E+01	4.78E-07	3.67E-07	2.82E+01	1.47E+00	5.66E-03	1.77E-01	7.19E-02	7.32E-01	1.14E+02	4.03E+00	6.25E-07	2.45E-07	1.06E-02	2.89E-04	1.49E+00	8.92E-01	1.18E+02	1.02E-03	1.17E+02	1.22E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
MCN450	4.99E-02	3.50E+00	1.36E-02	3.47E+00	2.68E-06	0.00E+00	1.40E+03	5.90E-04	2.57E-03	2.82E-02	4.48E-03	2.39E+01	3.80E-08	5.40E-07	4.88E+01	1.75E+00	6.02E-03	1.93E-01	6.93E-02	8.16E-01	1.19E+02	2.92E+00	7.40E-07	3.27E-07	1.18E-02	3.25E-04	2.08E+00	1.29E+00	1.22E+02	8.68E-03	1.22E+02	1.25E+02	3.18E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MCN450A	5.01E-02	3.52E+00	1.36E-02	3.51E+00	2.69E-06	0.00E+00	1.40E+03	6.16E-04	2.57E-03	2.82E-02	4.50E-03	2.40E+01	3.81E-08	5.48E-07	4.91E+01	1.79E+00	6.02E-03	1.99E-01	6.96E-02	8.04E-01	1.23E+02	2.95E+00	7.53E-07	3.25E-07	1.18E-02	3.26E-04	2.06E+00	1.13E+00	1.26E+02	8.70E-03	1.26E+02	1.28E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MCN450E	4.89E-02	3.49E+00	1.36E-02	3.47E+00	2.69E-06	0.00E+00	1.40E+03	6.15E-04	2.57E-03	2.81E-02	4.40E-03	2.37E+01	3.75E-08	5.38E-07	4.85E+01	1.79E+00	5.97E-03	1.93E-01	6.91E-02	8.15E-01	1.20E+02	2.91E+00	7.38E-07	3.22E-07	1.17E-02	3.22E-04	2.04E+00	9.47E-01	1.23E+02	8.48E-03	1.23E+02	1.26E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MCN450P	4.81E-02	3.79E+00	-1.05E-03	3.79E+00	1.83E-06	0.00E+00	2.17E+03	5.50E-04	2.91E-03	3.10E-02	4.15E-03	2.29E+01	3.83E-08	5.34E-07	4.37E+01	1.50E+00	6.05E-03	1.78E-01	8.24E-02	7.96E-01	1.13E+02	4.04E+00	6.68E-07	3.12E-07	1.12E-02	3.03E-04	2.06E+00	9.09E-01	1.17E+02	1.37E-03	1.17E+02	1.21E+02	2.89E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+00
MCN463	4.96E-02	3.50E+00	1.33E-02	3.48E+00	2.69E-06	0.00E+00	1.40E+03	6.15E-04	2.57E-03	2.81E-02	4.46E-03	2.41E+01	3.81E-08	5.43E-07	4.89E+01	1.79E+00	6.03E-03	1.93E-01	6.95E-02	8.44E-01	1.21E+02	2.92E+00	7.44E-07	3.26E-07	1.18E-02	3.20E-04	2.07E+00	9.65E-01	1.23E+02	8.69E-03	1.24E+02	1.26E+02	3.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00
MCN463A	5.08E-02	3.54E+00	1.33E-02	3.53E+00	2.69E-06	0.00E+00	1.40E+03	6.17E-04	2.58E-03	2.83E-02	4.54E-03	2.43E+01	3.82E-08	5.53E-07	4.96E+01	1.79E+00	6.06E-03	2.00E-01	6.99E-02	8.61E-01	1.23E+02	2.95E+00	7.56E-07	3.34E-07	1.19E-02	3.24E-04	2.09E+00	1.03E+00	1.26E+02	8.71E-03	1.26E+02	1.29E+02	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MCN463E	5.07E-02	3.50E+00	1.33E-02	3.48E+00	2.69E-06	0.00E+00	1.40E+03	6.15E-04	2.57E-03	2.82E-02	4.46E-03	2.43E+01	3.76E-08	5.50E-07	4.92E+01	1.79E+00	6.05E-03	1.94E-01	6.95E-02	8.62E-01	1.21E+02	2.92E+00	7.43E-07	3.34E-07	1.18E-02	3.23E-04	2.09E+00	9.54E-01	1.24E+02	8.75E-03	1.24E+02	1.26E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00
MCN463P	4.81E-02	3.86E+00	-9.21E-04	3.85E+00	1.85E-06	0.00E+00	2.18E+03	5.50E-04	2.91E-03	3.10E-02	4.17E-03	2.30E+01	3.67E-08	5.34E-07	4.39E+01	1.50E+00	6.08E-03	1.78E-01	8.22E-02	8.23E-01	1.12E+02	4.04E+00	6.69E-07	3.14E-07	1.13E-02	3.01E-04	2.08E+00	9.14E-01	1.17E+02	1.38E-03	1.17E+02	1.21E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+00

MCN500	2.01E-02	1.93E+00	-7.96E-03	1.93E+00	1.61E-06	0.00E+00	1.12E+03	8.00E-05	1.23E-03	1.26E-02	2.08E-03	3.73E+00	3.27E-08	1.13E-07	6.92E+00	2.30E-01	2.73E-03	9.24E-02	3.24E-02	3.13E-01	6.64E+01	1.82E+00	2.73E-07	1.35E-07	5.98E-03	1.54E-04	7.96E-01	2.89E-01	6.89E+01	3.81E-03	6.83E+01	6.85E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MCN501	1.71E-02	1.84E+00	-1.56E-02	1.84E+00	1.58E-06	0.00E+00	9.90E+02	6.98E-05	1.12E-03	1.20E-02	2.06E-03	2.86E+00	1.49E-08	8.89E-08	6.26E+00	2.32E-01	2.83E-03	9.60E-02	2.48E-02	3.33E-01	6.66E+01	1.87E+00	2.98E-07	1.10E-07	5.13E-03	1.31E-04	5.16E-01	4.49E-01	6.89E+01	3.80E-03	6.89E+01	7.06E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
MCN502	1.72E-02	1.88E+00	-1.84E-02	1.89E+00	1.64E-06	0.00E+00	1.12E+03	7.03E-05	1.38E-03	1.49E-02	2.08E-03	2.88E+00	1.92E-08	8.99E-08	6.26E+00	2.38E-01	2.87E-03	9.64E-02	2.51E-02	3.29E-01	6.61E+01	2.09E+00	3.06E-07	1.11E-07	5.18E-03	1.33E-04	5.23E-01	4.87E-01	6.84E+01	3.88E-03	6.84E+01	7.07E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCN503	1.73E-02	1.88E+00	-2.84E-02	1.90E+00	1.64E-06	0.00E+00	1.19E+03	1.39E-04	1.43E-03	1.54E-02	2.03E-03	3.67E+00	2.24E-08	1.26E-07	7.52E+00	3.79E-01	2.84E-03	9.85E-02	2.52E-02	3.36E-01	6.61E+01	2.17E+00	3.03E-07	1.11E-07	5.19E-03	1.31E-04	8.25E-01	6.46E-01	6.85E+01	3.88E-03	6.86E+01	7.08E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCN504	1.72E-02	1.88E+00	-2.85E-02	1.90E+00	1.64E-06	0.00E+00	1.19E+03	9.37E-05	1.42E-03	1.53E-02	2.03E-03	3.52E+00	2.14E-08	1.23E-07	7.43E+00	2.60E-01	2.84E-03	9.86E-02	2.52E-02	3.28E-01	6.73E+01	2.16E+00	3.02E-07	1.09E-07	5.08E-03	1.28E-04	8.23E-01	6.46E-01	6.90E+01	3.88E-03	6.91E+01	7.09E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCN506	1.12E-02	1.63E+00	-2.41E-02	1.67E+00	1.61E-06	0.00E+00	1.52E+03	5.44E-05	1.34E-03	1.42E-02	1.72E-03	2.67E+00	1.83E-08	6.23E-08	5.40E+00	1.15E-01	2.33E-03	8.87E-02	1.56E-02	2.31E-01	6.70E+01	2.14E+00	2.45E-07	6.95E-08	3.85E-03	1.06E-04	2.87E-01	5.39E-01	6.88E+01	2.20E-04	6.89E+01	6.97E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-01
MCN506E	1.11E-02	1.58E+00	-1.98E-02	1.60E+00	1.52E-06	0.00E+00	1.28E+03	5.31E-05	9.55E-04	1.02E-02	1.73E-03	2.60E+00	1.40E-08	6.12E-08	5.30E+00	1.13E-01	2.33E-03	8.81E-02	1.57E-02	2.31E-01	6.67E+01	1.81E+00	2.46E-07	6.90E-08	3.82E-03	1.05E-04	2.81E-01	4.08E-01	6.85E+01	2.17E-04	6.85E+01	6.93E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	6.87E-01
MCN508E	1.15E-02	1.56E+00	-1.59E-02	1.57E+00	1.45E-06	0.00E+00	1.26E+03	5.57E-05	9.66E-04	1.03E-02	1.72E-03	2.48E+00	1.49E-08	6.76E-08	5.60E+00	1.10E-01	2.35E-03	8.80E-02	1.68E-02	2.44E-01	6.70E+01	1.59E+00	2.48E-07	7.57E-08	3.88E-03	1.07E-04	3.16E-01	2.81E-01	6.88E+01	2.02E-04	6.84E+01	6.88E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	7.20E-01
MCN510	1.13E-02	1.67E+00	-2.41E-02	1.67E+00	1.59E-06	0.00E+00	1.52E+03	5.40E-05	1.35E-03	1.42E-02	1.72E-03	2.39E+00	1.85E-08	6.53E-08	5.35E+00	1.08E-01	2.34E-03	8.88E-02	1.63E-02	2.33E-01	6.73E+01	2.14E+00	2.48E-07	7.17E-08	3.85E-03	1.08E-04	3.16E-01	5.41E-01	6.90E+01	2.07E-04	6.90E+01	7.00E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-01
MCN510E	1.10E-02	1.58E+00	-1.81E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.54E-04	1.02E-02	1.72E-03	2.16E+00	1.22E-08	5.96E-08	4.59E+00	1.03E-01	2.33E-03	8.80E-02	1.63E-02	2.29E-01	6.70E+01	1.80E+00	2.46E-07	7.00E-08	3.81E-03	1.07E-04	3.08E-01	4.08E-01	6.88E+01	1.98E-04	6.88E+01	6.95E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MCN513	9.56E-03	1.16E+00	-1.53E-02	1.22E+00	1.45E-06	0.00E+00	1.11E+03	6.70E-05	7.29E-04	7.79E-03	1.59E-03	3.41E+00	1.25E-08	8.17E-08	6.48E+00	1.36E-01	2.17E-03	6.17E-02	1.50E-02	1.55E-01	4.90E+01	1.41E+00	1.30E-07	6.19E-08	3.29E-03	6.35E-05	2.60E-01	2.49E-01	5.09E+01	2.02E-04	5.08E+01	5.12E+01	6.42E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-01
MCN513E	1.17E-02	1.59E+00	-1.66E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	5.29E-05	9.71E-04	1.04E-02	1.72E-03	2.53E+00	2.04E-08	6.98E-08	5.50E+00	1.09E-01	2.36E-03	8.82E-02	1.72E-02	2.46E-01	6.70E+01	1.80E+00	2.49E-07	7.65E-08	3.90E-03	1.08E-04	3.15E-01	3.95E-01	6.88E+01	2.03E-04	6.84E+01	6.90E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	7.41E-01
MCN516	1.18E-02	1.59E+00	-1.59E-02	1.60E+00	1.49E-06	0.00E+00	1.26E+03	5.21E-05	9.68E-04	1.04E-02	1.71E-03	2.66E+00	1.47E-08	7.02E-08	5.58E+00	1.08E-01	2.34E-03	8.82E-02	1.76E-02	2.34E-01	6.72E+01	1.81E+00	2.48E-07	7.45E-08	3.90E-03	1.07E-04	3.20E-01	3.40E-01	6.89E+01	2.07E-04	6.85E+01	6.89E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	7.42E-01
MCN516E	1.15E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.63E-04	1.03E-02	1.75E-03	2.50E+00	1.23E-08	6.56E-08	5.33E+00	1.03E-01	2.36E-03	8.80E-02	1.68E-02	2.30E-01	6.71E+01	1.80E+00	2.48E-07	7.28E-08	3.88E-03	1.08E-04	3.17E-01	4.10E-01	6.89E+01	2.02E-04	6.89E+01	6.97E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MCN520	1.28E-02	1.58E+00	-1.28E-02	1.61E+00	1.50E-06	0.00E+00	1.27E+03	9.21E-05	9.63E-04	1.02E-02	1.72E-03	3.80E+00	1.66E-07	9.28E-08	8.40E+00	1.91E-01	2.36E-03	8.82E-02	1.93E-02	2.32E-01	6.62E+01	1.60E+00	2.52E-07	8.26E-08	3.91E-03	1.09E-04	3.70E-01	2.43E-01	6.76E+01	2.46E-04	6.73E+01	6.81E+01	7.64E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MCN520E	1.35E-02	1.59E+00	-1.47E-02	1.61E+00	1.54E-06	0.00E+00	1.28E+03	9.99E-05	1.01E-03	1.09E-02	1.78E-03	3.91E+00	1.66E-07	9.49E-08	8.51E+00	2.12E-01	2.41E-03	8.85E-02	1.91E-02	2.63E-01	6.41E+01	1.81E+00	2.56E-07	8.63E-08	4.11E-03	1.11E-04	4.42E-01	4.13E-01	6.59E+01	2.21E-04	6.59E+01	6.68E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MCN525	1.36E-02	1.58E+00	-1.19E-02	1.61E+00	1.50E-06	0.00E+00	1.27E+03	9.78E-05	1.01E-03	1.07E-02	1.76E-03	4.61E+00	1.64E-07	1.07E-07	1.01E+01	2.16E-01	2.40E-03	8.84E-02	1.98E-02	2.43E-01	6.45E+01	1.60E+00	2.58E-07	8.88E-08	4.08E-03	1.09E-04	4.11E-01	2.43E-01	6.61E+01	2.90E-04	6.58E+01	6.71E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-01
MCN525E	1.45E-02	1.61E+00	-1.40E-02	1.62E+00	1.57E-06	0.00E+00	1.29E+03	1.00E-04	1.03E-03	1.11E-02	1.83E-03	4.61E+00	1.66E-07	1.07E-07	9.99E+00	2.12E-01	2.48E-03	8.88E-02	2.02E-02	2.59E-01	6.41E+01	1.82E+00	2.61E-07	9.20E-08	4.24E-03	1.11E-04	4.15E-01	4.19E-01	6.59E+01	2.69E-04	6.59E+01	6.68E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MCN532	2.33E-02	2.02E+00	-6.37E-03	2.08E+00	1.85E-06	0.00E+00	1.57E+03	2.73E-04	1.56E-03	1.72E-02	2.20E-03	9.26E+00	2.86E-08	2.52E-07	1.95E+01	6.07E-01	2.85E-03	1.07E-01	3.68E-02	3.45E-01	6.54E+01	2.34E+00	5.20E-07	1.53E-07	5.82E-03	1.62E-04	1.09E+00	5.67E-01	6.84E+01	3.97E-03	6.85E+01	7.02E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCN532E	1.86E-02	1.63E+00	-4.67E-03	1.63E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.13E-03	1.23E-02	2.06E-03	6.95E+00	3.17E-07	1.87E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.60E-02	3.18E-01	6.04E+01	1.46E+00	2.92E-07	1.18E-07	4.98E-03	1.30E-04	7.39E-01	4.42E-01	6.19E+01	3.84E-03	6.19E+01	6.31E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN540	2.46E-02	2.02E+00	4.54E-03	2.06E+00	1.80E-06	0.00E+00	1.40E+03	2.80E-04	1.57E-03	1.74E-02	2.21E-03	1.11E+01	4.02E-08	2.63E-07	2.41E+01	6.49E-01	2.86E-03	1.07E-01	4.23E-02	3.41E-01	6.50E+01	2.36E+00	5.81E-07	1.64E-07	5.81E-03	1.62E-04	1.12E+00	5.66E-01	6.76E+01	4.04E-03	6.78E+01	7.01E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MCN540E	1.91E-02	1.65E+00	-4.47E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.98E+00	3.19E-07	1.90E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.41E-01	4.42E-01	6.22E+01	3.76E-03	6.22E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN550	2.45E-02	1.87E+00	4.42E-03	1.86E+00	1.68E-06	0.00E+00	1.02E+03	2.45E-04	1.29E-03	1.37E-02	2.17E-03	9.89E+00	2.17E-08	2.43E-07	2.14E+01	6.32E-01	2.84E-03	9.38E-02	3.60E-02	3.47E-01	6.35E+01	1.43E+00	3.56E-07	1.60E-07	5.75E-03	1.60E-04	9.97E-01	2.84E-01	6.52E+01	3.97E-03	6.49E+01	6.43E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MCN550E	2.50E-02	1.71E+00	6.39E-03	1.70E+00	1.60E-06	0.00E+00	6.93E+02	2.94E-04	1.25E-03	1.33E-02	2.13E-03	1.19E+01	1.35E-08	2.67E-07	2.48E+01	8.43E-01	2.92E-03	9.75E-02	3.53E-02	4.00E-01	5.97E+01	1.31E+00	3.72E-07	1.62E-07	5.81E-03	1.64E-04	9.97E-01	2.55E-01	6.13E+01	3.86E-03	6.10E+01	6.20E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN563	3.52E-02	1.86E+00	5.02E-03	1.87E+00	1.68E-06	0.00E+00	1.02E+03	3.42E-04	1.29E-03	1.38E-02	2.17E-03	1.67E+01	2.29E-08	4.09E-07	3.60E+01	1.08E+00	2.84E-03	9.45E-02	4.01E-02	3.46E-01	6.35E+01	1.46E+00	3.76E-07	1.98E-07	5.75E-03	1.62E-04	1.44E+00	2.85E-01	6.52E+01	3.95E-03	6.48E+01	6.43E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MCN563E	3.51E-02	1.86E+00	5.02E-03	1.86E+00	1.62E-06	0.00E+00	1.02E+03	3.42E-04	1.29E-03	1.38E-02	2.17E-03	1.66E+01	2.29E-08	4.08E-07	3.60E+01	1.08E+00	2.84E-03	9.45E-02	4.03E-02	3.46E-01	6.35E+01	1.46E+00	3.76E-07	1.98E-07	5.75E-03	1.62E-04	1.44E+00	2.84E-01	6.52E+01	3.95E-03	6.48E+01	6.43E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MCN600	3.29E-02	3.23E+00	-4.97E-02	3.28E+00	2.56E-06	0.00E+00	1.65E+03	1.18E-04	2.23E-03	2.43E-02	3.90E-03	5.93E+00	5.29E-08	1.62E-07	1.00E+01	2.96E-01	5.58E-03	1.91E-01	4.61E-02	6.28E-01	1.27E+02	2.93E+00	5.51E-07	2.10E-07	1.01E-02	2.57E-04	1.00E+00	1.57E+00	1.30E+02	8.16E-03	1.31E+02	1.32E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MCN601	3.29E-02	3.24E+00	-2.43E-02	3.26E+00	2.57E-06	0.00E+00	1.57E+03	1.34E-04	2.20E-03	2.37E-02	4.07E-03	5.94E+00	2.42E-08	1.63E-07	9.98E+00	3.79E-01	5.58E-03	1.94E-01	4.61E-02	6.19E-01	1.29E+02	2.88E+00	5.39E-07	2.10E-07	1.01E-02	2.58E-04	9.64E-01	7.82E-01	1.32E+02	8.14E-03	1.32E+02	1.34E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN602	3.28E-02	3.26E+00	-2.97E-02	3.29E+00	2.57E-06	0.00E+00	1.65E+03	1.46E-04	2.24E-03	2.43E-02	4.12E-03	6.00E+00	2.58E-08	1.67E-07	1.03E+01	3.83E-01	5.62E-03	1.91E-01	4.61E-02	6.27E-01	1.29E+02	2.94E+00	5.49E-07	2.11E-07	1.01E-02	2.60E-04	9.70E-01	9.19E-01	1.31E+02	8.20E-03	1.32E+02	1.33E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN603	3.17E-02	3.24E+00	-3.12E-02	3.28E+00	2.41E-06	0.00E+00	1.64E+03	1.94E-04	2.23E-03	2.43E-02	4.05E-03	1.00E+01	3.77E-08	2.13E-07	1.89E+01	5.32E-01	5.56E-03	1.72E-01	3.96E-02	6.25E-01	1.32E+02	2.94E+00	5.21E-07	2.04E-07	1.00E-02	2.60E-04	1.01E+00	9.37E-01	1.35E+02	8.20E-03	1.35E+02	1.37E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN604	3.27E-02	3.24E+00	-3.83E-02	3.29E+00	2.57E-06	0.00E+00	1.64E+03	1.69E-04	2.24E-03	2.43E-02	4.21E-03	9.98E+00	3.78E-08	2.11E-07	1.88E+01	4.45E-01	5.64E-03	1.91E-01	4.62E-02	6.26E-01	1.30E+02	2.94E+00	5.46E-07	2.11E-07	1.01E-02	2.59E-04	1.03E+00	1.12E+00	1.31E+02	8.16E-03	1.32E+02	1.34E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCN606	2.28E-02	3.14E+00	-3.97E-02	3.19E+00	2.43E-06	0.00E+00	2.54E+03	9.44E-05	1.93E-03	2.06E-02	3.38E-03	4.78E+00	3.58E-08	1.24E-07	8.96E+00	1.93E-01	4.53E-03	1.71E-01	3.32E-02	4.71E-01	1.22E+02	3.60E+00	4.91E-07	1.44E-07	7.77E-03	2.11E-04	5.79E-01	9.27E-01	1.24E+02	4.80E-04	1.24E+02	1.24E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN606E	2.28E-02	2.44E+00	-2.63E-02	2.42E+00	2.27E-06	0.00E+00	1.22E+03	9.04E-05	1.81E-03	1.90E-02	3.47E-03	4.25E+00	1.74E-08	1.20E-07	8.82E+00	1.93E-01	4.69E-03	1.76E-01	3.36E-02	4.72E-01	1.33E+02	2.85E+00	4.88E-07	1.43E-07	7.74E-03	2.06E-04	5.48E-01	6.25E-01	1.37E+02	4.82E-04	1.37E+02	1.38E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN610	2.29E-02	3.15E+00	-4.00E-02	3.20E+00	2.41E-06	0.00E+00	2.54E+03	9.63E-05	1.93E-03	2.07E-02	3.46E-03	4.61E+00	3.87E-08	1.24E-07	9.97E+00	2.06E-01	4.68E-03	1.76E-01	3.32E-02	4.81E-01	1.34E+02	3.62E+00	4.92E-07	1.45E-07	7.76E-03	2.13E-04	6.06E-01	9.27E-01	1.37E+02	4.22E-04	1.37E+02	1.39E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN610E	2.24E-02	3.16E+00	-3.61E-02	3.19E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.91E-03	2.05E-02	3.45E-03	4.35E+00	2.55E-08	1.20E-07	9.20E+00	2.06E-01	4.66E-03	1.76E-01	3.29E-02	4.73E-01	1.34E+02	3.60E+00	4.92E-07	1.42E-07	7.67E-03	2.14E-04	6.15E-01	8.15E-01	1.37E+02	4.02E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN613	2.35E-02	3.18E+00	-4.10E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.94E-03	2.09E-02	3.53E-03	5.03E+00	2.72E-08	1.33E-07	1.07E+01	2.06E-01	4.78E-03	1.76E-01	3.43E-02	4.92E-01	1.34E+02	3.61E+00	4.97E-07	1.49E-07	7.84E-03	2.18E-04	6.19E-01	8.96E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MCN613E	2.34E-02	2.45E+00	-1.89E-02	2.43E+00	2.28E-06	0.00E+00	1.18E+03	9.60E-05	1.82E-03	1.91E-02	3.48E-03	4.91E+00	2.40E-08	1.29E-07	1.04E+01	2.10E-01	4.71E-03	1.76E-01	3.40E-02	4.81E-01	1.33E+02	2.85E+00	4.92E-07	1.48E-07	7.80E-03	2.09E-04	5.88E-01	5.87E-01	1.37E+02	4.23E-04	1.37E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MCN616	2.33E-02	3.18E+00	-4.10E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.94E-03	2.08E-02	3.53E-03	5.02E+00	2.64E-08	1.32E-07	1.07E+01	2.06E-01	4.77E-03	1.76E-01	3.40E-02	4.79E-01	1.34E+02	3.61E+00	4.97E-07	1.48E-07	7.82E-03	2.18E-04	6.16E-01	8.95E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN616E	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.93E-03	2.07E-02	3.49E-03	5.02E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.73E-03	1.76E-01	3.40E-02	4.76E-01	1.34E+02	3.60E+00	4.97E-07	1.48E-07	7.79E-03	2.16E-04	6.33E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN620	2.60E-02	3.19E+00	-3.75E-02	3.23E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	2.00E-03	2.16E-02	3.59E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.86E-03	1.77E-01	3.71E-02	5.21E-01	1.31E+02	3.62E+00	5.08E-07	1.66E-07	8.15E-03	2.22E-04	7.55E-01	9.01E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN620E	2.60E-02	3.19E+00	-3.18E-02	3.22E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	1.99E-03	2.15E-02	3.55E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.81E-03	1.77E-01	3.71E-02	5.18E-01	1.31E+02	3.62E+00	5.08E-07	1.65E-07	8.13E-03	2.21E-04	7.71E-01	8.26E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN625	2.81E-02	3.24E+00	-3.62E-02	3.27E+00	2.45E-06	0.00E+00	2.57E+03	1.50E-04	2.05E-03	2.21E-02	3.69E-03	8.23E+00	1.82E-07	1.94E-07	1.77E+01	3.14E-01	5.00E-03	1.77E-01	3.95E-02	5.17E-01	1.32E+02	3.64E+00	5.16E-07	1.78E-07	8.43E-03	2.21E-04	7.06E-01	9.12E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MCN625E	2.81E-02	3.24E+00	-3.05E-02	3.27E+00	2.45E-06	0.00E+00	2.57E+03	1.49E-04	2.03E-03	2.20E-02	3.66E-03	8.23E+00	1.81E-07	1.94E-07	1.77E+01	3.14E-01	4.96E-03	1.77E-01	3.94E-02	5.14E-01	1.31E+02	3.64E+00	5.16E-07	1.78E-07	8.41E-03	2.20E-04	7.22E-01	8.37E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MCN632	3.77E-02	3.26E+00	-1.51E-02	3.28E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.28E-03	2.47E-02	4.16E-03	1.39E+01	6.37E-07	3.77E-07	2.99E+01	1.51E+00	5.63E-03	1.91E-01	5.27E-02	6.65E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.01E-02	2.62E-04	1.46E+00	9.59E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN632E	3.77E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.27E-03	2.46E-02	4.13E-03	1.39E+01	6.36E-07	3.77E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.27E-02	6.62E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.00E-02	2.60E-04	1.47E+00	8.84E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN640	3.83E-02	3.31E+00	-1.47E-02	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.31E-03	2.51E-02	4.16E-03	1.40E+01	6.39E-07	3.79E-07	3.00E+01	1.51E+00	5.64E-03	1.91E-01	5.35E-02	6.95E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.63E-04	1.46E+00	9.60E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN640E	3.83E-02	3.31E+00	-8.92E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.30E-03	2.50E-02	4.13E-03	1.40E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.62E-04	1.48E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN650	4.89E-02	2.83E+00	1.24E-02	2.76E+00	2.64E-06	0.00E+00	1.97E+03	5.10E-04	2.64E-03	2.71E-02	4.35E-03	1.98E+01	3.17E-08	4.55E-07	4.31E+01	1.50E+00	5.68E-03	1.77E-01	6.13E-02	6.56E-01	1.17E+02	2.42E+00	5.60E-07	2.89E-07	1.14E-02	3.08E-04	1.63E+00	7.71E-01	1.24E+02	6.92E-03	1.23E+02	1.30E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00
MCN650E	5.02E-02	3.45E+00	1.40E-02	3.44E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.52E-03	2.77E-02	4.35E-03	2.44E+01	2.86E-08	5.48E-07	5.03E+01	1.79E+00	5.89E-03	1.93E-01	6.91E-02	8.03E-01	1.18E+02	2.91E+00	7.55E-07	3.27E-07	1.16E-02	3.30E-04	2.05E+00	9.07E-01	1.21E+02	8.46E-03	1.21E+02	1.24E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MCN663	4.90E-02	2.83E+00	1.22E-02	2.76E+00	2.53E-06	0.00E+00	1.99E+03	5.10E-04	2.64E-03	2.72E-02	4.36E-03	1.98E+01	3.30E-08	4.56E-07	4.36E+01	1.50E+00	5.69E-03	1.76E-01	6.14E-02	6.59E-01	1.16E+02	2.42E+00	5.61E-07	2.90E-07	1.14E-02	3.10E-04	1.64E+00	6.86E-01	1.23E+02	6.94E-03	1.23E+02	1.29E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00
MCN663E	5.10E-02	3.48E+00	1.43E-02	3.46E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.54E-03	2.79E-02	4.38E-03	2.46E+01	3.02E-08	5.54E-07	5.09E+01	1.80E+00	5.93E-03	1.94E-01	7.00E-02	8.57E-01	1.19E+02	2.91E+00	7.57E-07	3.38E-07	1.17E-02	3.31E-04	2.12E+00	9.09E-01	1.22E+02	8.46E-03	1.22E+02	1.25E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MCN706P	2.03E-02	2.20E+00	-1.90E-02	2.25E+00	7.73E-07	0.00E+00	1.51E+03	6.08E-05	1.83E-03	1.95E-02	2.04E-03	2.34E+00	6.80E-08	8.35E-08	4.86E+00	1.51E-01	2.75E-03	8.72E-02	2.48E-02	3.88E-01	6.90E+01	2.17E+00	3.01E-07	1.27E-07	7.06E-03	1.40E-04	6.90E-01	4.74E-01	7.12E+01	2.86E-04	7.13E+01	7.26E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MCN710P	1.92E-02	2.16E+00	-2.27E-02	2.21E+00	8.19E-07	0.00E+00	1.61E+03	9.03E-05	1.76E-03	1.93E-02	2.03E-03	3.13E+00	5.22E-08	1.09E-07	5.97E+00	2.00E-01	2.75E-03	8.81E-02	2.45E-02	3.82E-01	6.87E+01	2.15E+00	3.03E-07	1.20E-07	7.05E-03	1.33E-04	8.10E-01	4.90E-01	7.07E+01	2.44E-04	7.06E+01	7.20E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN716P	1.33E-02	1.91E+00	-2.00E-02	2.00E+00	6.83E-07	0.00E+00	1.49E+03	1.07E-04	1.29E-03	1.44E-02	1.82E-03	2.79E+00	9.05E-08	8.35E-08	5.49E+00	2.67E-01	2.36E-03	8.70E-02	1.73E-02	3.10E-01	6.87E+01	1.81E+00	2.72E-07	9.17E-08	5.53E-03	1.32E-04	5.89E-01	4.51E-01	7.10E+01	2.24E-04	7.10E+01	7.25E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MCN720P	1.51E-02	2.00E+00	-1.80E-02	2.08E+00	7.14E-07	0.00E+00	1.16E+03	1.33E-04	1.29E-03	1.43E-02	1.84E-03	3.26E+00	2.75E-07	1.02E-07	6.98E+00	3.58E-01	2.42E-03	8.71E-02	2.03E-02	3.16E-01	6.91E+01	1.67E+00	2.71E-07	9.75E-08	5.60E-03	1.34E-04	6.25E-01	4.34E-01	7.13E+01	2.28E-04	7.13E+01	7.27E+01	8.77E-01	0.00E+00	0.00E+00	0.00E+00	9.18E-01
MCN725P	2.10E-02	2.29E+00	-1.80E-02	2.31E+00	7.72E-07	0.00E+00	1.55E+03	1.84E-04	1.82E-03	1.95E-02	2.05E-03	6.67E+00	2.77E-07	1.74E-07	1.47E+01	4.70E-01	2.81E-03	8.73E-02	3.08E-02	4.00E-01	6.94E+01	2.23E+00	2.98E-07	1.32E-07	7.29E-03	1.43E-04	9.65E-01	4.74E-01	7.16E+01	3.31E-04	7.16E+01	7.27E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MCN732P	2.27E-02	2.30E+00	-1.40E-02	2.34E+00	9.95E-07	0.00E+00	1.57E+03	2.20E-04	1.81E-03	1.94E-02	2.11E-03	7.25E+00	3.44E-07	2.17E-07	1.55E+01	5.20E-01	2.85E-03	8.71E-02	4.13E-02	4.32E-01	6.96E+01	2.57E+00	3.47E-07	1.45E-07	7.33E-03	1.48E-04	1.05E+00	4.77E-01	7.12E+01	3.41E-04	7.13E+01	7.28E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MCN740P	2.32E-02	2.32E+00	-1.24E-02	2.36E+00	1.09E-06	0.00E+00	1.58E+03	2.22E-04	1.80E-03	1.93E-02	2.11E-03	7.41E+00	3.49E-07	2.20E-07	1.56E+01	5.32E-01	2.85E-03	8.71E-02	4.29E-02	4.35E-01	6.96E+01	2.58E+00	4.25E-07	1.48E-07	7.36E-03	1.48E-04	1.08E+00	4.77E-01	7.13E+01	3.39E-04	7.13E+01	7.29E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
MCN750P	2.55E-02	2.22E+00	9.52E-04	2.30E+00	1.47E-06	0.00E+00	9.79E+02	2.25E-04	1.36E-03	1.42E-02	2.12E-03	8.47E+00	1.85E-08	2.39E-07	1.72E+01	5.30E-01	2.91E-03	8.67E-02	4.91E-02	4.26E-01	6.83E+01	1.54E+00	3.81E-07	1.67E-07	7.56E-03	1.61E-04	1.05E+00	2.66E-01	7.05E+01	6.40E-04	7.01E+01	7.12E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCN763P	2.60E-02	2.32E+00	-2.98E-03	2.38E+00	1.53E-06	0.00E+00	1.55E+03	2.16E-04	1.88E-03	2.01E-02	2.22E-03	1.02E+01	2.14E-08	2.45E-07	1.93E+01	5.38E-01	3.04E-03	8.55E-02	5.13E-02	4.41E-01	6.84E+01	2.59E+00	4.42E-07	1.73E-07	7.75E-03	1.63E-04	1.20E+00	4.84E-01	7.04E+01	6.58E-04	7.04E+01	7.20E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCS006C	5.84E-03	8.20E-01	-8.99E-03	8.29E-01	9.10E-07	0.00E+00	6.69E+02	2.52E-05	4.97E-04	5.34E-03	8.29E-04	1.39E+00	6.87E-09	3.12E-08	2.30E+00	5.28E-02	1.12E-03	4.60E-02	8.76E-03	1.22E-01	3.35E+01	9.44E-01	1.33E-07	4.35E-08	2.01E-03	5.07E-05	1.53E-01	2.00E-01	3.44E+01	1.01E-04	3.44E+01	3.48E+01	3.53E-01	0.00E+00	0.00E+00	0.00E+00	3.76E-01
MCS010C	6.02E-03	8.93E-01	-2.02E-02	8.93E-01	1.04E-06	0.00E+00	1.35E+03	3.49E-05	7.89E-04	8.09E-03	8.96E-04	1.40E+00	1.39E-08	3.68E-08	2.47E+00	9.41E-02	1.15E-03	5.01E-02	8.35E-03	1.32E-01	3.40E+01	1.28E+00	1.27E-07	4.18E-08	2.10E-03	4.91E-05	1.68E-01	4.00E-01	3.54E+01	1.05E-04	3.55E+01	3.63E+01	3.99E-01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCS013C	6.11E-03	8.22E-01	-8.66E-03	8.31E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.02E-04	5.40E-03	8.38E-04	1.57E+00	7.04E-09	3.42E-08	2.69E+00	5.28E-02	1.13E-03	4.57E-02	9.14E-03	1.29E-01	3.36E+01	9.20E-01	1.35E-07	4.54E-08	2.04E-03	5.18E-05	1.72E-01	2.01E-01	3.45E+01	1.03E-04	3.45E+01	3.49E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MCS016C	6.05E-03	8.21E-01	-8.66E-03	8.30E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.00E-04	5.39E-03	8.37E-04	1.57E+00	6.77E-09	3.39E-08	2.69E+00	5.28E-02	1.13E-03	4.57E-02	9.05E-03	1.25E-01	3.36E+01	9.20E-01	1.35E-07	4.48E-08	2.03E-03	5.18E-05	1.71E-01	2.01E-01	3.45E+01	1.03E-04	3.45E+01	3.49E+01	3.72E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-01
MCS020C	6.19E-03	8.15E-01	-7.98E-03	8.31E-01	9.33E-07	0.00E+00	6.62E+02	4.01E-05	5.01E-04	5.36E-03	8.47E-04	1.48E+00	1.54E-08	4.17E-08	2.86E+00	1.09E-01	1.17E-03	4.54E-02	9.00E-03	1.29E-01	3.43E+01	9.31E-01	1.26E-07	4.22E-08	2.05E-03	4.99E-05	1.74E-01	2.03E-01	3.53E+01	1.02E-04	3.53E+01	3.62E+01	3.91E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
MCS106	7.15E-03	7.94E-01	-6.58E-03	8.01E-01	9.54E-07	0.00E+00	6.74E+02	7.45E-05	5.14E-04	5.58E-03	8.30E-04	2.27E+00	1.59E-07	5.26E-08	4.59E+00	1.58E-01	1.12E-03	4.54E-02	1.01E-02	1.45E-01	2.97E+01	9.49E-01	1.35E-07	4.98E-08	2.10E-03	5.05E-05	2.59E-01	2.00E-01	3.06E+01	1.14E-04	3.06E+01	3.11E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MCS110	4.71E-03	5.85E-01	-8.83E-03	5.94E-01	9.28E-07	0.00E+00	6.01E+02	4.40E-05	3.90E-04	4.19E-03	7.83E-04	1.58E+00	7.00E-08	3.65E-08	3.11E+00	9.49E-02	1.06E-03	2.40E-02	7.02E-03	7.44E-02	1.88E+01	8.75E-01	8.53E-08	3.28E-08	1.54E-03	2.37E-05	1.45E-01	1.95E-01	1.97E+01	6.70E-05	1.97E+01	2.01E+01	3.40E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MCS113	4.86E-03	6.05E-01	-8.54E-03	6.13E-01	9.28E-07	0.00E+00	6.01E+02	4.40E-05	4.02E-04	4.33E-03	7.32E-04	1.64E+00	7.00E-08	3.76E-08	3.24E+00	9.49E-02	9.91E-04	3.05E-02	7.28E-03	7.48E-02	2.03E+01	8.73E-01	8.63E-08	3.37E-08	1.59E-03	2.39E-05	1.55E-01	1.90E-01	2.11E+01	6.77E-05	2.11E+01	2.15E+01	3.35E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MCS116	4.72E-03	5.99E-01	-8.66E-03	6.07E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	3.98E-04	4.29E-03	7.22E-04	1.58E+00	6.99E-08	3.64E-08	3.11E+00	9.48E-02	9.76E-04	3.05E-02	7.12E-03	7.24E-02	2.02E+01	8.54E-01	8.52E-08	3.28E-08	1.57E-03	2.33E-05	1.52E-01	1.89E-01	2.10E+01	6.71E-05	2.10E+01	2.14E+01	3.41E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-01
MCS120	8.77E-03	8.85E-01	-4.57E-03	8.90E-01	9.34E-07	0.00E+00	6.65E+02	7.12E-05	5.84E-04	6.38E-03	8.54E-04	3.13E+00	7.42E-09	6.77E-08	6.46E+00	1.93E-01	1.16E-03	4.56E-02	1.27E-02	1.31E-01	3.13E+01	9.27E-01	1.42E-07	5.81E-08	2.42E-03	5.44E-05	2.56E-01	2.03E-01	3.23E+01	8.55E-04	3.23E+01	3.27E+01	4.58E-01	0.00E+00	0.00E+00	0.00E+00	5.45E-01
MCS120W	7.44E-03	8.64E-01	-5.48E-03	8.69E-01	9.32E-07	0.00E+00	6.59E+02	5.86E-05	5.38E-04	6.01E-03	8.97E-04	3.08E+00	1.02E-08	4.86E-08	5.96E+00	1.61E-01	1.21E-03	4.53E-02	1.16E-02	1.30E-01	3.26E+01	9.12E-01	1.32E-07	4.97E-08	2.17E-03	5.17E-05	2.05E-01	2.08E-01	3.34E+01	9.29E-04	3.34E+01	3.40E+01	4.30E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-01
MCS125	9.23E-03	8.92E-01	-4.26E-03	8.97E-01	9.34E-07	0.00E+00	6.52E+02	7.11E-05	5.92E-04	6.47E-03	9.23E-04	3.38E+00	7.74E-09	7.45E-08	7.22E+00	1.93E-01	1.25E-03	4.53E-02	1.32E-02	1.34E-01	3.23E+01	9.06E-01	1.39E-07	5.89E-08	2.46E-03	5.34E-05	2.66E-01	2.10E-01	3.32E+01	8.57E-04	3.32E+01	3.36E+01	4.76E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MCS132	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.04E+00	7.04E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.59E-01	1.52E-07	6.64E-08	2.78E-03	6.08E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MCS140	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.04E+00	7.04E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.58E-01	1.52E-07	6.64E-08	2.78E-03	6.08E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MCS150	1.30E-02	9.56E-01	3.24E-03	9.53E-01	9.77E-07	0.00E+00	3.77E+02	1.50E-04	6.95E-04	7.61E-03	1.11E-03	6.12E+00	7.33E-09	1.37E-07	1.25E+01	4.38E-01	1.50E-03	4.80E-02	1.82E-02	2.00E-01	3.10E+01	7.55E-01	1.91E-07	8.51E-08	3.10E-03	7.72E-05	5.01E-01	2.29E-01	3.17E+01	2.85E-03	3.17E+01	3.24E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.81E-01
MCS163	1.32E-02	9.62E-01	3.32E-03	9.59E-01	9.77E-07	0.00E+00	3.77E+02	1.51E-04	6.99E-04	7.67E-03	1.12E-03	6.19E+00	7.73E-09	1.39E-07	1.26E+01	4.38E-01	1.51E-03	4.82E-02	1.84E-02	2.14E-01	3.12E+01	7.55E-01	1.92E-07	8.79E-08	3.13E-03	7.75E-05	5.22E-01	2.29E-01	3.20E+01	2.85E-03	3.20E+01	3.27E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	7.91E-01
MCS206C	1.08E-02	1.30E+00	-3.22E-02	1.37E+00	1.64E-06	0.00E+00	1.43E+03	7.25E-05	1.28E-03	1.35E-02	1.68E-03	2.35E+00	2.03E-08	6.40E-08	4.94E+00	1.86E-01	2.31E-03	5.50E-02	1.53E-02	2.28E-01	4.88E+01	2.13E+00	1.49E-07	6.87E-08	3.58E-03	5.86E-05	4.59E-01	6.27E-01	5.00E+01	2.18E-04	5.00E+01	5.07E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	6.63E-01
MCS206E	1.12E-02	1.72E+00	-2.67E-02	1.71E+00	1.69E-06	0.00E+00	1.50E+03	1.22E-04	1.40E-03	1.48E-02	1.69E-03	2.65E+00	3.43E-07	7.03E-08	6.58E+00	2.96E-01	2.33E-03	9.62E-02	1.61E-02	2.52E-01	7.44E+01	2.13E+00	2.54E-07	6.91E-08	3.87E-03	1.15E-04	4.72E-01	6.93E-01	7.50E+01	2.44E-04	7.52E+01	7.66E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-01
MCS210C	1.09E-02	1.32E+00	-3.22E-02	1.37E+00	1.60E-06	0.00E+00	1.45E+03	1.04E-04	1.28E-03	1.36E-02	1.68E-03	3.86E+00	2.04E-08	8.72E-08	7.41E+00	2.41E-01	2.31E-03	5.49E-02	1.53E-02	2.36E-01	4.86E+01	2.15E+00	1.48E-07	6.69E-08	3.61E-03	5.94E-05	5.74E-01	6.27E-01	4.97E+01	2.01E-04	4.97E+01	5.02E+01	7.39E-01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MCS210E	1.13E-02	1.73E+00	-2.68E-02	1.71E+00	1.64E-06	0.00E+00	1.50E+03	1.70E-04	1.40E-03	1.49E-02	1.68E-03	4.93E+00	3.41E-07	1.01E-07	1.00E+01	3.96E-01	2.31E-03	5.49E-02	1.58E-02	2.53E-01	4.81E+01	2.15E+00	1.46E-07	6.94E-08	3.86E-03	6.15E-05	5.94E-01	6.65E-01	4.93E+01	2.23E-04	4.93E+01	4.98E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	6.91E-01
MCS213C	1.13E-02	1.69E+00	-1.99E-02	1.66E+00	1.50E-06	0.00E+00	1.42E+03	1.35E-04	1.37E-03	1.45E-02	1.72E-03	3.87E+00	1.76E-08	8.55E-08	7.33E+00	3.08E-01	2.31E-03	5.44E-02	1.62E-02	2.53E-01	4.84E+01	2.14E+00	1.47E-07	7.00E-08	3.88E-03	6.10E-05	4.68E-01	4.47E-01	4.93E+01	2.01E-04	4.93E+01	4.97E+01	7.36E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-01
MCS216C	1.20E-02	1.69E+00	-2.00E-02	1.66E+00	1.50E-06	0.00E+00	1.42E+03	1.38E-04	1.37E-03	1.45E-02	1.72E-03	4.00E+00	1.76E-08	8.58E-08	7.38E+00	3.17E-01	2.31E-03	5.45E-02	1.70E-02	2.54E-01	4.84E+01	2.15E+00	1.47E-07	7.64E-08	3.88E-03	6.10E-05	4.77E-01	4.47E-01	4.93E+01	2.02E-04	4.93E+01	4.97E+01	7.40E-01	0.00E+00	0.00E+00	0.00E+00	6.89E-01
MCS216E	1.22E-02	1.66E+00	-7.18E-03	1.63E+00	1.49E-06	0.00E+00	1.25E+03	1.91E-04	1.05E-03	1.10E-02	1.68E-03	5.28E+00	2.91E-07	1.09E-07	1.08E+01	4.50E-01	2.29E-03	4.79E-02	1.81E-02	2.08E-01	4.73E+01	1.59E+00	1.48E-07	7.96E-08	3.84E-03	6.18E-05	5.03E-01	2.53E-01	4.83E+01	2.50E-04	4.82E+01	4.85E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
MCS220C	1.29E-02	1.66E+00	-7.51E-03	1.62E+00	1.44E-06	0.00E+00	1.28E+03	1.65E-04	1.05E-03	1.11E-02	1.68E-03	4.86E+00	1.25E-08	9.85E-08	9.73E+00	3.72E-01	2.29E-03	4.79E-02	1.79E-02	2.10E-01	4.78E+01	1.60E+00	1.47E-07	8.35E-08	3.85E-03	6.02E-05	4.86E-01	2.52E-01	4.88E+01	2.44E-04	4.87E+01	4.89E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-01
MCS220E	1.23E-02	1.67E+00	-1.18E-02	1.63E+00	1.47E-06	0.00E+00	1.24E+03	1.72E-04	1.07E-03	1.13E-02	1.69E-03	5.79E+00	1.24E-08	1.20E-07	1.29E+01	5.16E-01	2.31E-03	9.55E-02	1.74E-02	2.07E-01	7.48E+01	1.60E+00	2.54E-07	8.08E-08	3.85E-03	1.13E-04	5.04E-01	2.43E-01	7.51E+01	1.46E-03	7.48E+01	7.58E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01

MCS225E	2.02E-02	1.82E+00	-1.13E-02	1.83E+00	1.67E-06	0.00E+00	1.51E+03	1.38E-04	1.47E-03	1.57E-02	1.98E-03	7.60E+00	3.65E-08	1.64E-07	1.70E+01	3.25E-01	2.81E-03	9.35E-02	3.25E-02	3.53E-01	6.42E+01	2.11E+00	2.76E-07	1.35E-07	4.85E-03	1.17E-04	7.72E-01	7.36E-01	6.49E+01	1.78E-03	6.51E+01	6.67E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MCS232E	2.20E-02	1.80E+00	-1.07E-02	1.81E+00	1.80E-06	0.00E+00	1.11E+03	2.12E-04	1.48E-03	1.60E-02	2.10E-03	7.90E+00	5.07E-08	2.00E-07	1.75E+01	6.20E-01	2.87E-03	9.80E-02	3.50E-02	3.78E-01	6.25E+01	2.29E+00	3.34E-07	1.43E-07	5.23E-03	1.36E-04	9.01E-01	9.50E-01	6.34E+01	4.13E-03	6.36E+01	6.52E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCS240E	2.21E-02	1.82E+00	-7.35E-03	1.83E+00	1.79E-06	0.00E+00	1.12E+03	2.21E-04	1.48E-03	1.60E-02	2.21E-03	8.22E+00	3.55E-08	2.12E-07	1.79E+01	6.39E-01	3.04E-03	9.89E-02	3.49E-02	3.95E-01	6.17E+01	2.39E+00	3.95E-07	1.42E-07	5.46E-03	1.37E-04	8.74E-01	7.11E-01	6.25E+01	4.16E-03	6.27E+01	6.46E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCS250E	2.30E-02	1.84E+00	5.96E-03	1.86E+00	1.67E-06	0.00E+00	1.02E+03	2.24E-04	1.49E-03	1.65E-02	2.21E-03	8.86E+00	2.01E-08	2.32E-07	1.96E+01	6.71E-01	2.98E-03	9.59E-02	3.53E-02	3.95E-01	6.15E+01	2.22E+00	3.83E-07	1.50E-07	5.48E-03	1.54E-04	8.32E-01	4.91E-01	6.22E+01	4.33E-03	6.22E+01	6.43E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCS263E	2.32E-02	1.85E+00	6.20E-03	1.87E+00	1.72E-06	0.00E+00	1.11E+03	2.25E-04	1.52E-03	1.69E-02	2.23E-03	1.02E+01	2.22E-08	2.38E-07	2.13E+01	6.77E-01	3.04E-03	9.87E-02	3.59E-02	3.99E-01	6.15E+01	2.38E+00	4.06E-07	1.53E-07	5.48E-03	1.55E-04	9.51E-01	6.51E-01	6.26E+01	4.34E-03	6.26E+01	6.45E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MCS306	2.15E-02	2.36E+00	-1.97E-02	2.38E+00	2.04E-06	0.00E+00	1.91E+03	2.22E-04	1.53E-03	1.66E-02	2.47E-03	6.82E+00	4.76E-07	1.55E-07	1.38E+01	4.71E-01	3.34E-03	1.36E-01	3.02E-02	4.59E-01	8.88E+01	2.72E+00	4.07E-07	1.50E-07	6.32E-03	1.75E-04	7.84E-01	6.00E-01	9.15E+01	4.33E-04	9.15E+01	9.29E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MCS306C	1.94E-02	2.18E+00	-3.35E-02	2.18E+00	2.12E-06	0.00E+00	1.73E+03	1.26E-04	1.61E-03	1.71E-02	2.44E-03	5.37E+00	3.70E-08	1.30E-07	9.14E+00	2.87E-01	3.35E-03	1.14E-01	2.80E-02	3.87E-01	7.98E+01	2.99E+00	3.75E-07	1.27E-07	6.11E-03	1.28E-04	8.16E-01	8.17E-01	8.29E+01	3.22E-04	8.30E+01	8.26E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MCS310	1.42E-02	1.74E+00	-2.61E-02	1.77E+00	1.96E-06	0.00E+00	1.72E+03	1.31E-04	1.17E-03	1.26E-02	2.33E-03	4.74E+00	2.10E-07	1.08E-07	9.35E+00	2.82E-01	3.15E-03	7.21E-02	2.10E-02	2.61E-01	5.65E+01	2.52E+00	2.59E-07	9.94E-08	4.64E-03	1.03E-04	4.51E-01	5.84E-01	5.90E+01	2.11E-04	5.90E+01	6.01E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-01
MCS310C	1.94E-02	2.21E+00	-3.33E-02	2.19E+00	2.21E-06	0.00E+00	1.73E+03	2.02E-04	1.61E-03	1.71E-02	2.46E-03	7.27E+00	3.73E-08	1.65E-07	1.46E+01	4.05E-01	3.36E-03	1.13E-01	2.75E-02	3.90E-01	7.99E+01	3.00E+00	3.79E-07	1.28E-07	6.15E-03	1.29E-04	8.54E-01	8.13E-01	8.28E+01	3.08E-04	8.26E+01	8.35E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MCS313	2.24E-02	2.38E+00	-1.85E-02	2.40E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.55E-03	1.69E-02	2.51E-03	7.35E+00	4.77E-07	1.65E-07	1.50E+01	4.73E-01	3.39E-03	1.35E-01	3.14E-02	4.88E-01	8.94E+01	2.71E+00	4.12E-07	1.56E-07	6.44E-03	1.82E-04	8.50E-01	6.04E-01	9.21E+01	3.58E-04	9.21E+01	9.36E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
MCS313C	1.44E-02	1.73E+00	-2.53E-02	1.76E+00	2.37E-06	0.00E+00	1.70E+03	1.30E-04	1.16E-03	1.25E-02	2.14E-03	4.72E+00	2.10E-07	1.10E-07	9.74E+00	2.83E-01	2.90E-03	9.05E-02	2.12E-02	2.54E-01	5.93E+01	2.49E+00	2.50E-07	9.66E-08	4.62E-03	9.45E-05	4.88E-01	5.65E-01	6.18E+01	2.10E-04	6.18E+01	6.29E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-01
MCS316	1.42E-02	1.74E+00	-2.61E-02	1.77E+00	1.96E-06	0.00E+00	1.72E+03	1.31E-04	1.17E-03	1.26E-02	2.33E-03	4.76E+00	2.10E-07	1.08E-07	9.36E+00	2.82E-01	3.16E-03	7.21E-02	2.11E-02	2.65E-01	5.65E+01	2.53E+00	2.59E-07	9.97E-08	4.64E-03	1.03E-04	4.52E-01	5.84E-01	5.90E+01	2.11E-04	5.90E+01	6.01E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-01
MCS316C	1.41E-02	1.73E+00	-2.55E-02	1.75E+00	2.37E-06	0.00E+00	1.70E+03	1.30E-04	1.16E-03	1.25E-02	2.13E-03	4.55E+00	2.10E-07	1.07E-07	9.37E+00	2.83E-01	2.88E-03	9.04E-02	2.09E-02	2.53E-01	5.92E+01	2.49E+00	2.48E-07	9.47E-08	4.58E-03	9.39E-05	4.82E-01	5.64E-01	6.17E+01	2.08E-04	6.17E+01	6.27E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-01
MCS320	2.64E-02	2.65E+00	-1.35E-02	2.66E+00	2.39E-06	0.00E+00	1.91E+03	2.13E-04	1.75E-03	1.91E-02	2.55E-03	9.40E+00	2.18E-08	2.01E-07	1.94E+01	5.76E-01	3.46E-03	1.37E-01	3.80E-02	4.24E-01	9.42E+01	2.72E+00	4.30E-07	1.76E-07	7.30E-03	1.89E-04	7.98E-01	6.08E-01	9.69E+01	2.58E-03	9.69E+01	9.84E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MCS320C	2.00E-02	2.27E+00	-8.53E-03	2.25E+00	2.09E-06	0.00E+00	1.08E+03	2.24E-04	1.25E-03	1.35E-02	2.52E-03	7.51E+00	1.64E-08	1.86E-07	1.48E+01	4.65E-01	3.46E-03	1.28E-01	2.85E-02	3.89E-01	8.82E+01	2.99E+00	3.88E-07	1.31E-07	6.12E-03	1.63E-04	7.47E-01	4.23E-01	9.14E+01	3.30E-04	9.12E+01	9.17E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCS325	2.73E-02	2.63E+00	-1.82E-02	2.65E+00	1.91E-06	0.00E+00	1.87E+03	7.39E-05	1.73E-03	1.88E-02	2.95E-03	1.01E+01	2.27E-08	2.11E-07	2.17E+01	1.55E-01	3.99E-03	1.14E-01	3.66E-02	4.15E-01	9.66E+01	2.66E+00	4.17E-07	1.75E-07	7.26E-03	1.82E-04	7.32E-01	6.47E-01	9.93E+01	2.66E-03	9.93E+01	1.01E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MCS332	3.19E-02	2.73E+00	-2.82E-03	2.73E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.91E-03	2.07E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.27E-03	1.45E-01	4.59E-02	4.65E-01	9.59E+01	2.21E+00	4.59E-07	2.00E-07	8.36E-03	2.08E-04	1.06E+00	6.69E-01	9.82E+01	8.06E-03	9.82E+01	9.99E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
MCS340	3.20E-02	2.76E+00	-2.49E-03	2.77E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.92E-03	2.09E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.26E-03	1.45E-01	4.60E-02	4.67E-01	9.65E+01	2.22E+00	5.38E-07	2.01E-07	8.41E-03	2.10E-04	1.06E+00	6.69E-01	9.87E+01	7.94E-03	9.87E+01	1.00E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
MCS350	3.90E-02	2.86E+00	9.94E-03	2.85E+00	2.52E-06	0.00E+00	1.05E+03	4.51E-04	2.08E-03	2.28E-02	3.32E-03	1.84E+01	2.15E-08	4.10E-07	3.75E+01	1.31E+00	4.49E-03	1.44E-01	5.45E-02	6.30E-01	9.30E+01	2.19E+00	5.78E-07	2.57E-07	9.33E-03	2.58E-04	1.53E+00	6.85E-01	9.52E+01	8.50E-03	9.52E+01	9.74E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MCS363	3.96E-02	2.87E+00	1.02E-02	2.86E+00	2.52E-06	0.00E+00	1.05E+03	4.51E-04	2.09E-03	2.30E-02	3.34E-03	1.86E+01	2.27E-08	4.15E-07	3.79E+01	1.31E+00	4.52E-03	1.45E-01	5.52E-02	6.71E-01	9.38E+01	2.19E+00	5.79E-07	2.65E-07	9.41E-03	2.58E-04	1.60E+00	6.87E-01	9.60E+01	8.50E-03	9.60E+01	9.82E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
MCS506	1.11E-02	1.73E+00	-2.67E-02	1.72E+00	1.63E-06	0.00E+00	1.59E+03	1.52E-04	1.39E-03	1.48E-02	1.70E-03	3.66E+00	3.39E-07	7.16E-08	8.60E+00	4.23E-01	2.32E-03	5.59E-02	1.50E-02	2.45E-01	4.83E+01	2.17E+00	1.46E-07	7.07E-08	3.86E-03	6.08E-05	5.27E-01	6.62E-01	4.92E+01	2.29E-04	4.92E+01	4.98E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E-01
MCS506E	1.87E-02	1.93E+00	-4.36E-02	1.90E+00	1.68E-06	0.00E+00	1.61E+03	1.79E-04	1.42E-03	1.53E-02	2.08E-03	3.73E+00	3.39E-07	9.29E-08	8.74E+00	4.40E-01	2.79E-03	9.95E-02	2.74E-02	3.54E-01	7.80E+01	2.16E+00	2.79E-07	1.34E-07	4.88E-03	1.16E-04	7.96E-01	9.44E-01	7.88E+01	2.54E-04	7.90E+01	8.00E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MCS510	1.12E-02	1.73E+00	-2.69E-02	1.72E+00	1.61E-06	0.00E+00	1.59E+03	1.91E-04	1.40E-03	1.50E-02	1.70E-03	5.52E+00	3.39E-07	1.15E-07	1.16E+01	4.88E-01	2.32E-03	5.59E-02	1.73E-02	2.49E-01	4.83E+01	2.17E+00	1.47E-07	6.98E-08	3.86E-03	6.28E-05	6.42E-01	6.86E-01	4.93E+01	2.27E-04	4.93E+01	4.98E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-01
MCS510E	1.12E-02	1.66E+00	-9.24E-03	1.63E+00	1.52E-06	0.00E+00	1.25E+03	1.90E-04	1.05E-03	1.10E-02	1.69E-03	5.58E+00	2.90E-07	1.14E-07	1.21E+01	4.76E-01	2.32E-03	9.47E-02	1.79E-02	2.06E-01	7.44E+01	1.59E+00	2.55E-07	7.06E-08	3.82E-03	1.17E-04	5.02E-01	2.65E-01	7.45E+01	2.29E-04	7.43E+01	7.55E+01	7.75E-01	0.00E+00	0.00E+00	0.00E+00	7.83E-01
MCS513	1.46E-02	1.59E+00	-1.24E-02	1.60E+00	1.58E-06	0.00E+00	1.27E+03	1.48E-04	1.03E-03	1.12E-02	1.67E-03	4.87E+00	3.17E-07	1.09E-07	9.94E+00	3.14E-01	2.27E-03	9.02E-02	2.05E-02	3.03E-01	5.97E+01	1.81E+00	2.75E-07	1.01E-07	4.26E-03	1.20E-04	5.56E-01	4.03E-01	6.15E+01	2.37E-04	6.15E+01	6.25E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MCS513E	1.69E-02	1.93E+00	-3.23E-02	1.90E+00	1.68E-06	0.00E+00	1.60E+03	2.31E-04	1.45E-03	1.55E-02	1.94E-03	5.81E+00	3.40E-07	1.24E-07	1.15E+01	5.27E-01	2.56E-03	9.92E-02	2.31E-02	3.34E-01	7.74E+01	2.13E+00	2.63E-07	1.21E-07	4.78E-03	1.17E-04	8.22E-01	7.25E-01	7.84E+01	2.57E-04	7.85E+01	7.99E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCS516	1.45E-02	1.59E+00	-1.24E-02	1.60E+00	1.58E-06	0.00E+00	1.27E+03	1.48E-04	1.03E-03	1.12E-02	1.67E-03	4.87E+00	3.16E-07	1.08E-07	9.93E+00	3.14E-01	2.27E-03	9.02E-02	2.04E-02	2.98E-01	5.96E+01	1.81E+00	2.75E-07	1.01E-07	4.26E-03	1.20E-04	5.51E-01	4.03E-01	6.15E+01	2.37E-04	6.15E+01	6.24E+01	9.54E-01	0.00E+00	0.00E+00	0.00E+00	8.77E-01
MCS516E	1.23E-02	1.68E+00	-1.74E-02	1.65E+00	1.55E-06	0.00E+00	1.38E+03	2.21E-04	1.06E-03	1.14E-02	1.72E-03	5.45E+00	3.05E-07	1.12E-07	1.12E+01	5.49E-01	2.31E-03	5.48E-02	1.97E-02	2.44E-01	4.78E+01	1.84E+00	1.49E-07	7.82E-08	3.92E-03	6.30E-05	5.32E-01	4.41E-01	4.89E+01	2.27E-04	4.89E+01	4.93E+01	8.06E-01	0.00E+00	0.00E+00	0.00E+00	8.32E-01
MCS520	1.22E-02	1.74E+00	-1.39E-02	1.73E+00	1.63E-06	0.00E+00	1.54E+03	1.90E-04	1.43E-03	1.53E-02	1.70E-03	6.56E+00	2.12E-08	1.27E-07	1.50E+01	6.06E-01	2.33E-03	9.73E-02	1.73E-02	2.48E-01	7.50E+01	2.14E+00	2.54E-07	7.76E-08	3.88E-03	1.14E-04	6.48E-01	5.49E-01	7.53E+01	1.76E-03	7.53E+01	7.67E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01
MCS520E	1.24E-02	1.67E+00	-1.21E-02	1.63E+00	1.47E-06	0.00E+00	1.25E+03	1.99E-04	1.07E-03	1.15E-02	1.69E-03	6.50E+00	1.45E-08	1.29E-07	1.48E+01	6.16E-01	2.31E-03	9.54E-02	1.78E-02	2.36E-01	7.47E+01	1.60E+00	2.54E-07	8.06E-08	3.86E-03	1.14E-04	5.11E-01	2.65E-01	7.49E+01	1.61E-03	7.46E+01	7.58E+01	7.11E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MCS525	1.46E-02	1.69E+00	-8.62E-03	1.68E+00	1.49E-06	0.00E+00	1.26E+03	1.71E-04	1.14E-03	1.20E-02	1.82E-03	9.91E+00	1.26E-08	1.82E-07	2.38E+01	4.16E-01	2.48E-03	8.93E-02	2.39E-02	2.91E-01	6.42E+01	1.52E+00	2.58E-07	1.06E-07	4.26E-03	1.17E-04	5.91E-01	2.45E-01	6.48E+01	1.69E-03	6.45E+01	6.61E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MCS525E	1.45E-02	1.81E+00	-1.03E-02	1.82E+00	1.64E-06	0.00E+00	1.53E+03	1.64E-04	1.45E-03	1.55E-02	1.83E-03	9.98E+00	1.93E-08	1.82E-07	2.46E+01	3.88E-01	2.51E-03	9.17E-02	2.40E-02	3.00E-01	6.46E+01	2.10E+00	2.58E-07	1.05E-07	4.29E-03	1.17E-04	5.82E-01	5.44E-01	6.51E+01	1.78E-03	6.52E+01	6.74E+01	9.74E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MCS532	2.34E-02	1.97E+00	-1.16E-02	2.00E+00	1.77E-06	0.00E+00	1.50E+03	2.44E-04	1.55E-03	1.70E-02	2.22E-03	9.16E+00	2.86E-08	2.49E-07	1.99E+01	5.98E-01	2.88E-03	9.34E-02	3.18E-02	3.49E-01	6.38E+01	2.37E+00	3.36E-07	1.53E-07	5.81E-03	1.63E-04	1.07E+00	6.51E-01	6.64E+01	4.06E-03	6.64E+01	6.65E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MCS532E	2.14E-02	1.79E+00	-7.53E-03	1.81E+00	1.75E-06	0.00E+00	1.12E+03	2.50E-04	1.48E-03	1.61E-02	2.11E-03	9.97E+00	2.21E-08	2.27E-07	2.47E+01	6.78E-01	2.87E-03	9.76E-02	3.50E-02	3.72E-01	6.25E+01	2.32E+00	3.32E-07	1.41E-07	5.26E-03	1.36E-04	9.32E-01	6.44E-01	6.29E+01	4.08E-03	6.31E+01	6.50E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCS540	1.60E-02	1.68E+00	-2.33E-03	1.69E+00	1.56E-06	0.00E+00	7.85E+02	2.43E-04	1.17E-03	1.22E-02	1.84E-03	9.99E+00	1.27E-08	2.14E-07	2.42E+01	6.56E-01	2.49E-03	9.44E-02	2.67E-02	3.24E-01	6.27E+01	1.34E+00	3.40E-07	1.14E-07	4.50E-03	1.35E-04	6.47E-01	2.52E-01	6.33E+01	3.67E-03	6.29E+01	6.46E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MCS540E	2.32E-02	1.81E+00	-6.61E-03	1.83E+00	1.76E-06	0.00E+00	1.12E+03	2.48E-04	1.49E-03	1.61E-02	2.13E-03	1.04E+01	2.23E-08	2.43E-07	2.55E+01	6.78E-01	2.88E-03	9.82E-02	3.55E-02	3.84E-01	6.23E+01	2.36E+00	3.93E-07	1.47E-07	5.27E-03	1.40E-04	9.36E-01	5.52E-01	6.25E+01	4.11E-03	6.26E+01	6.47E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCS550	2.51E-02	1.86E+00	7.10E-03	1.88E+00	1.72E-06	0.00E+00	1.02E+03	2.80E-04	1.51E-03	1.66E-02	2.21E-03	1.19E+01	2.01E-08	2.64E-07	2.56E+01	7.70E-01	2.98E-03	9.90E-02	3.57E-02	4.15E-01	6.14E+01	2.24E+00	3.87E-07	1.64E-07	5.82E-03	1.65E-04	9.14E-01	5.47E-01	6.28E+01	4.37E-03	6.28E+01	6.46E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCS550E	2.52E-02	1.86E+00	7.10E-03	1.88E+00	1.67E-06	0.00E+00	1.02E+03	2.80E-04	1.51E-03	1.66E-02	2.20E-03	1.19E+01	2.02E-08	2.64E-07	2.56E+01	7.70E-01	2.97E-03	9.88E-02	3.58E-02	4.15E-01	6.14E+01	2.24E+00	3.87E-07	1.64E-07	5.82E-03	1.65E-04	9.74E-01	4.92E-01	6.28E+01	4.37E-03	6.28E+01	6.46E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCS563	2.53E-02	1.86E+00	7.21E-03	1.88E+00	1.67E-06	0.00E+00	1.03E+03	2.81E-04	1.51E-03	1.67E-02	2.21E-03	1.25E+01	2.02E-08	2.68E-07	2.64E+01	7.73E-01	2.98E-03	9.88E-02	3.61E-02	4.23E-01	6.16E+01	2.25E+00	4.05E-07	1.68E-07	5.84E-03	1.66E-04	1.03E+00	4.92E-01	6.28E+01	4.37E-03	6.28E+01	6.48E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCS563E	2.53E-02	1.87E+00	7.07E-03	1.89E+00	1.71E-06	0.00E+00	1.03E+03	2.81E-04	1.51E-03	1.67E-02	2.21E-03	1.25E+01	2.01E-08	2.69E-07	2.64E+01	7.73E-01	2.99E-03	1.02E-01	3.63E-02	4.23E-01	6.16E+01	2.24E+00	4.06E-07	1.68E-07	5.84E-03	1.66E-04	9.89E-01	5.50E-01	6.30E+01	4.37E-03	6.30E+01	6.49E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCS606	2.83E-02	2.44E+00	-1.24E-02	2.46E+00	2.41E-06	0.00E+00	1.20E+03	2.50E-04	1.88E-03	2.00E-02	3.31E-03	7.35E+00	5.56E-07	1.79E-07	1.37E+01	5.35E-01	4.49E-03	1.70E-01	4.00E-02	5.91E-01	1.17E+02	2.85E+00	5.34E-07	1.99E-07	8.32E-03	2.28E-04	8.95E-01	5.63E-01	1.20E+02	5.39E-04	1.20E+02	1.23E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MCS606E	2.85E-02	3.13E+00	-4.72E-02	3.15E+00	2.56E-06	0.00E+00	2.49E+03	2.52E-04	2.07E-03	2.26E-02	3.39E-03	7.81E+00	6.34E-07	1.82E-07	1.39E+01	5.44E-01	4.49E-03	1.73E-01	4.00E-02	6.00E-01	1.18E+02	3.62E+00	5.35E-07	1.98E-07	8.43E-03	2.37E-04	1.05E+00	1.26E+00	1.21E+02	5.33E-04	1.21E+02	1.23E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MCS610	2.90E-02	3.15E+00	-4.70E-02	3.18E+00	2.57E-06	0.00E+00	2.48E+03	2.86E-04	2.08E-03	2.28E-02	3.42E-03	9.39E+00	6.31E-07	2.07E-07	1.91E+01	6.18E-01	4.52E-03	1.76E-01	4.04E-02	6.09E-01	1.19E+02	3.63E+00	5.43E-07	2.00E-07	8.60E-03	2.39E-04	1.13E+00	1.27E+00	1.22E+02	4.73E-04	1.22E+02	1.24E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCS610E	2.88E-02	3.14E+00	-3.95E-02	3.17E+00	2.57E-06	0.00E+00	2.49E+03	2.86E-04	2.08E-03	2.28E-02	3.39E-03	9.24E+00	6.31E-07	2.04E-07	1.90E+01	6.18E-01	4.49E-03	1.75E-01	4.02E-02	6.09E-01	1.19E+02	3.63E+00	5.37E-07	1.98E-07	8.57E-03	2.39E-04	1.13E+00	1.26E+00	1.22E+02	4.73E-04	1.22E+02	1.24E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCS613	2.95E-02	3.18E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.25E-02	3.35E-03	9.78E+00	6.34E-07	2.19E-07	1.99E+01	6.28E-01	4.54E-03	1.80E-01	4.15E-02	6.26E-01	1.19E+02	3.62E+00	5.50E-07	2.05E-07	8.57E-03	2.41E-04	1.12E+00	8.06E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCS613E	2.91E-02	3.14E+00	-2.70E-02	3.16E+00	2.56E-06	0.00E+00	2.53E+03	2.85E-04	2.09E-03	2.28E-02	3.34E-03	9.66E+00	6.32E-07	2.15E-07	1.96E+01	6.22E-01	4.52E-03	1.75E-01	4.06E-02	5.97E-01	1.20E+02	3.61E+00	5.47E-07	2.02E-07	8.63E-03	2.40E-04	1.10E+00	8.85E-01	1.23E+02	4.75E-04	1.23E+02	1.24E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCS616	2.94E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.35E-03	9.76E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.13E-01	1.19E+02	3.62E+00	5.50E-07	2.03E-07	8.55E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCS616E	2.91E-02	2.47E+00	-1.97E-02	2.48E+00	2.42E-06	0.00E+00	1.09E+03	2.90E-04	1.90E-03	2.03E-02	3.34E-03	9.60E+00	5.57E-07	2.15E-07	1.95E+01	6.32E-01	4.53E-03	1.72E-01	4.10E-02	6.02E-01	1.18E+02	2.85E+00	5.36E-07	2.03E-07	8.47E-03	2.30E-04	9.89E-01	6.21E-01	1.22E+02	4.80E-04	1.22E+02	1.24E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MCS620	3.50E-02	3.53E+00	-1.81E-02	3.55E+00	2.51E-06	0.00E+00	2.56E+03	2.84E-04	2.33E-03	2.55E-02	3.41E-03	1.25E+01	2.78E-08	2.67E-07	2.58E+01	7.65E-01	4.62E-03	1.82E-01	5.03E-02	5.41E-01	1.26E+02	3.63E+00	5.73E-07	2.31E-07	9.71E-03	2.51E-04	1.05E+00	8.12E-01	1.29E+02	3.44E-03	1.29E+02	1.31E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00
MCS620E	3.11E-02	2.67E+00	-1.61E-02	2.64E+00	2.35E-06	0.00E+00	1.08E+03	2.72E-04	1.91E-03	2.01E-02	3.34E-03	1.17E+01	1.60E-08	2.54E-07	2.57E+01	7.09E-01	4.52E-03	1.72E-01	4.46E-02	5.31E-01	1.17E+02	2.82E+00	5.57E-07	2.11E-07	9.21E-03	2.34E-04	9.45E-01	5.15E-01	1.20E+02	2.82E-03	1.20E+02	1.23E+02	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MCS625	3.60E-02	3.51E+00	-2.43E-02	3.53E+00	2.41E-06	0.00E+00	2.52E+03	9.86E-05	2.30E-03	2.50E-02	3.94E-03	1.35E+01	2.88E-08	2.79E-07	2.89E+01	2.06E-01	5.34E-03	1.52E-01	4.82E-02	5.26E-01	1.29E+02	3.57E+00	5.57E-07	2.30E-07	9.66E-03	2.42E-04	9.68E-01	8.65E-01	1.33E+02	3.56E-03	1.33E+02	1.34E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
MCS625E	3.44E-02	2.70E+00	-1.73E-02	2.67E+00	2.31E-06	0.00E+00	1.09E+03	1.62E-04	2.06E-03	2.16E-02	3.61E-03	1.29E+01	1.81E-08	2.73E-07	2.73E+01	3.71E-01	4.82E-03	1.69E-01	4.47E-02	5.23E-01	1.27E+02	2.76E+00	5.53E-07	2.23E-07	9.48E-03	2.30E-04	8.59E-01	5.47E-01	1.32E+02	3.25E-03	1.31E+02	1.33E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MCS632	4.86E-02	3.52E+00	-7.01E-03	3.51E+00	2.65E-06	0.00E+00	2.20E+03	4.97E-04	2.72E-03	2.90E-02	4.41E-03	1.90E+01	4.33E-08	4.40E-07	4.17E+01	1.40E+00	5.71E-03	1.79E-01	6.10E-02	6.59E-01	1.17E+02	2.91E+00	5.27E-07	2.80E-07	1.15E-02	3.07E-04	1.62E+00	1.31E+00	1.24E+02	6.86E-03	1.23E+02	1.30E+02	2.72E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+00
MCS632E	3.67E-02	3.41E+00	-1.01E-02	3.44E+00	2.70E-06	0.00E+00	1.54E+03	5.77E-04	2.30E-03	2.51E-02	4.21E-03	1.43E+01	2.97E-08	3.85E-07	3.10E+01	1.58E+00	5.67E-03	1.91E-01	5.19E-02	6.25E-01	1.27E+02	2.94E+00	6.21E-07	2.35E-07	1.03E-02	2.58E-04	1.49E+00	1.01E+00	1.30E+02	8.61E-03	1.30E+02	1.32E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MCS640	5.00E-02	3.54E+00	1.33E-03	3.52E+00	2.65E-06	0.00E+00	2.07E+03	5.05E-04	2.79E-03	2.95E-02	4.35E-03	1.97E+01	4.50E-08	4.53E-07	4.32E+01	1.44E+00	5.71E-03	1.77E-01	6.19E-02	6.84E-01	1.18E+02	2.92E+00	5.78E-07	2.91E-07	1.16E-02	3.05E-04	1.60E+00	9.86E-01	1.24E+02	6.91E-03	1.24E+02	1.29E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00
MCS640E	3.82E-02	2.69E+00	-1.30E-03	2.70E+00	2.66E-06	0.00E+00	1.10E+03	5.75E-04	1.90E-03	2.16E-02	4.21E-03	1.49E+01	2.33E-08	3.90E-07	3.19E+01	1.60E+00	5.69E-03	1.92E-01	5.40E-02	6.01E-01	1.27E+02	2.24E+00	6.77E-07	2.49E-07	1.01E-02	2.58E-04	1.39E+00	6.64E-01	1.30E+02	8.71E-03	1.30E+02	1.33E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MCU110P	5.95E-03	8.05E-01	-1.13E-02	8.03E-01	8.05E-08	0.00E+00	7.33E+02	2.75E-05	6.73E-04	7.37E-03	8.15E-04	1.06E+00	1.43E-08	3.03E-08	2.17E+00	5.52E-02	1.11E-03	4.25E-02	6.95E-03	1.12E-01	3.65E+01	1.05E+00	1.09E-07	3.85E-08	2.08E-03	5.79E-05	2.02E-01	2.19E-01	3.73E+01	1.05E-04	3.73E+01	3.79E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MCU116P	5.98E-03	8.04E-01	-1.13E-02	8.03E-01	7.30E-08	0.00E+00	7.34E+02	2.78E-05	6.89E-04	7.53E-03	8.14E-04	1.06E+00	1.43E-08	3.06E-08	2.18E+00	5.67E-02	1.11E-03	4.25E-02	6.18E-03	1.15E-01	3.68E+01	1.05E+00	1.10E-07	3.85E-08	2.08E-03	5.80E-05	2.02E-01	2.19E-01	3.76E+01	1.06E-04	3.76E+01	3.81E+01	4.09E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCU120P	5.96E-03	8.16E-01	-1.13E-02	8.09E-01	7.30E-08	0.00E+00	7.33E+02	2.76E-05	6.97E-04	7.53E-03	8.15E-04	1.06E+00	3.83E-08	3.04E-08	2.17E+00	5.55E-02	1.11E-03	4.28E-02	7.00E-03	1.16E-01	3.72E+01	1.05E+00	1.09E-07	3.85E-08	2.08E-03	5.97E-05	2.02E-01	2.44E-01	3.81E+01	1.07E-04	3.81E+01	3.87E+01	4.16E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MCU125P	9.48E-03	1.25E+00	-8.66E-03	1.27E+00	2.80E-07	0.00E+00	7.24E+02	5.34E-05	9.88E-04	1.06E-02	9.92E-04	2.13E+00	1.84E-07	7.14E-08	4.36E+00	1.43E-01	1.37E-03	4.68E-02	1.29E-02	2.26E-01	3.81E+01	1.32E+00	1.77E-07	6.00E-08	3.71E-03	6.39E-05	4.12E-01	2.64E-01	3.89E+01	1.57E-04	3.89E+01	3.91E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.49E-01
MCU132P	1.18E-02	1.29E+00	-4.51E-03	1.30E+00	2.99E-07	0.00E+00	7.28E+02	1.05E-04	9.50E-04	1.02E-02	1.03E-03	2.92E+00	1.90E-07	1.07E-07	5.86E+00	2.73E-01	1.42E-03	4.66E-02	2.51E-02	2.30E-01	3.68E+01	1.33E+00	1.87E-07	7.33E-08	3.73E-03	6.97E-05	5.07E-01	2.52E-01	3.77E+01	1.60E-04	3.77E+01	3.78E+01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MCU140P	1.17E-02	1.28E+00	-4.19E-03	1.29E+00	2.99E-07	0.00E+00	7.28E+02	1.14E-04	9.49E-04	1.02E-02	1.05E-03	3.39E+00	1.90E-07	1.09E-07	6.71E+00	2.96E-01	1.46E-03	4.51E-02	2.52E-02	2.32E-01	3.60E+01	1.33E+00	1.87E-07	7.29E-08	3.73E-03	7.02E-05	5.05E-01	2.43E-01	3.70E+01	1.66E-04	3.69E+01	3.72E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MCU150P	1.41E-02	1.28E+00	-7.54E-04	1.27E+00	6.84E-07	0.00E+00	7.24E+02	1.08E-04	9.90E-04	1.08E-02	1.11E-03	4.11E+00	1.58E-08	1.25E-07	7.34E+00	2.93E-01	1.49E-03	4.66E-02	2.65E-02	2.42E-01	3.50E+01	1.35E+00	2.16E-07	9.18E-08	4.00E-03	8.14E-05	5.51E-01	2.66E-01	3.59E+01	3.40E-04	3.58E+01	3.61E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MCU163P	1.49E-02	1.30E+00	-7.52E-04	1.30E+00	7.05E-07	0.00E+00	7.25E+02	1.38E-04	9.92E-04	1.08E-02	1.12E-03	6.15E+00	1.59E-08	1.51E-07	1.32E+01	3.80E-01	1.50E-03	4.67E-02	2.69E-02	2.42E-01	3.49E+01	1.35E+00	2.22E-07	9.53E-08	4.01E-03	8.15E-05	5.85E-01	2.68E-01	3.58E+01	3.81E-04	3.58E+01	3.62E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCU206P	2.14E-02	2.42E+00	-1.91E-02	2.39E+00	7.74E-07	0.00E+00	1.43E+03	6.04E-05	1.92E-03	2.07E-02	2.04E-03	2.31E+00	2.33E-08	9.39E-08	4.84E+00	1.48E-01	2.74E-03	8.64E-02	2.70E-02	4.03E-01	7.04E+01	2.19E+00	3.05E-07	1.36E-07	7.21E-03	1.52E-04	7.20E-01	4.96E-01	7.26E+01	4.58E-03	7.29E+01	7.44E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MCU210P	9.92E-03	1.56E+00	-2.37E-02	1.59E+00	2.03E-07	0.00E+00	1.72E+03	5.24E-05	1.14E-03	1.23E-02	1.60E-03	2.19E+00	1.92E-08	6.29E-08	4.42E+00	1.05E-01	2.24E-03	6.37E-02	1.22E-02	2.18E-01	4.69E+01	2.21E+00	1.37E-07	6.39E-08	4.04E-03	7.26E-05	3.99E-01	4.72E-01	4.90E+01	1.22E-04	4.90E+01	4.99E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCU216P	9.86E-03	1.55E+00	-2.32E-02	1.57E+00	1.67E-07	0.00E+00	1.73E+03	5.82E-05	1.14E-03	1.23E-02	1.60E-03	2.33E+00	2.00E-08	6.68E-08	4.88E+00	1.06E-01	2.24E-03	6.37E-02	1.24E-02	2.15E-01	4.67E+01	2.20E+00	1.38E-07	6.43E-08	4.02E-03	7.27E-05	4.32E-01	4.57E-01	4.89E+01	1.24E-04	4.89E+01	4.97E+01	8.44E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
MCU220P	1.83E-02	2.23E+00	-1.85E-02	2.26E+00	7.78E-07	0.00E+00	1.56E+03	1.35E-04	1.93E-03	2.04E-02	1.87E-03	3.35E+00	2.06E-07	1.02E-07	7.37E+00	3.06E-01	2.47E-03	8.68E-02	2.26E-02	3.83E-01	7.01E+01	2.20E+00	2.64E-07	1.18E-07	6.62E-03	1.30E-04	8.28E-01	4.75E-01	7.20E+01	5.73E-04	7.20E+01	7.40E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCU225P	2.28E-02	2.51E+00	-1.70E-02	2.49E+00	9.23E-07	0.00E+00	1.46E+03	2.09E-04	1.84E-03	1.95E-02	2.11E-03	6.87E+00	3.01E-07	2.14E-07	1.52E+01	4.74E-01	2.81E-03	8.72E-02	3.27E-02	4.18E-01	7.04E+01	2.39E+00	3.05E-07	1.36E-07	7.45E-03	1.48E-04	1.03E+00	4.98E-01	7.25E+01	4.53E-03	7.29E+01	7.42E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCU232P	2.38E-02	2.54E+00	-1.35E-02	2.52E+00	1.15E-06	0.00E+00	1.48E+03	2.13E-04	1.83E-03	1.94E-02	2.13E-03	7.23E+00	3.19E-07	2.31E-07	1.58E+01	4.96E-01	2.83E-03	8.71E-02	3.98E-02	4.35E-01	7.02E+01	2.60E+00	3.15E-07	1.44E-07	7.48E-03	1.52E-04	1.05E+00	4.88E-01	7.25E+01	4.60E-03	7.26E+01	7.40E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCU240P	2.46E-02	2.54E+00	-1.29E-02	2.54E+00	1.02E-06	0.00E+00	1.47E+03	2.43E-04	1.83E-03	1.94E-02	2.11E-03	7.19E+00	3.37E-07	2.41E-07	1.59E+01	5.30E-01	2.81E-03	8.70E-02	4.52E-02	4.52E-01	7.06E+01	2.62E+00	4.17E-07	1.50E-07	7.49E-03	1.52E-04	1.09E+00	4.98E-01	7.27E+01	4.60E-03	7.31E+01	7.45E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
MCU250P	2.65E-02	2.51E+00	-3.42E-03	2.51E+00	1.53E-06	0.00E+00	9.72E+02	2.28E-04	1.38E-03	1.46E-02	2.14E-03	8.32E+00	1.95E-08	2.62E-07	1.76E+01	4.90E-01	2.86E-03	8.66E-02	5.11E-02	4.38E-01	6.94E+01	1.68E+00	3.10E-07	1.69E-07	7.68E-03	1.68E-04	1.03E+00	4.77E-01	7.19E+01	4.49E-03	7.20E+01	7.35E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
MCU263P	3.15E-02	2.56E+00	-4.32E-04	2.56E+00	1.52E-06	0.00E+00	1.51E+03	2.34E-04	1.90E-03	2.01E-02	2.25E-03	1.17E+01	2.26E-08	3.11E-07	2.08E+01	5.25E-01	3.04E-03	8.64E-02	5.39E-02	4.59E-01	6.91E+01	2.61E+00	4.49E-07	1.90E-07	7.92E-03	1.70E-04	1.33E+00	4.85E-01	7.16E+01	4.53E-03	7.17E+01	7.32E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
MCU306P	2.53E-02	3.28E+00	-3.35E-02	3.37E+00	1.53E-06	0.00E+00	1.65E+03	1.26E-04	2.64E-03	2.84E-02	2.99E-03	4.12E+00	2.76E-08	1.74E-07	7.79E+00	2.81E-01	4.05E-03	1.23E-01	5.17E-02	6.06E-01	9.51E+01	2.94E+00	4.49E-07	1.73E-07	1.00E-02	2.19E-04	1.03E+00	7.63E-01	9.93E+01	6.44E-03	9.97E+01	1.02E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MCU310P	1.99E-02	2.86E+00	-5.02E-02	2.90E+00	1.12E-06	0.00E+00	1.94E+03	7.17E-05	1.97E-03	2.04E-02	2.73E-03	3.98E+00	4.43E-08	1.26E-07	6.76E+00	1.55E-01	3.86E-03	1.25E-01	2.19E-02	4.20E-01	1.04E+02	3.04E+00	4.16E-07	1.35E-07	8.24E-03	1.83E-04	6.82E-01	1.23E+00	1.06E+02	3.18E-04	1.07E+02	1.07E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCU316P	1.54E-02	2.07E+00	-3.35E-02	2.09E+00	1.08E-06	0.00E+00	1.77E+03	1.14E-04	1.40E-03	1.51E-02	2.39E-03	4.38E+00	2.29E-08	1.08E-07	9.10E+00	2.22E-01	3.28E-03	1.05E-01	2.06E-02	3.27E-01	6.95E+01	2.67E+00	3.93E-07	9.81E-08	5.92E-03	1.37E-04	6.11E-01	7.42E-01	7.27E+01	2.12E-04	7.31E+01	7.58E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MCU320P	2.61E-02	2.54E+00	-2.37E-02	2.53E+00	1.33E-06	0.00E+00	1.80E+03	2.11E-04	2.44E-03	2.52E-02	2.77E-03	7.23E+00	3.29E-07	2.05E-07	1.57E+01	4.35E-01	3.78E-03	1.24E-01	3.21E-02	4.98E-01	1.02E+02	2.65E+00	4.46E-07	1.74E-07	9.48E-03	1.98E-04	1.10E+00	6.85E-01	1.05E+02	6.81E-04	1.05E+02	1.07E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MCU325P	2.92E-02	3.54E+00	-2.80E-02	3.58E+00	1.60E-06	0.00E+00	1.65E+03	2.39E-04	2.85E-03	3.01E-02	3.04E-03	8.05E+00	4.59E-07	2.61E-07	1.74E+01	4.89E-01	4.11E-03	1.24E-01	5.45E-02	6.55E-01	9.24E+01	2.89E+00	4.60E-07	1.94E-07	1.10E-02	2.13E-04	1.27E+00	7.66E-01	9.46E+01	6.39E-03	9.47E+01	9.65E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
MCU332P	3.63E-02	3.81E+00	-1.87E-02	3.85E+00	1.63E-06	0.00E+00	1.71E+03	3.67E-04	2.78E-03	2.97E-02	3.12E-03	1.03E+01	4.77E-07	3.33E-07	2.30E+01	8.85E-01	4.23E-03	1.25E-01	7.07E-02	7.19E-01	9.34E+01	2.89E+00	5.18E-07	2.29E-07	1.14E-02	2.29E-04	1.49E+00	7.61E-01	9.58E+01	6.38E-03	9.59E+01	9.74E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MCU340P	3.86E-02	3.87E+00	-1.42E-02	3.87E+00	1.63E-06	0.00E+00	1.72E+03	3.68E-04	2.79E-03	3.00E-02	3.17E-03	1.16E+01	4.77E-07	3.56E-07	2.47E+01	8.92E-01	4.31E-03	1.24E-01	7.56E-02	7.47E-01	9.28E+01	2.91E+00	6.29E-07	2.48E-07	1.15E-02	2.39E-04	1.53E+00	7.68E-01	9.51E+01	6.41E-03	9.52E+01	9.71E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+00
MCU350P	4.57E-02	3.94E+00	-8.78E-04	3.91E+00	1.73E-06	0.00E+00	1.69E+03	3.40E-04	2.97E-03	3.16E-02	3.32E-03	1.77E+01	2.77E-08	4.45E-07	3.57E+01	9.09E-01	4.48E-03	1.29E-01	8.47E-02	7.78E-01	9.34E+01	2.97E+00	6.13E-07	2.92E-07	1.23E-02	2.78E-04	1.64E+00	7.87E-01	9.53E+01	6.38E-03	9.53E+01	9.77E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+00
MCU363P	4.58E-02	3.98E+00	-1.56E-04	3.94E+00	1.76E-06	0.00E+00	1.75E+03	3.58E-04	2.97E-03	3.18E-02	3.32E-03	1.77E+01	2.77E-08	4.46E-07	3.61E+01	9.50E-01	4.49E-03	1.30E-01	8.54E-02	7.83E-01	9.30E+01	2.92E+00	6.73E-07	2.94E-07	1.25E-02	2.79E-04	1.71E+00	7.80E-01	9.51E+01	6.37E-03	9.50E+01	9.73E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.62E+00
MCU406P	1.07E-02	9.93E-01	-6.96E-03	9.85E-01	1.01E-06	0.00E+00	1.08E+03	1.18E-04	9.16E-04	1.01E-02	1.04E-03	3.76E+00	2.21E-08	1.08E-07	5.61E+00	2.61E-01	1.07E-03	5.17E-02	2.02E-02	9.31E-02	2.74E+01	1.32E+00	3.85E-07	6.92E-08	2.31E-03	2.84E-05	5.35E-01	4.17E-01	2.76E+01	4.59E-03	2.75E+01	2.71E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-01
MCU410P	2.42E-02	2.91E+00	-3.73E-02	2.92E+00	1.51E-06	0.00E+00	2.25E+03	1.67E-04	2.06E-03	2.21E-02	3.19E-03	7.14E+00	4.46E-08	1.70E-07	1.51E+01	3.08E-01	4.49E-03	1.49E-01	4.24E-02	5.18E-01	1.06E+02	3.25E+00	5.63E-07	1.63E-07	9.02E-03	2.14E-04	7.55E-01	8.85E-01	1.09E+02	3.68E-04	1.09E+02	1.10E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCU416P	2.48E-02	2.87E+00	-2.55E-02	2.85E+00	1.47E-06	0.00E+00	2.01E+03	1.91E-04	2.07E-03	2.26E-02	3.17E-03	7.60E+00	2.55E-08	1.97E-07	1.55E+01	3.35E-01	4.47E-03	1.41E-01	4.40E-02	5.14E-01	1.05E+02	3.29E+00	5.38E-07	1.73E-07	9.08E-03	2.14E-04	7.81E-01	7.23E-01	1.08E+02	4.00E-04	1.08E+02	1.09E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00

MCU420P	3.20E-02	3.48E+00	-2.91E-02	3.50E+00	1.61E-06	0.00E+00	2.07E+03	2.03E-04	2.86E-03	3.08E-02	3.76E-03	1.14E+01	3.36E-07	2.41E-07	2.03E+01	4.54E-01	5.21E-03	1.63E-01	5.86E-02	6.41E-01	1.23E+02	3.86E+00	5.36E-07	2.14E-07	1.07E-02	2.58E-04	1.19E+00	9.00E-01	1.26E+02	1.14E-03	1.27E+02	1.30E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
MCU425P	3.68E-02	3.67E+00	-2.15E-02	3.67E+00	1.66E-06	0.00E+00	1.90E+03	4.20E-04	2.80E-03	2.93E-02	4.03E-03	1.22E+01	4.67E-07	3.45E-07	2.53E+01	1.06E+00	5.56E-03	1.64E-01	7.24E-02	7.03E-01	1.12E+02	2.88E+00	5.44E-07	2.30E-07	1.07E-02	2.89E-04	1.51E+00	9.11E-01	1.18E+02	6.38E-03	1.18E+02	1.25E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+00
MCU432P	3.91E-02	3.75E+00	-1.94E-02	3.74E+00	1.75E-06	0.00E+00	1.90E+03	5.38E-04	2.72E-03	2.90E-02	4.09E-03	1.41E+01	4.77E-07	3.66E-07	2.73E+01	1.41E+00	5.66E-03	1.77E-01	7.36E-02	7.33E-01	1.07E+02	2.90E+00	5.71E-07	2.44E-07	1.08E-02	2.93E-04	1.55E+00	9.11E-01	1.10E+02	6.40E-03	1.11E+02	1.17E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+00
MCU440P	4.02E-02	3.78E+00	-1.66E-02	3.76E+00	1.76E-06	0.00E+00	1.89E+03	5.13E-04	2.73E-03	2.94E-02	4.11E-03	1.43E+01	4.77E-07	3.72E-07	2.89E+01	1.37E+00	5.66E-03	1.77E-01	7.51E-02	7.44E-01	1.06E+02	2.89E+00	6.28E-07	2.50E-07	1.08E-02	2.92E-04	1.54E+00	9.12E-01	1.11E+02	6.40E-03	1.11E+02	1.16E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+00
MCU450P	4.76E-02	3.85E+00	-4.35E-04	3.79E+00	1.81E-06	0.00E+00	1.83E+03	5.62E-04	2.91E-03	3.10E-02	4.20E-03	2.24E+01	3.01E-08	5.27E-07	4.32E+01	1.51E+00	6.01E-03	1.75E-01	8.51E-02	7.79E-01	1.04E+02	2.95E+00	6.62E-07	3.07E-07	1.15E-02	3.03E-04	2.07E+00	8.93E-01	1.10E+02	6.37E-03	1.09E+02	1.16E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+00
MCU463P	4.79E-02	3.88E+00	-5.61E-04	3.83E+00	1.83E-06	0.00E+00	1.83E+03	5.62E-04	2.91E-03	3.11E-02	4.18E-03	2.29E+01	3.93E-08	5.33E-07	4.37E+01	1.50E+00	6.07E-03	1.76E-01	8.49E-02	8.00E-01	1.04E+02	2.91E+00	6.68E-07	3.13E-07	1.16E-02	3.04E-04	2.07E+00	9.14E-01	1.09E+02	6.39E-03	1.09E+02	1.15E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+00
MCX106P	8.22E-03	1.16E+00	-8.79E-03	1.15E+00	6.89E-07	0.00E+00	7.34E+02	4.37E-05	9.47E-04	1.02E-02	9.50E-04	1.84E+00	5.06E-08	6.08E-08	4.15E+00	1.02E-01	1.31E-03	4.60E-02	1.10E-02	2.11E-01	3.85E+01	1.30E+00	1.62E-07	5.46E-08	3.50E-03	6.02E-05	3.74E-01	2.60E-01	3.95E+01	1.61E-04	3.95E+01	3.98E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	4.57E-01
MCX110P	7.77E-03	1.15E+00	-9.11E-03	1.15E+00	6.80E-07	0.00E+00	6.88E+02	4.07E-05	7.87E-04	8.82E-03	9.48E-04	1.83E+00	4.01E-08	4.46E-08	4.13E+00	8.35E-02	1.24E-03	4.89E-02	1.09E-02	1.76E-01	3.75E+01	1.27E+00	1.56E-07	5.32E-08	3.20E-03	5.78E-05	3.01E-01	2.60E-01	3.88E+01	1.43E-04	3.88E+01	3.91E+01	6.10E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-01
MCX116P	7.88E-03	1.11E+00	-8.95E-03	1.12E+00	6.70E-07	0.00E+00	6.88E+02	4.27E-05	6.87E-04	7.74E-03	9.24E-04	1.94E+00	6.38E-08	4.50E-08	4.02E+00	1.09E-01	1.27E-03	4.52E-02	1.10E-02	1.73E-01	3.78E+01	1.20E+00	1.56E-07	5.34E-08	3.45E-03	5.94E-05	3.19E-01	2.32E-01	3.86E+01	1.46E-04	3.86E+01	3.89E+01	5.79E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-01
MCX120P	8.05E-03	1.16E+00	-9.18E-03	1.17E+00	6.79E-07	0.00E+00	6.87E+02	4.53E-05	8.02E-04	8.83E-03	9.33E-04	2.02E+00	1.66E-07	5.23E-08	4.16E+00	1.18E-01	1.29E-03	4.63E-02	1.11E-02	1.95E-01	3.76E+01	1.21E+00	1.63E-07	5.44E-08	3.47E-03	6.14E-05	3.27E-01	2.61E-01	3.85E+01	1.49E-04	3.85E+01	3.88E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MCX125P	8.96E-03	1.25E+00	-8.68E-03	1.26E+00	6.99E-07	0.00E+00	7.35E+02	5.34E-05	9.26E-04	9.99E-03	9.86E-04	1.99E+00	1.72E-07	7.06E-08	4.31E+00	1.54E-01	1.36E-03	4.44E-02	1.23E-02	2.27E-01	3.82E+01	1.32E+00	1.79E-07	5.82E-08	3.50E-03	6.39E-05	4.09E-01	2.39E-01	3.90E+01	1.62E-04	3.90E+01	3.93E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
MCX132P	1.18E-02	1.29E+00	-3.74E-03	1.29E+00	7.23E-07	0.00E+00	7.38E+02	1.14E-04	9.04E-04	9.69E-03	1.00E-03	3.31E+00	1.76E-07	1.08E-07	6.72E+00	2.82E-01	1.39E-03	4.38E-02	2.50E-02	2.34E-01	3.67E+01	1.33E+00	1.91E-07	7.31E-08	3.58E-03	6.89E-05	5.00E-01	2.42E-01	3.80E+01	1.66E-04	3.79E+01	3.84E+01	7.87E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCX140P	1.18E-02	1.29E+00	-4.08E-03	1.29E+00	7.24E-07	0.00E+00	7.39E+02	1.06E-04	9.07E-04	9.75E-03	1.00E-03	2.98E+00	1.78E-07	1.05E-07	6.07E+00	2.69E-01	1.39E-03	4.62E-02	2.51E-02	2.33E-01	3.65E+01	1.33E+00	1.91E-07	7.32E-08	3.59E-03	6.86E-05	5.30E-01	2.64E-01	3.80E+01	1.70E-04	3.80E+01	3.85E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MD106P	8.37E-03	1.16E+00	-9.05E-03	1.15E+00	2.02E-07	0.00E+00	7.25E+02	4.46E-05	1.02E-03	1.10E-02	9.87E-04	1.80E+00	5.14E-08	6.72E-08	3.99E+00	1.04E-01	1.36E-03	4.70E-02	1.15E-02	2.09E-01	3.86E+01	1.28E+00	1.61E-07	5.55E-08	3.69E-03	6.06E-05	3.90E-01	2.63E-01	3.95E+01	1.53E-04	3.95E+01	3.97E+01	6.80E-01	0.00E+00	0.00E+00	0.00E+00	4.88E-01
MD110P	7.80E-03	1.16E+00	-8.88E-03	1.15E+00	1.84E-07	0.00E+00	6.91E+02	4.00E-05	9.62E-04	1.05E-02	9.21E-04	1.77E+00	4.08E-08	4.58E-08	4.00E+00	8.67E-02	1.26E-03	4.54E-02	1.10E-02	1.90E-01	3.77E+01	1.21E+00	1.55E-07	5.37E-08	3.50E-03	5.96E-05	3.04E-01	2.31E-01	3.86E+01	1.40E-04	3.86E+01	3.91E+01	6.01E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MD116P	8.07E-03	1.17E+00	-9.24E-03	1.16E+00	1.85E-07	0.00E+00	6.92E+02	3.97E-05	9.74E-04	1.06E-02	9.32E-04	1.91E+00	6.59E-08	5.52E-08	4.05E+00	8.25E-02	1.29E-03	4.71E-02	1.11E-02	1.92E-01	3.80E+01	1.20E+00	1.55E-07	5.46E-08	3.62E-03	5.94E-05	3.10E-01	2.45E-01	3.87E+01	1.42E-04	3.87E+01	3.93E+01	6.35E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MD120P	7.60E-03	1.05E+00	-8.78E-03	1.09E+00	2.60E-07	0.00E+00	6.93E+02	4.30E-05	6.27E-04	7.30E-03	9.07E-04	1.71E+00	1.76E-07	3.99E-08	3.67E+00	1.12E-01	1.22E-03	4.51E-02	1.08E-02	1.36E-01	3.77E+01	1.20E+00	1.61E-07	4.98E-08	2.85E-03	5.72E-05	2.99E-01	2.14E-01	3.80E+01	1.28E-04	3.80E+01	3.88E+01	4.91E-01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MD132P	1.19E-02	1.29E+00	-3.71E-03	1.30E+00	3.21E-07	0.00E+00	7.27E+02	1.07E-04	9.54E-04	1.03E-02	1.04E-03	3.21E+00	1.92E-07	1.07E-07	6.20E+00	2.78E-01	1.44E-03	4.70E-02	2.52E-02	2.31E-01	3.65E+01	1.32E+00	1.87E-07	7.42E-08	3.70E-03	6.95E-05	5.16E-01	2.66E-01	3.74E+01	1.63E-04	3.73E+01	3.75E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MD206P	2.13E-02	2.39E+00	-1.86E-02	2.36E+00	4.47E-07	0.00E+00	1.43E+03	5.87E-05	1.86E-03	1.99E-02	1.95E-03	2.27E+00	6.37E-08	8.82E-08	4.64E+00	1.35E-01	2.69E-03	8.48E-02	2.37E-02	4.22E-01	7.07E+01	2.14E+00	3.02E-07	1.31E-07	7.05E-03	1.46E-04	6.58E-01	4.74E-01	7.27E+01	2.10E-04	7.26E+01	7.27E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MD210P	1.55E-02	2.16E+00	-2.21E-02	2.21E+00	3.81E-07	0.00E+00	1.43E+03	6.64E-05	1.91E-03	2.01E-02	1.81E-03	2.49E+00	5.28E-08	8.51E-08	5.24E+00	1.30E-01	2.49E-03	8.59E-02	1.89E-02	3.85E-01	7.04E+01	2.06E+00	2.66E-07	1.08E-07	6.50E-03	1.26E-04	6.57E-01	4.92E-01	7.13E+01	1.82E-04	7.12E+01	7.21E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-01
MD216P	1.67E-02	2.16E+00	-2.08E-02	2.19E+00	3.19E-07	0.00E+00	1.43E+03	8.55E-05	1.91E-03	2.01E-02	1.82E-03	2.57E+00	8.69E-08	8.12E-08	5.18E+00	1.78E-01	2.50E-03	8.56E-02	1.99E-02	3.91E-01	7.00E+01	2.06E+00	2.66E-07	1.13E-07	6.70E-03	1.26E-04	6.85E-01	4.74E-01	7.12E+01	1.92E-04	7.12E+01	7.19E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-01
MD220P	1.86E-02	2.21E+00	-2.06E-02	2.26E+00	4.64E-07	0.00E+00	1.45E+03	1.22E-04	1.87E-03	1.96E-02	1.82E-03	3.15E+00	2.38E-07	9.92E-08	7.11E+00	2.85E-01	2.51E-03	8.55E-02	2.24E-02	4.07E-01	7.04E+01	2.11E+00	2.66E-07	1.18E-07	6.81E-03	1.28E-04	7.14E-01	4.82E-01	7.15E+01	1.98E-04	7.15E+01	7.21E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MD225P	2.34E-02	2.48E+00	-1.34E-02	2.46E+00	5.94E-07	0.00E+00	1.44E+03	2.02E-04	1.84E-03	1.96E-02	2.04E-03	6.69E+00	2.66E-07	2.05E-07	1.49E+01	4.83E-01	2.74E-03	8.64E-02	3.15E-02	4.42E-01	7.02E+01	2.33E+00	3.02E-07	1.39E-07	7.32E-03	1.50E-04	9.49E-01	4.75E-01	7.18E+01	2.56E-04	7.17E+01	7.19E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MD263P	2.47E-02	1.82E+00	-1.66E-02	1.86E+00	1.40E-06	0.00E+00	1.63E+03	3.22E-04	1.56E-03	1.69E-02	2.11E-03	1.06E+01	2.96E-07	3.23E-07	2.03E+01	8.71E-01	2.97E-03	1.03E-01	3.53E-02	3.89E-01	6.26E+01	2.38E+00	4.16E-07	1.50E-07	5.81E-03	1.37E-04	1.27E+00	6.27E-01	6.41E+01	3.40E-03	6.43E+01	6.52E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MD306P	2.38E-02	3.04E+00	-2.37E-02	3.08E+00	1.14E-06	0.00E+00	2.09E+03	1.10E-04	2.31E-03	2.48E-02	2.94E-03	3.81E+00	8.10E-08	1.72E-07	7.51E+00	2.62E-01	3.99E-03	1.26E-01	3.70E-02	5.32E-01	1.01E+02	3.53E+00	3.99E-07	1.52E-07	8.61E-03	1.89E-04	9.92E-01	7.09E-01	1.05E+02	4.28E-04	1.04E+02	1.07E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MD310P	2.20E-02	3.06E+00	-3.25E-02	3.09E+00	1.01E-06	0.00E+00	2.00E+03	1.50E-04	2.19E-03	2.36E-02	2.74E-03	6.27E+00	7.05E-08	1.61E-07	1.38E+01	3.50E-01	3.72E-03	1.25E-01	2.63E-02	4.55E-01	1.02E+02	3.18E+00	3.95E-07	1.43E-07	7.91E-03	1.79E-04	9.93E-01	7.58E-01	1.04E+02	3.73E-04	1.05E+02	1.06E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MD316P	2.37E-02	3.09E+00	-3.33E-02	3.12E+00	1.07E-06	0.00E+00	2.04E+03	1.65E-04	2.51E-03	2.68E-02	2.80E-03	6.59E+00	1.65E-07	1.79E-07	1.40E+01	3.68E-01	3.82E-03	1.26E-01	2.87E-02	4.88E-01	1.02E+02	3.28E+00	3.97E-07	1.48E-07	9.03E-03	1.81E-04	1.05E+00	7.52E-01	1.04E+02	3.90E-04	1.05E+02	1.07E+02	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MD320P	2.68E-02	3.15E+00	-2.45E-02	3.17E+00	8.89E-07	0.00E+00	2.02E+03	2.10E-04	2.56E-03	2.82E-02	2.84E-03	6.70E+00	4.34E-07	1.90E-07	1.41E+01	4.33E-01	3.86E-03	1.26E-01	3.07E-02	5.18E-01	9.82E+01	3.33E+00	4.23E-07	1.77E-07	9.19E-03	1.84E-04	1.18E+00	6.97E-01	1.02E+02	3.89E-04	1.02E+02	1.04E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
MD325P	3.06E-02	3.33E+00	-2.36E-02	3.34E+00	1.18E-06	0.00E+00	2.12E+03	2.34E-04	2.55E-03	2.73E-02	3.09E-03	8.51E+00	4.35E-07	2.55E-07	1.82E+01	4.99E-01	4.18E-03	1.27E-01	5.00E-02	6.06E-01	1.03E+02	3.59E+00	4.61E-07	2.02E-07	9.86E-03	2.22E-04	1.26E+00	8.50E-01	1.04E+02	4.75E-04	1.05E+02	1.08E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MD332P	3.64E-02	2.55E+00	-9.53E-03	2.55E+00	1.17E-06	0.00E+00	2.08E+03	3.70E-04	2.33E-03	2.47E-02	3.16E-03	1.31E+01	4.54E-07	3.46E-07	2.53E+01	9.20E-01	4.29E-03	1.27E-01	6.25E-02	6.52E-01	1.05E+02	2.52E+00	5.32E-07	2.31E-07	9.96E-03	2.32E-04	1.33E+00	6.88E-01	1.10E+02	5.04E-04	1.10E+02	1.11E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00
MD340P	3.86E-02	3.80E+00	-1.15E-02	3.82E+00	1.13E-06	0.00E+00	2.13E+03	3.63E-04	2.65E-03	2.84E-02	3.13E-03	1.30E+01	4.57E-07	3.53E-07	2.55E+01	8.82E-01	4.24E-03	1.26E-01	7.18E-02	7.19E-01	1.10E+02	3.84E+00	6.29E-07	2.47E-07	1.06E-02	2.35E-04	1.50E+00	7.60E-01	1.12E+02	5.35E-04	1.13E+02	1.14E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+00
MD350P	3.34E-02	3.15E+00	-1.38E-02	3.27E+00	2.01E-06	0.00E+00	2.25E+03	3.52E-04	2.08E-03	2.24E-02	3.25E-03	1.22E+01	2.91E-07	3.55E-07	2.30E+01	9.56E-01	4.79E-03	1.73E-01	4.94E-02	5.78E-01	1.21E+02	3.45E+00	4.66E-07	2.18E-07	8.56E-03	2.22E-04	1.27E+00	7.89E-01	1.22E+02	3.14E-03	1.22E+02	1.28E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
MD363P	3.35E-02	3.02E+00	-1.25E-02	3.07E+00	1.97E-06	0.00E+00	2.01E+03	3.60E-04	2.11E-03	2.26E-02	3.14E-03	1.24E+01	2.91E-07	3.59E-07	2.40E+01	9.85E-01	4.45E-03	1.33E-01	4.97E-02	5.83E-01	1.02E+02	3.42E+00	4.87E-07	2.20E-07	8.63E-03	2.23E-04	1.28E+00	7.83E-01	1.04E+02	3.14E-03	1.04E+02	1.06E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
MD440P	4.12E-02	3.75E+00	-1.32E-02	3.75E+00	1.37E-06	0.00E+00	2.23E+03	5.12E-04	2.64E-03	2.87E-02	4.17E-03	1.60E+01	4.62E-07	3.89E-07	3.20E+01	1.39E+00	5.66E-03	1.79E-01	7.47E-02	7.25E-01	1.17E+02	4.00E+00	6.32E-07	2.59E-07	1.06E-02	2.91E-04	1.52E+00	9.11E-01	1.20E+02	1.04E-03	1.20E+02	1.23E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+00
MDN101P	9.18E-03	1.01E+00	-1.57E-02	1.05E+00	9.15E-07	0.00E+00	5.84E+02	5.03E-05	6.67E-04	7.16E-03	1.14E-03	2.40E+00	2.45E-08	7.97E-08	5.19E+00	1.22E-01	1.52E-03	5.03E-02	1.37E-02	2.46E-01	3.57E+01	1.28E+00	1.16E-07	6.18E-08	2.71E-03	1.20E-04	4.44E-01	3.95E-01	3.62E+01	3.00E-04	3.65E+01	3.69E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-01
MDN102P	9.81E-03	1.21E+00	-7.85E-03	1.22E+00	6.76E-07	0.00E+00	6.50E+02	5.50E-05	9.38E-04	1.01E-02	1.10E-03	2.22E+00	1.68E-08	7.47E-08	4.64E+00	1.36E-01	1.48E-03	4.56E-02	1.25E-02	2.19E-01	3.65E+01	1.26E+00	1.57E-07	6.33E-08	3.84E-03	6.43E-05	3.68E-01	2.43E-01	3.73E+01	1.49E-04	3.72E+01	3.79E+01	6.78E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MDN103P	9.77E-03	1.21E+00	-8.17E-03	1.22E+00	6.75E-07	0.00E+00	6.51E+02	5.40E-05	9.29E-04	1.01E-02	1.09E-03	2.24E+00	1.69E-08	7.43E-08	4.63E+00	1.31E-01	1.47E-03	4.74E-02	1.25E-02	2.27E-01	3.68E+01	1.26E+00	1.57E-07	6.31E-08	3.84E-03	6.95E-05	3.70E-01	2.65E-01	3.77E+01	1.48E-04	3.77E+01	3.82E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MDN104P	9.77E-03	1.21E+00	-8.17E-03	1.22E+00	6.75E-07	0.00E+00	6.51E+02	5.40E-05	9.29E-04	1.01E-02	1.09E-03	2.24E+00	1.69E-08	7.43E-08	4.63E+00	1.31E-01	1.47E-03	4.74E-02	1.25E-02	2.27E-01	3.68E+01	1.26E+00	1.57E-07	6.31E-08	3.84E-03	6.95E-05	3.70E-01	2.65E-01	3.77E+01	1.48E-04	3.77E+01	3.82E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
MDN106P	9.42E-03	1.15E+00	-8.83E-03	1.14E+00	6.69E-07	0.00E+00	6.78E+02	4.94E-05	9.17E-04	9.69E-03	1.01E-03	2.21E+00	5.10E-08	6.23E-08	4.51E+00	1.20E-01	1.41E-03	4.53E-02	1.19E-02	2.12E-01	3.73E+01	1.23E+00	1.61E-07	5.87E-08	3.68E-03	6.11E-05	3.52E-01	2.41E-01	3.85E+01	1.48E-04	3.85E+01	3.88E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	5.11E-01
MDN110P	9.49E-03	1.19E+00	-8.79E-03	1.18E+00	6.68E-07	0.00E+00	6.77E+02	4.86E-05	9.18E-04	9.72E-03	1.02E-03	2.21E+00	4.03E-08	6.25E-08	4.52E+00	1.18E-01	1.42E-03	4.70E-02	1.20E-02	2.16E-01	3.74E+01	1.23E+00	1.61E-07	5.86E-08	3.68E-03	6.19E-05	3.57E-01	2.65E-01	3.86E+01	1.47E-04	3.86E+01	3.89E+01	6.85E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-01
MDN116P	9.58E-03	1.19E+00	-8.82E-03	1.19E+00	6.68E-07	0.00E+00	6.81E+02	4.89E-05	9.18E-04	9.74E-03	1.02E-03	2.22E+00	6.69E-08	6.25E-08	4.61E+00	1.17E-01	1.42E-03	4.71E-02	1.20E-02	2.17E-01	3.73E+01	1.23E+00	1.61E-07	5.95E-08	3.69E-03	6.28E-05	3.59E-01	2.65E-01	3.86E+01	1.47E-04	3.86E+01	3.89E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	5.17E-01
MDN120P	9.77E-03	1.19E+00	-8.92E-03	1.20E+00	7.75E-07	0.00E+00	6.81E+02	5.36E-05	9.11E-04	9.75E-03	1.04E-03	2.21E+00	1.86E-07	6.27E-08	4.62E+00	1.39E-01	1.45E-03	5.09E-02	1.23E-02	2.20E-01	3.67E+01	1.31E+00	1.73E-07	6.05E-08	3.70E-03	6.55E-05	3.69E-01	3.23E-01	3.76E+01	1.47E-04	3.77E+01	3.79E+01	7.11E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-01
MDN125P	9.85E-03	1.16E+00	-6.67E-03	1.19E+00	6.82E-07	0.00E+00	6.71E+02	5.82E-05	7.58E-04	8.34E-03	1.04E-03	2.50E+00	1.82E-07	6.59E-08	4.96E+00	1.86E-01	1.45E-03	4.50E-02	1.30E-02	2.16E-01	3.64E+01	1.27E+00	1.78E-07	6.09E-08	3.73E-03	6.63E-05	4.04E-01	2.40E-01	3.73E+01	1.64E-04	3.72E+01	3.75E+01	6.81E-01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MDN132P	1.17E-02	1.26E+00	-3.01E-03	1.25E+00	8.11E-07	0.00E+00	6.79E+02	1.00E-04	8.83E-04	9.63E-03	1.07E-03	3.39E+00	1.92E-07	9.80E-08	5.70E+00	2.88E-01	1.49E-03	5.11E-02	2.37E-02	2.33E-01	3.54E+01	1.35E+00	1.87E-07	7.27E-08	3.71E-03	7.01E-05	4.81E-01	3.22E-01	3.67E+01	1.63E-04	3.67E+01	3.68E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MDN140P	1.16E-02	1.26E+00	-1.87E-03	1.25E+00	7.09E-07	0.00E+00	6.55E+02	1.18E-04	8.77E-04	9.56E-03	1.06E-03	3.78E+00	1.87E-07	1.03E-07	6.62E+00	3.20E-01	1.47E-03	4.49E-02	2.38E-02	2.37E-01	3.55E+01	1.28E+00	1.87E-07	7.32E-08	3.71E-03	7.07E-05	5.03E-01	2.42E-01	3.68E+01	1.78E-04	3.67E+01	3.70E+01	7.86E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MDN150P	1.11E-02	1.08E+00	-2.07E-03	1.06E+00	9.98E-07	0.00E+00	1.02E+03	1.35E-04	9.16E-04	9.72E-03	1.11E-03	4.30E+00	1.70E-08	1.10E-07	8.94E+00	4.19E-01	1.49E-03	4.80E-02	1.59E-02	1.89E-01	3.21E+01	1.05E+00	1.28E-07	6.98E-08	3.87E-03	7.36E-05	4.95E-01	2.64E-01	3.35E+01	2.87E-03	3.36E+01	3.47E+01	8.06E-01	0.00E+00	0.00E+00	0.00E+00	6.87E-01
MDN163P	1.27E-02	1.09E+00	-1.17E-03	1.07E+00	1.00E-06	0.00E+00	1.02E+03	1.62E-04	9.19E-04	9.79E-03	1.12E-03	6.38E+00	1.69E-08	1.41E-07	1.37E+01	4.95E-01	1.51E-03	5.45E-02	1.69E-02	1.93E-01	3.20E+01	1.05E+00	1.29E-07	8.39E-08	3.91E-03	7.43E-05	5.27E-01	2.64E-01	3.33E+01	2.88E-03	3.34E+01	3.43E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	7.52E-01
MDN200P	2.18E-02	1.95E+00	-2.09E-02	1.94E+00	1.63E-06	0.00E+00	1.28E+03	6.99E-05	1.59E-03	1.66E-02	2.07E-03	2.62E+00	3.16E-08	1.02E-07	5.60E+00	1.95E-01	2.88E-03	8.86E-02	3.42E-02	3.82E-01	6.38E+01	2.13E+00	2.67E-07	1.37E-07	6.10E-03	1.42E-04	6.80E-01	5.44E-01	6.52E+01	8.36E-04	6.51E+01	6.66E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MDN201P	2.18E-02	1.95E+00	-2.15E-02	1.94E+00	1.64E-06	0.00E+00	1.28E+03	6.94E-05	1.61E-03	1.68E-02	2.06E-03	2.63E+00	3.36E-08	1.02E-07	5.64E+00	1.99E-01	2.90E-03	9.10E-02	3.42E-02	3.89E-01	6.31E+01	2.22E+00	2.67E-07	1.36E-07	6.22E-03	1.42E-04	8.04E-01	5.50E-01	6.52E+01	8.36E-04	6.52E+01	6.63E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MDN202P	2.10E-02	2.24E+00	-2.07E-02	2.26E+00	9.04E-07	0.00E+00	1.45E+03	6.19E-05	1.84E-03	1.96E-02	2.07E-03	2.33E+00	2.17E-08	9.22E-08	4.86E+00	1.59E-01	2.93E-03	8.65E-02	2.96E-02	4.25E-01	6.89E+01	2.19E+00	3.00E-07	1.32E-07	7.29E-03	1.41E-04	6.56E-01	4.79E-01	7.08E+01	1.88E-04	7.08E+01	7.22E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MDN203P	2.23E-02	1.95E+00	-2.60E-02	1.95E+00	1.69E-06	0.00E+00	1.29E+03	1.91E-04	1.60E-03	1.68E-02	2.10E-03	6.92E+00	3.56E-08	1.97E-07	1.49E+01	4.51E-01	2.88E-03	9.16E-02	3.46E-02	3.90E-01	6.33E+01	2.30E+00	2.67E-07	1.39E-07	6.21E-03	1.43E-04	9.17E-01	5.54E-01	6.44E+01	8.43E-04	6.44E+01	6.57E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MDN204P	2.10E-02	2.24E+00	-2.06E-02	2.26E+00	9.04E-07	0.00E+00	1.46E+03	8.11E-05	1.84E-03	1.96E-02	2.04E-03	3.23E+00	2.17E-08	1.17E-07	6.26E+00	1.86E-01	2.87E-03	8.64E-02	2.98E-02	4.25E-01	6.91E+01	2.19E+00	3.01E-07	1.33E-07	7.31E-03	1.41E-04	7.75E-01	4.80E-01	7.10E+01	1.93E-04	7.10E+01	7.26E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MDN206P	2.04E-02	2.20E+00	-2.05E-02	2.23E+00	6.15E-07	0.00E+00	1.45E+03	5.69E-05	1.83E-03	1.96E-02	1.98E-03	2.31E+00	6.25E-08	8.16E-08	4.83E+00	1.39E-01	2.75E-03	8.67E-02	2.42E-02	4.14E-01	6.91E+01	2.14E+00	2.97E-07	1.28E-07	7.07E-03	1.39E-04	6.38E-01	4.74E-01	7.12E+01	1.83E-04	7.11E+01	7.26E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MDN210P	2.03E-02	2.21E+00	-2.04E-02	2.24E+00	6.16E-07	0.00E+00	1.46E+03	7.52E-05	1.83E-03	1.96E-02	1.97E-03	3.05E+00	4.95E-08	1.02E-07	5.90E+00	1.57E-01	2.75E-03	8.67E-02	2.44E-02	4.16E-01	6.91E+01	2.15E+00	2.98E-07	1.29E-07	7.21E-03	1.39E-04	7.54E-01	4.75E-01	7.12E+01	1.88E-04	7.11E+01	7.27E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MDN216P	2.04E-02	2.21E+00	-2.06E-02	2.24E+00	6.15E-07	0.00E+00	1.46E+03	9.39E-05	1.83E-03	1.96E-02	1.98E-03	3.18E+00	8.71E-08	1.02E-07	6.03E+00	2.12E-01	2.74E-03	8.70E-02	2.43E-02	4.15E-01	6.91E+01	2.15E+00	2.98E-07	1.28E-07	7.23E-03	1.40E-04	7.82E-01	4.77E-01	7.13E+01	2.01E-04	7.12E+01	7.27E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MDN220P	2.14E-02	2.26E+00	-1.94E-02	2.30E+00	9.10E-07	0.00E+00	1.50E+03	1.28E-04	1.81E-03	1.93E-02	2.02E-03	3.56E+00	2.62E-07	1.15E-07	7.58E+00	3.18E-01	2.83E-03	8.69E-02	2.64E-02	4.27E-01	6.95E+01	2.21E+00	2.95E-07	1.32E-07	7.31E-03	1.41E-04	8.11E-01	4.74E-01	7.14E+01	2.04E-04	7.13E+01	7.29E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MDN225P	2.21E-02	2.29E+00	-1.54E-02	2.32E+00	9.57E-07	0.00E+00	1.47E+03	1.80E-04	1.81E-03	1.92E-02	2.02E-03	6.62E+00	2.63E-07	1.66E-07	1.44E+01	4.67E-01	2.83E-03	8.68E-02	3.07E-02	4.32E-01	6.92E+01	2.26E+00	3.01E-07	1.36E-07	7.34E-03	1.45E-04	9.04E-01	4.80E-01	7.14E+01	2.62E-04	7.13E+01	7.30E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MDN232P	2.38E-02	2.32E+00	-1.37E-02	2.37E+00	1.06E-06	0.00E+00	1.48E+03	2.14E-04	1.80E-03	1.92E-02	2.11E-03	7.02E+00	3.22E-07	2.08E-07	1.44E+01	4.93E-01	2.90E-03	8.71E-02	4.22E-02	4.59E-01	6.93E+01	2.57E+00	3.49E-07	1.50E-07	7.37E-03	1.49E-04	9.70E-01	5.00E-01	7.12E+01	2.94E-04	7.12E+01	7.26E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MDN240P	2.38E-02	2.33E+00	-1.24E-02	2.38E+00	1.05E-06	0.00E+00	1.48E+03	2.14E-04	1.81E-03	1.93E-02	2.12E-03	7.17E+00	3.28E-07	2.11E-07	1.47E+01	5.01E-01	2.92E-03	8.72E-02	4.34E-02	4.60E-01	6.93E+01	2.58E+00	4.24E-07	1.51E-07	7.39E-03	1.49E-04	9.85E-01	5.00E-01	7.12E+01	2.93E-04	7.13E+01	7.27E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
MDN250P	2.02E-02	1.81E+00	-1.73E-02	1.82E+00	1.18E-06	0.00E+00	1.61E+03	2.08E-04	1.55E-03	1.67E-02	2.03E-03	6.23E+00	2.96E-07	1.86E-07	1.12E+01	5.27E-01	2.88E-03	9.91E-02	2.80E-02	3.84E-01	6.31E+01	2.31E+00	3.87E-07	1.31E-07	5.77E-03	1.36E-04	7.74E-01	4.64E-01	6.51E+01	3.42E-03	6.51E+01	6.79E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MDN263P	2.49E-02	1.81E+00	-1.12E-02	1.82E+00	1.19E-06	0.00E+00	1.60E+03	3.32E-04	1.55E-03	1.67E-02	2.05E-03	1.06E+01	2.96E-07	3.23E-07	2.02E+01	9.04E-01	2.90E-03	1.00E-01	3.58E-02	3.90E-01	6.28E+01	2.31E+00	4.11E-07	1.51E-07	5.81E-03	1.37E-04	1.17E+00	4.65E-01	6.49E+01	3.40E-03	6.49E+01	6.77E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MDN263R	2.64E-02	1.81E+00	2.74E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.61E-04	1.29E-03	1.34E-02	2.05E-03	1.27E+01	2.07E-08	3.26E-07	2.70E+01	1.02E+00	2.84E-03	9.10E-02	3.59E-02	3.86E-01	6.14E+01	1.44E+00	3.74E-07	1.65E-07	5.89E-03	1.46E-04	1.20E+00	2.90E-01	6.26E+01	1.02E-03	6.23E+01	6.45E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MDN300P	2.53E-02	2.77E+00	-3.20E-02	2.80E+00	2.22E-06	0.00E+00	1.98E+03	1.13E-04	1.98E-03	2.15E-02	3.18E-03	4.77E+00	3.87E-08	1.66E-07	8.18E+00	2.85E-01	4.30E-03	1.26E-01	3.61E-02	5.59E-01	1.02E+02	3.08E+00	3.13E-07	1.69E-07	8.61E-03	2.22E-04	9.41E-01	7.63E-01	1.04E+02	1.36E-03	1.05E+02	1.07E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MDN301P	2.70E-02	3.16E+00	-3.26E-02	3.20E+00	1.84E-06	0.00E+00	2.08E+03	1.12E-04	2.61E-03	2.72E-02	3.26E-03	3.91E+00	2.70E-08	1.65E-07	8.09E+00	2.65E-01	4.40E-03	1.26E-01	5.03E-02	6.19E-01	1.01E+02	3.78E+00	4.76E-07	1.83E-07	1.03E-02	2.26E-04	9.86E-01	7.76E-01	1.04E+02	4.58E-04	1.05E+02	1.07E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MDN302P	2.70E-02	3.16E+00	-3.26E-02	3.20E+00	1.84E-06	0.00E+00	2.08E+03	1.15E-04	2.61E-03	2.71E-02	3.26E-03	4.03E+00	2.75E-08	1.68E-07	8.25E+00	2.79E-01	4.41E-03	1.27E-01	5.04E-02	6.20E-01	1.03E+02	3.78E+00	4.75E-07	1.83E-07	1.03E-02	2.26E-04	9.87E-01	7.77E-01	1.05E+02	4.59E-04	1.06E+02	1.08E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MDN303P	2.69E-02	3.15E+00	-3.27E-02	3.20E+00	1.78E-06	0.00E+00	2.12E+03	1.67E-04	2.61E-03	2.72E-02	3.17E-03	7.58E+00	2.72E-08	1.85E-07	1.63E+01	4.05E-01	4.30E-03	1.26E-01	5.02E-02	6.21E-01	1.03E+02	3.79E+00	4.76E-07	1.83E-07	1.03E-02	2.27E-04	1.04E+00	7.74E-01	1.05E+02	4.40E-04	1.06E+02	1.08E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MDN304P	2.69E-02	3.16E+00	-3.15E-02	3.20E+00	1.78E-06	0.00E+00	2.10E+03	1.24E-04	2.61E-03	2.72E-02	3.17E-03	4.34E+00	2.72E-08	1.65E-07	9.81E+00	2.91E-01	4.30E-03	1.26E-01	5.03E-02	6.21E-01	1.03E+02	3.79E+00	4.76E-07	1.84E-07	1.03E-02	2.27E-04	1.01E+00	7.80E-01	1.05E+02	4.41E-04	1.06E+02	1.08E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MDN306P	2.50E-02	3.08E+00	-3.36E-02	3.13E+00	1.81E-06	0.00E+00	2.10E+03	9.03E-05	2.46E-03	2.61E-02	3.20E-03	3.91E+00	8.49E-08	1.64E-07	7.97E+00	1.72E-01	4.33E-03	1.26E-01	4.89E-02	5.91E-01	1.04E+02	3.79E+00	4.67E-07	1.68E-07	9.42E-03	2.21E-04	9.01E-01	7.71E-01	1.06E+02	4.59E-04	1.07E+02	1.08E+02	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MDN310P	2.49E-02	3.12E+00	-2.45E-02	3.18E+00	1.82E-06	0.00E+00	2.07E+03	1.51E-04	2.49E-03	2.62E-02	3.08E-03	7.48E+00	6.83E-08	1.78E-07	1.61E+01	3.65E-01	4.17E-03	1.27E-01	4.88E-02	5.67E-01	1.02E+02	3.80E+00	4.57E-07	1.58E-07	9.21E-03	2.00E-04	9.62E-01	7.16E-01	1.05E+02	4.34E-04	1.05E+02	1.07E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MDN316P	2.55E-02	3.12E+00	-2.45E-02	3.19E+00	1.86E-06	0.00E+00	2.06E+03	1.66E-04	2.58E-03	2.71E-02	3.08E-03	7.09E+00	1.66E-07	1.86E-07	1.48E+01	3.76E-01	4.17E-03	1.27E-01	4.97E-02	5.75E-01	1.02E+02	3.79E+00	4.33E-07	1.61E-07	9.46E-03	2.03E-04	1.03E+00	7.14E-01	1.05E+02	4.51E-04	1.05E+02	1.07E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MDN320P	2.14E-02	2.55E+00	-1.72E-02	2.57E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.66E-03	1.81E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.97E-01	1.01E+02	2.95E+00	2.76E-07	1.41E-07	6.86E-03	2.06E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MDN325P	3.01E-02	3.38E+00	-2.44E-02	3.41E+00	1.78E-06	0.00E+00	2.14E+03	2.15E-04	2.78E-03	2.97E-02	3.17E-03	8.59E+00	4.63E-07	2.29E-07	1.73E+01	4.63E-01	4.29E-03	1.27E-01	5.43E-02	6.30E-01	1.02E+02	3.82E+00	4.69E-07	2.04E-07	1.09E-02	2.46E-04	1.14E+00	7.59E-01	1.04E+02	4.85E-04	1.05E+02	1.08E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MDN332P	2.73E-02	2.64E+00	-5.87E-03	2.65E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.83E-03	1.94E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.51E+01	8.50E-01	4.43E-03	1.34E-01	4.30E-02	5.11E-01	9.72E+01	3.12E+00	3.01E-07	1.78E-07	7.73E-03	2.17E-04	1.20E+00	7.17E-01	1.00E+02	1.50E-03	1.00E+02	1.02E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MDN340P	3.92E-02	3.84E+00	-1.25E-02	3.86E+00	1.65E-06	0.00E+00	2.08E+03	3.46E-04	2.78E-03	2.99E-02	3.27E-03	1.39E+01	4.78E-07	3.67E-07	2.63E+01	8.52E-01	4.42E-03	1.27E-01	7.34E-02	7.30E-01	1.08E+02	3.95E+00	6.32E-07	2.57E-07	1.15E-02	2.51E-04	1.48E+00	7.72E-01	1.10E+02	5.28E-04	1.11E+02	1.13E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+00
MDN350P	3.29E-02	2.95E+00	-1.22E-02	3.03E+00	1.90E-06	0.00E+00	2.00E+03	3.33E-04	2.13E-03	2.30E-02	3.03E-03	1.22E+01	2.91E-07	3.49E-07	2.29E+01	8.84E-01	4.30E-03	1.25E-01	5.27E-02	6.00E-01	1.01E+02	3.64E+00	4.26E-07	2.19E-07	9.19E-03	2.20E-04	1.27E+00	7.30E-01	1.05E+02	3.14E-03	1.05E+02	1.06E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MDN363P	3.31E-02	2.97E+00	-1.32E-02	3.03E+00	1.86E-06	0.00E+00	2.05E+03	3.38E-04	2.11E-03	2.30E-02	3.03E-03	1.22E+01	2.91E-07	3.48E-07	2.39E+01	9.05E-01	4.30E-03	1.24E-01	5.29E-02	6.10E-01	1.03E+02	3.66E+00	5.04E-07	2.20E-07	9.27E-03	2.23E-04	1.27E+00	7.64E-01	1.06E+02	3.14E-03	1.06E+02	1.07E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
MDN400P	3.16E-02	3.41E+00	-2.90E-02	3.45E+00	2.52E-06	0.00E+00	2.31E+03	1.25E-04	2.47E-03	2.64E-02	4.07E-03	6.23E+00	4.74E-08	1.66E-07	8.16E+00	3.05E-01	5.64E-03	1.78E-01	4.88E-02	6.55E-01	1.20E+02	3.89E+00	4.67E-07	2.04E-07	9.87E-03	2.77E-04	1.03E+00	9.77E-01	1.23E+02	1.84E-03	1.23E+02	1.26E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MDN401P	3.58E-02	3.41E+00	-3.39E-02	3.46E+00	2.52E-06	0.00E+00	2.31E+03	1.36E-04	2.48E-03	2.65E-02	4.23E-03	1.20E+01	4.75E-08	2.14E-07	1.21E+01	3.31E-01	6.02E-03	1.78E-01	4.90E-02	7.27E-01	1.20E+02	3.90E+00	4.74E-07	2.55E-07	1.01E-02	2.81E-04	1.19E+00	1.05E+00	1.23E+02	1.84E-03	1.23E+02	1.26E+02	2.79E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MDN402P	3.58E-02	3.41E+00	-3.59E-02	3.46E+00	2.52E-06	0.00E+00	2.31E+03	1.33E-04	2.48E-03	2.65E-02	4.23E-03	1.19E+01	4.75E-08	2.13E-07	1.21E+01	3.25E-01	6.02E-03	1.78E-01	4.90E-02	7.27E-01	1.20E+02	3.90E+00	4.74E-07	2.55E-07	1.01E-02	2.81E-04	1.19E+00	1.15E+00	1.23E+02	1.84E-03	1.23E+02	1.26E+02	2.80E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MDN403P	3.19E-02	3.40E+00	-3.49E-02	3.45E+00	2.54E-06	0.00E+00	2.27E+03	1.77E-04	2.48E-03	2.64E-02	4.13E-03	9.89E+00	4.77E-08	2.11E-07	1.81E+01	4.50E-01	5.64E-03	1.78E-01	5.02E-02	6.55E-01	1.20E+02	3.90E+00	4.68E-07	2.05E-07	9.92E-03	2.77E-04	1.13E+00	1.05E+00	1.23E+02	1.87E-03	1.23E+02	1.26E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MDN404P	3.03E-02	2.52E+00	-1.92E-02	2.52E+00	2.21E-06	0.00E+00	2.08E+03	1.88E-04	2.32E-03	2.46E-02	3.97E-03	9.81E+00	3.79E-08	2.12E-07	1.81E+01	5.03E-01	5.51E-03	1.70E-01	4.15E-02	6.38E-01	1.27E+02	2.45E+00	4.05E-07	1.95E-07	9.74E-03	2.75E-04	1.09E+00	6.78E-01	1.33E+02	1.77E-03	1.32E+02	1.33E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MDN406P	2.93E-02	3.37E+00	-3.70E-02	3.41E+00	2.37E-06	0.00E+00	2.30E+03	1.18E-04	2.42E-03	2.61E-02	4.00E-03	6.19E+00	4.19E-08	1.64E-07	8.00E+00	2.86E-01	5.53E-03	1.72E-01	3.89E-02	6.55E-01	1.30E+02	3.84E+00	3.98E-07	1.89E-07	9.73E-03	2.75E-04	9.83E-01	9.85E-01	1.33E+02	1.77E-03	1.33E+02	1.35E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MDN410P	2.94E-02	3.37E+00	-4.86E-02	3.43E+00	2.39E-06	0.00E+00	2.33E+03	1.78E-04	2.43E-03	2.61E-02	4.05E-03	9.88E+00	4.27E-08	2.07E-07	1.81E+01	4.44E-01	5.53E-03	1.72E-01	3.99E-02	6.55E-01	1.27E+02	3.85E+00	3.92E-07	1.90E-07	9.74E-03	2.74E-04	1.10E+00	1.31E+00	1.32E+02	1.81E-03	1.32E+02	1.32E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MDN416P	3.20E-02	3.42E+00	-4.58E-02	3.48E+00	2.54E-06	0.00E+00	2.34E+03	2.04E-04	2.42E-03	2.64E-02	4.10E-03	1.07E+01	4.37E-08	2.32E-07	1.97E+01	4.84E-01	5.55E-03	1.81E-01	5.08E-02	6.59E-01	1.23E+02	3.87E+00	4.44E-07	2.06E-07	9.92E-03	2.74E-04	1.17E+00	1.31E+00	1.27E+02	1.79E-03	1.27E+02	1.27E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00
MDN420P	3.22E-02	3.43E+00	-3.67E-02	3.49E+00	2.55E-06	0.00E+00	2.32E+03	2.12E-04	2.44E-03	2.65E-02	4.14E-03	1.10E+01	4.46E-08	2.41E-07	2.06E+01	5.20E-01	5.59E-03	1.81E-01	5.18E-02	6.61E-01	1.23E+02	3.87E+00	4.59E-07	2.06E-07	9.93E-03	2.74E-04	1.24E+00	1.31E+00	1.27E+02	1.80E-03	1.27E+02	1.28E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00

MDN425P	3.83E-02	3.53E+00	-1.75E-02	3.57E+00	1.85E-06	0.00E+00	2.25E+03	5.04E-04	2.77E-03	2.92E-02	4.07E-03	1.54E+01	4.68E-07	3.64E-07	2.80E+01	1.33E+00	5.64E-03	1.78E-01	6.89E-02	6.76E-01	1.15E+02	3.96E+00	5.67E-07	2.39E-07	1.04E-02	2.84E-04	1.45E+00	9.12E-01	1.18E+02	9.07E-04	1.18E+02	1.23E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00
MDN432P	4.59E-02	3.67E+00	-1.26E-02	3.67E+00	1.85E-06	0.00E+00	2.24E+03	5.28E-04	2.73E-03	2.92E-02	4.18E-03	2.14E+01	4.79E-07	4.85E-07	3.49E+01	1.39E+00	5.97E-03	1.78E-01	7.28E-02	7.71E-01	1.14E+02	4.02E+00	6.32E-07	2.95E-07	1.07E-02	2.94E-04	2.05E+00	9.12E-01	1.17E+02	9.41E-04	1.17E+02	1.22E+02	2.83E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+00
MDN440P	4.62E-02	3.77E+00	-1.28E-02	3.78E+00	1.78E-06	0.00E+00	2.23E+03	5.49E-04	2.74E-03	2.95E-02	4.19E-03	2.16E+01	4.78E-07	4.92E-07	3.67E+01	1.48E+00	5.97E-03	1.77E-01	7.56E-02	7.79E-01	1.14E+02	4.03E+00	6.40E-07	2.98E-07	1.08E-02	3.00E-04	2.05E+00	9.11E-01	1.17E+02	1.06E-03	1.17E+02	1.22E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+00
MDN450P	3.94E-02	3.39E+00	-1.29E-02	3.43E+00	2.06E-06	0.00E+00	2.29E+03	5.00E-04	2.60E-03	2.79E-02	3.90E-03	1.47E+01	2.81E-07	3.74E-07	2.75E+01	1.32E+00	5.64E-03	1.82E-01	6.07E-02	6.69E-01	1.14E+02	3.88E+00	5.79E-07	2.47E-07	1.02E-02	2.74E-04	1.38E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+00
MDN463P	4.47E-02	3.40E+00	-1.25E-02	3.43E+00	2.06E-06	0.00E+00	2.29E+03	5.00E-04	2.61E-03	2.80E-02	3.99E-03	2.03E+01	2.81E-07	4.69E-07	3.28E+01	1.33E+00	5.97E-03	1.82E-01	6.51E-02	7.77E-01	1.14E+02	3.88E+00	5.93E-07	2.88E-07	1.04E-02	2.82E-04	2.05E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MDN463R	3.96E-02	2.54E+00	2.30E-03	2.53E+00	2.40E-06	0.00E+00	1.70E+03	5.80E-04	2.50E-03	2.63E-02	4.19E-03	1.67E+01	3.05E-08	4.12E-07	3.83E+01	1.65E+00	5.63E-03	1.75E-01	5.84E-02	6.55E-01	1.11E+02	2.41E+00	5.11E-07	2.49E-07	1.11E-02	2.96E-04	1.41E+00	6.87E-01	1.17E+02	2.25E-03	1.17E+02	1.18E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
MDU106P	5.58E-03	8.36E-01	-8.58E-03	8.56E-01	1.82E-07	0.00E+00	7.18E+02	3.78E-05	6.02E-04	6.75E-03	7.92E-04	1.10E+00	5.10E-08	3.40E-08	2.89E+00	9.62E-02	1.07E-03	3.52E-02	7.05E-03	8.70E-02	2.54E+01	1.25E+00	1.31E-07	3.58E-08	1.96E-03	2.61E-05	2.73E-01	2.07E-01	2.59E+01	9.79E-05	2.59E+01	2.57E+01	4.47E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MDU110P	5.59E-03	8.27E-01	-8.74E-03	8.69E-01	1.63E-07	0.00E+00	6.81E+02	3.76E-05	5.98E-04	6.55E-03	8.02E-04	1.11E+00	4.06E-08	3.22E-08	2.86E+00	9.15E-02	1.07E-03	3.54E-02	6.74E-03	8.48E-02	2.53E+01	1.15E+00	1.31E-07	3.60E-08	1.96E-03	2.56E-05	2.34E-01	2.03E-01	2.59E+01	7.78E-05	2.59E+01	2.64E+01	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
MDU116P	7.91E-03	1.16E+00	-8.99E-03	1.16E+00	1.85E-07	0.00E+00	6.90E+02	3.96E-05	9.59E-04	1.05E-02	9.24E-04	1.91E+00	6.58E-08	4.59E-08	3.96E+00	8.54E-02	1.27E-03	4.53E-02	1.11E-02	1.91E-01	3.78E+01	1.21E+00	1.55E-07	5.43E-08	3.53E-03	5.84E-05	3.05E-01	2.33E-01	3.87E+01	1.39E-04	3.87E+01	3.91E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	4.52E-01
MDU120P	8.16E-03	1.11E+00	-8.80E-03	1.12E+00	2.63E-07	0.00E+00	6.92E+02	4.52E-05	7.11E-04	7.99E-03	9.42E-04	1.98E+00	1.76E-07	5.71E-08	4.08E+00	1.27E-01	1.30E-03	4.51E-02	1.14E-02	1.77E-01	3.75E+01	1.20E+00	1.64E-07	5.39E-08	3.66E-03	6.07E-05	3.39E-01	2.19E-01	3.81E+01	1.70E-04	3.81E+01	3.87E+01	6.12E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
MDU125P	5.68E-03	8.84E-01	-7.46E-03	9.52E-01	2.82E-07	0.00E+00	7.17E+02	4.54E-05	5.93E-04	6.74E-03	7.94E-04	1.47E+00	1.85E-07	4.01E-08	3.26E+00	1.34E-01	1.07E-03	3.51E-02	7.33E-03	8.74E-02	2.54E+01	1.30E+00	1.39E-07	3.63E-08	1.99E-03	2.61E-05	2.82E-01	2.07E-01	2.59E+01	1.10E-04	2.59E+01	2.57E+01	4.56E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-01
MDU132P	9.10E-03	8.91E-01	-3.33E-03	9.60E-01	2.98E-07	0.00E+00	7.18E+02	1.11E-04	5.90E-04	6.86E-03	7.61E-04	3.42E+00	1.89E-07	1.03E-07	6.35E+00	2.83E-01	1.07E-03	3.51E-02	2.30E-02	8.80E-02	2.53E+01	1.30E+00	1.48E-07	5.91E-08	2.12E-03	2.61E-05	4.40E-01	2.07E-01	2.60E+01	1.23E-04	2.60E+01	2.57E+01	5.39E-01	0.00E+00	0.00E+00	0.00E+00	9.69E-01
MDU140P	9.13E-03	8.90E-01	-3.21E-03	9.60E-01	2.98E-07	0.00E+00	7.18E+02	1.11E-04	5.90E-04	6.86E-03	7.61E-04	3.45E+00	1.91E-07	1.04E-07	6.38E+00	2.84E-01	1.07E-03	3.51E-02	2.31E-02	8.81E-02	2.53E+01	1.31E+00	1.48E-07	5.91E-08	2.11E-03	2.61E-05	4.65E-01	2.07E-01	2.60E+01	1.24E-04	2.60E+01	2.57E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	9.70E-01
MDU150P	9.78E-03	9.82E-01	-1.93E-03	1.00E+00	3.53E-07	0.00E+00	6.83E+02	1.07E-04	5.99E-04	7.50E-03	8.34E-04	4.28E+00	1.97E-08	1.00E-07	6.90E+00	2.60E-01	1.22E-03	4.45E-02	1.41E-02	1.54E-01	3.37E+01	1.03E+00	1.29E-07	6.51E-08	3.14E-03	6.09E-05	4.92E-01	2.12E-01	3.43E+01	1.66E-04	3.44E+01	3.66E+01	6.60E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MDU163P	1.10E-02	9.82E-01	-1.13E-03	1.00E+00	3.55E-07	0.00E+00	6.83E+02	1.32E-04	6.00E-04	7.53E-03	8.29E-04	5.84E+00	1.98E-08	1.35E-07	1.26E+01	3.50E-01	1.22E-03	4.45E-02	1.57E-02	1.55E-01	3.37E+01	1.03E+00	1.30E-07	7.13E-08	3.15E-03	6.15E-05	5.15E-01	2.12E-01	3.43E+01	1.99E-04	3.44E+01	3.66E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	7.04E-01
MDU206P	5.68E-03	8.61E-01	-9.32E-03	8.90E-01	4.62E-07	0.00E+00	1.11E+03	4.03E-05	5.96E-04	6.70E-03	1.07E-03	1.12E+00	5.87E-08	3.40E-08	2.84E+00	1.05E-01	1.07E-03	3.47E-02	7.22E-03	8.79E-02	2.59E+01	1.25E+00	1.41E-07	3.60E-08	1.97E-03	2.71E-05	2.80E-01	2.10E-01	2.60E+01	1.43E-04	2.60E+01	2.57E+01	4.60E-01	0.00E+00	0.00E+00	0.00E+00	2.99E-01
MDU210P	8.57E-03	8.55E-01	-8.00E-03	9.05E-01	4.09E-07	0.00E+00	1.10E+03	8.86E-05	5.97E-04	6.68E-03	1.06E-03	3.31E+00	4.46E-08	9.19E-08	6.67E+00	1.76E-01	1.07E-03	3.52E-02	1.26E-02	8.58E-02	2.60E+01	1.15E+00	1.42E-07	5.74E-08	2.09E-03	2.61E-05	4.53E-01	2.07E-01	2.60E+01	1.42E-04	2.60E+01	2.65E+01	5.34E-01	0.00E+00	0.00E+00	0.00E+00	6.25E-01
MDU216P	1.05E-02	8.55E-01	-5.00E-03	9.05E-01	4.10E-07	0.00E+00	1.10E+03	1.29E-04	5.97E-04	6.68E-03	1.05E-03	3.47E+00	8.85E-08	8.99E-08	6.39E+00	2.65E-01	1.07E-03	3.52E-02	1.62E-02	8.66E-02	2.60E+01	1.15E+00	1.50E-07	6.30E-08	2.09E-03	2.62E-05	4.68E-01	2.07E-01	2.60E+01	1.49E-04	2.60E+01	2.65E+01	5.36E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MDU220P	1.06E-02	8.58E-01	-4.41E-03	9.08E-01	5.20E-07	0.00E+00	1.10E+03	1.52E-04	5.92E-04	6.71E-03	1.05E-03	3.96E+00	2.54E-07	1.03E-07	8.38E+00	3.43E-01	1.07E-03	3.52E-02	1.87E-02	8.63E-02	2.59E+01	1.18E+00	1.56E-07	7.03E-08	2.09E-03	2.61E-05	4.83E-01	2.07E-01	2.60E+01	1.47E-04	2.60E+01	2.64E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MDU225P	1.09E-02	9.10E-01	-2.72E-03	9.84E-01	5.95E-07	0.00E+00	1.11E+03	2.03E-04	5.97E-04	6.83E-03	1.04E-03	6.82E+00	2.85E-07	1.94E-07	1.52E+01	4.51E-01	1.07E-03	3.47E-02	2.33E-02	8.91E-02	2.58E+01	1.30E+00	1.57E-07	7.29E-08	2.12E-03	2.71E-05	6.29E-01	2.11E-01	2.60E+01	1.76E-04	2.60E+01	2.57E+01	5.53E-01	0.00E+00	0.00E+00	0.00E+00	9.80E-01
MDU232P	1.09E-02	9.14E-01	-2.97E-03	9.89E-01	6.75E-07	0.00E+00	1.03E+03	2.06E-04	5.90E-04	6.78E-03	1.04E-03	6.87E+00	3.02E-07	2.01E-07	1.53E+01	4.60E-01	1.07E-03	3.47E-02	2.33E-02	8.90E-02	2.59E+01	1.31E+00	1.57E-07	7.29E-08	2.12E-03	2.71E-05	6.46E-01	2.11E-01	2.60E+01	1.80E-04	2.60E+01	2.57E+01	5.53E-01	0.00E+00	0.00E+00	0.00E+00	9.86E-01
MDU240P	1.10E-02	9.14E-01	-2.97E-03	9.88E-01	6.81E-07	0.00E+00	1.03E+03	2.36E-04	5.90E-04	6.78E-03	1.04E-03	7.10E+00	3.20E-07	2.12E-07	1.58E+01	4.98E-01	1.07E-03	3.47E-02	2.64E-02	8.90E-02	2.59E+01	1.31E+00	1.56E-07	7.48E-08	2.12E-03	2.71E-05	6.89E-01	2.11E-01	2.60E+01	2.22E-04	2.60E+01	2.57E+01	5.83E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MDU250P	1.06E-02	8.24E-01	1.52E-04	8.33E-01	3.95E-07	0.00E+00	9.88E+02	2.30E-04	6.05E-04	7.30E-03	9.13E-04	6.68E+00	2.91E-07	1.73E-07	1.37E+01	5.80E-01	1.06E-03	3.49E-02	1.71E-02	8.14E-02	2.50E+01	9.41E-01	1.05E-07	6.86E-08	2.40E-03	2.37E-05	6.07E-01	2.05E-01	2.59E+01	3.22E-03	2.59E+01	2.59E+01	6.33E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MDU263P	1.80E-02	8.24E-01	1.52E-04	8.33E-01	4.31E-07	0.00E+00	9.88E+02	3.06E-04	6.05E-04	7.30E-03	9.13E-04	1.07E+01	2.91E-07	3.21E-07	1.89E+01	7.72E-01	1.06E-03	3.49E-02	2.32E-02	8.14E-02	2.50E+01	9.41E-01	1.05E-07	9.31E-08	2.40E-03	2.37E-05	1.10E+00	2.05E-01	2.59E+01	3.19E-03	2.59E+01	2.59E+01	6.92E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MDU306P	8.27E-03	9.59E-01	-7.16E-03	9.40E-01	8.88E-07	0.00E+00	1.11E+03	1.26E-04	9.28E-04	1.00E-02	1.06E-03	2.92E+00	6.47E-08	1.05E-07	5.25E+00	2.46E-01	1.07E-03	4.31E-02	1.94E-02	8.85E-02	2.59E+01	1.25E+00	3.60E-07	5.73E-08	2.19E-03	2.70E-05	5.01E-01	2.64E-01	2.61E+01	1.64E-04	2.61E+01	2.58E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-01
MDU310P	2.02E-02	2.43E+00	-1.94E-02	2.44E+00	1.13E-06	0.00E+00	1.74E+03	1.71E-04	1.40E-03	1.46E-02	2.66E-03	6.60E+00	6.38E-08	1.68E-07	1.49E+01	3.87E-01	3.63E-03	1.18E-01	2.59E-02	3.97E-01	1.03E+02	2.95E+00	4.12E-07	1.28E-07	7.43E-03	1.61E-04	8.98E-01	5.64E-01	1.06E+02	3.96E-04	1.06E+02	1.07E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MDU316P	1.06E-02	9.53E-01	-6.46E-03	9.56E-01	8.40E-07	0.00E+00	1.02E+03	1.85E-04	8.77E-04	9.71E-03	1.05E-03	6.84E+00	1.39E-07	1.75E-07	1.50E+01	3.89E-01	1.07E-03	4.36E-02	1.93E-02	8.75E-02	2.60E+01	1.16E+00	3.65E-07	7.18E-08	2.19E-03	2.61E-05	6.15E-01	2.64E-01	2.62E+01	1.90E-04	2.62E+01	2.65E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-01
MDU320P	1.06E-02	9.57E-01	-6.09E-03	9.60E-01	8.74E-07	0.00E+00	1.02E+03	2.20E-04	8.52E-04	9.42E-03	1.05E-03	7.00E+00	3.59E-07	1.86E-07	1.55E+01	4.54E-01	1.07E-03	4.36E-02	2.15E-02	8.85E-02	2.60E+01	1.19E+00	3.72E-07	7.21E-08	2.19E-03	2.60E-05	6.62E-01	2.65E-01	2.61E+01	1.69E-04	2.61E+01	2.65E+01	7.19E-01	0.00E+00	0.00E+00	0.00E+00	8.92E-01
MDU325P	3.06E-02	3.58E+00	-1.59E-02	3.63E+00	1.40E-06	0.00E+00	2.12E+03	2.39E-04	2.88E-03	3.07E-02	2.94E-03	7.81E+00	4.59E-07	2.55E-07	1.70E+01	4.99E-01	3.99E-03	1.26E-01	5.10E-02	6.52E-01	1.05E+02	3.98E+00	4.58E-07	2.02E-07	1.10E-02	2.18E-04	1.26E+00	7.10E-01	1.07E+02	4.97E-04	1.07E+02	1.09E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MDU332P	1.84E-02	1.04E+00	-4.14E-03	1.08E+00	1.00E-06	0.00E+00	1.03E+03	3.70E-04	8.80E-04	9.53E-03	1.04E-03	1.23E+01	3.77E-07	3.44E-07	2.41E+01	8.95E-01	1.07E-03	4.31E-02	3.36E-02	9.01E-02	2.59E+01	1.31E+00	4.35E-07	1.02E-07	2.22E-03	2.70E-05	1.31E+00	2.65E-01	2.62E+01	2.38E-04	2.62E+01	2.58E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MDU340P	2.04E-02	1.04E+00	-4.18E-03	1.08E+00	1.14E-06	0.00E+00	1.02E+03	3.75E-04	8.75E-04	9.53E-03	1.04E-03	1.28E+01	3.79E-07	3.52E-07	2.60E+01	9.32E-01	1.07E-03	4.58E-02	3.76E-02	9.05E-02	2.67E+01	1.31E+00	4.83E-07	1.09E-07	2.24E-03	2.71E-05	1.37E+00	2.66E-01	2.67E+01	2.42E-04	2.67E+01	2.64E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MDU350P	1.88E-02	8.86E-01	-2.44E-03	8.70E-01	8.70E-07	0.00E+00	1.01E+03	3.15E-04	7.66E-04	8.77E-03	9.29E-04	1.10E+01	2.90E-07	3.29E-07	1.96E+01	7.84E-01	1.06E-03	4.56E-02	2.55E-02	8.22E-02	2.56E+01	9.43E-01	3.61E-07	9.69E-08	2.45E-03	2.37E-05	1.15E+00	2.65E-01	2.60E+01	3.19E-03	2.60E+01	2.61E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MDU363P	1.88E-02	8.86E-01	-2.39E-03	8.70E-01	7.88E-07	0.00E+00	1.01E+03	3.22E-04	7.66E-04	8.77E-03	9.29E-04	1.10E+01	2.90E-07	3.30E-07	2.06E+01	8.10E-01	1.06E-03	4.56E-02	2.55E-02	8.22E-02	2.56E+01	9.43E-01	4.11E-07	9.69E-08	2.45E-03	2.37E-05	1.17E+00	2.65E-01	2.60E+01	3.19E-03	2.60E+01	2.61E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MDU406P	1.04E-02	9.87E-01	-6.93E-03	9.80E-01	9.01E-07	0.00E+00	1.12E+03	1.19E-04	9.16E-04	1.00E-02	1.04E-03	3.61E+00	6.88E-08	1.07E-07	5.47E+00	2.51E-01	1.07E-03	5.09E-02	1.96E-02	9.33E-02	2.73E+01	1.32E+00	3.47E-07	6.85E-08	2.20E-03	2.85E-05	5.13E-01	4.17E-01	2.75E+01	1.67E-04	2.74E+01	2.71E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-01
MDU410P	1.06E-02	9.82E-01	-7.68E-03	9.96E-01	8.53E-07	0.00E+00	1.02E+03	1.81E-04	8.75E-04	9.72E-03	1.05E-03	6.85E+00	9.26E-08	1.72E-07	1.50E+01	3.88E-01	1.07E-03	5.08E-02	1.93E-02	9.14E-02	2.74E+01	1.25E+00	3.51E-07	7.07E-08	2.19E-03	2.67E-05	6.19E-01	4.17E-01	2.76E+01	1.95E-04	2.74E+01	2.75E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MDU416P	1.04E-02	9.82E-01	-7.59E-03	9.96E-01	8.53E-07	0.00E+00	1.02E+03	2.08E-04	8.74E-04	9.71E-03	1.05E-03	7.27E+00	1.56E-07	1.86E-07	1.61E+01	4.15E-01	1.07E-03	5.08E-02	2.01E-02	9.15E-02	2.74E+01	1.25E+00	3.53E-07	6.94E-08	2.19E-03	2.67E-05	6.83E-01	4.17E-01	2.76E+01	2.76E-04	2.74E+01	2.75E+01	7.23E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-01
MDU420P	3.18E-02	3.49E+00	-2.87E-02	3.51E+00	1.48E-06	0.00E+00	2.24E+03	2.07E-04	2.80E-03	2.96E-02	3.83E-03	1.05E+01	4.66E-07	2.38E-07	1.94E+01	4.63E-01	5.33E-03	1.61E-01	5.59E-02	6.39E-01	1.24E+02	3.86E+00	5.10E-07	2.07E-07	1.04E-02	2.50E-04	1.23E+00	8.44E-01	1.27E+02	9.66E-04	1.27E+02	1.30E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MDU425P	1.98E-02	1.04E+00	-6.03E-03	1.08E+00	9.61E-07	0.00E+00	1.03E+03	3.73E-04	8.86E-04	9.73E-03	1.04E-03	1.27E+01	3.76E-07	3.45E-07	2.48E+01	9.15E-01	1.07E-03	5.09E-02	3.52E-02	9.55E-02	2.73E+01	1.37E+00	4.34E-07	1.08E-07	2.22E-03	2.85E-05	1.35E+00	4.16E-01	2.75E+01	2.45E-04	2.74E+01	2.71E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MDU432P	1.98E-02	1.06E+00	-5.80E-03	1.11E+00	1.02E-06	0.00E+00	1.03E+03	3.73E-04	8.74E-04	9.55E-03	1.04E-03	1.27E+01	3.82E-07	3.45E-07	2.49E+01	9.16E-01	1.07E-03	5.10E-02	3.53E-02	9.54E-02	2.74E+01	1.37E+00	4.49E-07	1.08E-07	2.22E-03	2.85E-05	1.35E+00	4.16E-01	2.76E+01	2.45E-04	2.74E+01	2.71E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MDU440P	2.04E-02	1.06E+00	-5.61E-03	1.11E+00	1.15E-06	0.00E+00	1.03E+03	3.81E-04	8.75E-04	9.56E-03	1.04E-03	1.29E+01	3.84E-07	3.52E-07	2.70E+01	9.54E-01	1.07E-03	5.10E-02	3.76E-02	9.52E-02	2.74E+01	1.37E+00	4.87E-07	1.08E-07	2.24E-03	2.85E-05	1.41E+00	4.16E-01	2.76E+01	2.52E-04	2.75E+01	2.71E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MDU450P	1.88E-02	9.05E-01	-4.26E-03	8.98E-01	7.80E-07	0.00E+00	1.01E+03	3.25E-04	7.61E-04	8.76E-03	9.40E-04	1.12E+01	2.86E-07	3.28E-07	2.15E+01	8.12E-01	1.06E-03	5.18E-02	2.55E-02	8.66E-02	2.65E+01	1.08E+00	4.13E-07	9.60E-08	2.44E-03	2.43E-05	1.19E+00	4.17E-01	2.70E+01	3.10E-03	2.68E+01	2.68E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MDU463P	1.88E-02	9.05E-01	-4.26E-03	8.98E-01	7.80E-07	0.00E+00	1.01E+03	3.25E-04	7.61E-04	8.76E-03	9.40E-04	1.12E+01	2.86E-07	3.28E-07	2.15E+01	8.12E-01	1.06E-03	5.18E-02	2.55E-02	8.66E-02	2.65E+01	1.08E+00	4.14E-07	9.60E-08	2.44E-03	2.43E-05	1.19E+00	4.17E-01	2.70E+01	3.10E-03	2.68E+01	2.68E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MDX106P	8.22E-03	1.17E+00	-9.07E-03	1.15E+00	6.89E-07	0.00E+00	7.32E+02	4.37E-05	9.47E-04	1.02E-02	9.50E-04	1.84E+00	5.04E-08	6.07E-08	4.14E+00	1.02E-01	1.31E-03	4.65E-02	1.10E-02	2.11E-01	3.86E+01	1.28E+00	1.62E-07	5.45E-08	3.49E-03	6.09E-05	3.73E-01	2.60E-01	3.97E+01	1.55E-04	3.97E+01	4.00E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-01
MDX110P	7.75E-03	1.20E+00	-8.98E-03	1.20E+00	6.87E-07	0.00E+00	7.27E+02	4.29E-05	9.34E-04	1.01E-02	9.15E-04	1.84E+00	4.06E-08	4.78E-08	4.09E+00	9.60E-02	1.26E-03	4.64E-02	1.07E-02	2.00E-01	3.84E+01	1.27E+00	1.57E-07	5.40E-08	3.41E-03	6.15E-05	3.62E-01	2.40E-01	3.94E+01	1.51E-04	3.93E+01	3.99E+01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	4.38E-01
MDX116P	7.88E-03	1.13E+00	-8.45E-03	1.15E+00	6.88E-07	0.00E+00	7.25E+02	4.37E-05	6.92E-04	7.82E-03	9.24E-04	1.91E+00	6.41E-08	4.81E-08	4.05E+00	1.13E-01	1.27E-03	4.46E-02	1.08E-02	1.81E-01	3.84E+01	1.28E+00	1.57E-07	5.38E-08	3.44E-03	5.99E-05	3.67E-01	2.26E-01	3.94E+01	1.54E-04	3.93E+01	3.97E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-01
MDX120P	8.07E-03	1.21E+00	-9.17E-03	1.21E+00	6.98E-07	0.00E+00	7.29E+02	4.67E-05	9.27E-04	9.98E-03	9.35E-04	1.99E+00	1.69E-07	6.02E-08	4.27E+00	1.21E-01	1.29E-03	4.64E-02	1.10E-02	2.03E-01	3.86E+01	1.27E+00	1.64E-07	5.46E-08	3.49E-03	6.24E-05	3.77E-01	2.61E-01	3.93E+01	1.56E-04	3.93E+01	3.96E+01	6.73E-01	0.00E+00	0.00E+00	0.00E+00	4.65E-01
MDX125P	8.97E-03	1.25E+00	-9.06E-03	1.26E+00	7.88E-07	0.00E+00	7.35E+02	5.28E-05	9.30E-04	1.00E-02	9.86E-04	1.99E+00	1.73E-07	7.07E-08	4.28E+00	1.49E-01	1.36E-03	4.89E-02	1.23E-02	2.27E-01	3.82E+01	1.37E+00	1.79E-07	5.80E-08	3.51E-03	6.41E-05	4.11E-01	2.66E-01	3.91E+01	1.62E-04	3.91E+01	3.94E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
MDX132P	1.18E-02	1.29E+00	-3.79E-03	1.29E+00	7.24E-07	0.00E+00	7.38E+02	1.07E-04	9.07E-04	9.73E-03	1.02E-03	3.03E+00	1.77E-07	1.08E-07	6.09E+00	2.77E-01	1.41E-03	4.63E-02	2.50E-02	2.32E-01	3.66E+01	1.33E+00	1.91E-07	7.44E-08	3.60E-03	6.88E-05	5.03E-01	2.53E-01	3.80E+01	1.64E-04	3.79E+01	3.84E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MDX140P	1.18E-02	1.29E+00	-4.03E-03	1.29E+00	7.25E-07	0.00E+00	7.39E+02	1.06E-04	9.08E-04	9.77E-03	1.01E-03	2.98E+00	1.79E-07	1.05E-07	6.07E+00	2.71E-01	1.40E-03	4.63E-02	2.50E-02	2.33E-01	3.64E+01	1.33E+00	1.91E-07	7.39E-08	3.60E-03	6.89E-05	5.32E-01	2.65E-01	3.80E+01	1.70E-04	3.79E+01	3.85E+01	7.96E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MFN701	9.93E-03	1.12E+00	-1.21E-04	1.12E+00	9.59E-07	0.00E+00	9.63E+02	1.02E-04	7.37E-04	8.07E-03	1.03E-03	4.43E+00	1.73E-07	9.87E-08	9.46E+00	2.61E-01	1.39E-03	6.08E-02	1.68E-02	3.51E-01	3.96E+01	1.38E+00	1.37E-07	6.81E-08	2.99E-03	1.61E-04	6.20E-01	2.35E-01	4.10E+01	1.96E-04	4.10E+01	4.19E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	7.24E-01
MFN702	9.01E-03	1.07E+00	-2.73E-03	1.07E+00	9.44E-07	0.00E+00	8.23E+02	8.43E-05	7.06E-04	7.73E-03	9.72E-04	3.62E+00	4.83E-08	8.23E-08	7.55E+00	2.25E-01	1.32E-03	5.85E-02	1.58E-02	3.16E-01	3.89E+01	1.22E+00	1.31E-07	6.14E-08	2.84E-03	1.44E-04	5.21E-01	2.37E-01	4.01E+01	1.84E-04	4.01E+01	4.08E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
MFN706	7.57E-03	9.85E-01	-2.71E-03	9.93E-01	9.42E-07	0.00E+00	7.93E+02	6.02E-05	6.28E-04	6.70E-03	9.16E-04	3.37E+00	5.00E-08	6.83E-08	6.70E+00	1.43E-01	1.26E-03	6.13E-02	1.49E-02	2.00E-01	3.80E+01	1.20E+00	1.27E-07	5.40E-08	2.48E-03	8.13E-05	5.62E-01	2.15E-01	3.90E+01	1.81E-04	3.90E+01	3.93E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	5.77E-01
MFN706A	7.92E-03	1.03E+00	-8.92E-03	1.05E+00	8.98E-07	0.00E+00	6.52E+02	4.10E-05	5.94E-04	6.43E-03	9.41E-04	1.90E+00	2.28E-08	4.89E-08	4.10E+00	1.23E-01	1.28E-03	6.05E-02	1.19E-02	1.93E-01	3.75E+01	1.05E+00	1.02E-07	5.27E-08	2.62E-03	7.38E-05	4.50E-01	2.19E-01	3.88E+01	2.07E-04	3.88E+01	3.94E+01	6.68E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-01
MFN710	6.82E-03	9.06E-01	-2.85E-03	9.09E-01	9.45E-07	0.00E+00	7.94E+02	1.18E-05	5.60E-04	6.17E-03	1.51E-03	2.87E+00	3.91E-08	6.02E-08	7.99E-01	6.30E-03	1.20E-03	6.28E-02	1.10E-02	1.92E-01	3.14E+01	1.19E+00	1.25E-07	5.01E-08	2.22E-03	4.23E-05	7.44E-01	2.24E-01	3.26E+01	1.80E-04	3.26E+01	3.36E+01	9.69E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-01
MFN710A	7.61E-03	1.01E+00	-8.98E-03	1.03E+00	9.10E-07	0.00E+00	6.42E+02	3.52E-05	5.84E-04	6.39E-03	9.18E-04	1.92E+00	2.21E-08	4.63E-08	3.96E+00	1.03E-01	1.25E-03	6.04E-02	1.19E-02	1.92E-01	3.77E+01	1.11E+00	1.01E-07	5.03E-08	2.53E-03	9.69E-05	4.34E-01	2.17E-01	3.87E+01	1.84E-04	3.87E+01	3.93E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-01
MFN716	6.89E-03	9.04E-01	-2.97E-03	9.07E-01	9.03E-07	0.00E+00	7.93E+02	1.16E-05	5.58E-04	6.14E-03	0.00E+00	2.94E+00	3.92E-08	6.13E-08	7.63E-01	6.10E-03	1.20E-03	6.28E-02	1.11E-02	1.85E-01	3.12E+01	1.19E+00	1.25E-07	5.02E-08	2.23E-03	4.22E-05	6.95E-01	2.25E-01	3.24E+01	1.81E-04	3.24E+01	3.33E+01	9.19E-01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
MFN716A	8.84E-03	1.01E+00	-2.38E-03	1.02E+00	9.27E-07	0.00E+00	6.97E+02	9.68E-05	5.92E-04	6.79E-03	8.39E-04	3.85E+00	2.61E-08	8.63E-08	6.60E+00	2.33E-01	1.25E-03	6.08E-02	1.43E-02	1.98E-01	3.64E+01	1.11E+00	1.18E-07	5.87E-08	2.65E-03	9.88E-05	5.70E-01	2.17E-01	3.76E+01	1.96E-04	3.75E+01	3.87E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-01
MFN720	1.00E-02	1.01E+00	2.99E-03	1.00E+00	1.01E-06	0.00E+00	8.15E+02	1.92E-04	6.95E-04	7.72E-03	9.45E-04	4.83E+00	8.12E-08	1.09E-07	1.01E+01	5.38E-01	1.28E-03	6.23E-02	1.70E-02	2.80E-01	3.34E+01	1.19E+00	1.36E-07	6.70E-08	2.85E-03	1.43E-04	5.47E-01	2.26E-01	3.46E+01	2.20E-04	3.46E+01	3.54E+01	7.74E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01
MFN720A	4.46E-02	4.56E+00	-4.64E-02	5.27E+00	2.89E-06	0.00E+00	2.25E+03	4.28E-04	3.70E-03	3.56E-02	4.14E-03	1.65E+01	6.00E-08	3.32E-07	2.27E+01	1.23E+00	7.17E-03	2.80E-01	7.77E-02	9.49E-01	1.85E+02	5.18E+00	1.46E-06	3.31E-07	1.63E-02	3.96E-04	2.41E+00	1.52E+00	1.96E+02	8.73E-04	1.89E+02	1.94E+02	5.11E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+00
MFN725	1.23E-02	1.02E+00	3.49E-03	1.02E+00	9.91E-07	0.00E+00	8.01E+02	1.88E-04	6.97E-04	7.73E-03	9.45E-04	6.63E+00	7.02E-08	1.42E-07	1.43E+01	5.52E-01	1.29E-03	6.35E-02	1.99E-02	2.23E-01	3.16E+01	1.17E+00	1.35E-07	8.15E-08	2.95E-03	1.06E-04	6.48E-01	2.18E-01	3.26E+01	2.42E-04	3.26E+01	3.38E+01	8.73E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MFN732	1.31E-02	1.02E+00	7.81E-03	1.01E+00	1.03E-06	0.00E+00	8.17E+02	2.33E-04	7.44E-04	8.35E-03	9.77E-04	7.09E+00	8.17E-08	1.52E-07	1.52E+01	6.65E-01	1.32E-03	6.39E-02	2.06E-02	2.85E-01	3.06E+01	1.19E+00	1.49E-07	8.55E-08	3.17E-03	1.48E-04	6.70E-01	2.30E-01	3.18E+01	2.42E-04	3.18E+01	3.27E+01	9.00E-01	0.00E+00	0.00E+00	0.00E+00	8.84E-01
MFN910	1.03E-02	1.41E+00	-1.00E-02	1.42E+00	2.15E-06	0.00E+00	1.13E+03	9.95E-05	1.00E-03	1.09E-02	1.23E-03	4.41E+00	1.36E-07	1.00E-07	8.01E+00	2.50E-01	1.67E-03	6.32E-02	1.62E-02	3.55E-01	4.53E+01	1.86E+00	1.46E-07	7.04E-08	3.75E-03	1.61E-04	7.89E-01	3.45E-01	4.71E+01	1.37E-03	4.71E+01	4.82E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-01
MFN916	1.04E-02	1.41E+00	-9.96E-03	1.42E+00	2.15E-06	0.00E+00	1.13E+03	9.95E-05	1.00E-03	1.09E-02	1.24E-03	4.48E+00	1.36E-07	1.01E-07	8.16E+00	2.50E-01	1.68E-03	6.32E-02	1.63E-02	3.56E-01	4.53E+01	1.86E+00	1.47E-07	7.09E-08	3.76E-03	1.61E-04	7.88E-01	3.46E-01	4.71E+01	1.37E-03	4.71E+01	4.82E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-01
MFN920	1.30E-02	1.39E+00	-3.92E-03	1.39E+00	1.31E-06	0.00E+00	1.14E+03	2.07E-04	1.04E-03	1.14E-02	1.25E-03	6.37E+00	1.72E-07	1.42E-07	1.23E+01	5.62E-01	1.70E-03	6.41E-02	1.96E-02	3.63E-01	4.00E+01	1.84E+00	1.57E-07	8.68E-08	3.99E-03	1.64E-04	9.41E-01	3.47E-01	4.18E+01	1.41E-03	4.18E+01	4.31E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-01
MFN925	1.57E-02	1.39E+00	9.34E-04	1.39E+00	4.33E-07	0.00E+00	1.14E+03	2.49E-04	1.08E-03	1.20E-02	1.26E-03	8.39E+00	1.72E-07	1.81E-07	1.63E+01	6.85E-01	1.71E-03	6.56E-02	2.28E-02	3.69E-01	3.70E+01	1.81E+00	1.68E-07	1.04E-07	4.28E-03	1.67E-04	1.05E+00	3.48E-01	3.88E+01	1.43E-03	3.88E+01	4.02E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-01
MFS701	1.26E-02	1.07E+00	1.36E-03	1.07E+00	1.02E-06	0.00E+00	7.83E+02	1.72E-04	7.56E-04	8.40E-03	1.03E-03	6.37E+00	3.72E-07	1.38E-07	1.40E+01	4.10E-01	1.39E-03	6.89E-02	2.05E-02	2.62E-01	3.73E+01	1.24E+00	1.46E-07	8.45E-08	3.18E-03	8.36E-05	7.54E-01	2.35E-01	3.85E+01	2.37E-04	3.85E+01	3.95E+01	9.89E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MFS702	1.18E-02	1.06E+00	-7.99E-04	1.06E+00	1.01E-06	0.00E+00	7.83E+02	1.56E-04	7.49E-04	8.31E-03	9.73E-04	5.56E+00	2.49E-07	1.22E-07	1.21E+01	3.76E-01	1.32E-03	6.67E-02	1.95E-02	2.47E-01	3.70E+01	1.24E+00	1.42E-07	7.86E-08	3.11E-03	7.86E-05	6.69E-01	2.37E-01	3.82E+01	2.26E-04	3.82E+01	3.92E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	8.37E-01
MFS706	1.11E-02	1.03E+00	9.16E-04	1.03E+00	1.01E-06	0.00E+00	7.84E+02	1.66E-04	7.22E-04	7.99E-03	9.80E-04	5.55E+00	3.19E-07	1.20E-07	1.22E+01	3.95E-01	1.33E-03	6.79E-02	1.83E-02	2.06E-01	3.66E+01	1.25E+00	1.41E-07	7.43E-08	2.97E-03	7.32E-05	6.90E-01	2.30E-01	3.79E+01	2.37E-04	3.79E+01	3.88E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MFS710	1.03E-02	1.04E+00	-1.32E-03	1.04E+00	1.01E-06	0.00E+00	7.72E+02	1.56E-04	7.22E-04	7.99E-03	9.23E-04	4.80E+00	2.46E-07	1.06E-07	1.03E+01	3.75E-01	1.25E-03	6.97E-02	1.73E-02	2.05E-01	3.70E+01	1.21E+00	1.36E-07	6.83E-08	2.93E-03	7.30E-05	5.55E-01	2.24E-01	3.83E+01	2.19E-04	3.83E+01	3.90E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	7.45E-01
MFS716	1.04E-02	1.04E+00	-1.23E-03	1.05E+00	1.01E-06	0.00E+00	7.70E+02	1.56E-04	7.24E-04	8.01E-03	9.26E-04	4.87E+00	2.46E-07	1.08E-07	1.05E+01	3.75E-01	1.26E-03	6.97E-02	1.74E-02	2.05E-01	3.71E+01	1.21E+00	1.37E-07	6.89E-08	2.95E-03	7.32E-05	5.58E-01	2.25E-01	3.83E+01	2.20E-04	3.83E+01	3.91E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
MFS720	1.40E-02	1.01E+00	7.73E-03	1.01E+00	1.09E-06	0.00E+00	7.75E+02	3.07E-04	7.71E-04	8.75E-03	9.42E-04	7.53E+00	2.47E-07	1.65E-07	1.63E+01	8.33E-01	1.28E-03	7.15E-02	2.24E-02	2.09E-01	3.00E+01	1.21E+00	1.52E-07	9.09E-08	3.27E-03	7.92E-05	7.71E-01	2.26E-01	3.12E+01	2.67E-04	3.12E+01	3.22E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	9.61E-01
MFS725	1.61E-02	1.02E+00	1.08E-02	1.00E+00	1.09E-06	0.00E+00	7.47E+02	3.30E-04	7.84E-04	8.94E-03	9.92E-04	9.22E+00	1.92E-07	1.97E-07	2.01E+01	9.20E-01	1.34E-03	7.61E-02	2.52E-02	2.04E-01	3.03E+01	1.09E+00	1.61E-07	1.05E-07	3.46E-03	8.37E-05	8.77E-01	2.31E-01	3.14E+01	2.85E-04	3.14E+01	3.25E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MFS732	1.65E-02	1.04E+00	1.11E-02	1.03E+00	1.09E-06	0.00E+00	7.46E+02	3.30E-04	8.11E-04	9.26E-03	1.01E-03	9.46E+00	1.92E-07	2.01E-07	2.06E+01	9.21E-01	1.36E-03	7.61E-02	2.55E-02	2.03E-01	3.05E+01	1.09E+00	1.63E-07	1.07E-07	3.56E-03	8.46E-05	8.83E-01	2.33E-01	3.16E+01	2.88E-04	3.16E+01	3.27E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MHN506	6.92E-03	9.15E-01	-6.01E-03	9.22E-01	9.42E-07	0.00E+00	7.58E+02	6.80E-05	5.92E-04	6.46E-03	9.02E-04	3.04E+00	4.72E-08	6.27E-08	4.95E+00	1.71E-01	1.21E-03	5.76E-02	1.23E-02	1.35E-01	3.50E+01	1.10E+00	1.25E-07	4.92E-08	2.33E-03	5.54E-05	3.36E-01	2.10E-01	3.63E+01	1.77E-04	3.63E+01	3.65E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
MHN506A	7.22E-03	1.03E+00	-6.61E-03	1.03E+00	1.03E-06	0.00E+00	7.25E+02	8.16E-05	7.41E-04	7.76E-03	9.53E-04	3.11E+00	4.76E-08	6.71E-08	5.91E+00	2.11E-01	1.26E-03	6.02E-02	1.34E-02	1.89E-01	3.78E+01	1.23E+00	1.25E-07	5.08E-08	2.51E-03	5.55E-05	3.22E-01	2.59E-01	3.91E+01	1.86E-04	3.91E+01	3.98E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	5.60E-01
MHN510	6.94E-03	9.05E-01	-5.78E-03	9.10E-01	9.46E-07	0.00E+00	7.42E+02	8.49E-05	5.85E-04	6.38E-03	8.95E-04	2.90E+00	4.81E-08	6.52E-08	5.91E+00	2.18E-01	1.21E-03	5.64E-02	1.28E-02	1.34E-01	3.46E+01	1.10E+00	1.23E-07	4.74E-08	2.32E-03	5.49E-05	3.14E-01	2.22E-01	3.57E+01	1.85E-04	3.57E+01	3.63E+01	5.36E-01	0.00E+00	0.00E+00	0.00E+00	5.48E-01
MHN510A	7.15E-03	9.34E-01	-6.22E-03	9.45E-01	9.42E-07	0.00E+00	7.21E+02	6.84E-05	6.05E-04	6.60E-03	9.27E-04	2.89E+00	4.77E-08	6.37E-08	5.24E+00	1.76E-01	1.23E-03	6.35E-02	1.30E-02	1.38E-01	3.78E+01	1.07E+00	1.25E-07	4.94E-08	2.40E-03	5.51E-05	3.57E-01	2.11E-01	3.87E+01	1.81E-04	3.87E+01	3.94E+01	5.69E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-01
MHN516	7.07E-03	9.12E-01	-5.53E-03	9.17E-01	9.46E-07	0.00E+00	7.42E+02	8.50E-05	5.91E-04	6.46E-03	9.02E-04	2.98E+00	4.81E-08	6.68E-08	6.14E+00	2.18E-01	1.22E-03	5.64E-02	1.29E-02	1.40E-01	3.52E+01	1.10E+00	1.23E-07	4.86E-08	2.35E-03	5.63E-05	3.69E-01	2.22E-01	3.63E+01	1.85E-04	3.63E+01	3.68E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MHN516A	7.39E-03	1.02E+00	-6.47E-03	1.01E+00	9.51E-07	0.00E+00	7.24E+02	8.75E-05	7.49E-04	7.97E-03	9.02E-04	2.91E+00	4.75E-08	6.88E-08	5.91E+00	2.12E-01	1.23E-03	6.35E-02	1.37E-02	1.47E-01	3.78E+01	1.07E+00	1.25E-07	5.07E-08	2.50E-03	5.52E-05	4.26E-01	2.53E-01	3.92E+01	1.84E-04	3.92E+01	3.96E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	5.68E-01
MHN520	1.16E-02	9.52E-01	1.53E-03	9.51E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.73E-04	7.50E-03	9.66E-04	6.18E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.89E-02	1.50E-01	3.23E+01	1.10E+00	1.43E-07	7.56E-08	2.88E-03	6.25E-05	5.11E-01	2.35E-01	3.34E+01	2.41E-04	3.34E+01	3.41E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MHN520A	1.16E-02	1.06E+00	1.47E-03	1.04E+00	1.00E-06	0.00E+00	7.29E+02	1.90E-04	7.79E-04	8.47E-03	9.83E-04	6.18E+00	8.39E-08	1.30E-07	1.33E+01	5.12E-01	1.32E-03	6.69E-02	1.93E-02	2.08E-01	3.46E+01	1.06E+00	1.44E-07	7.63E-08	2.99E-03	6.36E-05	5.67E-01	2.61E-01	3.58E+01	2.40E-04	3.58E+01	3.65E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-01
MHN525	1.22E-02	9.52E-01	3.14E-03	9.49E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.84E-04	7.68E-03	9.79E-04	6.54E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.32E-03	6.46E-02	1.98E-02	1.54E-01	3.13E+01	1.10E+00	1.45E-07	7.92E-08	2.94E-03	6.36E-05	5.55E-01	2.37E-01	3.24E+01	2.46E-04	3.24E+01	3.31E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	8.48E-01
MHN525A	1.22E-02	9.81E-01	2.89E-03	9.81E-01	1.01E-06	0.00E+00	7.27E+02	2.12E-04	6.98E-04	7.85E-03	9.97E-04	6.53E+00	8.36E-08	1.40E-07	1.40E+01	5.89E-01	1.35E-03	6.71E-02	1.99E-02	1.56E-01	3.40E+01	1.07E+00	1.45E-07	7.94E-08	3.00E-03	6.51E-05	5.73E-01	2.16E-01	3.51E+01	2.63E-04	3.51E+01	3.58E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-01
MHN532	1.24E-02	9.57E-01	3.46E-03	9.54E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.89E-04	7.73E-03	9.93E-04	6.78E+00	8.41E-08	1.44E-07	1.45E+01	6.06E-01	1.34E-03	6.46E-02	2.00E-02	1.50E-01	3.14E+01	1.10E+00	1.47E-07	8.06E-08	2.97E-03	6.43E-05	5.63E-01	2.38E-01	3.25E+01	2.48E-04	3.25E+01	3.33E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MHN532A	1.26E-02	9.82E-01	3.07E-03	9.83E-01	1.01E-06	0.00E+00	7.27E+02	2.16E-04	6.99E-04	7.87E-03	9.97E-04	6.82E+00	8.34E-08	1.45E-07	1.47E+01	5.95E-01	1.35E-03	6.71E-02	2.02E-02	1.56E-01	3.33E+01	1.07E+00	1.46E-07	8.33E-08	3.01E-03	6.55E-05	5.99E-01	2.17E-01	3.44E+01	2.71E-04	3.43E+01	3.51E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-01

MHN706	7.94E-03	1.08E+00	-1.60E-02	1.08E+00	1.01E-06	0.00E+00	1.34E+03	8.29E-05	8.21E-04	8.65E-03	1.02E-03	3.43E+00	5.34E-08	7.15E-08	7.24E+00	2.16E-01	1.35E-03	6.44E-02	1.40E-02	2.07E-01	3.96E+01	1.43E+00	1.41E-07	5.34E-08	2.72E-03	5.00E-05	4.34E-01	4.01E-01	4.07E+01	1.98E-04	4.08E+01	4.17E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
MHN710	7.93E-03	1.00E+00	-7.92E-03	1.01E+00	8.79E-07	0.00E+00	7.60E+02	5.68E-05	6.35E-04	7.02E-03	9.59E-04	3.21E+00	4.68E-08	6.88E-08	6.50E+00	1.38E-01	1.31E-03	6.49E-02	1.41E-02	1.46E-01	3.79E+01	1.11E+00	1.40E-07	5.28E-08	2.59E-03	4.88E-05	4.64E-01	2.14E-01	3.89E+01	2.09E-04	3.89E+01	3.97E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
MHS506	6.91E-03	8.91E-01	-4.75E-03	8.95E-01	9.46E-07	0.00E+00	7.74E+02	9.55E-05	6.05E-04	6.64E-03	8.77E-04	3.91E+00	8.54E-08	6.35E-08	7.37E+00	2.50E-01	1.19E-03	5.36E-02	9.71E-03	1.44E-01	3.38E+01	1.19E+00	1.28E-07	4.72E-08	2.34E-03	5.62E-05	3.59E-01	2.05E-01	3.53E+01	1.87E-04	3.53E+01	3.62E+01	6.08E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-01
MHS510	6.91E-03	9.25E-01	-5.11E-03	9.19E-01	9.55E-07	0.00E+00	7.72E+02	1.04E-04	7.27E-04	7.78E-03	8.68E-04	3.76E+00	9.38E-08	6.39E-08	7.25E+00	2.72E-01	1.17E-03	4.99E-02	9.93E-03	1.49E-01	3.36E+01	1.21E+00	1.28E-07	4.66E-08	2.43E-03	5.58E-05	3.59E-01	2.21E-01	3.52E+01	1.89E-04	3.52E+01	3.60E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	4.43E-01
MHS516	8.22E-03	8.99E-01	-2.88E-03	9.02E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.07E-04	6.69E-03	8.79E-04	3.77E+00	9.54E-08	8.34E-08	8.08E+00	3.01E-01	1.19E-03	5.54E-02	1.44E-02	1.49E-01	3.26E+01	1.22E+00	1.28E-07	5.57E-08	2.45E-03	5.67E-05	4.87E-01	2.20E-01	3.39E+01	1.92E-04	3.39E+01	3.46E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MHT706	7.53E-03	1.16E+00	-1.70E-02	1.16E+00	9.59E-07	0.00E+00	9.13E+02	3.73E-05	7.84E-04	8.56E-03	1.04E-03	1.73E+00	1.57E-08	6.00E-08	3.49E+00	8.69E-02	1.38E-03	5.64E-02	1.18E-02	2.07E-01	4.01E+01	1.19E+00	1.06E-07	5.07E-08	3.04E-03	6.32E-05	5.00E-01	4.12E-01	4.11E+01	3.20E-03	4.12E+01	4.19E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	5.13E-01
MHT710	7.30E-03	1.15E+00	-1.02E-02	1.16E+00	9.20E-07	0.00E+00	4.57E+02	3.50E-05	7.73E-04	8.34E-03	9.52E-04	1.84E+00	1.54E-08	5.32E-08	3.55E+00	8.08E-02	1.29E-03	5.63E-02	1.03E-02	1.91E-01	3.98E+01	1.02E+00	8.42E-08	4.83E-08	2.92E-03	5.91E-05	4.72E-01	2.54E-01	4.09E+01	3.20E-03	4.09E+01	4.17E+01	7.22E-01	0.00E+00	0.00E+00	0.00E+00	4.39E-01
MHT716	8.10E-03	1.15E+00	-9.18E-03	1.16E+00	9.32E-07	0.00E+00	4.57E+02	4.67E-05	7.81E-04	8.49E-03	9.78E-04	2.38E+00	1.57E-08	6.67E-08	4.80E+00	9.53E-02	1.32E-03	5.63E-02	1.20E-02	2.00E-01	3.97E+01	1.13E+00	1.02E-07	5.37E-08	3.03E-03	5.93E-05	5.27E-01	3.09E-01	4.08E+01	3.26E-03	4.09E+01	4.15E+01	7.96E-01	0.00E+00	0.00E+00	0.00E+00	5.00E-01
MHT720	9.89E-03	1.13E+00	-1.62E-02	1.12E+00	1.01E-06	0.00E+00	1.14E+03	1.14E-04	8.71E-04	9.69E-03	1.07E-03	3.97E+00	4.38E-08	9.75E-08	8.20E+00	3.68E-01	1.40E-03	5.73E-02	1.44E-02	2.00E-01	3.50E+01	1.28E+00	1.05E-07	6.36E-08	3.20E-03	6.51E-05	5.93E-01	4.19E-01	3.63E+01	3.30E-03	3.66E+01	3.79E+01	8.84E-01	0.00E+00	0.00E+00	0.00E+00	6.21E-01
MHT725	1.06E-02	1.12E+00	-1.64E-02	1.12E+00	1.09E-06	0.00E+00	1.14E+03	1.33E-04	8.82E-04	9.74E-03	1.05E-03	5.07E+00	4.50E-08	1.19E-07	1.05E+01	4.06E-01	1.40E-03	5.81E-02	1.59E-02	1.98E-01	3.48E+01	1.29E+00	1.07E-07	6.96E-08	3.26E-03	6.44E-05	6.01E-01	4.51E-01	3.62E+01	3.33E-03	3.65E+01	3.82E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-01
MHT732	1.24E-02	1.13E+00	-1.53E-02	1.12E+00	1.09E-06	0.00E+00	1.13E+03	1.35E-04	8.81E-04	9.71E-03	1.05E-03	5.12E+00	4.49E-08	1.20E-07	1.06E+01	4.08E-01	1.41E-03	5.81E-02	1.66E-02	1.99E-01	3.46E+01	1.28E+00	1.07E-07	7.78E-08	3.28E-03	6.48E-05	6.23E-01	4.51E-01	3.52E+01	3.33E-03	3.55E+01	3.76E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	6.84E-01
MHT740	1.27E-02	1.12E+00	-1.69E-02	1.11E+00	1.20E-06	0.00E+00	1.13E+03	1.53E-04	8.83E-04	9.84E-03	1.08E-03	5.69E+00	4.53E-08	1.34E-07	1.20E+01	4.47E-01	1.47E-03	5.87E-02	1.84E-02	1.99E-01	3.32E+01	1.32E+00	1.14E-07	7.88E-08	3.35E-03	6.53E-05	6.25E-01	5.09E-01	3.40E+01	3.35E-03	3.43E+01	3.60E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01
MJ506J	7.18E-03	1.00E+00	-6.43E-03	9.92E-01	4.66E-07	0.00E+00	7.25E+02	7.66E-05	7.10E-04	7.54E-03	9.08E-04	3.00E+00	5.05E-08	6.38E-08	5.13E+00	1.91E-01	1.23E-03	5.89E-02	1.30E-02	1.41E-01	3.68E+01	1.07E+00	1.24E-07	5.00E-08	2.44E-03	5.45E-05	3.25E-01	2.26E-01	3.86E+01	1.81E-04	3.86E+01	3.90E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	5.46E-01
MJ510J	7.18E-03	1.01E+00	-6.51E-03	1.00E+00	4.65E-07	0.00E+00	7.23E+02	7.89E-05	7.37E-04	7.85E-03	9.09E-04	2.84E+00	5.10E-08	6.38E-08	5.24E+00	1.97E-01	1.22E-03	6.44E-02	1.31E-02	1.47E-01	3.77E+01	1.07E+00	1.24E-07	5.03E-08	2.47E-03	5.47E-05	3.57E-01	2.52E-01	3.89E+01	1.83E-04	3.89E+01	3.97E+01	5.61E-01	0.00E+00	0.00E+00	0.00E+00	5.55E-01
MJ516J	7.30E-03	1.02E+00	-6.48E-03	1.01E+00	4.81E-07	0.00E+00	7.24E+02	8.30E-05	7.48E-04	7.97E-03	8.83E-04	2.87E+00	5.11E-08	6.86E-08	5.54E+00	2.06E-01	1.23E-03	6.44E-02	1.38E-02	1.48E-01	3.85E+01	1.07E+00	1.25E-07	5.07E-08	2.53E-03	5.46E-05	4.21E-01	2.52E-01	3.95E+01	1.84E-04	3.95E+01	3.99E+01	5.88E-01	0.00E+00	0.00E+00	0.00E+00	5.68E-01
MJ520J	1.17E-02	1.06E+00	1.57E-03	1.06E+00	5.76E-07	0.00E+00	1.32E+03	1.79E-04	8.44E-04	9.16E-03	1.02E-03	6.21E+00	8.81E-08	1.24E-07	1.32E+01	5.03E-01	1.36E-03	6.71E-02	1.94E-02	2.10E-01	3.53E+01	1.39E+00	1.45E-07	7.60E-08	2.97E-03	6.47E-05	5.46E-01	4.09E-01	3.64E+01	2.28E-04	3.65E+01	3.74E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MJ525J	1.21E-02	1.07E+00	2.99E-03	1.06E+00	5.29E-07	0.00E+00	1.04E+03	2.14E-04	7.82E-04	8.61E-03	1.04E-03	6.52E+00	8.85E-08	1.32E-07	1.41E+01	6.11E-01	1.35E-03	6.75E-02	2.01E-02	2.08E-01	3.44E+01	1.22E+00	1.45E-07	7.87E-08	3.01E-03	6.55E-05	5.68E-01	4.02E-01	3.57E+01	2.31E-04	3.58E+01	3.68E+01	8.32E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MJ532J	1.25E-02	1.08E+00	3.12E-03	1.07E+00	7.13E-07	0.00E+00	1.20E+03	2.11E-04	8.44E-04	9.31E-03	1.04E-03	6.41E+00	9.11E-08	1.29E-07	1.39E+01	5.79E-01	1.40E-03	6.76E-02	2.07E-02	2.09E-01	3.46E+01	1.39E+00	1.46E-07	8.16E-08	3.05E-03	6.61E-05	6.02E-01	4.46E-01	3.58E+01	2.42E-04	3.53E+01	3.66E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	8.43E-01
MJ540J	1.30E-02	9.83E-01	3.45E-03	9.82E-01	5.07E-07	0.00E+00	7.26E+02	2.19E-04	7.01E-04	7.91E-03	1.00E-03	7.00E+00	9.23E-08	1.43E-07	1.50E+01	6.10E-01	1.35E-03	6.73E-02	2.04E-02	1.59E-01	3.36E+01	1.07E+00	1.47E-07	8.52E-08	3.02E-03	6.63E-05	6.06E-01	2.17E-01	3.45E+01	2.71E-04	3.45E+01	3.54E+01	8.29E-01	0.00E+00	0.00E+00	0.00E+00	8.83E-01
MJ706P	8.29E-03	1.12E+00	-6.72E-03	1.12E+00	6.32E-07	0.00E+00	6.80E+02	5.71E-05	8.74E-04	9.46E-03	8.91E-04	2.19E+00	2.15E-08	5.45E-08	4.67E+00	1.46E-01	1.26E-03	6.10E-02	1.25E-02	1.91E-01	3.80E+01	1.06E+00	1.14E-07	5.37E-08	3.49E-03	7.26E-05	3.34E-01	2.32E-01	3.92E+01	1.82E-04	3.92E+01	3.93E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MJ710P	8.07E-03	1.02E+00	-8.23E-03	1.04E+00	6.29E-07	0.00E+00	6.66E+02	4.54E-05	6.21E-04	7.19E-03	8.64E-04	1.83E+00	1.88E-08	4.94E-08	3.96E+00	1.09E-01	1.22E-03	6.09E-02	1.23E-02	1.49E-01	3.77E+01	1.06E+00	1.04E-07	5.08E-08	3.05E-03	6.94E-05	3.10E-01	2.32E-01	3.83E+01	1.74E-04	3.83E+01	3.89E+01	5.44E-01	0.00E+00	0.00E+00	0.00E+00	5.03E-01
MJ716P	9.08E-03	1.05E+00	-2.95E-03	1.08E+00	6.41E-07	0.00E+00	7.02E+02	1.03E-04	6.39E-04	7.42E-03	8.24E-04	3.68E+00	2.25E-08	8.68E-08	6.55E+00	2.29E-01	1.22E-03	6.11E-02	1.43E-02	1.52E-01	3.66E+01	1.07E+00	1.17E-07	5.73E-08	3.21E-03	7.37E-05	4.72E-01	2.32E-01	3.76E+01	1.90E-04	3.77E+01	3.80E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	6.12E-01
MJ720P	9.62E-03	1.08E+00	-2.92E-03	1.10E+00	6.43E-07	0.00E+00	7.01E+02	1.06E-04	7.22E-04	8.04E-03	9.68E-04	3.71E+00	2.25E-08	8.87E-08	6.74E+00	2.43E-01	1.32E-03	6.22E-02	1.45E-02	1.95E-01	3.67E+01	1.06E+00	1.21E-07	6.22E-08	3.94E-03	7.87E-05	5.27E-01	2.37E-01	3.78E+01	2.23E-04	3.79E+01	3.82E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
MJ725P	1.36E-02	1.13E+00	-2.77E-03	1.14E+00	6.36E-07	0.00E+00	7.00E+02	1.44E-04	9.08E-04	9.73E-03	1.00E-03	6.02E+00	2.47E-08	1.33E-07	1.29E+01	3.60E-01	1.35E-03	6.23E-02	1.76E-02	2.14E-01	3.66E+01	1.06E+00	1.31E-07	8.93E-08	3.87E-03	7.92E-05	5.74E-01	2.39E-01	3.78E+01	2.44E-04	3.78E+01	3.84E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MJ732P	1.40E-02	1.08E+00	-1.61E-03	1.10E+00	6.45E-07	0.00E+00	6.90E+02	1.50E-04	7.35E-04	8.13E-03	1.01E-03	6.14E+00	2.61E-08	1.40E-07	1.30E+01	3.74E-01	1.36E-03	6.23E-02	1.79E-02	2.00E-01	3.61E+01	1.06E+00	1.23E-07	9.08E-08	3.96E-03	8.06E-05	6.34E-01	2.30E-01	3.75E+01	2.81E-04	3.75E+01	3.78E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MJ740P	1.39E-02	1.12E+00	-2.80E-03	1.13E+00	6.57E-07	0.00E+00	7.02E+02	1.59E-04	9.07E-04	9.75E-03	1.01E-03	6.22E+00	2.48E-08	1.39E-07	1.31E+01	3.96E-01	1.37E-03	6.22E-02	1.76E-02	2.18E-01	3.65E+01	1.07E+00	1.31E-07	9.08E-08	3.87E-03	7.93E-05	6.16E-01	2.39E-01	3.79E+01	2.32E-04	3.79E+01	3.84E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-01
MJN502	7.51E-03	1.06E+00	-4.76E-02	1.07E+00	1.23E-06	0.00E+00	1.47E+03	6.89E-05	8.29E-04	8.79E-03	9.75E-04	3.13E+00	6.71E-08	6.62E-08	5.70E+00	1.76E-01	1.29E-03	6.04E-02	1.33E-02	1.91E-01	3.67E+01	1.45E+00	1.25E-07	5.39E-08	2.56E-03	7.47E-05	5.34E-01	9.27E-01	3.82E+01	1.85E-04	3.79E+01	3.78E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	5.53E-01
MJN502A	7.82E-03	1.06E+00	-7.23E-03	1.06E+00	9.21E-07	0.00E+00	8.37E+02	7.22E-05	7.47E-04	7.91E-03	9.58E-04	3.15E+00	5.54E-08	7.55E-08	6.21E+00	1.81E-01	1.30E-03	6.25E-02	1.41E-02	2.07E-01	3.86E+01	1.09E+00	1.25E-07	5.43E-08	2.65E-03	7.68E-05	3.53E-01	2.60E-01	3.92E+01	1.83E-04	3.92E+01	3.96E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MJN504	7.37E-03	9.37E-01	-5.67E-03	9.49E-01	9.42E-07	0.00E+00	7.59E+02	6.71E-05	6.15E-04	6.73E-03	9.89E-04	3.24E+00	5.34E-08	6.89E-08	5.10E+00	1.74E-01	1.23E-03	5.97E-02	1.31E-02	1.56E-01	3.50E+01	1.11E+00	1.25E-07	5.23E-08	2.40E-03	7.36E-05	3.62E-01	2.11E-01	3.61E+01	1.81E-04	3.61E+01	3.59E+01	5.56E-01	0.00E+00	0.00E+00	0.00E+00	5.45E-01
MJN504A	7.70E-03	9.91E-01	-6.13E-03	1.00E+00	9.41E-07	0.00E+00	7.23E+02	6.94E-05	6.36E-04	7.00E-03	9.50E-04	3.25E+00	5.31E-08	7.39E-08	6.24E+00	1.87E-01	1.28E-03	6.23E-02	1.40E-02	1.64E-01	3.86E+01	1.08E+00	1.25E-07	5.28E-08	2.55E-03	7.55E-05	3.49E-01	2.15E-01	3.91E+01	1.86E-04	3.91E+01	3.92E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MJN506	6.97E-03	9.18E-01	-6.06E-03	9.22E-01	9.42E-07	0.00E+00	7.59E+02	8.02E-05	5.93E-04	6.47E-03	9.06E-04	3.04E+00	4.74E-08	6.31E-08	5.00E+00	2.01E-01	1.21E-03	5.87E-02	1.25E-02	1.35E-01	3.52E+01	1.10E+00	1.25E-07	4.93E-08	2.34E-03	5.54E-05	3.27E-01	2.24E-01	3.65E+01	1.80E-04	3.65E+01	3.67E+01	5.44E-01	0.00E+00	0.00E+00	0.00E+00	5.31E-01
MJN506A	7.20E-03	9.11E-01	-5.92E-03	9.17E-01	9.46E-07	0.00E+00	7.29E+02	8.44E-05	5.92E-04	6.45E-03	9.28E-04	3.14E+00	4.77E-08	6.99E-08	6.48E+00	2.18E-01	1.26E-03	5.64E-02	1.29E-02	1.26E-01	3.51E+01	1.07E+00	1.23E-07	4.85E-08	2.36E-03	5.55E-05	3.06E-01	2.25E-01	3.62E+01	1.86E-04	3.62E+01	3.67E+01	5.31E-01	0.00E+00	0.00E+00	0.00E+00	5.52E-01
MJN510	6.97E-03	9.10E-01	-5.64E-03	9.16E-01	9.46E-07	0.00E+00	7.43E+02	8.50E-05	5.90E-04	6.44E-03	8.97E-04	2.90E+00	4.81E-08	6.54E-08	5.97E+00	2.18E-01	1.22E-03	5.64E-02	1.28E-02	1.40E-01	3.51E+01	1.10E+00	1.23E-07	4.81E-08	2.34E-03	5.62E-05	3.67E-01	2.22E-01	3.62E+01	1.84E-04	3.62E+01	3.68E+01	5.89E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01
MJN510A	7.05E-03	9.35E-01	-6.12E-03	9.41E-01	9.46E-07	0.00E+00	7.27E+02	8.46E-05	6.02E-04	6.58E-03	9.12E-04	2.90E+00	4.81E-08	6.61E-08	5.96E+00	2.18E-01	1.24E-03	5.94E-02	1.31E-02	1.39E-01	3.70E+01	1.07E+00	1.22E-07	4.84E-08	2.39E-03	5.63E-05	3.60E-01	2.23E-01	3.81E+01	1.84E-04	3.81E+01	3.87E+01	5.84E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-01
MJN513A	7.87E-03	1.03E+00	-6.98E-03	1.02E+00	1.05E-06	0.00E+00	7.24E+02	9.33E-05	7.57E-04	8.13E-03	8.72E-04	3.00E+00	4.89E-08	7.22E-08	6.21E+00	2.37E-01	1.24E-03	6.45E-02	1.43E-02	1.83E-01	3.84E+01	1.27E+00	1.25E-07	5.48E-08	2.55E-03	5.55E-05	4.57E-01	3.07E-01	3.94E+01	1.87E-04	3.94E+01	3.99E+01	6.49E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-01
MJN516	7.08E-03	9.12E-01	-5.53E-03	9.18E-01	9.46E-07	0.00E+00	7.42E+02	8.50E-05	5.91E-04	6.46E-03	9.02E-04	2.98E+00	4.81E-08	6.68E-08	6.14E+00	2.18E-01	1.22E-03	5.64E-02	1.29E-02	1.40E-01	3.52E+01	1.10E+00	1.23E-07	4.87E-08	2.35E-03	5.64E-05	3.69E-01	2.22E-01	3.63E+01	1.85E-04	3.63E+01	3.69E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MJN516A	7.16E-03	9.36E-01	-6.02E-03	9.42E-01	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.04E-04	6.60E-03	9.18E-04	2.98E+00	4.81E-08	6.75E-08	6.14E+00	2.18E-01	1.24E-03	5.94E-02	1.32E-02	1.39E-01	3.71E+01	1.07E+00	1.23E-07	4.90E-08	2.41E-03	5.65E-05	3.63E-01	2.24E-01	3.81E+01	1.85E-04	3.81E+01	3.87E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	5.66E-01
MJN520	1.16E-02	9.57E-01	1.68E-03	9.55E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.76E-04	7.55E-03	9.68E-04	6.19E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.90E-02	1.55E-01	3.28E+01	1.10E+00	1.43E-07	7.63E-08	2.89E-03	6.38E-05	5.65E-01	2.36E-01	3.39E+01	2.40E-04	3.39E+01	3.47E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	8.14E-01
MJN520A	1.17E-02	9.81E-01	1.19E-03	9.80E-01	1.00E-06	0.00E+00	7.29E+02	1.83E-04	6.89E-04	7.69E-03	9.83E-04	6.19E+00	8.40E-08	1.32E-07	1.32E+01	5.03E-01	1.33E-03	6.73E-02	1.92E-02	1.55E-01	3.47E+01	1.07E+00	1.43E-07	7.66E-08	2.94E-03	6.39E-05	5.58E-01	2.37E-01	3.57E+01	2.40E-04	3.57E+01	3.65E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MJN525	1.22E-02	9.57E-01	3.29E-03	9.53E-01	1.02E-06	0.00E+00	7.48E+02	2.17E-04	6.87E-04	7.72E-03	9.80E-04	6.55E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.33E-03	6.46E-02	1.98E-02	1.59E-01	3.17E+01	1.10E+00	1.45E-07	7.98E-08	2.95E-03	6.50E-05	6.04E-01	2.37E-01	3.28E+01	2.45E-04	3.28E+01	3.37E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MJN525A	1.23E-02	9.81E-01	2.80E-03	9.78E-01	1.02E-06	0.00E+00	7.32E+02	2.17E-04	7.00E-04	7.86E-03	9.96E-04	6.55E+00	8.44E-08	1.41E-07	1.40E+01	6.06E-01	1.35E-03	6.76E-02	2.00E-02	1.59E-01	3.36E+01	1.07E+00	1.45E-07	8.01E-08	3.00E-03	6.50E-05	5.98E-01	2.38E-01	3.47E+01	2.45E-04	3.47E+01	3.55E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MJN532	1.24E-02	9.62E-01	3.62E-03	9.59E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.93E-04	7.78E-03	9.95E-04	6.78E+00	8.41E-08	1.44E-07	1.45E+01	6.06E-01	1.35E-03	6.46E-02	2.01E-02	1.55E-01	3.18E+01	1.10E+00	1.47E-07	8.12E-08	2.99E-03	6.56E-05	6.12E-01	2.38E-01	3.29E+01	2.47E-04	3.29E+01	3.38E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	8.63E-01
MJN532A	1.25E-02	9.87E-01	3.13E-03	9.84E-01	1.02E-06	0.00E+00	7.31E+02	2.17E-04	7.06E-04	7.92E-03	1.01E-03	6.78E+00	8.41E-08	1.45E-07	1.45E+01	6.06E-01	1.37E-03	6.76E-02	2.03E-02	1.55E-01	3.37E+01	1.07E+00	1.46E-07	8.15E-08	3.04E-03	6.57E-05	6.06E-01	2.40E-01	3.48E+01	2.48E-04	3.48E+01	3.56E+01	8.45E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-01
MJN540A	1.27E-02	1.08E+00	3.10E-03	1.07E+00	1.21E-06	0.00E+00	1.25E+03	2.12E-04	8.46E-04	9.31E-03	1.05E-03	6.42E+00	9.77E-08	1.34E-07	1.38E+01	5.77E-01	1.40E-03	6.78E-02	2.06E-02	2.12E-01	3.47E+01	1.39E+00	1.46E-07	8.32E-08	3.06E-03	6.68E-05	6.09E-01	4.46E-01	3.59E+01	2.44E-04	3.54E+01	3.68E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.50E-01
MJN702	8.69E-03	1.10E+00	-1.54E-02	1.10E+00	1.01E-06	0.00E+00	1.34E+03	8.93E-05	8.22E-04	8.86E-03	1.07E-03	3.66E+00	6.45E-08	7.79E-08	7.46E+00	2.27E-01	1.39E-03	6.38E-02	1.46E-02	2.29E-01	3.96E+01	1.45E+00	1.41E-07	5.70E-08	2.80E-03	7.01E-05	4.49E-01	4.01E-01	4.08E+01	1.98E-04	4.09E+01	4.18E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
MJN706	7.90E-03	1.08E+00	-1.54E-02	1.08E+00	1.01E-06	0.00E+00	1.33E+03	8.21E-05	8.22E-04	8.64E-03	1.04E-03	3.43E+00	5.35E-08	7.14E-08	7.22E+00	2.13E-01	1.35E-03	6.47E-02	1.41E-02	2.09E-01	3.96E+01	1.43E+00	1.41E-07	5.33E-08	2.71E-03	5.00E-05	4.32E-01	4.00E-01	4.06E+01	1.97E-04	4.07E+01	4.15E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
MJN706P	8.41E-03	1.11E+00	-7.02E-03	1.12E+00	8.99E-07	0.00E+00	6.68E+02	5.81E-05	8.06E-04	8.71E-03	1.00E-03	2.24E+00	2.14E-08	5.99E-08	4.67E+00	1.54E-01	1.36E-03	6.16E-02	1.25E-02	2.14E-01	3.82E+01	1.05E+00	1.18E-07	5.61E-08	3.72E-03	7.51E-05	3.57E-01	2.47E-01	3.95E+01	1.79E-04	3.95E+01	3.99E+01	6.67E-01	0.00E+00	0.00E+00	0.00E+00	5.31E-01
MJN710	7.60E-03	1.08E+00	-1.56E-02	1.08E+00	1.01E-06	0.00E+00	1.34E+03	6.73E-05	8.37E-04	8.79E-03	9.92E-04	3.04E+00	4.67E-08	6.62E-08	6.04E+00	1.65E-01	1.31E-03	6.56E-02	1.41E-02	2.03E-01	3.84E+01	1.42E+00	1.25E-07	5.40E-08	2.61E-03	4.86E-05	4.59E-01	4.00E-01	3.95E+01	1.87E-04	3.97E+01	4.06E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MJN710P	8.50E-03	1.12E+00	-8.79E-03	1.13E+00	8.99E-07	0.00E+00	6.51E+02	4.69E-05	8.15E-04	8.73E-03	1.00E-03	1.98E+00	1.81E-08	5.88E-08	4.07E+00	1.10E-01	1.36E-03	6.17E-02	1.24E-02	2.17E-01	3.83E+01	1.06E+00	1.05E-07	5.47E-08	3.73E-03	7.55E-05	3.51E-01	2.61E-01	3.93E+01	2.03E-04	3.93E+01	3.99E+01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	5.26E-01
MJN716	8.99E-03	1.07E+00	-9.46E-03	1.06E+00	1.00E-06	0.00E+00	7.61E+02	6.63E-05	7.73E-04	8.20E-03	9.51E-04	2.98E+00	4.67E-08	6.85E-08	5.81E+00	1.48E-01	1.31E-03	6.57E-02	1.36E-02	2.06E-01	3.49E+01	1.28E+00	1.31E-07	5.79E-08	2.64E-03	4.95E-05	4.02E-01	3.09E-01	3.70E+01	1.88E-04	3.71E+01	3.85E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	5.69E-01
MJN716P	9.81E-03	1.12E+00	-3.28E-03	1.12E+00	9.20E-07	0.00E+00	6.95E+02	1.05E-04	8.12E-04	8.82E-03	9.77E-04	3.24E+00	2.03E-08	8.33E-08	6.06E+00	2.35E-01	1.32E-03	6.20E-02	1.43E-02	2.13E-01	3.67E+01	1.06E+00	1.21E-07	6.42E-08	3.80E-03	7.89E-05	4.92E-01	2.38E-01	3.78E+01	2.17E-04	3.79E+01	3.88E+01	7.83E-01	0.00E+00	0.00E+00	0.00E+00	6.31E-01
MJN720	1.17E-02	1.07E+00	-2.88E-03	1.05E+00	1.02E-06	0.00E+00	7.57E+02	1.32E-04	7.85E-04	8.52E-03	9.64E-04	4.95E+00	8.22E-08	1.11E-07	1.10E+01	3.55E-01	1.32E-03	6.67E-02	1.83E-02	2.09E-01	3.21E+01	1.23E+00	1.46E-07	7.10E-08	2.94E-03	6.22E-05	4.75E-01	2.64E-01	3.35E+01	2.32E-04	3.35E+01	3.44E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	7.76E-01
MJN720P	9.69E-03	1.12E+00	-4.28E-03	1.13E+00	9.20E-07	0.00E+00	6.87E+02	9.39E-05	8.14E-04	8.88E-03	1.00E-03	2.80E+00	2.02E-08	7.73E-08	5.23E+00	2.04E-01	1.36E-03	6.19E-02	1.40E-02	2.19E-01	3.69E+01	1.06E+00	1.20E-07	6.35E-08	3.81E-03	7.86E-05	5.04E-01	2.62E-01	3.82E+01	2.13E-04	3.82E+01	3.92E+01	7.87E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-01
MJN725	1.27E-02	1.11E+00	-9.23E-03	1.10E+00	1.04E-06	0.00E+00	1.28E+03	8.30E-05	8.65E-04	9.25E-03	1.04E-03	4.26E+00	7.18E-08	1.06E-07	9.26E+00	3.00E-01	1.38E-03	6.66E-02	2.07E-02	2.13E-01	3.26E+01	1.41E+00	1.46E-07	8.14E-08	2.99E-03	6.44E-05	4.50E-01	3.94E-01	3.38E+01	2.37E-04	3.39E+01	3.52E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	8.14E-01
MJN725P	1.35E-02	1.13E+00	-3.24E-03	1.13E+00	1.01E-06	0.00E+00	7.02E+02	1.42E-04	8.20E-04	8.99E-03	1.02E-03	6.00E+00	2.45E-08	1.32E-07	1.29E+01	3.49E-01	1.37E-03	6.21E-02	1.74E-02	2.18E-01	3.65E+01	1.15E+00	1.34E-07	8.75E-08	3.82E-03	7.88E-05	5.80E-01	3.18E-01	3.79E+01	2.43E-04	3.80E+01	3.86E+01	8.24E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MJN732	1.26E-02	1.11E+00	-9.83E-03	1.10E+00	1.08E-06	0.00E+00	1.25E+03	8.99E-05	8.62E-04	9.25E-03	1.02E-03	4.28E+00	7.46E-08	1.07E-07	9.18E+00	3.07E-01	1.39E-03	6.67E-02	2.07E-02	2.15E-01	3.27E+01	1.41E+00	1.46E-07	8.09E-08	3.03E-03	6.52E-05	4.72E-01	4.17E-01	3.39E+01	2.32E-04	3.40E+01	3.52E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MJN732P	1.39E-02	1.11E+00	-2.21E-03	1.12E+00	9.20E-07	0.00E+00	6.87E+02	1.59E-04	8.27E-04	8.92E-03	1.04E-03	6.13E+00	2.44E-08	1.39E-07	1.32E+01	3.88E-01	1.41E-03	6.21E-02	1.76E-02	2.19E-01	3.62E+01	1.07E+00	1.22E-07	9.06E-08	3.82E-03	8.13E-05	6.13E-01	2.43E-01	3.76E+01	2.58E-04	3.76E+01	3.83E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MJN740	1.28E-02	1.12E+00	-9.85E-03	1.10E+00	1.08E-06	0.00E+00	1.25E+03	9.12E-05	8.56E-04	9.24E-03	1.03E-03	4.27E+00	1.03E-07	1.06E-07	9.14E+00	3.09E-01	1.40E-03	6.71E-02	2.07E-02	2.16E-01	3.34E+01	1.42E+00	1.47E-07	8.26E-08	3.02E-03	6.59E-05	4.77E-01	4.39E-01	3.47E+01	2.33E-04	3.44E+01	3.63E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-01
MJN740P	1.38E-02	1.12E+00	-2.14E-03	1.12E+00	9.20E-07	0.00E+00	6.94E+02	1.59E-04	8.24E-04	9.01E-03	1.04E-03	6.19E+00	2.45E-08	1.40E-07	1.32E+01	3.84E-01	1.42E-03	6.22E-02	1.75E-02	2.20E-01	3.62E+01	1.05E+00	1.31E-07	9.05E-08	3.82E-03	8.02E-05	6.22E-01	2.63E-01	3.77E+01	2.38E-04	3.77E+01	3.85E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MJS502	8.01E-03	9.46E-01	-4.55E-03	9.58E-01	9.06E-07	0.00E+00	8.64E+02	9.74E-05	6.21E-04	6.90E-03	8.97E-04	4.11E+00	8.41E-08	6.98E-08	7.73E+00	2.54E-01	1.22E-03	5.93E-02	1.32E-02	1.48E-01	3.48E+01	1.20E+00	1.28E-07	5.51E-08	2.51E-03	7.39E-05	4.02E-01	2.09E-01	3.58E+01	1.89E-04	3.59E+01	3.61E+01	6.17E-01	0.00E+00	0.00E+00	0.00E+00	5.70E-01
MJS504	7.00E-03	9.46E-01	-4.54E-03	9.50E-01	9.46E-07	0.00E+00	7.74E+02	9.99E-05	7.27E-04	7.75E-03	8.86E-04	3.96E+00	8.73E-08	6.41E-08	7.42E+00	2.71E-01	1.20E-03	5.60E-02	9.96E-03	1.48E-01	3.42E+01	1.20E+00	1.28E-07	4.77E-08	2.39E-03	7.36E-05	3.77E-01	2.24E-01	3.54E+01	1.89E-04	3.54E+01	3.60E+01	5.85E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-01
MJS506	6.95E-03	8.97E-01	-4.68E-03	9.04E-01	9.47E-07	0.00E+00	7.74E+02	1.02E-04	6.06E-04	6.64E-03	8.81E-04	3.94E+00	8.57E-08	6.42E-08	7.71E+00	2.62E-01	1.19E-03	5.46E-02	9.76E-03	1.44E-01	3.38E+01	1.19E+00	1.28E-07	4.74E-08	2.35E-03	5.63E-05	3.59E-01	2.20E-01	3.54E+01	1.89E-04	3.54E+01	3.62E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-01
MJS510	6.89E-03	8.73E-01	-5.05E-03	8.70E-01	9.55E-07	0.00E+00	7.71E+02	9.94E-05	6.04E-04	6.59E-03	8.64E-04	3.75E+00	9.28E-08	6.34E-08	7.28E+00	2.54E-01	1.17E-03	4.99E-02	9.90E-03	1.46E-01	3.34E+01	1.20E+00	1.28E-07	4.64E-08	2.38E-03	5.59E-05	3.58E-01	2.04E-01	3.50E+01	1.86E-04	3.50E+01	3.59E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-01
MJS516	8.22E-03	8.99E-01	-2.88E-03	9.02E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.07E-04	6.69E-03	8.79E-04	3.78E+00	9.54E-08	8.34E-08	8.08E+00	3.01E-01	1.19E-03	5.54E-02	1.44E-02	1.49E-01	3.26E+01	1.22E+00	1.28E-07	5.58E-08	2.45E-03	5.67E-05	4.87E-01	2.20E-01	3.39E+01	1.92E-04	3.39E+01	3.46E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MJT702	8.67E-03	1.25E+00	-8.68E-03	1.26E+00	9.20E-07	0.00E+00	5.61E+02	4.55E-05	8.55E-04	9.34E-03	1.07E-03	2.11E+00	1.53E-08	7.39E-08	3.88E+00	1.14E-01	1.45E-03	5.78E-02	1.31E-02	2.64E-01	4.14E+01	1.21E+00	8.68E-08	5.83E-08	3.35E-03	7.46E-05	5.73E-01	2.61E-01	4.26E+01	3.20E-03	4.26E+01	4.35E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	5.64E-01
MJT706	7.06E-03	1.15E+00	-1.04E-02	1.16E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.69E-04	8.37E-03	9.96E-04	1.71E+00	1.15E-08	5.81E-08	3.08E+00	8.33E-02	1.35E-03	5.62E-02	1.06E-02	1.91E-01	3.98E+01	1.04E+00	8.29E-08	4.75E-08	3.01E-03	5.96E-05	4.87E-01	2.54E-01	4.09E+01	3.20E-03	4.09E+01	4.16E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	4.53E-01
MJT710	7.32E-03	1.15E+00	-1.02E-02	1.16E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.73E-04	8.42E-03	1.01E-03	1.86E+00	1.18E-08	6.10E-08	3.38E+00	8.34E-02	1.36E-03	5.62E-02	1.09E-02	1.97E-01	3.99E+01	1.04E+00	8.39E-08	4.94E-08	3.04E-03	6.05E-05	4.93E-01	2.55E-01	4.10E+01	3.20E-03	4.10E+01	4.17E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-01
MJT716	7.59E-03	1.16E+00	-9.97E-03	1.17E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.81E-04	8.51E-03	1.02E-03	2.06E+00	1.19E-08	6.46E-08	3.84E+00	8.32E-02	1.38E-03	5.62E-02	1.12E-02	1.95E-01	4.01E+01	1.04E+00	8.52E-08	5.12E-08	3.08E-03	5.92E-05	5.04E-01	2.57E-01	4.11E+01	3.20E-03	4.11E+01	4.19E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-01
MJT720	1.12E-02	9.93E-01	-5.53E-04	9.93E-01	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.30E-04	7.98E-03	1.07E-03	5.50E+00	4.78E-08	1.34E-07	1.15E+01	4.85E-01	1.45E-03	5.80E-02	1.70E-02	1.67E-01	3.06E+01	1.07E+00	1.04E-07	7.38E-08	3.14E-03	5.93E-05	5.21E-01	2.61E-01	3.16E+01	3.25E-03	3.16E+01	3.24E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	7.28E-01
MJT725	1.12E-02	9.94E-01	-5.55E-04	9.95E-01	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.31E-04	7.99E-03	1.07E-03	5.51E+00	4.81E-08	1.34E-07	1.15E+01	4.85E-01	1.45E-03	5.80E-02	1.71E-02	1.71E-01	3.06E+01	1.07E+00	1.04E-07	7.44E-08	3.15E-03	5.94E-05	5.22E-01	2.61E-01	3.17E+01	3.25E-03	3.17E+01	3.25E+01	7.83E-01	0.00E+00	0.00E+00	0.00E+00	7.32E-01
MJT732	1.15E-02	1.00E+00	-2.58E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.37E-04	8.06E-03	1.09E-03	5.72E+00	4.79E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.73E-02	1.68E-01	3.07E+01	1.07E+00	1.05E-07	7.57E-08	3.19E-03	6.00E-05	5.29E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01
MJT740	1.16E-02	1.00E+00	-2.62E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.39E-04	8.09E-03	1.09E-03	5.72E+00	4.82E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.74E-02	1.72E-01	3.07E+01	1.07E+00	1.05E-07	7.62E-08	3.20E-03	5.99E-05	5.30E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
MKN506	7.17E-03	9.58E-01	-6.37E-03	9.67E-01	9.41E-07	0.00E+00	7.58E+02	7.15E-05	6.19E-04	6.70E-03	9.49E-04	3.09E+00	4.73E-08	7.01E-08	6.23E+00	1.87E-01	1.28E-03	6.01E-02	1.29E-02	1.33E-01	3.67E+01	1.09E+00	1.25E-07	5.09E-08	2.43E-03	5.62E-05	3.37E-01	2.15E-01	3.79E+01	1.87E-04	3.79E+01	3.78E+01	5.44E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MKN506A	7.47E-03	9.82E-01	-6.62E-03	9.89E-01	9.46E-07	0.00E+00	7.29E+02	8.45E-05	6.27E-04	6.83E-03	9.72E-04	3.14E+00	4.78E-08	7.05E-08	6.48E+00	2.18E-01	1.32E-03	6.26E-02	1.38E-02	1.30E-01	3.92E+01	1.07E+00	1.26E-07	4.98E-08	2.51E-03	5.63E-05	3.07E-01	2.36E-01	4.03E+01	1.87E-04	4.03E+01	4.08E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MKN510	7.05E-03	9.43E-01	-5.99E-03	9.55E-01	9.42E-07	0.00E+00	7.43E+02	7.15E-05	6.10E-04	6.52E-03	9.41E-04	2.90E+00	4.76E-08	6.57E-08	5.70E+00	1.81E-01	1.26E-03	5.98E-02	1.28E-02	1.41E-01	3.69E+01	1.10E+00	1.25E-07	4.99E-08	2.38E-03	5.55E-05	3.50E-01	2.12E-01	3.79E+01	1.81E-04	3.79E+01	3.86E+01	5.63E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MKN510A	7.42E-03	1.07E+00	-7.07E-03	1.06E+00	1.03E-06	0.00E+00	7.25E+02	8.43E-05	7.53E-04	8.02E-03	9.59E-04	2.94E+00	4.83E-08	6.85E-08	6.15E+00	2.17E-01	1.30E-03	6.50E-02	1.38E-02	1.97E-01	4.06E+01	1.24E+00	1.25E-07	5.10E-08	2.62E-03	5.71E-05	3.55E-01	2.64E-01	4.10E+01	1.85E-04	4.10E+01	4.16E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MKN513	7.87E-03	9.54E-01	-6.00E-03	9.64E-01	9.54E-07	0.00E+00	7.43E+02	9.80E-05	6.22E-04	6.78E-03	9.45E-04	3.16E+00	4.88E-08	7.24E-08	6.42E+00	2.40E-01	1.26E-03	6.13E-02	1.44E-02	1.44E-01	3.76E+01	1.10E+00	1.25E-07	5.47E-08	2.47E-03	5.83E-05	4.35E-01	2.28E-01	3.88E+01	1.88E-04	3.88E+01	3.94E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	6.22E-01
MKN513A	8.03E-03	1.07E+00	-7.15E-03	1.06E+00	1.05E-06	0.00E+00	7.26E+02	9.62E-05	7.67E-04	8.24E-03	9.60E-04	2.94E+00	4.89E-08	7.16E-08	6.22E+00	2.44E-01	1.30E-03	6.49E-02	1.46E-02	2.00E-01	4.02E+01	1.27E+00	1.26E-07	5.31E-08	2.64E-03	5.68E-05	4.23E-01	3.11E-01	4.06E+01	1.87E-04	4.07E+01	4.13E+01	6.46E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-01
MKN516	7.34E-03	9.83E-01	-6.23E-03	9.89E-01	9.46E-07	0.00E+00	7.41E+02	8.51E-05	6.26E-04	6.84E-03	9.46E-04	2.98E+00	4.82E-08	6.73E-08	6.15E+00	2.18E-01	1.28E-03	6.26E-02	1.39E-02	1.43E-01	3.92E+01	1.10E+00	1.25E-07	5.00E-08	2.50E-03	5.72E-05	3.69E-01	2.33E-01	4.03E+01	1.85E-04	4.03E+01	4.09E+01	6.02E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MKN516A	7.85E-03	1.07E+00	-6.90E-03	1.06E+00	9.52E-07	0.00E+00	7.26E+02	8.98E-05	7.61E-04	8.10E-03	9.60E-04	2.90E+00	4.76E-08	6.95E-08	6.05E+00	2.20E-01	1.30E-03	6.49E-02	1.41E-02	1.99E-01	4.02E+01	1.07E+00	1.28E-07	5.12E-08	2.64E-03	5.69E-05	4.16E-01	2.60E-01	4.06E+01	1.87E-04	4.06E+01	4.12E+01	6.46E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MKN520	1.16E-02	9.52E-01	1.53E-03	9.51E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.73E-04	7.50E-03	9.66E-04	6.18E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.89E-02	1.50E-01	3.23E+01	1.10E+00	1.43E-07	7.56E-08	2.88E-03	6.24E-05	5.11E-01	2.35E-01	3.34E+01	2.41E-04	3.34E+01	3.41E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MKN520A	1.16E-02	1.07E+00	1.37E-03	1.06E+00	1.11E-06	0.00E+00	7.38E+02	1.87E-04	7.83E-04	8.57E-03	1.05E-03	6.18E+00	8.75E-08	1.26E-07	1.33E+01	5.13E-01	1.35E-03	6.69E-02	1.94E-02	2.09E-01	3.51E+01	1.26E+00	1.44E-07	7.61E-08	2.98E-03	6.34E-05	5.60E-01	3.81E-01	3.63E+01	2.28E-04	3.65E+01	3.73E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	8.26E-01
MKN525	1.22E-02	9.52E-01	3.14E-03	9.49E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.84E-04	7.67E-03	9.79E-04	6.54E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.32E-03	6.46E-02	1.98E-02	1.54E-01	3.13E+01	1.10E+00	1.45E-07	7.92E-08	2.94E-03	6.36E-05	5.55E-01	2.37E-01	3.23E+01	2.46E-04	3.23E+01	3.31E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	8.48E-01
MKN525A	1.21E-02	1.06E+00	2.91E-03	1.04E+00	1.09E-06	0.00E+00	7.29E+02	2.12E-04	7.81E-04	8.56E-03	9.99E-04	6.48E+00	8.84E-08	1.37E-07	1.39E+01	5.97E-01	1.35E-03	6.72E-02	1.99E-02	2.08E-01	3.42E+01	1.16E+00	1.45E-07	7.87E-08	3.03E-03	6.42E-05	5.84E-01	2.65E-01	3.55E+01	2.45E-04	3.55E+01	3.63E+01	8.31E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MKN532	1.24E-02	1.04E+00	3.34E-03	1.02E+00	1.01E-06	0.00E+00	7.46E+02	2.14E-04	7.87E-04	8.52E-03	9.72E-04	6.77E+00	8.40E-08	1.43E-07	1.46E+01	6.04E-01	1.32E-03	6.27E-02	2.00E-02	2.08E-01	3.17E+01	1.10E+00	1.46E-07	8.15E-08	2.98E-03	6.44E-05	6.04E-01	2.60E-01	3.29E+01	2.50E-04	3.29E+01	3.39E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	8.58E-01

MKN532A	1.25E-02	1.07E+00	3.01E-03	1.06E+00	1.12E-06	0.00E+00	7.39E+02	2.19E-04	7.88E-04	8.71E-03	1.07E-03	6.83E+00	9.70E-08	1.44E-07	1.49E+01	6.10E-01	1.40E-03	6.72E-02	2.07E-02	2.09E-01	3.41E+01	1.18E+00	1.46E-07	8.22E-08	3.05E-03	6.49E-05	6.07E-01	3.80E-01	3.51E+01	2.41E-04	3.52E+01	3.64E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	8.76E-01
MKN540	1.27E-02	1.05E+00	3.61E-03	1.03E+00	1.02E-06	0.00E+00	7.47E+02	2.16E-04	7.83E-04	8.51E-03	9.90E-04	6.83E+00	9.58E-08	1.44E-07	1.48E+01	6.10E-01	1.34E-03	6.28E-02	2.00E-02	2.10E-01	3.18E+01	1.17E+00	1.46E-07	8.33E-08	3.03E-03	6.51E-05	6.08E-01	2.63E-01	3.31E+01	2.50E-04	3.31E+01	3.43E+01	8.39E-01	0.00E+00	0.00E+00	0.00E+00	8.63E-01
MKN598	2.32E-02	1.92E+00	3.60E-03	1.91E+00	1.71E-06	0.00E+00	1.49E+03	3.66E-04	1.35E-03	1.51E-02	1.93E-03	1.24E+01	1.68E-07	2.62E-07	2.64E+01	1.00E+00	2.62E-03	1.28E-01	3.78E-02	3.04E-01	6.49E+01	2.22E+00	2.87E-07	1.52E-07	5.80E-03	1.26E-04	1.04E+00	4.64E-01	6.71E+01	6.25E-04	6.71E+01	6.86E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MKN599	1.48E-02	1.98E+00	-1.25E-02	1.99E+00	1.57E-06	0.00E+00	1.48E+03	1.70E-04	1.26E-03	1.38E-02	1.89E-03	5.95E+00	9.63E-08	1.35E-07	1.24E+01	4.35E-01	2.56E-03	1.25E-01	2.79E-02	2.92E-01	7.95E+01	2.21E+00	2.52E-07	1.01E-07	5.06E-03	1.16E-04	8.43E-01	4.67E-01	8.17E+01	5.13E-04	8.17E+01	8.30E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MKS506	7.81E-03	9.33E-01	-4.76E-03	9.37E-01	9.46E-07	0.00E+00	7.74E+02	9.64E-05	6.19E-04	6.78E-03	9.00E-04	4.01E+00	8.54E-08	6.85E-08	7.54E+00	2.50E-01	1.22E-03	5.88E-02	1.28E-02	1.46E-01	3.48E+01	1.19E+00	1.28E-07	5.39E-08	2.49E-03	5.66E-05	3.79E-01	2.10E-01	3.59E+01	1.89E-04	3.60E+01	3.69E+01	6.20E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MKS510	7.79E-03	9.25E-01	-5.10E-03	9.27E-01	9.55E-07	0.00E+00	7.71E+02	9.97E-05	6.13E-04	6.70E-03	8.96E-04	3.84E+00	9.34E-08	6.69E-08	7.37E+00	2.55E-01	1.22E-03	5.84E-02	1.27E-02	1.48E-01	3.48E+01	1.20E+00	1.28E-07	5.38E-08	2.48E-03	5.62E-05	3.90E-01	2.09E-01	3.57E+01	1.90E-04	3.57E+01	3.67E+01	6.31E-01	0.00E+00	0.00E+00	0.00E+00	5.48E-01
MKS513	8.77E-03	9.31E-01	-3.38E-03	9.32E-01	9.75E-07	0.00E+00	7.71E+02	1.20E-04	6.16E-04	6.83E-03	8.86E-04	3.87E+00	9.34E-08	8.60E-08	8.41E+00	3.16E-01	1.22E-03	5.95E-02	1.54E-02	1.50E-01	3.52E+01	1.20E+00	1.29E-07	5.91E-08	2.51E-03	5.64E-05	4.99E-01	2.09E-01	3.62E+01	1.95E-04	3.62E+01	3.70E+01	6.99E-01	0.00E+00	0.00E+00	0.00E+00	6.63E-01
MKS516	8.49E-03	9.70E-01	-3.58E-03	9.74E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.42E-04	7.07E-03	9.24E-04	3.78E+00	9.55E-08	8.39E-08	8.08E+00	3.01E-01	1.25E-03	6.16E-02	1.53E-02	1.52E-01	3.67E+01	1.22E+00	1.30E-07	5.72E-08	2.60E-03	5.75E-05	4.87E-01	2.31E-01	3.79E+01	1.93E-04	3.79E+01	3.86E+01	7.18E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MKS599	1.70E-02	1.95E+00	-7.15E-03	1.96E+00	1.62E-06	0.00E+00	1.54E+03	2.38E-04	1.29E-03	1.43E-02	1.85E-03	7.55E+00	1.91E-07	1.68E-07	1.63E+01	6.01E-01	2.50E-03	1.23E-01	3.07E-02	3.10E-01	7.45E+01	2.46E+00	2.61E-07	1.16E-07	5.25E-03	1.17E-04	1.08E+00	4.62E-01	7.69E+01	5.29E-04	7.69E+01	7.85E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
ML506J	7.69E-03	9.80E-01	-6.52E-03	9.89E-01	4.59E-07	0.00E+00	7.25E+02	6.94E-05	6.30E-04	6.91E-03	9.72E-04	3.24E+00	5.10E-08	6.87E-08	6.67E+00	1.84E-01	1.32E-03	6.24E-02	1.37E-02	1.44E-01	3.89E+01	1.07E+00	1.40E-07	5.07E-08	2.59E-03	5.55E-05	3.39E-01	2.15E-01	3.97E+01	2.02E-04	3.97E+01	4.00E+01	5.64E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
ML510J	7.34E-03	1.00E+00	-6.68E-03	1.01E+00	4.61E-07	0.00E+00	7.22E+02	6.89E-05	6.31E-04	6.92E-03	9.53E-04	2.86E+00	5.11E-08	6.60E-08	5.98E+00	1.80E-01	1.29E-03	6.56E-02	1.38E-02	1.42E-01	4.06E+01	1.07E+00	1.25E-07	4.96E-08	2.54E-03	5.59E-05	3.63E-01	2.15E-01	4.08E+01	1.80E-04	4.08E+01	4.14E+01	5.77E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
ML516J	7.64E-03	1.00E+00	-6.57E-03	1.01E+00	4.77E-07	0.00E+00	7.24E+02	8.96E-05	6.36E-04	6.97E-03	9.60E-04	3.14E+00	5.12E-08	6.99E-08	6.37E+00	2.11E-01	1.30E-03	6.56E-02	1.41E-02	1.45E-01	4.09E+01	1.07E+00	1.26E-07	5.06E-08	2.56E-03	5.58E-05	4.00E-01	2.15E-01	4.09E+01	1.85E-04	4.09E+01	4.15E+01	6.23E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
ML520J	1.17E-02	9.80E-01	1.70E-03	9.80E-01	4.97E-07	0.00E+00	7.26E+02	1.87E-04	6.88E-04	7.70E-03	9.83E-04	6.26E+00	8.38E-08	1.31E-07	1.33E+01	5.15E-01	1.33E-03	6.72E-02	1.93E-02	1.55E-01	3.46E+01	1.07E+00	1.45E-07	7.66E-08	2.94E-03	6.40E-05	5.54E-01	2.16E-01	3.55E+01	2.56E-04	3.55E+01	3.63E+01	7.78E-01	0.00E+00	0.00E+00	0.00E+00	8.25E-01
ML525J	1.22E-02	9.80E-01	3.14E-03	9.78E-01	5.00E-07	0.00E+00	7.27E+02	2.16E-04	6.94E-04	7.83E-03	9.95E-04	6.58E+00	8.42E-08	1.40E-07	1.43E+01	6.06E-01	1.35E-03	6.75E-02	1.99E-02	1.56E-01	3.37E+01	1.07E+00	1.45E-07	7.94E-08	2.99E-03	6.51E-05	5.75E-01	2.16E-01	3.48E+01	2.60E-04	3.48E+01	3.56E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-01
ML532J	1.27E-02	9.87E-01	3.31E-03	9.85E-01	5.06E-07	0.00E+00	7.27E+02	2.19E-04	7.00E-04	7.95E-03	1.03E-03	6.91E+00	1.09E-07	1.42E-07	1.49E+01	6.02E-01	1.42E-03	6.75E-02	2.04E-02	1.57E-01	3.34E+01	1.07E+00	1.46E-07	8.34E-08	3.09E-03	6.60E-05	6.03E-01	2.19E-01	3.42E+01	2.70E-04	3.41E+01	3.50E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.78E-01
ML540J	1.30E-02	9.86E-01	3.45E-03	9.84E-01	5.07E-07	0.00E+00	7.26E+02	2.20E-04	7.01E-04	7.93E-03	1.01E-03	7.01E+00	1.01E-07	1.43E-07	1.50E+01	6.11E-01	1.37E-03	6.74E-02	2.04E-02	1.59E-01	3.36E+01	1.07E+00	1.47E-07	8.52E-08	3.04E-03	6.65E-05	6.06E-01	2.17E-01	3.45E+01	2.70E-04	3.45E+01	3.55E+01	8.29E-01	0.00E+00	0.00E+00	0.00E+00	8.84E-01
MLN502A	8.30E-03	1.02E+00	-6.88E-03	1.03E+00	9.23E-07	0.00E+00	8.38E+02	7.15E-05	6.55E-04	7.41E-03	1.00E-03	3.33E+00	6.36E-08	7.95E-08	6.68E+00	1.81E-01	1.36E-03	6.26E-02	1.42E-02	1.88E-01	3.83E+01	1.10E+00	1.41E-07	5.53E-08	2.70E-03	7.68E-05	3.76E-01	2.25E-01	3.90E+01	2.16E-04	3.90E+01	3.91E+01	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
MLN504A	8.42E-03	1.05E+00	-6.51E-03	1.04E+00	1.04E-06	0.00E+00	7.28E+02	8.46E-05	7.49E-04	8.11E-03	9.78E-04	3.43E+00	5.66E-08	7.75E-08	6.94E+00	2.25E-01	1.32E-03	6.27E-02	1.43E-02	2.24E-01	3.86E+01	1.26E+00	1.41E-07	5.61E-08	2.74E-03	7.61E-05	3.58E-01	3.11E-01	3.93E+01	1.94E-04	3.94E+01	3.96E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MLN506	7.16E-03	9.66E-01	-6.27E-03	9.73E-01	9.42E-07	0.00E+00	7.58E+02	6.91E-05	6.17E-04	6.70E-03	9.47E-04	3.09E+00	4.73E-08	6.60E-08	5.94E+00	1.84E-01	1.28E-03	6.08E-02	1.31E-02	1.32E-01	3.66E+01	1.10E+00	1.25E-07	5.04E-08	2.44E-03	5.56E-05	3.34E-01	2.13E-01	3.79E+01	1.81E-04	3.79E+01	3.80E+01	5.44E-01	0.00E+00	0.00E+00	0.00E+00	5.48E-01
MLN506A	7.47E-03	9.83E-01	-6.62E-03	9.89E-01	9.46E-07	0.00E+00	7.29E+02	8.45E-05	6.27E-04	6.83E-03	9.73E-04	3.15E+00	4.78E-08	7.05E-08	6.48E+00	2.18E-01	1.32E-03	6.26E-02	1.38E-02	1.30E-01	3.92E+01	1.07E+00	1.26E-07	4.99E-08	2.52E-03	5.64E-05	3.07E-01	2.36E-01	4.03E+01	1.87E-04	4.03E+01	4.08E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MLN510	7.17E-03	1.02E+00	-6.28E-03	1.02E+00	9.42E-07	0.00E+00	7.43E+02	8.24E-05	7.34E-04	7.85E-03	9.43E-04	2.91E+00	4.75E-08	6.58E-08	5.75E+00	2.07E-01	1.26E-03	5.99E-02	1.30E-02	1.96E-01	3.75E+01	1.10E+00	1.25E-07	5.14E-08	2.54E-03	5.77E-05	3.53E-01	2.36E-01	3.86E+01	1.85E-04	3.86E+01	3.92E+01	6.14E-01	0.00E+00	0.00E+00	0.00E+00	5.43E-01
MLN510A	7.32E-03	1.01E+00	-6.82E-03	1.01E+00	9.46E-07	0.00E+00	7.27E+02	8.46E-05	6.37E-04	6.96E-03	9.57E-04	2.90E+00	4.82E-08	6.67E-08	5.97E+00	2.18E-01	1.29E-03	6.57E-02	1.40E-02	1.43E-01	4.11E+01	1.07E+00	1.25E-07	4.98E-08	2.55E-03	5.72E-05	3.60E-01	2.34E-01	4.22E+01	1.84E-04	4.22E+01	4.27E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	6.03E-01
MLN513	7.87E-03	9.58E-01	-5.98E-03	9.68E-01	9.54E-07	0.00E+00	7.43E+02	9.64E-05	6.22E-04	6.78E-03	9.49E-04	3.16E+00	4.85E-08	7.24E-08	6.41E+00	2.28E-01	1.27E-03	6.25E-02	1.44E-02	1.44E-01	3.77E+01	1.10E+00	1.25E-07	5.48E-08	2.48E-03	5.65E-05	4.34E-01	2.13E-01	3.89E+01	1.86E-04	3.89E+01	3.94E+01	6.36E-01	0.00E+00	0.00E+00	0.00E+00	6.23E-01
MLN513A	7.39E-03	1.01E+00	-6.82E-03	1.01E+00	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.39E-04	6.98E-03	9.58E-04	2.91E+00	4.84E-08	6.70E-08	5.97E+00	2.18E-01	1.30E-03	6.57E-02	1.41E-02	1.47E-01	4.11E+01	1.07E+00	1.25E-07	5.04E-08	2.55E-03	5.72E-05	3.61E-01	2.35E-01	4.22E+01	1.84E-04	4.22E+01	4.28E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	6.07E-01
MLN516	7.35E-03	9.83E-01	-6.23E-03	9.89E-01	9.46E-07	0.00E+00	7.41E+02	8.51E-05	6.26E-04	6.84E-03	9.46E-04	2.98E+00	4.82E-08	6.74E-08	6.15E+00	2.18E-01	1.28E-03	6.26E-02	1.39E-02	1.43E-01	3.92E+01	1.10E+00	1.25E-07	5.01E-08	2.50E-03	5.73E-05	3.69E-01	2.33E-01	4.03E+01	1.85E-04	4.03E+01	4.09E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MLN516A	7.43E-03	1.01E+00	-6.72E-03	1.01E+00	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.39E-04	6.98E-03	9.62E-04	2.98E+00	4.82E-08	6.80E-08	6.14E+00	2.18E-01	1.30E-03	6.57E-02	1.42E-02	1.43E-01	4.11E+01	1.07E+00	1.25E-07	5.04E-08	2.56E-03	5.74E-05	3.63E-01	2.35E-01	4.22E+01	1.85E-04	4.22E+01	4.28E+01	5.98E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MLN520	1.14E-02	1.05E+00	1.39E-03	1.02E+00	1.09E-06	0.00E+00	7.46E+02	1.82E-04	7.81E-04	8.47E-03	9.66E-04	6.10E+00	8.74E-08	1.28E-07	1.30E+01	4.97E-01	1.31E-03	6.41E-02	1.90E-02	2.04E-01	3.31E+01	1.29E+00	1.40E-07	7.54E-08	2.91E-03	6.25E-05	5.45E-01	3.09E-01	3.44E+01	2.40E-04	3.45E+01	3.50E+01	7.85E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MLN520A	1.17E-02	9.81E-01	1.19E-03	9.80E-01	1.00E-06	0.00E+00	7.29E+02	1.83E-04	6.89E-04	7.69E-03	9.83E-04	6.19E+00	8.40E-08	1.32E-07	1.32E+01	5.03E-01	1.33E-03	6.73E-02	1.92E-02	1.55E-01	3.47E+01	1.07E+00	1.43E-07	7.66E-08	2.94E-03	6.39E-05	5.58E-01	2.37E-01	3.57E+01	2.40E-04	3.57E+01	3.65E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MLN525	1.21E-02	9.56E-01	3.09E-03	9.54E-01	1.01E-06	0.00E+00	7.46E+02	2.10E-04	6.86E-04	7.70E-03	9.75E-04	6.52E+00	8.31E-08	1.40E-07	1.39E+01	5.85E-01	1.32E-03	6.38E-02	1.97E-02	1.55E-01	3.20E+01	1.10E+00	1.45E-07	7.92E-08	2.95E-03	6.44E-05	5.66E-01	2.16E-01	3.34E+01	2.63E-04	3.34E+01	3.40E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
MLN525A	1.23E-02	9.81E-01	2.80E-03	9.78E-01	1.02E-06	0.00E+00	7.32E+02	2.17E-04	7.00E-04	7.86E-03	9.96E-04	6.55E+00	8.44E-08	1.41E-07	1.40E+01	6.06E-01	1.35E-03	6.76E-02	2.00E-02	1.59E-01	3.36E+01	1.07E+00	1.45E-07	8.01E-08	3.00E-03	6.50E-05	5.98E-01	2.38E-01	3.47E+01	2.45E-04	3.47E+01	3.55E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MLN532	1.23E-02	1.05E+00	3.41E-03	1.02E+00	1.10E-06	0.00E+00	7.46E+02	2.15E-04	7.89E-04	8.62E-03	9.72E-04	6.78E+00	8.73E-08	1.44E-07	1.48E+01	6.05E-01	1.32E-03	6.44E-02	2.00E-02	2.09E-01	3.19E+01	1.19E+00	1.46E-07	8.03E-08	3.02E-03	6.42E-05	6.08E-01	3.09E-01	3.30E+01	2.51E-04	3.31E+01	3.42E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-01
MLN532A	1.25E-02	1.07E+00	3.09E-03	1.06E+00	1.12E-06	0.00E+00	7.39E+02	2.18E-04	7.88E-04	8.68E-03	1.00E-03	6.83E+00	8.83E-08	1.45E-07	1.49E+01	6.08E-01	1.36E-03	6.76E-02	2.04E-02	2.10E-01	3.42E+01	1.17E+00	1.46E-07	8.20E-08	3.04E-03	6.48E-05	6.07E-01	3.54E-01	3.52E+01	2.49E-04	3.51E+01	3.61E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	8.74E-01
MLN540	1.27E-02	1.04E+00	3.53E-03	1.02E+00	1.01E-06	0.00E+00	7.47E+02	2.15E-04	7.83E-04	8.51E-03	9.74E-04	6.81E+00	9.30E-08	1.45E-07	1.46E+01	6.07E-01	1.32E-03	6.45E-02	2.00E-02	2.11E-01	3.19E+01	1.09E+00	1.46E-07	8.36E-08	3.01E-03	6.51E-05	6.08E-01	2.59E-01	3.31E+01	2.49E-04	3.31E+01	3.42E+01	8.38E-01	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MLN540A	1.28E-02	1.08E+00	3.12E-03	1.06E+00	1.12E-06	0.00E+00	1.07E+03	2.19E-04	7.90E-04	8.70E-03	1.07E-03	6.87E+00	9.77E-08	1.44E-07	1.48E+01	6.12E-01	1.40E-03	6.74E-02	2.07E-02	2.12E-01	3.43E+01	1.22E+00	1.46E-07	8.36E-08	3.06E-03	6.69E-05	6.05E-01	4.02E-01	3.53E+01	2.43E-04	3.53E+01	3.66E+01	8.44E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MLN702	8.59E-03	1.04E+00	-7.71E-03	1.05E+00	8.84E-07	0.00E+00	7.70E+02	7.51E-05	6.63E-04	7.56E-03	1.00E-03	3.69E+00	6.61E-08	7.82E-08	7.43E+00	1.91E-01	1.36E-03	6.38E-02	1.45E-02	1.89E-01	3.92E+01	1.14E+00	1.41E-07	5.62E-08	2.73E-03	6.99E-05	4.55E-01	2.15E-01	4.04E+01	2.16E-04	4.04E+01	4.10E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
MLN702A	8.58E-03	1.04E+00	-8.35E-03	1.05E+00	8.84E-07	0.00E+00	7.70E+02	7.51E-05	6.63E-04	7.54E-03	1.00E-03	3.69E+00	6.61E-08	7.82E-08	7.43E+00	1.91E-01	1.36E-03	6.38E-02	1.45E-02	1.89E-01	3.92E+01	1.14E+00	1.41E-07	5.62E-08	2.73E-03	6.99E-05	4.55E-01	2.15E-01	4.04E+01	2.16E-04	4.04E+01	4.10E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
MLN706	7.80E-03	1.01E+00	-7.80E-03	1.01E+00	8.83E-07	0.00E+00	7.56E+02	7.00E-05	6.48E-04	7.14E-03	9.77E-04	3.42E+00	5.30E-08	7.11E-08	7.19E+00	1.84E-01	1.31E-03	6.47E-02	1.40E-02	1.49E-01	3.92E+01	1.11E+00	1.41E-07	5.15E-08	2.64E-03	4.94E-05	4.43E-01	2.15E-01	4.03E+01	2.15E-04	4.03E+01	4.07E+01	6.92E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
MLN706A	7.91E-03	1.07E+00	-9.51E-03	1.06E+00	9.78E-07	0.00E+00	7.56E+02	8.22E-05	7.52E-04	7.98E-03	9.78E-04	3.43E+00	5.35E-08	7.12E-08	7.23E+00	2.16E-01	1.32E-03	6.47E-02	1.41E-02	2.07E-01	3.93E+01	1.30E+00	1.41E-07	5.35E-08	2.72E-03	4.95E-05	4.35E-01	3.10E-01	4.03E+01	1.98E-04	4.04E+01	4.10E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MLN710	7.41E-03	1.00E+00	-7.90E-03	1.01E+00	8.78E-07	0.00E+00	7.59E+02	5.27E-05	6.19E-04	6.83E-03	9.42E-04	3.01E+00	4.62E-08	6.60E-08	5.96E+00	1.27E-01	1.28E-03	6.55E-02	1.40E-02	1.39E-01	3.80E+01	1.11E+00	1.25E-07	5.12E-08	2.50E-03	4.83E-05	4.60E-01	2.14E-01	3.90E+01	1.85E-04	3.90E+01	3.98E+01	6.87E-01	0.00E+00	0.00E+00	0.00E+00	5.77E-01
MLN710A	7.60E-03	1.07E+00	-9.61E-03	1.06E+00	9.79E-07	0.00E+00	7.59E+02	6.74E-05	7.65E-04	8.12E-03	9.43E-04	3.03E+00	4.68E-08	6.60E-08	6.02E+00	1.65E-01	1.28E-03	6.56E-02	1.41E-02	2.02E-01	3.81E+01	1.28E+00	1.25E-07	5.42E-08	2.61E-03	4.85E-05	4.57E-01	3.09E-01	3.92E+01	1.87E-04	3.92E+01	4.00E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MLN716	9.13E-03	1.00E+00	-7.76E-03	1.01E+00	8.91E-07	0.00E+00	7.61E+02	6.22E-05	6.37E-04	7.01E-03	9.51E-04	3.18E+00	4.62E-08	6.79E-08	6.04E+00	1.36E-01	1.31E-03	6.57E-02	1.37E-02	1.45E-01	3.48E+01	1.11E+00	1.40E-07	5.84E-08	2.60E-03	4.99E-05	4.01E-01	2.14E-01	3.68E+01	2.07E-04	3.67E+01	3.81E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	5.73E-01
MLN716A	8.91E-03	1.08E+00	-9.34E-03	1.07E+00	9.91E-07	0.00E+00	7.61E+02	6.53E-05	7.73E-04	8.20E-03	9.49E-04	2.98E+00	4.67E-08	6.85E-08	5.72E+00	1.42E-01	1.30E-03	6.57E-02	1.36E-02	2.06E-01	3.50E+01	1.28E+00	1.31E-07	5.79E-08	2.63E-03	4.93E-05	4.04E-01	3.09E-01	3.71E+01	1.87E-04	3.72E+01	3.86E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	5.70E-01
MLN720	1.17E-02	9.92E-01	-2.13E-03	9.90E-01	9.35E-07	0.00E+00	7.57E+02	1.33E-04	6.79E-04	7.74E-03	9.66E-04	5.11E+00	7.85E-08	1.14E-07	1.12E+01	3.48E-01	1.32E-03	6.67E-02	1.83E-02	1.51E-01	3.19E+01	1.10E+00	1.46E-07	7.18E-08	2.91E-03	6.36E-05	4.74E-01	2.16E-01	3.32E+01	2.51E-04	3.32E+01	3.39E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MLN720A	1.17E-02	1.08E+00	-5.47E-03	1.07E+00	1.04E-06	0.00E+00	1.10E+03	1.35E-04	7.89E-04	8.59E-03	1.03E-03	4.97E+00	8.26E-08	1.08E-07	1.11E+01	3.57E-01	1.34E-03	6.68E-02	1.85E-02	2.10E-01	3.28E+01	1.27E+00	1.46E-07	7.11E-08	2.96E-03	6.36E-05	4.71E-01	3.93E-01	3.41E+01	2.23E-04	3.42E+01	3.52E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	7.80E-01
MLN725	1.29E-02	1.01E+00	-2.98E-03	1.01E+00	9.30E-07	0.00E+00	7.61E+02	8.74E-05	6.81E-04	7.80E-03	9.93E-04	4.29E+00	7.26E-08	1.12E-07	9.41E+00	3.06E-01	1.35E-03	6.66E-02	2.05E-02	1.61E-01	3.17E+01	1.10E+00	1.47E-07	8.34E-08	2.98E-03	6.44E-05	4.49E-01	2.16E-01	3.30E+01	2.71E-04	3.30E+01	3.38E+01	8.26E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MLN725A	1.28E-02	1.10E+00	-4.01E-03	1.08E+00	1.02E-06	0.00E+00	7.62E+02	8.38E-05	8.00E-04	8.59E-03	9.91E-04	4.26E+00	7.18E-08	1.09E-07	9.30E+00	3.03E-01	1.35E-03	6.66E-02	2.05E-02	2.12E-01	3.20E+01	1.20E+00	1.46E-07	8.15E-08	3.00E-03	6.27E-05	4.57E-01	3.09E-01	3.32E+01	2.43E-04	3.33E+01	3.44E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
MLN732	1.28E-02	1.02E+00	-2.77E-03	1.02E+00	9.32E-07	0.00E+00	7.65E+02	9.22E-05	6.83E-04	7.85E-03	1.00E-03	4.32E+00	8.16E-08	1.12E-07	9.39E+00	3.10E-01	1.37E-03	6.66E-02	2.06E-02	1.63E-01	3.17E+01	1.11E+00	1.47E-07	8.39E-08	2.99E-03	6.55E-05	4.69E-01	2.16E-01	3.29E+01	2.65E-04	3.29E+01	3.38E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.57E-01
MLN732A	1.27E-02	1.12E+00	-9.04E-03	1.10E+00	1.05E-06	0.00E+00	1.26E+03	8.66E-05	8.68E-04	9.30E-03	1.06E-03	4.29E+00	9.81E-08	1.08E-07	9.27E+00	3.05E-01	1.41E-03	6.66E-02	2.08E-02	2.16E-01	3.25E+01	1.42E+00	1.46E-07	8.21E-08	3.05E-03	6.58E-05	4.72E-01	4.00E-01	3.37E+01	2.32E-04	3.37E+01	3.53E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MLN740A	1.29E-02	1.12E+00	-8.81E-03	1.10E+00	1.05E-06	0.00E+00	1.27E+03	8.96E-05	8.66E-04	9.30E-03	1.05E-03	4.27E+00	1.03E-07	1.06E-07	9.17E+00	3.07E-01	1.46E-03	6.68E-02	2.07E-02	2.16E-01	3.29E+01	1.43E+00	1.47E-07	8.35E-08	3.08E-03	6.62E-05	4.74E-01	4.02E-01	3.40E+01	2.34E-04	3.41E+01	3.61E+01	8.45E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MLS506	7.86E-03	9.48E-01	-4.67E-03	9.52E-01	9.47E-07	0.00E+00	7.74E+02	1.02E-04	6.24E-04	6.83E-03	9.08E-04	4.04E+00	8.57E-08	6.97E-08	7.87E+00	2.62E-01	1.23E-03	5.99E-02	1.28E-02	1.46E-01	3.48E+01	1.19E+00	1.28E-07	5.43E-08	2.51E-03	5.67E-05	3.79E-01	2.11E-01	3.60E+01	1.89E-04	3.61E+01	3.69E+01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	5.57E-01
MLS510	7.88E-03	1.01E+00	-5.08E-03	1.01E+00	9.55E-07	0.00E+00	7.72E+02	1.05E-04	7.61E-04	8.06E-03	9.10E-04	3.84E+00	9.28E-08	6.70E-08	7.45E+00	2.72E-01	1.23E-03	5.99E-02	1.27E-02	1.55E-01	3.54E+01	1.20E+00	1.28E-07	5.41E-08	2.59E-03	5.62E-05	3.85E-01	2.29E-01	3.63E+01	1.92E-04	3.63E+01	3.72E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01
MLS513	8.77E-03	9.38E-01	-3.51E-03	9.39E-01	9.75E-07	0.00E+00	7.70E+02	1.19E-04	6.18E-04	6.86E-03	8.87E-04	3.86E+00	9.25E-08	8.57E-08	8.42E+00	3.16E-01	1.22E-03	6.04E-02	1.57E-02	1.50E-01	3.55E+01	1.16E+00	1.29E-07	5.88E-08	2.52E-03	5.64E-05	4.93E-01	2.10E-01	3.64E+01	1.95E-04	3.64E+01	3.73E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	6.69E-01
MLS516	8.47E-03	9.66E-01	-4.05E-03	9.70E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.39E-04	7.03E-03	9.10E-04	3.78E+00	9.55E-08	8.39E-08	8.08E+00	3.01E-01	1.23E-03	6.16E-02	1.53E-02	1.52E-01	3.66E+01	1.14E+00	1.30E-07	5.71E-08	2.59E-03	5.76E-05	4.87E-01	2.30E-01	3.77E+01	1.93E-04	3.77E+01	3.85E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MLU502	8.43E-03	1.07E+00	-7.41E-03	1.07E+00	1.02E-06	0.00E+00	8.29E+02	7.94E-05	7.58E-04	8.21E-03	1.01E-03	3.40E+00	7.63E-08	7.90E-08	6.87E+00	1.97E-01	1.37E-03	6.26E-02	1.43E-02	2.27E-01	3.84E+01	1.24E+00	1.41E-07	5.61E-08	2.77E-03	7.71E-05	3.68E-01	3.12E-01	3.93E+01	1.96E-04	3.93E+01	3.95E+01	6.46E-01	0.00E+00	0.00E+00	0.00E+00	6.27E-01
MLU506	7.45E-03	9.76E-01	-6.59E-03	9.83E-01	9.46E-07	0.00E+00	7.08E+02	8.42E-05	6.22E-04	6.78E-03	9.62E-04	3.15E+00	4.77E-08	7.03E-08	6.48E+00	2.18E-01	1.30E-03	6.26E-02	1.38E-02	1.30E-01	3.91E+01	1.05E+00	1.25E-07	4.98E-08	2.50E-03	5.63E-05	3.05E-01	2.35E-01	4.01E+01	1.87E-04	4.01E+01	4.07E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MLU510	7.30E-03	9.99E-01	-6.79E-03	1.01E+00	9.46E-07	0.00E+00	7.07E+02	8.44E-05	6.32E-04	6.90E-03	9.47E-04	2.90E+00	4.80E-08	6.65E-08	5.96E+00	2.18E-01	1.28E-03	6.56E-02	1.40E-02	1.42E-01	4.10E+01	1.04E+00	1.24E-07	4.96E-08	2.53E-03	5.71E-05	3.58E-01	2.33E-01	4.20E+01	1.84E-04	4.20E+01	4.26E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MLU516	7.41E-03	1.00E+00	-6.68E-03	1.01E+00	9.46E-07	0.00E+00	7.05E+02	8.44E-05	6.34E-04	6.93E-03	9.52E-04	2.98E+00	4.80E-08	6.79E-08	6.13E+00	2.18E-01	1.29E-03	6.57E-02	1.41E-02	1.43E-01	4.10E+01	1.04E+00	1.25E-07	5.03E-08	2.55E-03	5.73E-05	3.61E-01	2.34E-01	4.21E+01	1.85E-04	4.21E+01	4.26E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	6.07E-01
MLU520	1.17E-02	9.74E-01	1.23E-03	9.73E-01	1.00E-06	0.00E+00	7.09E+02	1.83E-04	6.84E-04	7.63E-03	9.73E-04	6.19E+00	8.39E-08	1.32E-07	1.32E+01	5.03E-01	1.32E-03	6.73E-02	1.92E-02	1.55E-01	3.45E+01	1.04E+00	1.42E-07	7.64E-08	2.93E-03	6.38E-05	5.56E-01	2.36E-01	3.56E+01	2.40E-04	3.56E+01	3.64E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	8.23E-01
MLU525	1.22E-02	9.74E-01	2.84E-03	9.71E-01	1.02E-06	0.00E+00	7.11E+02	2.17E-04	6.95E-04	7.81E-03	9.86E-04	6.55E+00	8.42E-08	1.40E-07	1.40E+01	6.06E-01	1.33E-03	6.76E-02	2.00E-02	1.58E-01	3.35E+01	1.04E+00	1.45E-07	8.00E-08	2.99E-03	6.50E-05	5.96E-01	2.37E-01	3.45E+01	2.45E-04	3.45E+01	3.54E+01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MLU532	1.25E-02	9.80E-01	3.16E-03	9.77E-01	1.02E-06	0.00E+00	7.10E+02	2.17E-04	7.00E-04	7.87E-03	1.00E-03	6.78E+00	8.40E-08	1.44E-07	1.45E+01	6.06E-01	1.35E-03	6.76E-02	2.03E-02	1.55E-01	3.36E+01	1.04E+00	1.46E-07	8.14E-08	3.03E-03	6.56E-05	6.04E-01	2.39E-01	3.47E+01	2.48E-04	3.47E+01	3.55E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	8.72E-01
MLU540	1.27E-02	9.84E-01	3.25E-03	9.81E-01	1.02E-06	0.00E+00	7.10E+02	2.17E-04	7.07E-04	7.94E-03	1.01E-03	6.85E+00	8.43E-08	1.46E-07	1.47E+01	6.06E-01	1.36E-03	6.76E-02	2.05E-02	1.60E-01	3.38E+01	1.04E+00	1.47E-07	8.27E-08	3.05E-03	6.59E-05	6.23E-01	2.39E-01	3.49E+01	2.48E-04	3.49E+01	3.57E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-01
MMN200	2.18E-02	1.99E+00	-1.88E-02	1.95E+00	1.48E-06	0.00E+00	1.15E+03	6.82E-05	1.58E-03	1.67E-02	1.92E-03	2.67E+00	3.27E-08	1.03E-07	5.65E+00	1.99E-01	2.79E-03	9.38E-02	3.40E-02	3.88E-01	6.39E+01	2.06E+00	3.30E-07	1.38E-07	6.18E-03	1.40E-04	7.66E-01	5.03E-01	6.66E+01	8.60E-04	6.63E+01	6.77E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MMN201	2.17E-02	1.92E+00	-7.97E-03	1.89E+00	1.42E-06	0.00E+00	1.16E+03	7.43E-05	1.26E-03	1.31E-02	1.83E-03	2.64E+00	2.81E-08	1.01E-07	5.69E+00	2.24E-01	2.69E-03	9.29E-02	3.17E-02	3.81E-01	6.46E+01	1.48E+00	3.37E-07	1.36E-07	6.12E-03	1.41E-04	7.59E-01	2.75E-01	6.72E+01	8.88E-04	6.65E+01	6.79E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
MMN202	2.19E-02	1.92E+00	-8.89E-03	1.89E+00	1.44E-06	0.00E+00	1.12E+03	6.16E-05	1.28E-03	1.33E-02	1.85E-03	2.55E+00	2.91E-08	1.02E-07	5.47E+00	1.77E-01	2.74E-03	9.29E-02	3.53E-02	3.84E-01	6.45E+01	1.47E+00	3.37E-07	1.37E-07	6.13E-03	1.41E-04	7.65E-01	3.11E-01	6.72E+01	8.54E-04	6.65E+01	6.79E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MMN203	2.17E-02	1.93E+00	-1.06E-02	1.89E+00	1.46E-06	0.00E+00	1.15E+03	6.19E-05	1.27E-03	1.34E-02	1.83E-03	2.48E+00	2.14E-08	9.15E-08	5.05E+00	1.72E-01	2.69E-03	9.28E-02	3.17E-02	3.82E-01	6.40E+01	1.56E+00	3.21E-07	1.36E-07	6.12E-03	1.40E-04	6.98E-01	3.91E-01	6.70E+01	9.07E-04	6.62E+01	6.78E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MMN204	2.15E-02	1.87E+00	-1.64E-02	1.88E+00	1.47E-06	0.00E+00	1.13E+03	6.60E-05	1.27E-03	1.34E-02	1.90E-03	2.59E+00	2.06E-08	8.79E-08	5.27E+00	1.86E-01	2.77E-03	9.32E-02	3.05E-02	3.70E-01	6.34E+01	1.62E+00	3.32E-07	1.36E-07	5.89E-03	1.41E-04	6.98E-01	4.98E-01	6.66E+01	9.22E-04	6.61E+01	6.80E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MMN206	2.15E-02	1.90E+00	-1.70E-02	1.90E+00	1.46E-06	0.00E+00	1.20E+03	7.35E-05	1.26E-03	1.33E-02	1.92E-03	2.67E+00	2.07E-08	8.93E-08	5.40E+00	2.53E-01	2.79E-03	9.44E-02	2.91E-02	3.68E-01	6.23E+01	1.77E+00	3.26E-07	1.36E-07	5.88E-03	1.41E-04	6.98E-01	5.00E-01	6.57E+01	9.15E-04	6.53E+01	6.73E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MMN210	2.15E-02	1.90E+00	-1.84E-02	1.90E+00	1.46E-06	0.00E+00	1.20E+03	7.36E-05	1.27E-03	1.36E-02	1.92E-03	2.67E+00	2.07E-08	8.93E-08	5.40E+00	2.53E-01	2.79E-03	9.43E-02	2.91E-02	3.71E-01	6.23E+01	1.77E+00	3.26E-07	1.36E-07	5.91E-03	1.41E-04	7.00E-01	5.00E-01	6.57E+01	9.07E-04	6.53E+01	6.70E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MMN213	2.15E-02	1.92E+00	-2.01E-02	1.93E+00	1.73E-06	0.00E+00	1.17E+03	7.31E-05	1.55E-03	1.64E-02	1.96E-03	2.68E+00	2.50E-08	8.95E-08	5.39E+00	2.51E-01	2.87E-03	9.48E-02	2.91E-02	3.75E-01	6.28E+01	2.05E+00	3.26E-07	1.36E-07	5.92E-03	1.41E-04	7.02E-01	5.25E-01	6.55E+01	9.08E-04	6.52E+01	6.74E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MMN216	1.86E-02	1.77E+00	-2.43E-02	1.80E+00	1.26E-06	0.00E+00	1.59E+03	7.13E-05	1.58E-03	1.68E-02	1.84E-03	2.51E+00	3.04E-07	8.18E-08	5.22E+00	2.03E-01	2.84E-03	9.94E-02	2.59E-02	3.51E-01	6.26E+01	2.18E+00	2.80E-07	1.18E-07	5.61E-03	1.32E-04	6.72E-01	5.39E-01	6.53E+01	3.36E-03	6.55E+01	6.82E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
MMN220	2.16E-02	1.87E+00	-5.39E-03	1.88E+00	1.50E-06	0.00E+00	1.13E+03	1.37E-04	1.26E-03	1.33E-02	1.95E-03	4.86E+00	2.14E-08	1.39E-07	7.88E+00	4.05E-01	2.84E-03	9.49E-02	3.03E-02	3.69E-01	6.18E+01	1.53E+00	3.14E-07	1.37E-07	5.91E-03	1.42E-04	8.98E-01	5.01E-01	6.48E+01	9.36E-04	6.46E+01	6.70E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MMN225	2.03E-02	1.78E+00	-2.03E-02	1.80E+00	1.44E-06	0.00E+00	1.60E+03	1.98E-04	1.58E-03	1.68E-02	2.02E-03	6.88E+00	2.96E-07	1.77E-07	1.24E+01	4.66E-01	2.87E-03	9.97E-02	2.90E-02	3.77E-01	6.26E+01	2.32E+00	3.95E-07	1.32E-07	5.66E-03	1.37E-04	8.71E-01	5.41E-01	6.47E+01	3.26E-03	6.49E+01	6.75E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MMN232	2.57E-02	1.84E+00	-1.92E-03	1.85E+00	1.48E-06	0.00E+00	1.01E+03	3.30E-04	1.27E-03	1.32E-02	1.97E-03	1.19E+01	2.10E-08	3.12E-07	2.63E+01	8.91E-01	2.75E-03	9.57E-02	3.43E-02	3.79E-01	6.19E+01	1.41E+00	3.48E-07	1.63E-07	5.94E-03	1.44E-04	1.17E+00	2.74E-01	6.44E+01	1.05E-03	6.39E+01	6.57E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MMN240	2.29E-02	1.84E+00	-2.32E-03	1.85E+00	1.48E-06	0.00E+00	1.01E+03	2.30E-04	1.27E-03	1.32E-02	1.97E-03	8.48E+00	2.07E-08	2.23E-07	1.85E+01	5.76E-01	2.75E-03	9.58E-02	3.10E-02	3.73E-01	6.19E+01	1.41E+00	3.37E-07	1.48E-07	5.93E-03	1.44E-04	9.87E-01	2.74E-01	6.44E+01	1.08E-03	6.39E+01	6.57E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MMN250	2.64E-02	1.84E+00	-1.86E-03	1.85E+00	1.69E-06	0.00E+00	1.01E+03	3.61E-04	1.27E-03	1.32E-02	2.02E-03	1.27E+01	2.11E-08	3.21E-07	2.76E+01	9.97E-01	2.83E-03	9.59E-02	3.62E-02	3.80E-01	6.19E+01	1.41E+00	4.00E-07	1.68E-07	5.95E-03	1.44E-04	1.20E+00	2.74E-01	6.43E+01	1.12E-03	6.39E+01	6.58E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MMN263	2.64E-02	1.84E+00	-1.90E-03	1.85E+00	1.60E-06	0.00E+00	1.01E+03	3.66E-04	1.27E-03	1.32E-02	2.02E-03	1.27E+01	2.11E-08	3.21E-07	2.86E+01	1.02E+00	2.83E-03	9.58E-02	3.61E-02	3.80E-01	6.19E+01	1.41E+00	4.62E-07	1.68E-07	5.95E-03	1.44E-04	1.21E+00	2.75E-01	6.43E+01	1.12E-03	6.39E+01	6.58E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MMN300	2.46E-02	2.43E+00	-9.32E-03	2.42E+00	2.03E-06	0.00E+00	1.13E+03	6.65E-05	1.71E-03	1.85E-02	3.04E-03	2.76E+00	3.15E-08	1.02E-07	5.95E+00	1.90E-01	4.10E-03	1.22E-01	3.44E-02	5.55E-01	1.00E+02	2.73E+00	3.20E-07	1.58E-07	8.10E-03	2.01E-04	8.66E-01	5.85E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MMN301	2.41E-02	2.43E+00	-8.72E-03	2.42E+00	1.78E-06	0.00E+00	1.13E+03	7.16E-05	1.69E-03	1.81E-02	2.95E-03	2.75E+00	3.00E-08	1.02E-07	5.92E+00	2.13E-01	4.01E-03	1.21E-01	3.40E-02	5.49E-01	9.97E+01	2.81E+00	3.15E-07	1.54E-07	7.99E-03	1.99E-04	8.69E-01	5.33E-01	1.03E+02	1.32E-03	1.02E+02	1.04E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MMN302	2.46E-02	2.43E+00	-9.47E-03	2.43E+00	2.04E-06	0.00E+00	1.14E+03	6.53E-05	1.72E-03	1.86E-02	2.99E-03	2.73E+00	3.10E-08	1.01E-07	5.91E+00	1.85E-01	4.05E-03	1.21E-01	3.44E-02	5.56E-01	1.00E+02	2.73E+00	3.05E-07	1.58E-07	8.10E-03	2.01E-04	8.70E-01	6.20E-01	1.03E+02	1.32E-03	1.02E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MMN303	2.41E-02	2.43E+00	-8.77E-03	2.42E+00	1.78E-06	0.00E+00	1.13E+03	9.24E-05	1.71E-03	1.86E-02	2.92E-03	4.58E+00	2.34E-08	1.64E-07	7.30E+00	2.19E-01	3.97E-03	1.20E-01	3.43E-02	5.48E-01	9.94E+01	2.85E+00	2.99E-07	1.53E-07	7.99E-03	1.92E-04	9.79E-01	5.85E-01	1.02E+02	1.33E-03	1.02E+02	1.04E+02	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MMN304	2.20E-02	2.43E+00	-2.12E-02	2.43E+00	2.05E-06	0.00E+00	1.62E+03	6.96E-05	1.78E-03	1.90E-02	2.98E-03	2.77E+00	2.39E-08	8.63E-08	5.78E+00	1.87E-01	4.05E-03	1.21E-01	3.26E-02	5.22E-01	1.01E+02	2.85E+00	3.09E-07	1.43E-07	7.29E-03	1.97E-04	7.57E-01	6.49E-01	1.04E+02	1.34E-03	1.04E+02	1.05E+02	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MMN306	2.08E-02	2.80E+00	-2.92E-02	2.87E+00	1.89E-06	0.00E+00	1.86E+03	7.57E-05	1.87E-03	2.03E-02	2.76E-03	2.74E+00	2.99E-07	8.24E-08	5.76E+00	2.15E-01	3.99E-03	1.22E-01	3.54E-02	5.10E-01	1.00E+02	3.41E+00	2.89E-07	1.36E-07	8.02E-03	1.95E-04	6.72E-01	7.15E-01	1.04E+02	3.00E-03	1.03E+02	1.05E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
MMN310	2.24E-02	2.80E+00	-3.20E-02	2.89E+00	1.95E-06	0.00E+00	1.92E+03	7.84E-05	1.88E-03	2.05E-02	2.88E-03	2.79E+00	2.99E-07	8.35E-08	5.88E+00	2.15E-01	4.17E-03	1.23E-01	3.76E-02	5.23E-01	1.03E+02	3.43E+00	2.93E-07	1.45E-07	8.18E-03	2.01E-04	6.75E-01	7.69E-01	1.05E+02	3.00E-03	1.05E+02	1.06E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MMN313	2.22E-02	2.42E+00	-9.36E-03	2.42E+00	2.05E-06	0.00E+00	1.15E+03	7.71E-05	1.71E-03	1.81E-02	3.04E-03	2.81E+00	2.22E-08	8.76E-08	5.84E+00	2.49E-01	4.11E-03	1.23E-01	3.27E-02	5.26E-01	1.02E+02	2.73E+00	2.98E-07	1.45E-07	7.36E-03	1.97E-04	7.54E-01	6.20E-01	1.05E+02	1.35E-03	1.04E+02	1.05E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MMN316	2.26E-02	2.80E+00	-3.20E-02	2.88E+00	1.96E-06	0.00E+00	1.96E+03	1.19E-04	1.88E-03	2.05E-02	2.88E-03	4.29E+00	2.99E-07	1.51E-07	8.66E+00	2.72E-01	4.17E-03	1.23E-01	3.81E-02	5.24E-01	1.03E+02	3.43E+00	2.86E-07	1.46E-07	8.19E-03	2.01E-04	7.15E-01	7.69E-01	1.05E+02	3.00E-03	1.05E+02	1.06E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00

MMN320	2.25E-02	2.79E+00	-3.31E-02	2.89E+00	1.96E-06	0.00E+00	2.00E+03	1.71E-04	1.90E-03	2.07E-02	2.91E-03	6.55E+00	2.99E-07	1.67E-07	1.10E+01	4.26E-01	4.19E-03	1.23E-01	3.80E-02	5.27E-01	1.03E+02	3.46E+00	2.88E-07	1.46E-07	8.34E-03	2.01E-04	7.45E-01	7.64E-01	1.05E+02	3.02E-03	1.05E+02	1.06E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MMN325	2.41E-02	2.81E+00	-3.01E-02	2.92E+00	1.96E-06	0.00E+00	2.02E+03	1.84E-04	1.90E-03	2.09E-02	2.93E-03	7.81E+00	2.91E-07	2.04E-07	1.23E+01	4.45E-01	4.24E-03	1.24E-01	4.26E-02	5.35E-01	1.03E+02	3.52E+00	3.07E-07	1.60E-07	8.52E-03	2.06E-04	8.99E-01	7.64E-01	1.06E+02	2.93E-03	1.06E+02	1.07E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MMN332	2.99E-02	2.90E+00	-1.95E-02	2.99E+00	1.99E-06	0.00E+00	2.02E+03	3.25E-04	2.05E-03	2.24E-02	2.97E-03	1.18E+01	2.91E-07	3.29E-07	2.16E+01	8.88E-01	4.29E-03	1.24E-01	5.02E-02	5.59E-01	1.03E+02	3.54E+00	3.20E-07	1.94E-07	9.06E-03	2.20E-04	1.28E+00	7.64E-01	1.06E+02	2.93E-03	1.06E+02	1.07E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+00
MMN340	2.40E-02	2.84E+00	-3.10E-02	2.93E+00	1.90E-06	0.00E+00	2.02E+03	1.84E-04	2.04E-03	2.21E-02	2.97E-03	7.19E+00	2.91E-07	2.00E-07	1.16E+01	4.44E-01	4.30E-03	1.24E-01	4.15E-02	5.53E-01	1.02E+02	3.53E+00	3.56E-07	1.66E-07	8.97E-03	2.19E-04	8.13E-01	7.64E-01	1.05E+02	2.99E-03	1.05E+02	1.06E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MMN350	3.27E-02	2.94E+00	-1.32E-02	3.01E+00	1.92E-06	0.00E+00	2.03E+03	3.32E-04	2.10E-03	2.30E-02	2.98E-03	1.24E+01	2.91E-07	3.44E-07	2.37E+01	9.13E-01	4.30E-03	1.24E-01	5.29E-02	5.97E-01	1.02E+02	3.65E+00	4.41E-07	2.17E-07	9.28E-03	2.22E-04	1.29E+00	7.73E-01	1.05E+02	2.95E-03	1.06E+02	1.05E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
MMN363	3.28E-02	2.97E+00	-1.28E-02	3.02E+00	1.92E-06	0.00E+00	2.02E+03	3.37E-04	2.10E-03	2.31E-02	3.01E-03	1.24E+01	2.91E-07	3.46E-07	2.46E+01	9.39E-01	4.33E-03	1.24E-01	5.31E-02	6.04E-01	1.02E+02	3.66E+00	4.97E-07	2.18E-07	9.32E-03	2.23E-04	1.30E+00	7.81E-01	1.05E+02	2.96E-03	1.06E+02	1.05E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MMN400	3.03E-02	2.48E+00	-1.84E-02	2.46E+00	2.12E-06	0.00E+00	1.16E+03	7.98E-05	2.25E-03	2.31E-02	3.95E-03	2.88E+00	3.35E-08	1.04E-07	6.00E+00	2.10E-01	5.51E-03	1.69E-01	3.95E-02	6.32E-01	1.26E+02	2.76E+00	4.16E-07	1.96E-07	9.76E-03	2.73E-04	9.19E-01	6.57E-01	1.31E+02	1.71E-03	1.30E+02	1.31E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MMN401	3.02E-02	2.47E+00	-8.16E-03	2.46E+00	2.11E-06	0.00E+00	1.14E+03	8.05E-05	2.23E-03	2.28E-02	3.89E-03	2.85E+00	3.21E-08	1.04E-07	6.03E+00	2.30E-01	5.41E-03	1.68E-01	3.91E-02	6.10E-01	1.26E+02	2.71E+00	4.18E-07	1.95E-07	9.70E-03	2.43E-04	8.62E-01	5.40E-01	1.31E+02	1.72E-03	1.30E+02	1.30E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MMN402	3.02E-02	2.47E+00	-8.69E-03	2.46E+00	2.11E-06	0.00E+00	1.14E+03	7.09E-05	2.23E-03	2.28E-02	3.87E-03	2.75E+00	3.21E-08	1.03E-07	5.87E+00	1.97E-01	5.40E-03	1.67E-01	3.82E-02	6.09E-01	1.25E+02	2.71E+00	4.06E-07	1.95E-07	9.75E-03	2.43E-04	8.61E-01	5.40E-01	1.31E+02	1.71E-03	1.29E+02	1.29E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MMN403	2.99E-02	2.47E+00	-1.88E-02	2.46E+00	2.13E-06	0.00E+00	1.15E+03	9.96E-05	2.25E-03	2.31E-02	3.87E-03	4.76E+00	2.55E-08	1.61E-07	8.06E+00	2.27E-01	5.38E-03	1.67E-01	3.83E-02	6.08E-01	1.25E+02	2.75E+00	3.96E-07	1.95E-07	9.74E-03	2.42E-04	9.69E-01	6.57E-01	1.31E+02	1.73E-03	1.30E+02	1.29E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MMN404	3.10E-02	3.21E+00	-3.85E-02	3.31E+00	2.43E-06	0.00E+00	2.38E+03	8.16E-05	2.39E-03	2.55E-02	3.69E-03	2.98E+00	4.60E-08	9.14E-08	5.87E+00	2.33E-01	5.48E-03	1.65E-01	3.62E-02	5.62E-01	1.24E+02	3.34E+00	4.83E-07	2.05E-07	1.00E-02	2.46E-04	9.32E-01	1.00E+00	1.28E+02	9.35E-04	1.26E+02	1.34E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MMN406	2.98E-02	2.48E+00	-1.99E-02	2.47E+00	2.14E-06	0.00E+00	2.04E+03	8.21E-05	2.32E-03	2.43E-02	3.94E-03	2.92E+00	2.68E-08	8.86E-08	5.79E+00	2.55E-01	5.52E-03	1.71E-01	3.86E-02	6.33E-01	1.27E+02	2.80E+00	4.10E-07	1.93E-07	9.74E-03	2.74E-04	8.31E-01	6.57E-01	1.32E+02	1.75E-03	1.30E+02	1.31E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MMN410	2.98E-02	2.52E+00	-2.00E-02	2.52E+00	2.20E-06	0.00E+00	2.04E+03	8.24E-05	2.32E-03	2.43E-02	3.94E-03	2.92E+00	3.02E-08	8.87E-08	5.79E+00	2.55E-01	5.52E-03	1.71E-01	3.86E-02	6.33E-01	1.27E+02	2.42E+00	4.10E-07	1.93E-07	9.74E-03	2.74E-04	8.31E-01	6.70E-01	1.32E+02	1.74E-03	1.30E+02	1.31E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MMN413	2.98E-02	2.52E+00	-1.99E-02	2.52E+00	2.18E-06	0.00E+00	2.04E+03	8.24E-05	2.32E-03	2.43E-02	3.94E-03	2.91E+00	2.88E-08	8.91E-08	5.79E+00	2.54E-01	5.52E-03	1.71E-01	3.86E-02	6.33E-01	1.27E+02	2.42E+00	3.97E-07	1.93E-07	9.74E-03	2.74E-04	8.31E-01	6.59E-01	1.32E+02	1.74E-03	1.30E+02	1.31E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MMN416	2.94E-02	2.48E+00	-3.44E-03	2.45E+00	2.13E-06	0.00E+00	1.14E+03	1.57E-04	2.21E-03	2.26E-02	3.89E-03	5.63E+00	2.49E-08	1.62E-07	9.97E+00	4.39E-01	5.42E-03	1.69E-01	3.79E-02	5.97E-01	1.27E+02	2.70E+00	3.93E-07	1.91E-07	9.65E-03	2.42E-04	9.27E-01	5.40E-01	1.32E+02	1.76E-03	1.30E+02	1.31E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MMN420	3.00E-02	2.48E+00	-4.60E-03	2.45E+00	2.15E-06	0.00E+00	1.12E+03	2.21E-04	2.27E-03	2.30E-02	3.95E-03	1.03E+01	2.62E-08	2.12E-07	1.87E+01	6.27E-01	5.52E-03	1.71E-01	3.91E-02	6.33E-01	1.25E+02	2.74E+00	4.01E-07	1.95E-07	9.92E-03	2.75E-04	1.06E+00	5.92E-01	1.30E+02	1.77E-03	1.28E+02	1.29E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MMN425	3.12E-02	2.48E+00	-2.23E-03	2.46E+00	2.18E-06	0.00E+00	1.04E+03	2.37E-04	2.24E-03	2.29E-02	3.94E-03	1.12E+01	2.55E-08	2.37E-07	2.08E+01	6.36E-01	5.46E-03	1.70E-01	4.32E-02	6.21E-01	1.26E+02	2.69E+00	4.01E-07	2.06E-07	1.00E-02	2.66E-04	1.14E+00	5.40E-01	1.30E+02	1.79E-03	1.29E+02	1.30E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MMN432	3.68E-02	2.53E+00	-6.61E-03	2.53E+00	2.53E-06	0.00E+00	1.94E+03	4.48E-04	2.38E-03	2.50E-02	4.09E-03	1.53E+01	3.23E-08	3.87E-07	3.17E+01	1.24E+00	5.63E-03	1.81E-01	5.55E-02	6.47E-01	1.21E+02	2.38E+00	4.73E-07	2.30E-07	1.04E-02	2.81E-04	1.34E+00	7.67E-01	1.24E+02	1.77E-03	1.23E+02	1.26E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
MMN440	3.22E-02	2.48E+00	-3.64E-03	2.46E+00	2.31E-06	0.00E+00	1.03E+03	2.20E-04	2.26E-03	2.32E-02	4.02E-03	1.09E+01	2.68E-08	2.35E-07	2.10E+01	5.67E-01	5.59E-03	1.77E-01	5.06E-02	6.41E-01	1.19E+02	2.73E+00	4.61E-07	2.11E-07	1.04E-02	2.81E-04	1.10E+00	5.99E-01	1.23E+02	1.88E-03	1.22E+02	1.24E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
MMN450	3.83E-02	2.53E+00	-4.58E-03	2.53E+00	2.39E-06	0.00E+00	1.91E+03	5.09E-04	2.42E-03	2.53E-02	4.08E-03	1.57E+01	3.09E-08	3.89E-07	3.28E+01	1.41E+00	5.63E-03	1.79E-01	5.74E-02	6.50E-01	1.16E+02	2.38E+00	4.74E-07	2.43E-07	1.04E-02	2.86E-04	1.43E+00	6.67E-01	1.20E+02	1.87E-03	1.19E+02	1.22E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
MMN463	3.84E-02	2.50E+00	-4.65E-03	2.47E+00	2.40E-06	0.00E+00	1.03E+03	4.75E-04	2.32E-03	2.38E-02	4.11E-03	1.58E+01	2.71E-08	3.91E-07	3.38E+01	1.36E+00	5.63E-03	1.76E-01	5.78E-02	6.55E-01	1.18E+02	2.71E+00	5.04E-07	2.44E-07	1.04E-02	2.85E-04	1.41E+00	6.63E-01	1.22E+02	1.90E-03	1.20E+02	1.23E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
MN110P	8.37E-03	1.12E+00	-8.78E-03	1.13E+00	6.51E-07	0.00E+00	6.68E+02	4.51E-05	8.99E-04	9.56E-03	9.64E-04	1.97E+00	1.85E-08	5.06E-08	4.10E+00	1.07E-01	1.31E-03	6.17E-02	1.25E-02	2.10E-01	3.83E+01	1.06E+00	1.06E-07	5.45E-08	3.76E-03	7.34E-05	3.36E-01	2.37E-01	3.90E+01	1.97E-04	3.90E+01	3.93E+01	6.47E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
MN110V3	9.52E-03	1.07E+00	-6.60E-03	1.11E+00	9.25E-08	0.00E+00	6.65E+02	6.74E-05	7.62E-04	8.70E-03	8.49E-04	2.19E+00	2.26E-08	5.14E-08	4.41E+00	2.18E-01	1.29E-03	6.36E-02	1.22E-02	1.66E-01	3.65E+01	1.01E+00	1.30E-07	6.08E-08	4.16E-03	5.89E-05	4.48E-01	2.15E-01	3.78E+01	2.49E-04	3.78E+01	3.89E+01	7.12E-01	0.00E+00	0.00E+00	0.00E+00	5.06E-01
MN116P	9.35E-03	1.12E+00	-4.75E-03	1.13E+00	6.60E-07	0.00E+00	7.05E+02	9.02E-05	8.93E-04	9.63E-03	9.70E-04	2.84E+00	2.13E-08	7.63E-08	5.21E+00	1.92E-01	1.32E-03	6.19E-02	1.41E-02	2.18E-01	3.69E+01	1.06E+00	1.21E-07	6.19E-08	3.86E-03	7.84E-05	5.16E-01	2.60E-01	3.82E+01	2.19E-04	3.82E+01	3.86E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MN116V3	9.68E-03	1.07E+00	-5.85E-03	1.10E+00	9.02E-08	0.00E+00	6.66E+02	6.74E-05	7.65E-04	8.71E-03	8.20E-04	2.27E+00	2.25E-08	5.18E-08	4.50E+00	2.15E-01	1.29E-03	6.37E-02	1.23E-02	1.67E-01	3.61E+01	1.01E+00	1.31E-07	6.13E-08	4.17E-03	6.06E-05	5.02E-01	2.15E-01	3.72E+01	2.48E-04	3.72E+01	3.87E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	5.12E-01
MN120P	9.35E-03	1.13E+00	-4.63E-03	1.13E+00	6.60E-07	0.00E+00	7.04E+02	9.09E-05	8.91E-04	9.57E-03	1.00E-03	2.85E+00	2.12E-08	7.72E-08	5.24E+00	1.94E-01	1.35E-03	6.19E-02	1.41E-02	2.18E-01	3.69E+01	1.07E+00	1.21E-07	6.15E-08	3.86E-03	7.90E-05	5.09E-01	2.62E-01	3.82E+01	2.18E-04	3.82E+01	3.86E+01	7.96E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
MN120V	7.13E-03	8.67E-01	-9.05E-03	8.75E-01	2.88E-07	0.00E+00	6.92E+02	5.19E-05	5.31E-04	5.68E-03	9.42E-04	1.66E+00	4.95E-08	5.08E-08	3.95E+00	8.39E-02	1.28E-03	4.96E-02	1.04E-02	1.19E-01	3.72E+01	9.51E-01	1.26E-07	4.67E-08	2.22E-03	4.49E-05	1.65E-01	2.12E-01	3.81E+01	1.38E-04	3.81E+01	3.86E+01	3.90E-01	0.00E+00	0.00E+00	0.00E+00	4.63E-01
MN120V1	9.28E-03	1.07E+00	-6.67E-03	1.11E+00	8.88E-08	0.00E+00	6.68E+02	6.80E-05	7.89E-04	8.83E-03	8.47E-04	2.25E+00	2.28E-08	5.66E-08	4.49E+00	2.10E-01	1.35E-03	6.36E-02	1.23E-02	1.76E-01	3.62E+01	1.01E+00	1.32E-07	6.06E-08	4.12E-03	6.11E-05	4.67E-01	2.15E-01	3.71E+01	2.57E-04	3.71E+01	3.85E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	5.31E-01
MN125P	1.35E-02	1.13E+00	-3.15E-03	1.14E+00	6.46E-07	0.00E+00	7.04E+02	1.42E-04	9.10E-04	9.76E-03	1.01E-03	6.01E+00	2.48E-08	1.32E-07	1.29E+01	3.54E-01	1.37E-03	6.22E-02	1.74E-02	2.18E-01	3.66E+01	1.06E+00	1.31E-07	8.90E-08	3.87E-03	7.88E-05	5.82E-01	2.61E-01	3.80E+01	2.41E-04	3.81E+01	3.87E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	7.95E-01
MN125V1	1.07E-02	1.07E+00	-3.21E-03	1.11E+00	9.24E-08	0.00E+00	6.66E+02	6.93E-05	7.92E-04	8.84E-03	8.47E-04	2.25E+00	2.26E-08	5.68E-08	4.52E+00	2.27E-01	1.35E-03	6.36E-02	1.27E-02	1.76E-01	3.59E+01	1.01E+00	1.28E-07	6.66E-08	4.25E-03	6.25E-05	4.93E-01	2.15E-01	3.71E+01	2.74E-04	3.71E+01	3.84E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MN132P	1.39E-02	1.12E+00	-3.09E-03	1.13E+00	6.63E-07	0.00E+00	6.94E+02	1.46E-04	9.10E-04	9.77E-03	1.02E-03	6.08E+00	2.49E-08	1.37E-07	1.30E+01	3.58E-01	1.37E-03	6.21E-02	1.75E-02	2.20E-01	3.63E+01	1.06E+00	1.22E-07	9.05E-08	3.88E-03	8.03E-05	6.28E-01	2.61E-01	3.79E+01	2.55E-04	3.80E+01	3.83E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	7.97E-01
MN132Z	9.69E-03	9.61E-01	-3.65E-03	9.30E-01	1.59E-07	0.00E+00	3.68E+02	1.49E-04	7.78E-04	8.12E-03	1.07E-03	3.10E+00	1.64E-07	9.41E-08	6.47E+00	4.02E-01	1.44E-03	5.22E-02	1.39E-02	1.98E-01	3.19E+01	7.21E-01	1.46E-07	6.16E-08	2.67E-03	5.22E-05	3.51E-01	2.58E-01	3.29E+01	2.31E-03	3.29E+01	3.35E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-01
MN140P	1.39E-02	1.13E+00	-3.13E-03	1.13E+00	6.49E-07	0.00E+00	7.03E+02	1.58E-04	9.15E-04	9.80E-03	1.02E-03	6.16E+00	2.48E-08	1.38E-07	1.31E+01	3.93E-01	1.37E-03	6.22E-02	1.74E-02	2.19E-01	3.65E+01	1.06E+00	1.31E-07	9.03E-08	3.87E-03	7.89E-05	6.31E-01	2.62E-01	3.80E+01	2.31E-04	3.80E+01	3.86E+01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
MN140Z	9.69E-03	9.57E-01	-3.54E-03	9.27E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.69E-04	8.03E-03	1.06E-03	3.08E+00	1.64E-07	9.42E-08	6.56E+00	3.97E-01	1.44E-03	5.25E-02	1.39E-02	1.96E-01	3.20E+01	7.20E-01	1.46E-07	6.12E-08	2.67E-03	5.22E-05	3.49E-01	2.59E-01	3.27E+01	2.30E-03	3.27E+01	3.36E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
MN150Z	1.26E-02	1.00E+00	4.90E-03	9.68E-01	2.33E-07	0.00E+00	3.87E+02	1.54E-04	8.11E-04	8.68E-03	1.10E-03	4.98E+00	1.34E-08	1.21E-07	1.06E+01	5.12E-01	1.47E-03	4.68E-02	1.77E-02	2.07E-01	3.17E+01	7.26E-01	1.92E-07	8.36E-08	3.04E-03	7.47E-05	4.65E-01	2.39E-01	3.25E+01	2.56E-03	3.25E+01	3.37E+01	7.52E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
MN163Z	1.29E-02	1.00E+00	5.14E-03	9.66E-01	2.68E-07	0.00E+00	3.86E+02	1.95E-04	8.23E-04	8.76E-03	1.10E-03	6.91E+00	1.36E-08	1.47E-07	1.56E+01	6.06E-01	1.48E-03	4.87E-02	1.85E-02	2.11E-01	3.15E+01	7.26E-01	1.92E-07	8.59E-08	3.06E-03	7.61E-05	5.21E-01	2.60E-01	3.27E+01	2.55E-03	3.27E+01	3.37E+01	7.67E-01	0.00E+00	0.00E+00	0.00E+00	7.99E-01
MN206V	1.60E-02	1.69E+00	-1.61E-02	1.70E+00	2.42E-07	0.00E+00	1.29E+03	5.73E-05	1.06E-03	1.11E-02	1.94E-03	2.21E+00	1.30E-08	6.95E-08	4.69E+00	1.27E-01	2.71E-03	9.49E-02	2.52E-02	2.81E-01	7.21E+01	1.62E+00	2.57E-07	9.72E-08	4.75E-03	1.05E-04	3.36E-01	2.45E-01	7.45E+01	2.41E-04	7.41E+01	7.44E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MN210V	9.89E-03	1.53E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.65E-03	2.18E+00	1.61E-08	6.30E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.16E-01	4.67E+01	2.21E+00	1.53E-07	6.40E-08	4.01E-03	7.27E-05	4.11E-01	4.39E-01	4.89E+01	1.19E-04	4.89E+01	4.97E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN210V33	1.20E-02	1.59E+00	-2.24E-02	1.62E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.63E-03	1.77E-02	1.65E-03	2.18E+00	1.61E-08	6.37E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.20E-02	2.35E-01	4.76E+01	2.21E+00	1.53E-07	7.54E-08	5.44E-03	7.95E-05	4.18E-01	4.39E-01	4.98E+01	1.19E-04	4.98E+01	5.06E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-01
MN216V	9.76E-03	1.52E+00	-2.25E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.64E-03	2.17E+00	1.58E-08	6.27E-08	4.25E+00	1.02E-01	2.23E-03	6.35E-02	1.17E-02	2.11E-01	4.66E+01	2.21E+00	1.52E-07	6.28E-08	3.99E-03	7.23E-05	4.10E-01	4.39E-01	4.88E+01	1.19E-04	4.88E+01	4.97E+01	8.49E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MN216V33	1.19E-02	1.59E+00	-2.24E-02	1.61E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.63E-03	1.77E-02	1.65E-03	2.17E+00	1.58E-08	6.34E-08	4.25E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.30E-01	4.75E+01	2.21E+00	1.53E-07	7.42E-08	5.42E-03	7.92E-05	4.17E-01	4.39E-01	4.97E+01	1.19E-04	4.97E+01	5.06E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN220V	1.00E-02	1.53E+00	-2.23E-02	1.55E+00	1.73E-08	0.00E+00	1.76E+03	5.48E-05	1.13E-03	1.22E-02	1.66E-03	2.34E+00	1.61E-08	6.61E-08	4.65E+00	1.02E-01	2.24E-03	6.36E-02	1.21E-02	2.14E-01	4.67E+01	2.21E+00	1.53E-07	6.46E-08	4.03E-03	7.27E-05	4.17E-01	4.40E-01	4.89E+01	1.21E-04	4.89E+01	4.98E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MN220V33	1.22E-02	1.60E+00	-2.21E-02	1.62E+00	1.73E-08	0.00E+00	1.76E+03	5.49E-05	1.64E-03	1.78E-02	1.66E-03	2.34E+00	1.61E-08	6.68E-08	4.65E+00	1.03E-01	2.25E-03	6.36E-02	1.22E-02	2.33E-01	4.76E+01	2.21E+00	1.54E-07	7.61E-08	5.47E-03	7.95E-05	4.24E-01	4.40E-01	4.98E+01	1.21E-04	4.98E+01	5.07E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MN225V	1.45E-02	1.75E+00	-1.70E-02	1.77E+00	1.71E-08	0.00E+00	1.42E+03	5.11E-05	1.08E-03	1.16E-02	1.93E-03	3.62E+00	1.56E-08	9.08E-08	7.71E+00	9.96E-02	2.61E-03	9.64E-02	2.02E-02	2.57E-01	7.30E+01	1.94E+00	2.58E-07	9.16E-08	4.43E-03	1.08E-04	3.02E-01	4.29E-01	7.50E+01	2.54E-04	7.50E+01	7.57E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MN225V1	1.46E-02	1.76E+00	-1.67E-02	1.78E+00	1.71E-08	0.00E+00	1.41E+03	5.12E-05	1.12E-03	1.20E-02	1.93E-03	3.62E+00	1.56E-08	9.14E-08	7.77E+00	9.99E-02	2.61E-03	9.64E-02	2.04E-02	2.69E-01	7.36E+01	1.94E+00	2.59E-07	9.28E-08	4.53E-03	1.10E-04	3.50E-01	4.29E-01	7.56E+01	2.14E-04	7.56E+01	7.64E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	8.75E-01
MN225Z	1.53E-02	1.70E+00	-1.42E-02	1.70E+00	1.90E-07	0.00E+00	1.36E+03	5.65E-05	1.07E-03	1.14E-02	1.86E-03	3.70E+00	1.56E-08	9.48E-08	8.09E+00	1.06E-01	2.54E-03	9.53E-02	2.10E-02	2.65E-01	7.22E+01	1.70E+00	2.57E-07	9.43E-08	4.61E-03	1.08E-04	3.35E-01	2.84E-01	7.42E+01	2.56E-04	7.37E+01	7.41E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-01
MN232V	1.92E-02	1.67E+00	-4.84E-03	1.68E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.17E-03	1.26E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.44E-01	6.24E+01	1.47E+00	2.92E-07	1.21E-07	5.11E-03	1.29E-04	7.26E-01	4.45E-01	6.39E+01	3.93E-03	6.39E+01	6.51E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN232V1	1.92E-02	1.69E+00	-4.84E-03	1.69E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.20E-03	1.30E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.44E-01	6.26E+01	1.47E+00	2.92E-07	1.22E-07	5.20E-03	1.29E-04	7.26E-01	4.45E-01	6.41E+01	3.93E-03	6.41E+01	6.52E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN232Z	1.88E-02	1.68E+00	-1.17E-02	1.68E+00	5.04E-07	0.00E+00	7.33E+02	2.84E-04	1.16E-03	1.26E-02	2.11E-03	6.94E+00	3.18E-07	1.91E-07	1.49E+01	7.17E-01	2.85E-03	9.87E-02	2.67E-02	3.39E-01	6.25E+01	1.54E+00	2.93E-07	1.18E-07	5.10E-03	1.30E-04	7.28E-01	4.47E-01	6.40E+01	3.93E-03	6.40E+01	6.52E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MN240V	1.93E-02	1.70E+00	-4.63E-03	1.70E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.18E-03	1.27E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.28E+01	1.48E+00	3.45E-07	1.22E-07	5.15E-03	1.29E-04	7.28E-01	4.45E-01	6.43E+01	3.85E-03	6.43E+01	6.55E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN240V1	1.93E-02	1.71E+00	-4.63E-03	1.71E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.21E-03	1.31E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.30E+01	1.48E+00	3.45E-07	1.22E-07	5.24E-03	1.30E-04	7.28E-01	4.45E-01	6.45E+01	3.85E-03	6.45E+01	6.56E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN250Z	2.49E-02	1.71E+00	6.43E-03	1.70E+00	6.02E-07	0.00E+00	7.14E+02	2.91E-04	1.24E-03	1.34E-02	2.14E-03	1.06E+01	1.39E-08	2.58E-07	2.21E+01	8.30E-01	2.94E-03	9.80E-02	3.52E-02	3.95E-01	6.14E+01	1.32E+00	3.14E-07	1.59E-07	5.85E-03	1.61E-04	9.79E-01	2.55E-01	6.27E+01	3.88E-03	6.24E+01	6.37E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MN263Z	2.82E-02	1.71E+00	6.62E-03	1.71E+00	6.16E-07	0.00E+00	7.14E+02	3.04E-04	1.24E-03	1.34E-02	2.14E-03	1.28E+01	1.39E-08	2.97E-07	2.45E+01	8.54E-01	2.94E-03	9.87E-02	3.58E-02	4.10E-01	6.16E+01	1.32E+00	3.83E-07	1.75E-07	5.87E-03	1.62E-04	1.15E+00	2.55E-01	6.27E+01	3.88E-03	6.24E+01	6.38E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MN306Z	1.75E-02	2.45E+00	-1.70E-02	2.47E+00	3.76E-07	0.00E+00	1.25E+03	6.89E-05	1.19E-03	1.29E-02	2.68E-03	3.43E+00	1.72E-08	9.15E-08	6.91E+00	1.56E-01	3.64E-03	1.40E-01	2.57E-02	3.43E-01	1.06E+02	3.02E+00	3.64E-07	1.10E-07	5.97E-03	1.55E-04	4.41E-01	4.48E-01	1.09E+02	3.70E-04	1.09E+02	1.10E+02	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MN310Z	1.79E-02	2.47E+00	-1.57E-02	2.49E+00	3.43E-07	0.00E+00	1.29E+03	6.77E-05	1.21E-03	1.30E-02	2.72E-03	4.09E+00	1.75E-08	1.07E-07	8.83E+00	1.50E-01	3.68E-03	1.40E-01	2.59E-02	3.47E-01	1.07E+02	3.04E+00	3.70E-07	1.11E-07	6.07E-03	1.58E-04	4.57E-01	4.49E-01	1.09E+02	3.70E-04	1.09E+02	1.11E+02	1.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MN320Z	2.02E-02	2.50E+00	-1.52E-02	2.50E+00	3.60E-07	0.00E+00	1.17E+03	7.10E-05	1.42E-03	1.50E-02	2.78E-03	4.47E+00	1.76E-08	1.18E-07	9.56E+00	1.49E-01	3.77E-03	1.41E-01	2.82E-02	3.68E-01	1.07E+02	3.04E+00	3.70E-07	1.27E-07	6.37E-03	1.58E-04	4.39E-01	4.57E-01	1.10E+02	3.80E-04	1.09E+02	1.11E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MN332Z	2.87E-02	2.48E+00	-8.73E-03	2.49E+00	6.99E-07	0.00E+00	1.06E+03	4.31E-04	1.73E-03	1.87E-02	3.13E-03	1.04E+01	4.77E-07	2.86E-07	2.24E+01	1.12E+00	4.23E-03	1.46E-01	4.02E-02	5.06E-01	9.19E+01	2.16E+00	4.44E-07	1.81E-07	7.62E-03	1.92E-04	1.03E+00	6.67E-01	9.42E+01	5.95E-03	9.42E+01	9.60E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MN340Z	2.91E-02	2.46E+00	-4.94E-03	2.45E+00	5.75E-07	0.00E+00	7.23E+02	4.31E-04	1.69E-03	1.81E-02	3.08E-03	1.04E+01	4.46E-07	2.87E-07	2.23E+01	1.12E+00	4.17E-03	1.44E-01	4.05E-02	5.14E-01	9.21E+01	2.46E+00	5.28E-07	1.83E-07	7.72E-03	1.94E-04	1.08E+00	5.05E-01	9.42E+01	5.77E-03	9.38E+01	9.60E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MN363Z	3.93E-02	2.63E+00	9.56E-03	2.57E+00	7.11E-07	0.00E+00	7.19E+02	4.47E-04	1.88E-03	2.03E-02	3.31E-03	1.83E+01	1.78E-08	4.23E-07	3.86E+01	1.30E+00	4.50E-03	1.43E-01	5.39E-02	6.49E-01	9.13E+01	2.46E+00	5.90E-07	2.63E-07	9.03E-03	2.56E-04	1.58E+00	4.91E-01	9.36E+01	6.50E-03	9.33E+01	9.56E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MN463Z	4.98E-02	2.70E+00	1.13E-02	2.65E+00	8.54E-07	0.00E+00	1.13E+03	5.56E-04	2.41E-03	2.59E-02	4.28E-03	2.37E+01	2.34E-08	5.36E-07	4.79E+01	1.62E+00	6.05E-03	1.92E-01	6.74E-02	8.71E-01	1.09E+02	2.18E+00	7.15E-07	3.30E-07	1.16E-02	3.21E-04	2.01E+00	7.01E-01	1.12E+02	7.32E-03	1.12E+02	1.18E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MN506V	1.24E-02	1.64E+00	-1.60E-02	1.66E+00	2.42E-07	0.00E+00	1.37E+03	6.12E-05	1.01E-03	1.07E-02	1.80E-03	3.23E+00	1.22E-08	6.94E-08	5.65E+00	1.29E-01	2.47E-03	9.29E-02	1.58E-02	2.43E-01	6.78E+01	1.70E+00	2.52E-07	7.80E-08	4.18E-03	1.05E-04	3.12E-01	2.64E-01	6.97E+01	2.20E-04	6.92E+01	7.03E+01	6.43E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-01
MN510V	9.90E-03	1.53E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.13E-03	1.22E-02	1.65E-03	2.18E+00	1.61E-08	6.30E-08	4.26E+00	1.02E-01	2.24E-03	6.35E-02	1.19E-02	2.16E-01	4.67E+01	2.22E+00	1.17E-07	6.40E-08	4.02E-03	7.28E-05	4.15E-01	4.40E-01	4.90E+01	1.19E-04	4.90E+01	4.98E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN510V7	1.21E-02	1.60E+00	-2.24E-02	1.62E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.64E-03	1.79E-02	1.65E-03	2.18E+00	1.61E-08	6.37E-08	4.26E+00	1.02E-01	2.24E-03	6.35E-02	1.20E-02	2.35E-01	4.77E+01	2.22E+00	1.18E-07	7.58E-08	5.49E-03	7.97E-05	4.21E-01	4.40E-01	4.99E+01	1.19E-04	4.99E+01	5.07E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-01
MN516V	9.77E-03	1.52E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.65E-03	2.17E+00	1.58E-08	6.27E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.17E-02	2.11E-01	4.67E+01	2.22E+00	1.17E-07	6.28E-08	4.00E-03	7.24E-05	4.14E-01	4.39E-01	4.89E+01	1.19E-04	4.89E+01	4.98E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	5.05E-01
MN516V33	1.20E-02	1.59E+00	-2.24E-02	1.61E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.64E-03	1.78E-02	1.65E-03	2.17E+00	1.59E-08	6.34E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.31E-01	4.76E+01	2.22E+00	1.17E-07	7.46E-08	5.47E-03	7.93E-05	4.20E-01	4.39E-01	4.98E+01	1.19E-04	4.98E+01	5.07E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN520V	1.01E-02	1.53E+00	-2.23E-02	1.55E+00	1.73E-08	0.00E+00	1.76E+03	5.48E-05	1.13E-03	1.22E-02	1.66E-03	2.34E+00	1.61E-08	6.61E-08	4.65E+00	1.02E-01	2.25E-03	6.36E-02	1.21E-02	2.14E-01	4.68E+01	2.22E+00	1.18E-07	6.47E-08	4.04E-03	7.28E-05	4.21E-01	4.41E-01	4.90E+01	1.21E-04	4.90E+01	4.99E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MN520V7	1.22E-02	1.60E+00	-2.21E-02	1.62E+00	1.73E-08	0.00E+00	1.76E+03	5.49E-05	1.64E-03	1.78E-02	1.66E-03	2.34E+00	1.61E-08	6.68E-08	4.66E+00	1.03E-01	2.25E-03	6.36E-02	1.22E-02	2.34E-01	4.77E+01	2.22E+00	1.18E-07	7.61E-08	5.47E-03	7.96E-05	4.28E-01	4.41E-01	4.99E+01	1.21E-04	4.99E+01	5.08E+01	8.68E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MN525V	1.35E-02	1.59E+00	-1.32E-02	1.61E+00	6.23E-08	0.00E+00	1.39E+03	1.01E-04	1.03E-03	1.11E-02	1.79E-03	4.61E+00	1.67E-07	1.10E-07	9.98E+00	2.08E-01	2.43E-03	8.67E-02	1.97E-02	2.53E-01	6.19E+01	1.91E+00	2.58E-07	8.60E-08	4.13E-03	1.08E-04	3.99E-01	4.05E-01	6.38E+01	2.69E-04	6.38E+01	6.46E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	8.46E-01
MN525V1	1.36E-02	1.61E+00	-1.29E-02	1.62E+00	6.23E-08	0.00E+00	1.39E+03	1.01E-04	1.06E-03	1.14E-02	1.79E-03	4.61E+00	1.67E-07	1.10E-07	1.00E+01	2.08E-01	2.43E-03	8.67E-02	1.98E-02	2.64E-01	6.26E+01	1.91E+00	2.58E-07	8.72E-08	4.23E-03	1.11E-04	4.53E-01	4.05E-01	6.45E+01	2.29E-04	6.45E+01	6.53E+01	8.58E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-01
MN532V	1.87E-02	1.67E+00	-4.84E-03	1.68E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.16E-03	1.25E-02	2.09E-03	6.95E+00	3.17E-07	1.91E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.64E-02	3.17E-01	6.26E+01	1.47E+00	2.92E-07	1.18E-07	5.06E-03	1.29E-04	7.29E-01	4.45E-01	6.41E+01	3.93E-03	6.41E+01	6.52E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MN532V1	1.88E-02	1.68E+00	-4.84E-03	1.69E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.19E-03	1.29E-02	2.09E-03	6.95E+00	3.17E-07	1.91E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.64E-02	3.18E-01	6.28E+01	1.47E+00	2.92E-07	1.19E-07	5.16E-03	1.29E-04	7.30E-01	4.45E-01	6.42E+01	3.93E-03	6.42E+01	6.54E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MN540V	1.93E-02	1.70E+00	-4.64E-03	1.70E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.18E-03	1.27E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.29E+01	1.48E+00	3.45E-07	1.22E-07	5.15E-03	1.30E-04	7.32E-01	4.45E-01	6.44E+01	3.85E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN540V1	1.93E-02	1.71E+00	-4.64E-03	1.71E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.21E-03	1.31E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.30E+01	1.48E+00	3.45E-07	1.22E-07	5.24E-03	1.30E-04	7.32E-01	4.45E-01	6.45E+01	3.85E-03	6.45E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN906V	8.26E-03	1.05E+00	-6.75E-03	1.06E+00	1.04E-07	0.00E+00	6.84E+02	6.73E-05	6.35E-04	7.44E-03	9.10E-04	2.33E+00	5.17E-08	5.58E-08	4.66E+00	1.94E-01	1.23E-03	6.24E-02	1.25E-02	1.33E-01	3.74E+01	1.00E+00	1.26E-07	5.13E-08	3.24E-03	5.56E-05	3.34E-01	2.14E-01	3.85E+01	1.76E-04	3.85E+01	3.89E+01	5.42E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MN910V	1.10E-02	1.26E+00	-6.94E-03	1.26E+00	4.45E-08	0.00E+00	6.87E+02	8.39E-05	1.29E-03	1.42E-02	8.98E-04	2.90E+00	4.79E-08	6.75E-08	5.73E+00	2.16E-01	1.22E-03	6.54E-02	1.42E-02	1.79E-01	4.30E+01	9.92E-01	1.25E-07	6.79E-08	4.48E-03	5.57E-05	6.11E-01	2.31E-01	4.40E+01	1.85E-04	4.40E+01	4.49E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MN916V	1.11E-02	1.26E+00	-6.84E-03	1.27E+00	4.45E-08	0.00E+00	6.87E+02	8.39E-05	1.30E-03	1.43E-02	9.03E-04	2.98E+00	4.80E-08	6.89E-08	5.90E+00	2.16E-01	1.22E-03	6.54E-02	1.43E-02	1.79E-01	4.31E+01	9.92E-01	1.25E-07	6.87E-08	4.50E-03	5.59E-05	6.14E-01	2.32E-01	4.41E+01	1.86E-04	4.41E+01	4.49E+01	8.46E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-01
MN920V	1.42E-02	1.20E+00	1.07E-03	1.20E+00	1.02E-07	0.00E+00	6.90E+02	1.82E-04	1.07E-03	1.20E-02	9.25E-04	6.19E+00	8.38E-08	1.32E-07	1.30E+01	5.01E-01	1.25E-03	6.70E-02	1.93E-02	1.90E-01	3.62E+01	9.92E-01	1.43E-07	8.87E-08	4.11E-03	6.17E-05	8.09E-01	2.34E-01	3.72E+01	2.41E-04	3.72E+01	3.82E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-01
MN925V	1.60E-02	1.24E+00	2.68E-03	1.23E+00	1.20E-07	0.00E+00	6.91E+02	2.16E-04	1.38E-03	1.53E-02	9.37E-04	6.54E+00	8.41E-08	1.41E-07	1.38E+01	6.04E-01	1.27E-03	6.73E-02	2.02E-02	1.95E-01	3.56E+01	9.93E-01	1.45E-07	9.88E-08	5.00E-03	6.36E-05	8.49E-01	2.35E-01	3.66E+01	2.46E-04	3.66E+01	3.77E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-01
MN932V	1.50E-02	1.21E+00	3.01E-03	1.20E+00	1.20E-07	0.00E+00	6.91E+02	2.16E-04	1.10E-03	1.23E-02	9.52E-04	6.78E+00	8.39E-08	1.45E-07	1.43E+01	6.04E-01	1.29E-03	6.73E-02	2.05E-02	1.90E-01	3.53E+01	9.94E-01	1.46E-07	9.39E-08	4.23E-03	6.35E-05	8.56E-01	2.37E-01	3.63E+01	2.48E-04	3.63E+01	3.73E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-01
MN940V	1.40E-02	1.14E+00	-5.43E-04	1.14E+00	1.30E-07	0.00E+00	7.01E+02	1.79E-04	9.50E-04	1.04E-02	9.47E-04	6.46E+00	5.98E-08	1.42E-07	1.36E+01	4.99E-01	1.29E-03	6.65E-02	1.85E-02	1.93E-01	3.53E+01	1.00E+00	1.41E-07	9.02E-08	3.90E-03	6.18E-05	7.14E-01	2.35E-01	3.63E+01	2.31E-04	3.63E+01	3.81E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-01
MNN106P	8.40E-03	1.12E+00	-7.02E-03	1.12E+00	8.99E-07	0.00E+00	6.68E+02	5.80E-05	8.07E-04	8.76E-03	1.01E-03	2.24E+00	2.15E-08	5.99E-08	4.67E+00	1.54E-01	1.36E-03	6.16E-02	1.25E-02	2.19E-01	3.82E+01	1.05E+00	1.18E-07	5.61E-08	3.72E-03	7.51E-05	3.57E-01	2.61E-01	3.96E+01	1.79E-04	3.96E+01	3.99E+01	6.70E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
MNN110P	8.54E-03	1.12E+00	-8.80E-03	1.12E+00	9.92E-07	0.00E+00	6.60E+02	4.36E-05	8.05E-04	8.66E-03	9.77E-04	1.99E+00	1.76E-08	5.03E-08	4.06E+00	1.03E-01	1.32E-03	6.16E-02	1.23E-02	2.16E-01	3.84E+01	1.17E+00	1.12E-07	5.51E-08	3.73E-03	7.51E-05	3.40E-01	3.17E-01	3.94E+01	1.99E-04	3.95E+01	3.99E+01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	5.13E-01
MNN116P	1.02E-02	1.08E+00	-1.95E-03	1.09E+00	9.21E-07	0.00E+00	6.96E+02	1.14E-04	7.19E-04	7.96E-03	9.77E-04	3.70E+00	2.15E-08	9.11E-08	6.92E+00	2.64E-01	1.32E-03	6.21E-02	1.44E-02	1.93E-01	3.65E+01	1.06E+00	1.21E-07	6.58E-08	3.91E-03	7.90E-05	5.14E-01	2.38E-01	3.77E+01	2.25E-04	3.78E+01	3.85E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-01
MNN120P	1.02E-02	1.08E+00	-1.95E-03	1.09E+00	9.21E-07	0.00E+00	6.96E+02	1.14E-04	7.19E-04	7.96E-03	9.77E-04	3.70E+00	2.15E-08	9.07E-08	6.92E+00	2.64E-01	1.32E-03	6.21E-02	1.44E-02	1.94E-01	3.66E+01	1.06E+00	1.21E-07	6.58E-08	3.91E-03	7.90E-05	5.16E-01	2.39E-01	3.78E+01	2.24E-04	3.79E+01	3.87E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-01
MNN125P	1.35E-02	1.12E+00	-2.30E-03	1.13E+00	9.19E-07	0.00E+00	6.94E+02	1.44E-04	8.20E-04	8.97E-03	1.02E-03	6.02E+00	2.45E-08	1.32E-07	1.29E+01	3.53E-01	1.37E-03	6.21E-02	1.75E-02	2.19E-01	3.64E+01	1.04E+00	1.30E-07	8.90E-08	3.82E-03	7.89E-05	5.80E-01	2.61E-01	3.78E+01	2.46E-04	3.78E+01	3.86E+01	8.21E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01

MNN132P	1.38E-02	1.11E+00	-2.41E-03	1.12E+00	9.20E-07	0.00E+00	6.87E+02	1.57E-04	8.27E-04	8.92E-03	1.04E-03	6.13E+00	2.43E-08	1.40E-07	1.32E+01	3.84E-01	1.41E-03	6.21E-02	1.75E-02	2.19E-01	3.62E+01	1.07E+00	1.22E-07	9.06E-08	3.82E-03	8.10E-05	6.19E-01	2.50E-01	3.76E+01	2.58E-04	3.77E+01	3.84E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	8.08E-01
MNN140P	1.38E-02	1.12E+00	-2.14E-03	1.12E+00	9.20E-07	0.00E+00	6.94E+02	1.59E-04	8.24E-04	9.01E-03	1.04E-03	6.19E+00	2.45E-08	1.40E-07	1.32E+01	3.84E-01	1.42E-03	6.22E-02	1.75E-02	2.20E-01	3.62E+01	1.05E+00	1.31E-07	9.05E-08	3.82E-03	8.02E-05	6.22E-01	2.63E-01	3.77E+01	2.38E-04	3.77E+01	3.85E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MNU106P	8.42E-03	1.12E+00	-7.01E-03	1.13E+00	6.26E-07	0.00E+00	6.82E+02	5.75E-05	9.01E-04	9.62E-03	9.99E-04	2.19E+00	2.17E-08	5.67E-08	4.65E+00	1.55E-01	1.35E-03	6.17E-02	1.26E-02	2.15E-01	3.82E+01	1.06E+00	1.20E-07	5.60E-08	3.77E-03	7.52E-05	3.57E-01	2.60E-01	3.95E+01	1.75E-04	3.95E+01	3.99E+01	6.72E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
MNU110P	8.40E-03	1.12E+00	-8.78E-03	1.13E+00	6.51E-07	0.00E+00	6.68E+02	4.50E-05	8.99E-04	9.56E-03	9.65E-04	1.98E+00	1.85E-08	5.06E-08	4.10E+00	1.06E-01	1.31E-03	6.17E-02	1.25E-02	2.10E-01	3.83E+01	1.06E+00	1.06E-07	5.45E-08	3.77E-03	7.44E-05	3.38E-01	2.60E-01	3.91E+01	1.97E-04	3.91E+01	3.95E+01	6.71E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MNU116P	9.20E-03	1.12E+00	-4.18E-03	1.13E+00	6.61E-07	0.00E+00	7.04E+02	9.78E-05	8.91E-04	9.55E-03	9.36E-04	3.27E+00	2.15E-08	8.06E-08	5.87E+00	2.08E-01	1.30E-03	6.20E-02	1.43E-02	2.12E-01	3.71E+01	1.06E+00	1.19E-07	6.00E-08	3.84E-03	7.74E-05	4.99E-01	2.36E-01	3.82E+01	2.15E-04	3.82E+01	3.88E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MNU120P	9.35E-03	1.12E+00	-4.65E-03	1.13E+00	6.60E-07	0.00E+00	7.04E+02	9.08E-05	8.91E-04	9.56E-03	9.99E-04	2.85E+00	2.11E-08	7.72E-08	5.24E+00	1.93E-01	1.35E-03	6.19E-02	1.41E-02	2.18E-01	3.69E+01	1.07E+00	1.21E-07	6.17E-08	3.86E-03	7.89E-05	5.09E-01	2.49E-01	3.82E+01	2.18E-04	3.82E+01	3.86E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
MNU125P	1.35E-02	1.13E+00	-3.00E-03	1.14E+00	6.46E-07	0.00E+00	7.03E+02	1.43E-04	9.10E-04	9.74E-03	1.00E-03	6.01E+00	2.49E-08	1.32E-07	1.29E+01	3.55E-01	1.36E-03	6.22E-02	1.74E-02	2.17E-01	3.67E+01	1.06E+00	1.31E-07	8.90E-08	3.87E-03	7.89E-05	5.77E-01	2.61E-01	3.80E+01	2.42E-04	3.80E+01	3.86E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
MNU132P	1.39E-02	1.12E+00	-3.11E-03	1.13E+00	6.63E-07	0.00E+00	6.94E+02	1.46E-04	9.07E-04	9.76E-03	1.02E-03	6.09E+00	2.49E-08	1.37E-07	1.31E+01	3.58E-01	1.37E-03	6.21E-02	1.75E-02	2.20E-01	3.63E+01	1.06E+00	1.22E-07	9.07E-08	3.88E-03	8.03E-05	6.28E-01	2.61E-01	3.79E+01	2.55E-04	3.79E+01	3.83E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	7.97E-01
MNU140P	1.39E-02	1.13E+00	-3.15E-03	1.13E+00	6.51E-07	0.00E+00	7.03E+02	1.59E-04	9.12E-04	9.79E-03	1.02E-03	6.22E+00	2.48E-08	1.38E-07	1.32E+01	3.90E-01	1.37E-03	6.22E-02	1.74E-02	2.19E-01	3.65E+01	1.07E+00	1.31E-07	9.03E-08	3.87E-03	7.89E-05	6.28E-01	2.61E-01	3.80E+01	2.32E-04	3.80E+01	3.86E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	8.00E-01
MNU216K	1.66E-02	2.19E+00	-2.04E-02	2.23E+00	6.85E-07	0.00E+00	1.52E+03	1.08E-04	1.93E-03	2.07E-02	1.88E-03	2.83E+00	2.43E-08	9.01E-08	5.44E+00	2.13E-01	2.50E-03	8.69E-02	2.07E-02	3.69E-01	7.01E+01	2.12E+00	2.65E-07	1.15E-07	6.49E-03	1.30E-04	7.82E-01	4.95E-01	7.09E+01	5.75E-04	7.08E+01	7.18E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MNU220K	1.09E-02	8.69E-01	-4.04E-03	9.14E-01	5.50E-07	0.00E+00	1.10E+03	1.48E-04	6.00E-04	6.71E-03	1.05E-03	4.07E+00	1.87E-07	1.06E-07	8.42E+00	3.27E-01	1.07E-03	4.33E-02	1.89E-02	8.65E-02	2.60E+01	1.18E+00	1.51E-07	7.09E-08	2.15E-03	2.62E-05	5.04E-01	2.07E-01	2.61E+01	5.22E-04	2.61E+01	2.65E+01	5.60E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-01
MNU225K	1.10E-02	9.13E-01	-3.78E-03	9.85E-01	5.66E-07	0.00E+00	1.09E+03	2.03E-04	6.04E-04	6.88E-03	1.06E-03	6.82E+00	2.75E-07	1.87E-07	1.50E+01	4.49E-01	1.07E-03	4.30E-02	2.35E-02	8.74E-02	2.59E+01	1.29E+00	1.52E-07	7.15E-08	2.17E-03	2.71E-05	6.18E-01	2.11E-01	2.61E+01	2.03E-04	2.61E+01	2.59E+01	5.72E-01	0.00E+00	0.00E+00	0.00E+00	9.87E-01
MNU232K	1.10E-02	9.17E-01	-4.18E-03	9.90E-01	6.05E-07	0.00E+00	1.03E+03	2.05E-04	6.00E-04	6.85E-03	1.06E-03	6.88E+00	2.94E-07	1.93E-07	1.51E+01	4.63E-01	1.07E-03	4.30E-02	2.34E-02	8.73E-02	2.59E+01	1.30E+00	1.52E-07	7.15E-08	2.17E-03	2.71E-05	6.37E-01	2.11E-01	2.61E+01	2.06E-04	2.61E+01	2.59E+01	5.71E-01	0.00E+00	0.00E+00	0.00E+00	9.91E-01
MNU240K	2.45E-02	2.54E+00	-1.12E-02	2.53E+00	9.74E-07	0.00E+00	1.45E+03	2.43E-04	1.81E-03	1.93E-02	2.13E-03	7.21E+00	3.33E-07	2.37E-07	1.58E+01	5.47E-01	2.81E-03	8.70E-02	4.53E-02	4.49E-01	7.01E+01	2.61E+00	4.15E-07	1.50E-07	7.41E-03	1.52E-04	1.09E+00	4.78E-01	7.19E+01	4.60E-03	7.19E+01	7.21E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MNU250K	2.64E-02	2.54E+00	-4.30E-03	2.55E+00	1.58E-06	0.00E+00	1.48E+03	2.33E-04	1.90E-03	2.02E-02	2.24E-03	8.50E+00	2.33E-08	2.64E-07	1.77E+01	5.14E-01	2.96E-03	8.60E-02	5.08E-02	4.47E-01	6.92E+01	2.58E+00	3.26E-07	1.67E-07	7.68E-03	1.69E-04	1.06E+00	4.82E-01	7.07E+01	4.49E-03	7.07E+01	7.06E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MNU263K	1.87E-02	9.26E-01	-8.72E-04	9.95E-01	1.05E-06	0.00E+00	9.89E+02	2.35E-04	5.96E-04	6.87E-03	1.05E-03	1.11E+01	2.11E-08	2.69E-07	1.99E+01	4.86E-01	1.07E-03	4.36E-02	2.96E-02	8.67E-02	2.63E+01	1.32E+00	1.88E-07	1.02E-07	2.22E-03	2.64E-05	1.13E+00	2.11E-01	2.66E+01	4.16E-03	2.66E+01	2.59E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MP120E	1.18E-02	1.08E+00	-2.45E-03	1.11E+00	9.68E-08	0.00E+00	6.56E+02	1.09E-04	8.16E-04	9.11E-03	8.63E-04	4.77E+00	2.31E-08	1.13E-07	8.73E+00	2.90E-01	1.38E-03	6.35E-02	1.53E-02	1.78E-01	3.61E+01	1.03E+00	1.32E-07	7.24E-08	4.29E-03	6.41E-05	5.45E-01	2.17E-01	3.70E+01	2.56E-04	3.70E+01	3.83E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	6.52E-01
MP215P	1.79E-02	1.68E+00	-2.39E-04	1.68E+00	1.38E-07	0.00E+00	6.66E+02	1.77E-04	1.19E-03	1.28E-02	1.77E-03	4.60E+00	3.04E-07	1.16E-07	8.83E+00	4.78E-01	2.73E-03	9.65E-02	2.73E-02	3.30E-01	6.29E+01	1.43E+00	2.87E-07	1.14E-07	5.17E-03	1.25E-04	6.14E-01	2.38E-01	6.55E+01	3.56E-03	6.51E+01	6.65E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-01
MP220P	1.79E-02	1.68E+00	-2.39E-04	1.68E+00	1.53E-07	0.00E+00	6.66E+02	1.88E-04	1.20E-03	1.29E-02	1.77E-03	4.76E+00	3.04E-07	1.19E-07	9.57E+00	5.18E-01	2.75E-03	9.89E-02	2.57E-02	3.27E-01	6.24E+01	1.42E+00	2.87E-07	1.14E-07	5.17E-03	1.25E-04	6.09E-01	2.38E-01	6.47E+01	3.56E-03	6.43E+01	6.58E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
MP225P	1.81E-02	1.68E+00	-2.28E-05	1.68E+00	1.80E-07	0.00E+00	6.72E+02	2.59E-04	1.21E-03	1.28E-02	1.89E-03	6.62E+00	3.04E-07	1.69E-07	1.40E+01	6.79E-01	2.75E-03	9.87E-02	2.62E-02	3.27E-01	6.22E+01	1.40E+00	2.86E-07	1.15E-07	5.15E-03	1.26E-04	6.55E-01	2.38E-01	6.43E+01	3.57E-03	6.40E+01	6.52E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MR106	8.37E-03	1.09E+00	-8.05E-03	1.10E+00	1.61E-07	0.00E+00	7.27E+02	4.72E-05	7.44E-04	8.24E-03	9.90E-04	2.07E+00	5.14E-08	6.72E-08	4.39E+00	1.18E-01	1.37E-03	4.53E-02	1.17E-02	1.97E-01	3.82E+01	1.30E+00	1.59E-07	5.52E-08	3.77E-03	5.93E-05	3.90E-01	2.23E-01	3.91E+01	2.01E-04	3.91E+01	3.94E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
MR110	7.66E-03	1.13E+00	-8.68E-03	1.14E+00	1.79E-07	0.00E+00	6.90E+02	3.93E-05	9.27E-04	1.03E-02	9.56E-04	1.78E+00	4.01E-08	4.30E-08	3.90E+00	7.98E-02	1.23E-03	4.52E-02	1.10E-02	1.48E-01	3.74E+01	1.22E+00	1.53E-07	5.11E-08	2.93E-03	5.61E-05	2.81E-01	2.30E-01	3.83E+01	1.36E-04	3.83E+01	3.89E+01	4.98E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-01
MR116	8.00E-03	1.16E+00	-8.99E-03	1.15E+00	2.08E-07	0.00E+00	6.90E+02	3.92E-05	9.76E-04	1.07E-02	9.29E-04	1.91E+00	6.58E-08	5.26E-08	4.04E+00	8.24E-02	1.28E-03	4.69E-02	1.11E-02	1.90E-01	3.75E+01	1.22E+00	1.53E-07	5.45E-08	3.59E-03	5.82E-05	3.09E-01	2.61E-01	3.83E+01	1.45E-04	3.83E+01	3.89E+01	6.26E-01	0.00E+00	0.00E+00	0.00E+00	4.52E-01
MR120	8.19E-03	1.17E+00	-9.10E-03	1.16E+00	3.04E-07	0.00E+00	6.91E+02	4.39E-05	9.47E-04	1.04E-02	9.38E-04	1.97E+00	1.76E-07	5.72E-08	4.09E+00	1.13E-01	1.29E-03	4.67E-02	1.14E-02	1.95E-01	3.74E+01	1.21E+00	1.62E-07	5.46E-08	3.64E-03	6.02E-05	3.27E-01	2.62E-01	3.81E+01	1.51E-04	3.81E+01	3.87E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
MR125	8.18E-03	1.17E+00	-7.71E-03	1.20E+00	2.65E-07	0.00E+00	7.21E+02	4.52E-05	7.09E-04	8.04E-03	9.30E-04	1.95E+00	1.79E-07	6.20E-08	4.17E+00	1.24E-01	1.29E-03	4.49E-02	1.21E-02	1.79E-01	3.78E+01	1.27E+00	1.65E-07	5.59E-08	3.67E-03	6.10E-05	3.88E-01	2.21E-01	3.82E+01	1.72E-04	3.82E+01	3.88E+01	6.32E-01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MR132	1.14E-02	1.27E+00	-4.28E-03	1.28E+00	3.01E-07	0.00E+00	7.29E+02	1.05E-04	9.50E-04	1.03E-02	1.05E-03	3.11E+00	1.89E-07	1.08E-07	6.17E+00	2.76E-01	1.46E-03	4.69E-02	2.53E-02	2.29E-01	3.63E+01	1.34E+00	1.85E-07	7.16E-08	3.73E-03	6.90E-05	5.06E-01	2.52E-01	3.71E+01	1.67E-04	3.70E+01	3.72E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MR202	1.79E-02	1.81E+00	-3.46E-02	1.85E+00	9.96E-07	0.00E+00	1.72E+03	6.35E-05	1.48E-03	1.63E-02	1.60E-03	3.89E+00	2.98E-08	1.17E-07	5.76E+00	1.19E-01	2.76E-03	1.04E-01	2.82E-02	3.64E-01	6.32E+01	2.18E+00	3.39E-07	1.17E-07	5.63E-03	1.26E-04	7.34E-01	6.38E-01	6.62E+01	2.83E-04	6.61E+01	6.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MR210	1.13E-02	1.90E+00	-8.48E-03	1.99E+00	5.72E-07	0.00E+00	1.14E+03	9.51E-05	1.32E-03	1.39E-02	1.77E-03	3.63E+00	4.81E-08	9.73E-08	7.30E+00	1.88E-01	2.32E-03	8.69E-02	1.62E-02	3.05E-01	6.94E+01	1.51E+00	2.61E-07	8.31E-08	5.37E-03	1.26E-04	5.72E-01	2.64E-01	7.10E+01	2.45E-04	7.05E+01	7.12E+01	8.49E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MR216	1.32E-02	1.90E+00	-5.38E-03	2.00E+00	5.73E-07	0.00E+00	1.14E+03	1.34E-04	1.32E-03	1.40E-02	1.79E-03	3.70E+00	8.96E-08	9.70E-08	7.08E+00	2.81E-01	2.35E-03	8.72E-02	1.76E-02	3.07E-01	6.94E+01	1.51E+00	2.62E-07	9.16E-08	5.41E-03	1.27E-04	6.11E-01	2.46E-01	7.09E+01	2.77E-04	7.04E+01	7.10E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
MR220	1.37E-02	1.99E+00	-4.80E-03	2.07E+00	6.91E-07	0.00E+00	1.15E+03	1.54E-04	1.32E-03	1.39E-02	1.82E-03	4.20E+00	2.43E-07	1.13E-07	8.86E+00	3.54E-01	2.42E-03	8.72E-02	2.07E-02	3.10E-01	6.99E+01	1.52E+00	2.62E-07	9.67E-08	5.44E-03	1.28E-04	6.14E-01	2.47E-01	7.12E+01	2.76E-04	7.07E+01	7.12E+01	8.65E-01	0.00E+00	0.00E+00	0.00E+00	9.19E-01
MR232	2.38E-02	2.53E+00	-1.25E-02	2.51E+00	1.04E-06	0.00E+00	1.44E+03	2.06E-04	1.82E-03	1.93E-02	2.15E-03	6.98E+00	3.04E-07	2.28E-07	1.54E+01	4.61E-01	2.83E-03	8.71E-02	3.97E-02	4.32E-01	7.00E+01	2.57E+00	3.12E-07	1.45E-07	7.43E-03	1.51E-04	1.00E+00	4.77E-01	7.17E+01	4.54E-03	7.18E+01	7.20E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MR240	2.45E-02	2.53E+00	-1.29E-02	2.53E+00	1.11E-06	0.00E+00	1.45E+03	2.43E-04	1.83E-03	1.95E-02	2.15E-03	7.19E+00	3.22E-07	2.41E-07	1.59E+01	5.16E-01	2.83E-03	8.72E-02	4.51E-02	4.48E-01	7.05E+01	2.59E+00	4.15E-07	1.49E-07	7.41E-03	1.52E-04	1.08E+00	4.98E-01	7.15E+01	4.56E-03	7.19E+01	7.22E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
MR263	3.14E-02	2.55E+00	-1.14E-03	2.55E+00	1.52E-06	0.00E+00	1.45E+03	2.36E-04	1.90E-03	2.01E-02	2.25E-03	1.17E+01	2.36E-08	3.10E-07	2.09E+01	5.08E-01	2.97E-03	8.68E-02	5.36E-02	4.56E-01	6.94E+01	2.59E+00	4.47E-07	1.88E-07	7.86E-03	1.70E-04	1.32E+00	5.00E-01	7.03E+01	4.53E-03	7.07E+01	7.08E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+00
MR310	1.99E-02	2.41E+00	-7.34E-03	2.41E+00	1.20E-06	0.00E+00	1.09E+03	1.68E-04	1.36E-03	1.43E-02	2.64E-03	6.68E+00	5.86E-08	1.66E-07	1.49E+01	3.76E-01	3.60E-03	1.17E-01	2.58E-02	3.87E-01	1.02E+02	2.92E+00	4.03E-07	1.24E-07	7.01E-03	1.65E-04	8.99E-01	4.63E-01	1.05E+02	3.29E-04	1.05E+02	1.07E+02	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MR316	2.11E-02	2.42E+00	-7.39E-03	2.42E+00	1.22E-06	0.00E+00	9.94E+02	1.82E-04	1.38E-03	1.45E-02	2.65E-03	7.03E+00	1.48E-07	1.91E-07	1.52E+01	4.02E-01	3.61E-03	1.18E-01	2.94E-02	4.14E-01	1.02E+02	2.92E+00	4.04E-07	1.33E-07	7.06E-03	1.66E-04	9.33E-01	4.93E-01	1.05E+02	3.50E-04	1.05E+02	1.07E+02	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MR320	2.25E-02	2.46E+00	-6.22E-03	2.45E+00	1.18E-06	0.00E+00	9.93E+02	2.11E-04	1.41E-03	1.49E-02	2.66E-03	7.27E+00	3.68E-07	2.06E-07	1.58E+01	4.46E-01	3.63E-03	1.18E-01	3.20E-02	4.24E-01	1.02E+02	2.90E+00	4.13E-07	1.41E-07	7.26E-03	1.67E-04	1.02E+00	4.57E-01	1.04E+02	4.00E-04	1.04E+02	1.06E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
MR325	2.82E-02	2.56E+00	-1.85E-02	2.54E+00	1.47E-06	0.00E+00	1.62E+03	2.34E-04	2.44E-03	2.50E-02	2.94E-03	7.72E+00	4.28E-07	2.60E-07	1.67E+01	4.63E-01	3.98E-03	1.25E-01	4.21E-02	6.16E-01	9.21E+01	2.70E+00	4.34E-07	1.87E-07	9.84E-03	1.94E-04	1.10E+00	6.77E-01	9.47E+01	6.28E-03	9.47E+01	9.63E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MR332	3.56E-02	2.52E+00	-4.26E-03	2.49E+00	1.39E-06	0.00E+00	9.78E+02	3.74E-04	2.30E-03	2.32E-02	2.99E-03	1.04E+01	4.21E-07	3.30E-07	2.22E+01	9.29E-01	4.05E-03	1.23E-01	6.24E-02	6.75E-01	9.28E+01	2.82E+00	5.16E-07	2.25E-07	1.02E-02	2.11E-04	1.36E+00	4.80E-01	9.53E+01	6.23E-03	9.49E+01	9.71E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
MR340	3.66E-02	2.53E+00	-4.45E-03	2.50E+00	1.39E-06	0.00E+00	9.78E+02	3.76E-04	2.32E-03	2.34E-02	2.99E-03	1.03E+01	4.26E-07	3.31E-07	2.23E+01	9.42E-01	4.05E-03	1.21E-01	6.76E-02	6.87E-01	9.28E+01	2.83E+00	5.89E-07	2.29E-07	1.02E-02	2.12E-04	1.39E+00	4.83E-01	9.54E+01	6.25E-03	9.49E+01	9.71E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+00
MS110	6.81E-03	9.74E-01	-8.74E-03	1.01E+00	1.97E-07	0.00E+00	6.90E+02	3.75E-05	6.19E-04	6.81E-03	8.86E-04	1.43E+00	1.56E-08	3.43E-08	3.23E+00	8.73E-02	1.20E-03	4.46E-02	8.85E-03	1.22E-01	3.78E+01	1.20E+00	1.52E-07	4.58E-08	2.24E-03	6.19E-05	2.55E-01	2.09E-01	3.87E+01	2.29E-04	3.87E+01	3.93E+01	4.61E-01	0.00E+00	0.00E+00	0.00E+00	3.87E-01
MS110X	7.44E-03	1.03E+00	-8.74E-03	1.07E+00	1.97E-07	0.00E+00	6.89E+02	3.88E-05	6.29E-04	7.11E-03	8.94E-04	1.71E+00	1.56E-08	3.90E-08	3.72E+00	8.80E-02	1.21E-03	4.55E-02	1.08E-02	1.24E-01	3.78E+01	1.21E+00	1.52E-07	4.93E-08	2.60E-03	6.21E-05	2.68E-01	2.11E-01	3.87E+01	2.31E-04	3.87E+01	3.93E+01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-01
MS116X	7.84E-03	1.10E+00	-9.03E-03	1.11E+00	2.00E-07	0.00E+00	6.88E+02	4.07E-05	6.92E-04	7.92E-03	9.29E-04	1.92E+00	1.58E-08	4.58E-08	3.96E+00	9.24E-02	1.28E-03	4.57E-02	1.10E-02	1.68E-01	3.76E+01	1.21E+00	1.53E-07	5.32E-08	3.58E-03	6.48E-05	3.10E-01	2.34E-01	3.86E+01	2.42E-04	3.86E+01	3.90E+01	5.78E-01	0.00E+00	0.00E+00	0.00E+00	4.53E-01
MS120	7.66E-03	1.08E+00	-8.79E-03	1.10E+00	2.97E-07	0.00E+00	6.89E+02	4.23E-05	6.28E-04	7.40E-03	9.11E-04	1.82E+00	1.52E-07	4.12E-08	3.87E+00	1.05E-01	1.22E-03	4.54E-02	1.08E-02	1.31E-01	3.72E+01	1.20E+00	1.60E-07	5.01E-08	2.91E-03	6.44E-05	2.97E-01	2.14E-01	3.80E+01	2.40E-04	3.80E+01	3.86E+01	4.94E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-01
MS120X	7.58E-03	1.04E+00	-8.89E-03	1.08E+00	2.95E-07	0.00E+00	6.88E+02	4.25E-05	6.22E-04	7.29E-03	8.97E-04	1.72E+00	1.52E-07	3.99E-08	3.69E+00	1.04E-01	1.21E-03	4.54E-02	1.07E-02	1.29E-01	3.76E+01	1.20E+00	1.59E-07	4.97E-08	2.85E-03	6.35E-05	2.94E-01	2.12E-01	3.81E+01	2.40E-04	3.81E+01	3.90E+01	4.88E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-01
MS125X	9.02E-03	1.24E+00	-9.02E-03	1.26E+00	2.82E-07	0.00E+00	7.25E+02	5.30E-05	9.82E-04	1.05E-02	9.89E-04	2.12E+00	1.83E-07	7.11E-08	4.36E+00	1.42E-01	1.37E-03	4.70E-02	1.28E-02	2.24E-01	3.80E+01	1.32E+00	1.75E-07	5.90E-08	3.70E-03	6.37E-05	4.03E-01	2.49E-01	3.87E+01	1.58E-04	3.87E+01	3.91E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	5.48E-01
MS132X	1.16E-02	1.18E+00	-3.38E-03	1.22E+00	2.80E-07	0.00E+00	7.26E+02	1.15E-04	7.26E-04	8.22E-03	9.75E-04	3.56E+00	1.87E-07	1.11E-07	6.93E+00	2.89E-01	1.35E-03	4.47E-02	2.50E-02	2.12E-01	3.69E+01	1.32E+00	1.85E-07	6.98E-08	3.77E-03	6.74E-05	5.12E-01	2.22E-01	3.80E+01	1.98E-04	3.80E+01	3.83E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MS140X	1.16E-02	1.18E+00	-3.42E-03	1.22E+00	2.80E-07	0.00E+00	7.26E+02	1.15E-04	7.25E-04	8.23E-03	9.83E-04	3.58E+00	1.88E-07	1.11E-07	6.94E+00	2.90E-01	1.36E-03	4.51E-02	2.52E-02	2.13E-01	3.67E+01	1.33E+00	1.85E-07	7.01E-08	3.78E-03	6.76E-05	5.30E-01	2.23E-01	3.78E+01	2.02E-04	3.78E+01	3.82E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MS216X	1.58E-02	2.20E+00	-1.57E-02	2.22E+00	6.45E-07	0.00E+00	1.47E+03	1.10E-04	1.36E-03	1.47E-02	1.85E-03	2.82E+00	1.84E-07	8.64E-08	5.53E+00	2.36E-01	2.43E-03	8.68E-02	2.18E-02	3.41E-01	6.97E+01	1.80E+00	2.63E-07	1.06E-07	5.19E-03	1.33E-04	6.88E-01	4.66E-01	7.18E+01	5.73E-04	7.17E+01	7.38E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MS220X	1.40E-02	1.99E+00	-6.20E-03	2.07E+00	7.44E-07	0.00E+00	1.14E+03	1.48E-04	1.34E-03	1.43E-02	1.80E-03	3.73E+00	2.62E-07	1.07E-07	7.83E+00	3.47E-01	2.39E-03	8.71E-02	2.07E-02	3.17E-01	6.98E+01	1.53E+00	2.61E-07	9.97E-08	4.97E-03	1.32E-04	6.10E-01	2.72E-01	7.18E+01	5.66E-04	7.14E+01	7.30E+01	8.76E-01	0.00E+00	0.00E+00	0.00E+00	9.24E-01
MS232	2.38E-02	2.53E+00	-1.72E-02	2.51E+00	1.25E-06	0.00E+00	1.46E+03	2.05E-04	1.82E-03	1.93E-02	2.14E-03	7.21E+00	3.21E-07	2.32E-07	1.57E+01	4.47E-01	2.83E-03	8.96E-02	3.96E-02	4.33E-01	7.04E+01	2.57E+00	3.17E-07	1.44E-07	7.43E-03	1.52E-04	1.00E+00	5.44E-01	7.15E+01	4.54E-03	7.19E+01	7.21E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MS240	2.45E-02	2.54E+00	-1.19E-02	2.53E+00	1.09E-06	0.00E+00	1.45E+03	2.43E-04	1.83E-03	1.95E-02	2.15E-03	7.21E+00	3.22E-07	2.41E-07	1.59E+01	5.27E-01	2.83E-03	8.72E-02	4.51E-02	4.48E-01	7.01E+01	2.60E+00	4.15E-07	1.49E-07	7.41E-03	1.52E-04	1.08E+00	4.83E-01	7.16E+01	4.56E-03	7.17E+01	7.20E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
MS263	3.14E-02	2.55E+00	-5.48E-04	2.55E+00	1.52E-06	0.00E+00	1.45E+03	2.35E-04	1.90E-03	2.01E-02	2.24E-03	1.18E+01	2.36E-08	3.10E-07	2.09E+01	5.19E-01	2.96E-03	8.69E-02	5.36E-02	4.56E-01	6.90E+01	2.60E+00	4.47E-07	1.88E-07	7.86E-03	1.70E-04	1.32E+00	4.90E-01	7.04E+01	4.53E-03	7.05E+01	7.05E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+00
MS310	1.98E-02	2.41E+00	-5.36E-03	2.42E+00	1.12E-06	0.00E+00	1.08E+03	1.78E-04	1.36E-03	1.40E-02	2.64E-03	7.31E+00	1.78E-07	1.74E-07	1.53E+01	4.20E-01	3.60E-03	1.17E-01	2.55E-02	3.83E-01	1.02E+02	2.87E+00	4.46E-07	1.30E-07	7.00E-03	1.70E-04	9.07E-01	4.44E-01	1.05E+02	6.42E-04	1.05E+02	1.07E+02	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MS310X	1.99E-02	2.41E+00	-6.91E-03	2.42E+00	1.20E-06	0.00E+00	1.08E+03	1.72E-04	1.40E-03	1.44E-02	2.64E-03	7.34E+00	1.87E-07	1.73E-07	1.52E+01	4.02E-01	3.60E-03	1.17E-01	2.55E-02	3.84E-01	1.03E+02	2.87E+00	4.47E-07	1.31E-07	7.05E-03	1.70E-04	9.19E-01	4.63E-01	1.05E+02	6.18E-04	1.05E+02	1.07E+02	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MS316	2.10E-02	2.43E+00	-6.71E-03	2.43E+00	1.14E-06	0.00E+00	9.93E+02	1.87E-04	1.39E-03	1.46E-02	2.65E-03	7.67E+00	2.47E-07	1.96E-07	1.56E+01	4.37E-01	3.61E-03	1.18E-01	3.32E-02	4.10E-01	1.02E+02	2.88E+00	4.74E-07	1.36E-07	7.07E-03	1.73E-04	9.67E-01	4.61E-01	1.05E+02	6.43E-04	1.05E+02	1.07E+02	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MS316X	2.10E-02	2.43E+00	-7.26E-03	2.43E+00	1.21E-06	0.00E+00	9.93E+02	1.86E-04	1.41E-03	1.47E-02	2.65E-03	7.70E+00	2.62E-07	1.96E-07	1.55E+01	4.33E-01	3.62E-03	1.18E-01	3.35E-02	4.11E-01	1.03E+02	2.90E+00	4.75E-07	1.38E-07	7.13E-03	1.72E-04	9.62E-01	4.65E-01	1.05E+02	6.42E-04	1.05E+02	1.08E+02	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MS320	2.24E-02	2.46E+00	-6.89E-03	2.45E+00	1.07E-06	0.00E+00	9.93E+02	2.19E-04	1.43E-03	1.51E-02	2.66E-03	8.00E+00	3.90E-07	2.11E-07	1.61E+01	4.84E-01	3.63E-03	1.18E-01	3.59E-02	4.24E-01	1.02E+02	2.90E+00	4.62E-07	1.43E-07	7.27E-03	1.74E-04	1.04E+00	4.94E-01	1.04E+02	6.98E-04	1.04E+02	1.07E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MS320X	2.23E-02	2.47E+00	-6.36E-03	2.45E+00	1.14E-06	0.00E+00	9.93E+02	2.17E-04	1.45E-03	1.53E-02	2.66E-03	7.99E+00	4.12E-07	2.12E-07	1.61E+01	4.82E-01	3.63E-03	1.18E-01	3.63E-02	4.23E-01	1.02E+02	2.88E+00	4.64E-07	1.44E-07	7.33E-03	1.74E-04	1.05E+00	4.63E-01	1.05E+02	6.93E-04	1.04E+02	1.07E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MS332	3.56E-02	2.52E+00	-4.28E-03	2.49E+00	1.39E-06	0.00E+00	9.78E+02	3.74E-04	2.30E-03	2.32E-02	2.99E-03	1.04E+01	4.21E-07	3.30E-07	2.24E+01	9.29E-01	4.05E-03	1.23E-01	6.24E-02	6.75E-01	9.27E+01	2.82E+00	5.16E-07	2.25E-07	1.02E-02	2.11E-04	1.36E+00	4.83E-01	9.53E+01	6.23E-03	9.49E+01	9.71E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
MS332X	3.63E-02	2.53E+00	-1.07E-02	2.50E+00	1.45E-06	0.00E+00	1.47E+03	3.75E-04	2.42E-03	2.44E-02	2.99E-03	1.04E+01	4.53E-07	3.31E-07	2.24E+01	9.23E-01	4.05E-03	1.23E-01	6.92E-02	7.01E-01	9.30E+01	2.87E+00	5.33E-07	2.25E-07	1.11E-02	2.11E-04	1.36E+00	5.86E-01	9.56E+01	6.25E-03	9.56E+01	9.73E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
MS340	3.66E-02	2.53E+00	-4.43E-03	2.50E+00	1.39E-06	0.00E+00	9.78E+02	3.76E-04	2.32E-03	2.34E-02	2.99E-03	1.03E+01	4.26E-07	3.31E-07	2.25E+01	9.42E-01	4.05E-03	1.21E-01	6.76E-02	6.88E-01	9.24E+01	2.83E+00	5.89E-07	2.29E-07	1.02E-02	2.12E-04	1.40E+00	4.80E-01	9.50E+01	6.25E-03	9.46E+01	9.70E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+00
MS340X	3.73E-02	2.53E+00	-5.13E-03	2.50E+00	1.46E-06	0.00E+00	9.78E+02	3.77E-04	2.42E-03	2.45E-02	2.99E-03	1.03E+01	4.55E-07	3.32E-07	2.25E+01	9.31E-01	4.05E-03	1.21E-01	7.41E-02	7.15E-01	9.27E+01	2.85E+00	6.04E-07	2.30E-07	1.11E-02	2.12E-04	1.40E+00	5.16E-01	9.54E+01	6.26E-03	9.50E+01	9.72E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+00
MSN106	7.00E-03	9.75E-01	-9.61E-03	9.85E-01	8.78E-07	0.00E+00	7.48E+02	2.91E-05	7.17E-04	7.41E-03	9.50E-04	1.27E+00	7.36E-09	6.73E-08	2.44E+00	5.53E-02	1.29E-03	4.17E-02	8.72E-03	1.32E-01	3.37E+01	1.38E+00	1.26E-07	4.48E-08	2.60E-03	4.78E-05	3.21E-01	2.33E-01	3.51E+01	1.25E-04	3.51E+01	3.56E+01	5.55E-01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MSN106QB	8.44E-03	1.06E+00	-9.42E-03	1.06E+00	1.27E-06	0.00E+00	1.07E+03	4.27E-05	8.04E-04	8.71E-03	9.85E-04	2.16E+00	1.57E-08	6.03E-08	4.74E+00	9.60E-02	1.37E-03	5.67E-02	1.21E-02	2.03E-01	3.67E+01	1.03E+00	2.99E-07	5.73E-08	3.78E-03	6.08E-05	3.72E-01	2.85E-01	3.78E+01	2.48E-04	3.78E+01	3.85E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MSN110	5.00E-03	6.70E-01	-1.12E-02	6.81E-01	8.78E-07	0.00E+00	6.00E+02	2.41E-05	5.75E-04	6.21E-03	8.19E-04	1.10E+00	6.42E-09	2.88E-08	2.14E+00	5.36E-02	1.11E-03	3.03E-02	5.96E-03	9.52E-02	2.17E+01	8.65E-01	7.66E-08	3.19E-08	2.02E-03	2.98E-05	1.75E-01	2.19E-01	2.26E+01	5.69E-05	2.26E+01	2.30E+01	3.94E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MSN110QB	8.44E-03	1.06E+00	-9.42E-03	1.06E+00	1.27E-06	0.00E+00	1.07E+03	4.27E-05	8.04E-04	8.71E-03	9.85E-04	2.16E+00	1.57E-08	6.03E-08	4.74E+00	9.60E-02	1.37E-03	5.67E-02	1.21E-02	2.03E-01	3.67E+01	1.03E+00	2.99E-07	5.73E-08	3.78E-03	6.08E-05	3.72E-01	2.85E-01	3.78E+01	2.48E-04	3.78E+01	3.85E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MSN113	8.58E-03	1.16E+00	-7.68E-03	1.16E+00	9.14E-07	0.00E+00	7.39E+02	5.06E-05	1.05E-03	1.13E-02	9.87E-04	1.99E+00	7.02E-08	6.67E-08	4.25E+00	1.47E-01	1.37E-03	4.18E-02	1.11E-02	2.13E-01	3.75E+01	1.27E+00	1.71E-07	5.59E-08	3.83E-03	6.03E-05	3.72E-01	2.38E-01	3.85E+01	1.90E-04	3.85E+01	3.89E+01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	4.84E-01
MSN116	4.93E-03	6.68E-01	-1.12E-02	6.79E-01	8.78E-07	0.00E+00	6.00E+02	2.41E-05	5.73E-04	6.19E-03	8.17E-04	1.09E+00	6.29E-09	2.86E-08	2.14E+00	5.36E-02	1.11E-03	3.03E-02	5.90E-03	9.28E-02	2.17E+01	8.65E-01	7.63E-08	3.13E-08	2.01E-03	2.96E-05	1.74E-01	2.18E-01	2.26E+01	5.68E-05	2.26E+01	2.30E+01	3.93E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MSN120	5.08E-03	6.71E-01	-1.11E-02	6.82E-01	8.78E-07	0.00E+00	6.00E+02	2.42E-05	5.76E-04	6.22E-03	8.24E-04	1.18E+00	6.39E-09	3.03E-08	2.34E+00	5.39E-02	1.12E-03	3.03E-02	6.06E-03	9.44E-02	2.18E+01	8.65E-01	7.68E-08	3.22E-08	2.03E-03	2.98E-05	1.78E-01	2.19E-01	2.26E+01	5.78E-05	2.26E+01	2.30E+01	3.97E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-01
MSN120QB	8.73E-03	1.03E+00	-8.49E-03	1.03E+00	1.27E-06	0.00E+00	1.07E+03	4.48E-05	7.23E-04	8.01E-03	9.69E-04	2.03E+00	1.60E-08	5.73E-08	4.17E+00	1.13E-01	1.35E-03	5.42E-02	1.20E-02	1.76E-01	3.61E+01	1.03E+00	2.84E-07	5.75E-08	3.92E-03	6.17E-05	4.23E-01	2.40E-01	3.71E+01	2.84E-04	3.71E+01	3.79E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MSN125	9.15E-03	9.83E-01	-6.78E-03	9.89E-01	9.22E-07	0.00E+00	7.48E+02	7.87E-05	7.58E-04	7.93E-03	9.80E-04	2.60E+00	1.58E-07	9.58E-08	5.42E+00	1.62E-01	1.33E-03	4.15E-02	1.16E-02	1.77E-01	3.06E+01	1.38E+00	1.35E-07	5.87E-08	2.84E-03	5.14E-05	4.41E-01	2.36E-01	3.20E+01	1.43E-04	3.20E+01	3.27E+01	6.77E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-01
MSN125QB	8.73E-03	1.03E+00	-8.49E-03	1.03E+00	1.27E-06	0.00E+00	1.07E+03	4.48E-05	7.23E-04	8.01E-03	9.69E-04	2.03E+00	1.60E-08	5.73E-08	4.17E+00	1.13E-01	1.35E-03	5.42E-02	1.20E-02	1.76E-01	3.61E+01	1.03E+00	2.84E-07	5.75E-08	3.92E-03	6.17E-05	4.23E-01	2.40E-01	3.71E+01	2.84E-04	3.71E+01	3.79E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MSN132	1.25E-02	1.30E+00	-4.44E-03	1.31E+00	9.45E-07	0.00E+00	7.52E+02	1.22E-04	9.23E-04	9.78E-03	9.96E-04	3.26E+00	1.58E-07	1.12E-07	6.88E+00	2.92E-01	1.35E-03	4.16E-02	2.56E-02	2.38E-01	3.57E+01	1.38E+00	1.91E-07	7.79E-08	3.77E-03	6.90E-05	5.00E-01	2.38E-01	3.71E+01	1.62E-04	3.71E+01	3.78E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MSN132QB	1.02E-02	1.05E+00	-3.62E-03	1.06E+00	1.30E-06	0.00E+00	1.06E+03	8.66E-05	7.99E-04	8.93E-03	1.06E-03	3.29E+00	1.68E-08	1.05E-07	5.67E+00	1.76E-01	1.47E-03	5.75E-02	1.43E-02	2.04E-01	3.21E+01	1.05E+00	2.91E-07	6.88E-08	3.95E-03	6.74E-05	5.04E-01	2.87E-01	3.31E+01	2.63E-04	3.32E+01	3.49E+01	9.55E-01	0.00E+00	0.00E+00	0.00E+00	6.20E-01
MSN140	1.26E-02	1.30E+00	-4.45E-03	1.31E+00	9.45E-07	0.00E+00	7.52E+02	1.22E-04	9.25E-04	9.80E-03	9.98E-04	3.27E+00	1.59E-07	1.13E-07	6.88E+00	2.92E-01	1.35E-03	4.16E-02	2.58E-02	2.43E-01	3.57E+01	1.38E+00	1.91E-07	7.85E-08	3.78E-03	6.92E-05	5.00E-01	2.38E-01	3.71E+01	1.62E-04	3.71E+01	3.78E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MSN140QB	9.98E-03	1.06E+00	-3.62E-03	1.07E+00	1.30E-06	0.00E+00	1.08E+03	8.93E-05	7.88E-04	8.82E-03	1.04E-03	3.26E+00	1.71E-08	1.05E-07	5.55E+00	1.82E-01	1.44E-03	5.75E-02	1.42E-02	2.01E-01	3.28E+01	1.05E+00	2.92E-07	6.77E-08	3.94E-03	6.64E-05	5.25E-01	2.73E-01	3.38E+01	2.72E-04	3.40E+01	3.60E+01	9.56E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
MSN140R	1.22E-02	1.19E+00	-3.07E-03	1.23E+00	8.89E-07	0.00E+00	7.44E+02	1.21E-04	7.30E-04	8.20E-03	1.02E-03	3.66E+00	1.91E-07	1.15E-07	7.25E+00	3.10E-01	1.41E-03	4.18E-02	2.54E-02	2.19E-01	3.54E+01	1.37E+00	1.90E-07	7.67E-08	3.72E-03	6.99E-05	5.23E-01	2.33E-01	3.68E+01	2.26E-04	3.68E+01	3.75E+01	7.83E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MSN150	1.57E-02	1.36E+00	7.97E-04	1.36E+00	9.21E-07	0.00E+00	7.46E+02	1.11E-04	1.01E-03	1.08E-02	1.06E-03	5.85E+00	9.36E-09	1.52E-07	1.17E+01	3.01E-01	1.44E-03	4.04E-02	2.92E-02	2.69E-01	3.52E+01	1.37E+00	2.35E-07	1.00E-07	4.24E-03	8.63E-05	5.95E-01	2.44E-01	3.66E+01	3.42E-04	3.66E+01	3.74E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MSN163	1.54E-02	1.35E+00	8.67E-04	1.35E+00	9.21E-07	0.00E+00	7.46E+02	1.11E-04	1.01E-03	1.07E-02	1.06E-03	5.88E+00	7.80E-09	1.51E-07	1.18E+01	3.00E-01	1.43E-03	4.04E-02	2.86E-02	2.49E-01	3.52E+01	1.37E+00	2.35E-07	9.85E-08	4.21E-03	8.58E-05	5.96E-01	2.44E-01	3.65E+01	3.43E-04	3.65E+01	3.74E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MSN163R	1.54E-02	1.35E+00	7.07E-04	1.35E+00	9.21E-07	0.00E+00	7.43E+02	1.11E-04	1.00E-03	1.07E-02	1.06E-03	5.88E+00	7.78E-09	1.51E-07	1.18E+01	3.00E-01	1.43E-03	4.04E-02	2.86E-02	2.42E-01	3.51E+01	1.37E+00	2.35E-07	9.84E-08	4.20E-03	8.17E-05	5.92E-01	2.44E-01	3.65E+01	3.43E-04	3.65E+01	3.73E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MSN206	1.41E-02	1.96E+00	-1.92E-02	1.98E+00	1.52E-06	0.00E+00	1.47E+03	5.79E-05	1.44E-03	1.49E-02	1.91E-03	2.54E+00	1.46E-08	1.34E-07	4.91E+00	1.09E-01	2.58E-03	8.33E-02	1.75E-02	2.84E-01	6.78E+01	2.74E+00	2.55E-07	9.08E-08	5.25E-03	1.12E-04	6.70E-01	4.69E-01	7.05E+01	2.54E-04	7.05E+01	7.16E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-01
MSN210	9.96E-03	1.32E+00	-2.18E-02	1.34E+00	1.52E-06	0.00E+00	1.14E+03	4.74E-05	1.13E-03	1.22E-02	1.62E-03	2.20E+00	1.25E-08	5.63E-08	4.30E+00	1.06E-01	2.20E-03	6.06E-02	1.19E-02	2.15E-01	4.33E+01	1.67E+00	1.55E-07	6.40E-08	4.02E-03	8.10E-05	3.45E-01	4.33E-01	4.50E+01	1.19E-04	4.50E+01	4.57E+01	7.78E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MSN216	9.83E-03	1.32E+00	-2.18E-02	1.34E+00	1.52E-06	0.00E+00	1.14E+03	4.74E-05	1.13E-03	1.22E-02	1.62E-03	2.18E+00	1.22E-08	5.60E-08	4.29E+00	1.06E-01	2.20E-03	6.06E-02	1.17E-02	2.10E-01	4.32E+01	1.67E+00	1.55E-07	6.28E-08	4.00E-03	8.06E-05	3.44E-01	4.33E-01	4.49E+01	1.19E-04	4.49E+01	4.57E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	5.05E-01
MSN220	1.97E-02	2.23E+00	-1.35E-02	2.25E+00	1.61E-06	0.00E+00	1.47E+03	1.57E-04	2.30E-03	2.44E-02	1.96E-03	5.20E+00	3.15E-07	1.90E-07	1.09E+01	3.23E-01	2.65E-03	8.30E-02	2.25E-02	3.63E-01	6.52E+01	2.75E+00	2.74E-07	1.31E-07	7.84E-03	1.25E-04	9.19E-01	4.74E-01	6.80E+01	2.91E-04	6.80E+01	6.93E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-01
MSN225	1.84E-02	1.97E+00	-1.36E-02	1.99E+00	1.61E-06	0.00E+00	1.47E+03	1.57E-04	1.52E-03	1.59E-02	1.97E-03	5.21E+00	3.17E-07	1.92E-07	1.09E+01	3.23E-01	2.67E-03	8.30E-02	2.32E-02	3.73E-01	6.16E+01	2.75E+00	2.73E-07	1.18E-07	5.73E-03	1.19E-04	9.09E-01	4.75E-01	6.44E+01	2.91E-04	6.44E+01	6.57E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01

MSN232	2.52E-02	2.61E+00	-8.90E-03	2.62E+00	1.66E-06	0.00E+00	1.47E+03	2.44E-04	1.85E-03	1.96E-02	2.00E-03	6.52E+00	3.16E-07	2.25E-07	1.38E+01	5.82E-01	2.71E-03	8.31E-02	5.12E-02	4.94E-01	7.17E+01	2.75E+00	3.85E-07	1.57E-07	7.59E-03	1.54E-04	1.03E+00	4.78E-01	7.45E+01	3.28E-04	7.45E+01	7.60E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MSN240	2.54E-02	2.64E+00	-8.69E-03	2.65E+00	1.66E-06	0.00E+00	1.47E+03	2.44E-04	1.87E-03	1.98E-02	2.00E-03	6.54E+00	3.17E-07	2.25E-07	1.38E+01	5.82E-01	2.71E-03	8.31E-02	5.15E-02	5.04E-01	7.22E+01	2.76E+00	4.38E-07	1.58E-07	7.64E-03	1.55E-04	1.03E+00	4.78E-01	7.49E+01	2.49E-04	7.49E+01	7.64E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
MSN250	3.15E-02	2.72E+00	1.58E-03	2.72E+00	1.61E-06	0.00E+00	1.46E+03	2.22E-04	2.02E-03	2.16E-02	2.13E-03	1.17E+01	1.86E-08	3.04E-07	2.34E+01	6.01E-01	2.88E-03	8.09E-02	5.83E-02	5.57E-01	7.07E+01	2.74E+00	4.72E-07	2.01E-07	8.52E-03	1.89E-04	1.21E+00	4.91E-01	7.35E+01	6.89E-04	7.35E+01	7.52E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+00
MSN263	3.10E-02	2.72E+00	1.72E-03	2.71E+00	1.61E-06	0.00E+00	1.46E+03	2.22E-04	2.02E-03	2.15E-02	2.12E-03	1.18E+01	1.55E-08	3.02E-07	2.36E+01	5.99E-01	2.87E-03	8.08E-02	5.73E-02	5.17E-01	7.06E+01	2.74E+00	4.72E-07	1.98E-07	8.47E-03	1.88E-04	1.22E+00	4.90E-01	7.34E+01	6.90E-04	7.34E+01	7.51E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
MSN263R	3.09E-02	2.72E+00	1.79E-03	2.72E+00	1.61E-06	0.00E+00	1.49E+03	2.22E-04	2.02E-03	2.15E-02	2.12E-03	1.18E+01	1.56E-08	3.04E-07	2.36E+01	5.99E-01	2.86E-03	8.08E-02	5.74E-02	5.17E-01	7.06E+01	2.77E+00	4.72E-07	1.98E-07	8.46E-03	1.88E-04	1.21E+00	4.89E-01	7.34E+01	6.90E-04	7.34E+01	7.51E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
MSN306	2.10E-02	2.92E+00	-2.88E-02	2.95E+00	2.29E-06	0.00E+00	2.18E+03	8.66E-05	2.14E-03	2.21E-02	2.85E-03	3.81E+00	2.18E-08	2.01E-07	7.37E+00	1.64E-01	3.86E-03	1.25E-01	2.62E-02	4.24E-01	1.01E+02	4.10E+00	3.82E-07	1.35E-07	7.81E-03	1.68E-04	9.84E-01	7.01E-01	1.05E+02	3.83E-04	1.05E+02	1.07E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MSN306QB	2.25E-02	2.84E+00	-2.97E-02	2.88E+00	1.91E-06	0.00E+00	1.95E+03	6.82E-05	1.88E-03	2.05E-02	2.70E-03	3.84E+00	2.39E-08	1.50E-07	7.99E+00	1.45E-01	4.04E-03	1.23E-01	3.71E-02	5.25E-01	1.01E+02	3.49E+00	3.23E-07	1.45E-07	8.15E-03	1.96E-04	7.23E-01	7.21E-01	1.05E+02	3.93E-04	1.05E+02	1.07E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MSN310	1.50E-02	1.98E+00	-3.99E-02	2.02E+00	2.29E-06	0.00E+00	1.70E+03	7.10E-05	1.70E-03	1.84E-02	2.47E-03	3.30E+00	1.95E-08	8.44E-08	6.52E+00	1.60E-01	3.34E-03	9.10E-02	1.79E-02	3.26E-01	6.50E+01	2.48E+00	2.33E-07	9.62E-08	6.03E-03	1.24E-04	5.07E-01	7.41E-01	6.75E+01	1.81E-04	6.75E+01	6.88E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-01
MSN310QB	2.25E-02	2.84E+00	-2.97E-02	2.88E+00	1.91E-06	0.00E+00	1.95E+03	6.82E-05	1.88E-03	2.05E-02	2.70E-03	3.84E+00	2.39E-08	1.50E-07	7.99E+00	1.45E-01	4.04E-03	1.23E-01	3.71E-02	5.25E-01	1.01E+02	3.49E+00	3.23E-07	1.45E-07	8.15E-03	1.96E-04	7.23E-01	7.21E-01	1.05E+02	3.93E-04	1.05E+02	1.07E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
MSN316	1.48E-02	1.97E+00	-3.99E-02	2.01E+00	2.29E-06	0.00E+00	1.70E+03	7.10E-05	1.70E-03	1.83E-02	2.46E-03	3.27E+00	1.91E-08	8.40E-08	6.51E+00	1.60E-01	3.34E-03	9.10E-02	1.76E-02	3.19E-01	6.49E+01	2.48E+00	2.32E-07	9.44E-08	6.01E-03	1.23E-04	5.05E-01	7.41E-01	6.74E+01	1.80E-04	6.74E+01	6.87E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MSN320	2.94E-02	3.33E+00	-2.02E-02	3.35E+00	2.42E-06	0.00E+00	2.18E+03	2.36E-04	3.43E-03	3.64E-02	2.93E-03	7.79E+00	4.72E-07	2.85E-07	1.64E+01	4.85E-01	3.97E-03	1.25E-01	3.37E-02	5.42E-01	9.75E+01	4.10E+00	4.10E-07	1.95E-07	1.17E-02	1.88E-04	1.36E+00	7.09E-01	1.02E+02	4.39E-04	1.02E+02	1.04E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MSN325	2.75E-02	2.94E+00	-2.03E-02	2.96E+00	2.42E-06	0.00E+00	2.18E+03	2.35E-04	2.26E-03	2.37E-02	2.94E-03	7.81E+00	4.75E-07	2.87E-07	1.63E+01	4.85E-01	3.99E-03	1.25E-01	3.48E-02	5.57E-01	9.21E+01	4.10E+00	4.10E-07	1.77E-07	8.53E-03	1.79E-04	1.34E+00	7.11E-01	9.63E+01	4.39E-04	9.63E+01	9.83E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MSN325QB	2.41E-02	2.45E+00	-2.24E-02	2.46E+00	2.06E-06	0.00E+00	1.97E+03	1.28E-04	1.81E-03	1.98E-02	2.76E-03	6.33E+00	2.31E-08	1.78E-07	1.14E+01	2.78E-01	4.17E-03	1.25E-01	4.08E-02	5.31E-01	1.00E+02	2.58E+00	3.51E-07	1.63E-07	8.40E-03	1.91E-04	7.43E-01	7.16E-01	1.04E+02	4.77E-04	1.05E+02	1.06E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MSN332	3.76E-02	3.90E+00	-1.33E-02	3.91E+00	2.49E-06	0.00E+00	2.19E+03	3.65E-04	2.76E-03	2.92E-02	2.99E-03	9.79E+00	4.75E-07	3.37E-07	2.07E+01	8.72E-01	4.05E-03	1.25E-01	7.68E-02	7.39E-01	1.07E+02	4.11E+00	5.78E-07	2.35E-07	1.13E-02	2.32E-04	1.52E+00	7.15E-01	1.11E+02	4.95E-04	1.11E+02	1.14E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+00
MSN332QB	3.15E-02	2.40E+00	-4.20E-03	2.39E+00	1.84E-06	0.00E+00	9.69E+02	2.89E-04	1.73E-03	1.86E-02	2.74E-03	1.06E+01	1.92E-08	3.04E-07	1.82E+01	7.31E-01	4.16E-03	1.22E-01	5.06E-02	5.40E-01	1.01E+02	2.81E+00	3.82E-07	1.88E-07	8.41E-03	1.96E-04	1.19E+00	5.15E-01	1.06E+02	4.50E-04	1.05E+02	1.07E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
MSN332R	3.72E-02	3.75E+00	-3.98E-02	3.76E+00	2.29E-06	0.00E+00	2.23E+03	3.38E-04	2.74E-03	2.94E-02	2.83E-03	1.08E+01	4.76E-07	3.38E-07	2.11E+01	8.34E-01	4.29E-03	1.24E-01	7.26E-02	6.96E-01	1.07E+02	4.06E+00	5.39E-07	2.37E-07	1.13E-02	2.36E-04	1.48E+00	1.47E+00	1.10E+02	4.65E-04	1.11E+02	1.13E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+00
MSN340	3.79E-02	3.94E+00	-1.30E-02	3.95E+00	2.49E-06	0.00E+00	2.20E+03	3.65E-04	2.78E-03	2.95E-02	2.99E-03	9.81E+00	4.76E-07	3.38E-07	2.07E+01	8.72E-01	4.05E-03	1.25E-01	7.73E-02	7.54E-01	1.08E+02	4.12E+00	6.57E-07	2.37E-07	1.14E-02	2.33E-04	1.52E+00	7.16E-01	1.12E+02	3.75E-04	1.12E+02	1.14E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+00
MSN340QB	3.23E-02	2.40E+00	-3.27E-03	2.39E+00	1.84E-06	0.00E+00	9.68E+02	3.01E-04	1.73E-03	1.87E-02	2.72E-03	1.07E+01	1.92E-08	3.10E-07	1.94E+01	7.62E-01	4.12E-03	1.22E-01	5.19E-02	5.61E-01	1.00E+02	2.78E+00	4.99E-07	1.98E-07	8.54E-03	1.96E-04	1.22E+00	4.85E-01	1.05E+02	4.73E-04	1.04E+02	1.06E+02	1.97E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
MSN340R	3.73E-02	2.59E+00	-1.18E-02	2.57E+00	2.30E-06	0.00E+00	2.17E+03	3.71E-04	2.52E-03	2.63E-02	3.16E-03	1.01E+01	4.76E-07	3.33E-07	2.18E+01	9.11E-01	4.29E-03	1.25E-01	7.47E-02	7.16E-01	1.08E+02	2.57E+00	6.27E-07	2.31E-07	1.12E-02	2.17E-04	1.41E+00	7.23E-01	1.12E+02	4.59E-04	1.12E+02	1.13E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+00
MSN350	4.72E-02	4.07E+00	2.44E-03	4.06E+00	2.42E-06	0.00E+00	2.18E+03	3.33E-04	3.02E-03	3.22E-02	3.18E-03	1.75E+01	2.78E-08	4.55E-07	3.51E+01	9.02E-01	4.31E-03	1.21E-01	8.75E-02	8.34E-01	1.06E+02	4.10E+00	7.08E-07	3.01E-07	1.27E-02	2.83E-04	1.81E+00	7.34E-01	1.10E+02	1.04E-03	1.10E+02	1.13E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00
MSN363	4.63E-02	4.06E+00	2.65E-03	4.05E+00	2.42E-06	0.00E+00	2.18E+03	3.32E-04	3.01E-03	3.20E-02	3.17E-03	1.76E+01	2.31E-08	4.53E-07	3.55E+01	8.99E-01	4.29E-03	1.21E-01	8.59E-02	7.73E-01	1.06E+02	4.09E+00	7.08E-07	2.96E-07	1.26E-02	2.82E-04	1.81E+00	7.33E-01	1.10E+02	1.04E-03	1.10E+02	1.12E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+00
MSN363R	4.64E-02	4.08E+00	2.77E-03	4.08E+00	2.42E-06	0.00E+00	2.23E+03	3.33E-04	3.03E-03	3.22E-02	3.17E-03	1.76E+01	2.34E-08	4.56E-07	3.55E+01	8.99E-01	4.29E-03	1.21E-01	8.61E-02	7.77E-01	1.06E+02	4.17E+00	7.09E-07	2.97E-07	1.27E-02	2.82E-04	1.81E+00	7.33E-01	1.10E+02	1.04E-03	1.10E+02	1.13E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
MSN463R	4.82E-02	3.91E+00	6.95E-04	3.88E+00	2.26E-06	0.00E+00	2.19E+03	5.60E-04	2.91E-03	3.11E-02	4.16E-03	2.29E+01	2.65E-08	5.31E-07	4.38E+01	1.50E+00	6.06E-03	1.73E-01	8.55E-02	7.82E-01	1.12E+02	4.13E+00	6.81E-07	3.14E-07	1.13E-02	3.02E-04	2.07E+00	8.76E-01	1.17E+02	1.39E-03	1.17E+02	1.21E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	3.60E+00
MT106A	8.36E-03	1.16E+00	-8.79E-03	1.15E+00	1.80E-07	0.00E+00	7.26E+02	4.40E-05	1.02E-03	1.10E-02	9.76E-04	1.82E+00	5.15E-08	6.71E-08	3.98E+00	1.04E-01	1.35E-03	4.66E-02	1.15E-02	2.08E-01	3.83E+01	1.30E+00	1.61E-07	5.57E-08	3.69E-03	5.98E-05	3.88E-01	2.62E-01	3.92E+01	1.61E-04	3.92E+01	3.96E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	4.86E-01
MT110A	6.00E-03	8.10E-01	-1.14E-02	8.07E-01	7.95E-08	0.00E+00	7.36E+02	2.73E-05	6.75E-04	7.38E-03	8.14E-04	1.06E+00	1.43E-08	3.04E-08	2.11E+00	5.55E-02	1.11E-03	4.29E-02	7.01E-03	1.16E-01	3.60E+01	1.05E+00	1.10E-07	3.89E-08	2.09E-03	5.84E-05	2.16E-01	2.19E-01	3.63E+01	1.06E-04	3.63E+01	3.73E+01	4.12E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-01
MT116A	5.98E-03	8.10E-01	-1.13E-02	8.05E-01	7.30E-08	0.00E+00	7.33E+02	2.78E-05	6.90E-04	7.53E-03	8.14E-04	1.08E+00	3.79E-08	3.06E-08	2.18E+00	5.70E-02	1.11E-03	4.26E-02	6.43E-03	1.15E-01	3.68E+01	1.03E+00	1.10E-07	3.85E-08	2.08E-03	5.80E-05	2.01E-01	2.19E-01	3.76E+01	1.06E-04	3.76E+01	3.81E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
MT120A	6.00E-03	8.23E-01	-1.13E-02	8.11E-01	7.29E-08	0.00E+00	7.32E+02	2.76E-05	7.05E-04	7.61E-03	8.15E-04	1.08E+00	4.01E-08	3.08E-08	2.14E+00	5.53E-02	1.11E-03	4.29E-02	6.83E-03	1.17E-01	3.70E+01	1.04E+00	1.10E-07	3.85E-08	2.08E-03	6.05E-05	2.10E-01	2.44E-01	3.77E+01	1.07E-04	3.77E+01	3.87E+01	4.21E-01	0.00E+00	0.00E+00	0.00E+00	3.02E-01
MT125A	8.57E-03	1.12E+00	-7.67E-03	1.15E+00	3.42E-07	0.00E+00	7.21E+02	4.93E-05	6.56E-04	7.00E-03	9.61E-04	1.93E+00	1.83E-07	6.96E-08	4.11E+00	1.55E-01	1.32E-03	4.45E-02	1.23E-02	2.04E-01	3.72E+01	1.33E+00	1.77E-07	5.65E-08	2.74E-03	6.09E-05	4.12E-01	2.22E-01	3.77E+01	2.02E-04	3.77E+01	3.84E+01	6.60E-01	0.00E+00	0.00E+00	0.00E+00	5.25E-01
MT132A	1.18E-02	1.29E+00	-4.48E-03	1.29E+00	2.99E-07	0.00E+00	7.29E+02	1.06E-04	9.49E-04	1.03E-02	1.03E-03	2.93E+00	1.90E-07	1.07E-07	5.88E+00	2.72E-01	1.43E-03	4.66E-02	2.51E-02	2.30E-01	3.67E+01	1.34E+00	1.87E-07	7.33E-08	3.69E-03	6.93E-05	5.07E-01	2.52E-01	3.77E+01	1.64E-04	3.77E+01	3.78E+01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MT140A	1.18E-02	1.29E+00	-4.44E-03	1.29E+00	2.99E-07	0.00E+00	7.30E+02	1.05E-04	9.48E-04	1.03E-02	1.03E-03	2.92E+00	1.90E-07	1.07E-07	5.87E+00	2.71E-01	1.43E-03	4.66E-02	2.52E-02	2.32E-01	3.63E+01	1.35E+00	1.87E-07	7.33E-08	3.70E-03	6.94E-05	5.14E-01	2.66E-01	3.74E+01	1.68E-04	3.73E+01	3.73E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MT150A	1.25E-02	1.01E+00	4.90E-03	9.71E-01	2.33E-07	0.00E+00	3.87E+02	1.43E-04	8.27E-04	8.74E-03	1.10E-03	4.78E+00	1.37E-08	1.17E-07	1.02E+01	5.04E-01	1.47E-03	5.20E-02	1.77E-02	2.08E-01	3.15E+01	8.81E-01	1.92E-07	8.34E-08	3.03E-03	7.48E-05	4.66E-01	2.64E-01	3.25E+01	2.64E-03	3.24E+01	3.37E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	7.71E-01
MT163A	1.48E-02	1.30E+00	-6.92E-04	1.30E+00	7.05E-07	0.00E+00	7.26E+02	1.39E-04	9.88E-04	1.08E-02	1.11E-03	6.17E+00	1.59E-08	1.52E-07	1.32E+01	3.83E-01	1.50E-03	4.47E-02	2.68E-02	2.41E-01	3.47E+01	1.35E+00	2.22E-07	9.54E-08	3.98E-03	8.14E-05	5.73E-01	2.66E-01	3.58E+01	3.97E-04	3.58E+01	3.61E+01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MT206A	2.16E-02	2.39E+00	-1.86E-02	2.36E+00	4.23E-07	0.00E+00	1.43E+03	5.83E-05	1.86E-03	1.99E-02	1.99E-03	2.27E+00	6.36E-08	8.83E-08	4.69E+00	1.33E-01	2.69E-03	8.48E-02	2.37E-02	4.23E-01	7.08E+01	2.14E+00	3.02E-07	1.33E-07	7.05E-03	1.46E-04	6.60E-01	4.74E-01	7.28E+01	2.34E-04	7.27E+01	7.27E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MT210A	1.46E-02	2.16E+00	-2.13E-02	2.20E+00	5.54E-07	0.00E+00	1.42E+03	6.68E-05	1.90E-03	1.99E-02	1.80E-03	2.57E+00	5.37E-08	8.45E-08	5.28E+00	1.31E-01	2.47E-03	8.58E-02	1.82E-02	3.60E-01	7.04E+01	2.05E+00	2.64E-07	9.93E-08	5.71E-03	1.26E-04	6.70E-01	4.88E-01	7.13E+01	2.08E-04	7.12E+01	7.21E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-01
MT216A	1.32E-02	1.74E+00	-2.36E-02	1.79E+00	2.99E-07	0.00E+00	1.61E+03	5.70E-05	1.39E-03	1.48E-02	1.83E-03	2.71E+00	2.12E-08	7.62E-08	5.42E+00	1.09E-01	2.51E-03	9.67E-02	1.80E-02	2.54E-01	7.12E+01	2.18E+00	2.52E-07	8.10E-08	4.22E-03	1.08E-04	4.23E-01	5.50E-01	7.25E+01	2.26E-04	7.26E+01	7.35E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MT220A	1.92E-02	2.22E+00	-2.02E-02	2.27E+00	6.68E-07	0.00E+00	1.43E+03	1.22E-04	1.86E-03	1.94E-02	1.83E-03	3.22E+00	2.38E-07	1.00E-07	7.16E+00	2.88E-01	2.52E-03	8.58E-02	2.24E-02	4.11E-01	7.07E+01	2.11E+00	2.64E-07	1.20E-07	6.83E-03	1.28E-04	7.58E-01	4.94E-01	7.14E+01	2.22E-04	7.13E+01	7.20E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MT225A	2.20E-02	2.43E+00	-2.70E-03	2.40E+00	5.20E-07	0.00E+00	1.13E+03	1.98E-04	1.35E-03	1.41E-02	1.89E-03	6.57E+00	2.55E-07	1.96E-07	1.45E+01	4.64E-01	2.56E-03	8.52E-02	2.83E-02	4.19E-01	7.10E+01	1.52E+00	2.80E-07	1.32E-07	6.92E-03	1.47E-04	8.92E-01	2.51E-01	7.26E+01	2.96E-04	7.22E+01	7.20E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
MT232A	2.40E-02	2.51E+00	-1.34E-02	2.50E+00	7.83E-07	0.00E+00	1.44E+03	2.04E-04	1.83E-03	1.93E-02	2.07E-03	6.68E+00	2.99E-07	2.15E-07	1.47E+01	5.09E-01	2.83E-03	8.63E-02	3.86E-02	4.61E-01	7.04E+01	2.55E+00	3.11E-07	1.47E-07	7.41E-03	1.51E-04	9.57E-01	4.77E-01	7.28E+01	2.72E-04	7.29E+01	7.43E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MT240A	2.47E-02	2.52E+00	-1.21E-02	2.53E+00	6.74E-07	0.00E+00	1.44E+03	2.36E-04	1.84E-03	1.94E-02	2.08E-03	6.83E+00	3.02E-07	2.28E-07	1.49E+01	5.45E-01	2.81E-03	8.64E-02	4.29E-02	4.67E-01	7.05E+01	2.57E+00	4.13E-07	1.51E-07	7.35E-03	1.52E-04	9.92E-01	4.77E-01	7.22E+01	2.75E-04	7.22E+01	7.22E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MT250A	2.49E-02	1.83E+00	6.79E-03	1.83E+00	7.02E-07	0.00E+00	1.02E+03	2.94E-04	1.49E-03	1.67E-02	2.20E-03	1.06E+01	2.01E-08	2.58E-07	2.25E+01	8.42E-01	2.99E-03	1.00E-01	3.54E-02	4.02E-01	6.21E+01	2.23E+00	3.28E-07	1.59E-07	5.85E-03	1.61E-04	9.36E-01	5.47E-01	6.31E+01	4.38E-03	6.32E+01	6.47E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MT263A	3.13E-02	2.55E+00	-1.91E-03	2.55E+00	1.28E-06	0.00E+00	1.42E+03	2.17E-04	1.92E-03	2.02E-02	2.21E-03	1.16E+01	2.18E-08	3.03E-07	2.02E+01	5.08E-01	3.00E-03	8.71E-02	5.18E-02	4.73E-01	6.97E+01	2.57E+00	4.44E-07	1.91E-07	7.79E-03	1.71E-04	1.23E+00	5.01E-01	7.07E+01	5.39E-04	7.10E+01	7.10E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
MT306A	1.95E-02	3.07E+00	-4.08E-02	3.13E+00	4.32E-07	0.00E+00	2.04E+03	7.40E-05	1.73E-03	1.85E-02	2.79E-03	4.05E+00	3.65E-08	1.05E-07	7.01E+00	1.61E-01	3.64E-03	1.41E-01	2.63E-02	3.61E-01	1.08E+02	3.17E+00	3.69E-07	1.23E-07	6.40E-03	1.64E-04	4.88E-01	9.03E-01	1.10E+02	4.20E-04	1.11E+02	1.12E+02	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MT310A	1.78E-02	3.15E+00	-3.75E-02	3.23E+00	3.81E-07	0.00E+00	2.06E+03	7.68E-05	1.63E-03	1.75E-02	2.72E-03	4.07E+00	3.65E-08	1.04E-07	8.70E+00	1.57E-01	3.68E-03	1.41E-01	2.58E-02	3.57E-01	1.09E+02	3.18E+00	3.73E-07	1.10E-07	6.14E-03	1.62E-04	5.07E-01	8.34E-01	1.11E+02	3.61E-04	1.12E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MT316A	1.97E-02	3.16E+00	-3.57E-02	3.24E+00	3.79E-07	0.00E+00	2.07E+03	7.96E-05	1.72E-03	1.84E-02	2.76E-03	4.11E+00	3.65E-08	1.12E-07	8.84E+00	1.58E-01	3.73E-03	1.42E-01	2.79E-02	3.76E-01	1.09E+02	3.17E+00	3.73E-07	1.25E-07	6.43E-03	1.64E-04	5.07E-01	8.26E-01	1.11E+02	3.62E-04	1.12E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MT320A	2.05E-02	3.18E+00	-3.50E-02	3.25E+00	3.32E-07	0.00E+00	2.09E+03	7.93E-05	1.75E-03	1.86E-02	2.80E-03	4.37E+00	2.39E-08	1.18E-07	9.31E+00	1.58E-01	3.80E-03	1.42E-01	2.83E-02	3.80E-01	1.09E+02	3.20E+00	3.75E-07	1.28E-07	6.57E-03	1.66E-04	5.13E-01	7.56E-01	1.11E+02	3.76E-04	1.12E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MT325A	2.14E-02	2.52E+00	-1.50E-02	2.52E+00	2.70E-07	0.00E+00	1.17E+03	7.09E-05	1.52E-03	1.62E-02	2.86E-03	5.42E+00	1.77E-08	1.31E-07	1.14E+01	1.49E-01	3.89E-03	1.42E-01	2.92E-02	3.86E-01	1.08E+02	3.04E+00	3.76E-07	1.35E-07	6.62E-03	1.61E-04	4.53E-01	4.64E-01	1.11E+02	4.00E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MT332A	3.53E-02	3.67E+00	-1.64E-02	3.69E+00	1.13E-06	0.00E+00	2.09E+03	3.61E-04	2.55E-03	2.73E-02	3.12E-03	9.94E+00	4.55E-07	3.31E-07	2.15E+01	8.79E-01	4.23E-03	1.27E-01	6.30E-02	6.67E-01	1.05E+02	3.57E+00	5.16E-07	2.28E-07	1.01E-02	2.24E-04	1.45E+00	7.18E-01	1.09E+02	4.61E-04	1.09E+02	1.11E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.70E+00
MT340A	3.67E-02	3.80E+00	-1.37E-02	3.83E+00	1.00E-06	0.00E+00	2.11E+03	3.64E-04	2.66E-03	2.84E-02	3.12E-03	1.00E+01	4.58E-07	3.33E-07	2.22E+01	8.82E-01	4.24E-03	1.26E-01	6.93E-02	7.16E-01	1.10E+02	3.81E+00	6.25E-07	2.34E-07	1.06E-02	2.27E-04	1.50E+00	7.66E-01	1.12E+02	4.92E-04	1.13E+02	1.14E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
MT350A	3.94E-02	3.53E+00	9.84E-03	3.59E+00	8.15E-07	0.00E+00	1.12E+03	4.33E-04	2.12E-03	2.42E-02	3.32E-03	1.84E+01	3.45E-08	4.18E-07	3.88E+01	1.23E+00	4.49E-03	1.46E-01	5.49E-02	6.39E-01	9.16E+01	2.91E+00	5.92E-07	2.61E-07	9.27E-03	2.57E-04	1.56E+00	8.53E-01	9.39E+01	6.67E-03	9.39E+01	9.59E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MT363A	4.57E-02	3.91E+00	-2.55E-04	3.92E+00	1.23E-06	0.00E+00	2.10E+03	3.52E-04	2.80E-03	3.01E-02	3.32E-03	1.75E+01	2.56E-08	4.41E-07	3.56E+01	9.32E-01	4.49E-03	1.31E-01	8.06E-02	7.47E-01	1.08E+02	3.84E+00	6.78E-07	2.92E-07	1.15E-02	2.77E-04	1.69E+00	7.80E-01	1.11E+02	1.00E-03	1.11E+02	1.14E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
MTN106	5.65E-03	7.93E-01	-9.06E-03	8.02E-01	9.10E-07	0.00E+00	6.60E+02	2.50E-05	4.81E-04	5.17E-03	8.57E-04	1.08E+00	6.87E-09	3.11E-08	2.33E+00	5.29E-02	1.16E-03	4.43E-02	8.34E-03	1.15E-01	3.37E+01	9.18E-01	1.21E-07	3.61E-08	1.91E-03	4.47E-05	1.79E-01	2.03E-01	3.46E+01	9.65E-05	3.46E+01	3.50E+01	3.82E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
MTN110	5.25E-03	7.56E-01	-1.15E-02	7.67E-01	9.10E-07	0.00E+00	6.55E+02	2.49E-05	5.66E-04	6.11E-03	8.13E-04	1.02E+00	6.92E-09	2.86E-08	2.00E+00	5.36E-02	1.10E-03	3.44E-02	6.66E-03	8.54E-02	2.57E+01	9.33E-01	9.42E-08	3.29E-08	2.05E-03	2.48E-05	1.56E-01	2.19E-01	2.67E+01	5.64E-05	2.67E+01	2.70E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-01
MTN116	5.18E-03	7.39E-01	-1.14E-02	7.51E-01	9.10E-07	0.00E+00	6.33E+02	2.42E-05	5.52E-04	5.97E-03	8.06E-04	1.09E+00	6.50E-09	2.89E-08	2.14E+00	5.26E-02	1.09E-03	3.44E-02	6.64E-03	7.70E-02	2.55E+01	8.94E-01	9.46E-08	3.22E-08	2.01E-03	2.39E-05	1.44E-01	2.17E-01	2.64E+01	5.72E-05	2.64E+01	2.67E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MTN120	5.21E-03	7.46E-01	-1.14E-02	7.57E-01	9.10E-07	0.00E+00	6.49E+02	2.45E-05	5.56E-04	6.00E-03	8.14E-04	1.09E+00	6.66E-09	2.91E-08	2.15E+00	5.28E-02	1.10E-03	3.44E-02	6.68E-03	8.01E-02	2.56E+01	9.22E-01	9.48E-08	3.25E-08	2.03E-03	2.50E-05	1.45E-01	2.19E-01	2.65E+01	5.72E-05	2.65E+01	2.69E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MTN125	6.80E-03	8.17E-01	-8.34E-03	8.25E-01	9.16E-07	0.00E+00	6.60E+02	2.57E-05	5.09E-04	5.47E-03	9.84E-04	1.80E+00	1.02E-08	4.47E-08	3.90E+00	5.29E-02	1.24E-03	4.42E-02	9.74E-03	1.25E-01	3.37E+01	9.20E-01	1.26E-07	4.35E-08	2.08E-03	4.70E-05	1.70E-01	2.10E-01	3.48E+01	1.15E-04	3.48E+01	3.51E+01	3.94E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
MTN132	9.50E-03	8.22E-01	-2.40E-03	8.25E-01	9.93E-07	0.00E+00	3.83E+02	1.45E-04	5.75E-04	6.22E-03	1.04E-03	3.49E+00	1.60E-07	9.59E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.63E-01	1.45E-07	5.99E-08	2.52E-03	5.68E-05	3.60E-01	2.22E-01	3.09E+01	1.99E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MTN140	9.50E-03	8.22E-01	-2.40E-03	8.25E-01	9.93E-07	0.00E+00	3.83E+02	1.45E-04	5.75E-04	6.22E-03	1.04E-03	3.48E+00	1.60E-07	9.59E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.63E-01	1.45E-07	5.98E-08	2.52E-03	5.67E-05	3.60E-01	2.22E-01	3.09E+01	1.99E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MTN150	1.27E-02	1.01E+00	4.46E-03	9.78E-01	9.75E-07	0.00E+00	3.75E+02	1.39E-04	8.21E-04	8.75E-03	1.10E-03	4.95E+00	1.35E-08	1.23E-07	1.03E+01	4.36E-01	1.49E-03	5.00E-02	1.75E-02	2.10E-01	3.09E+01	7.45E-01	1.90E-07	8.39E-08	3.01E-03	7.40E-05	4.96E-01	2.59E-01	3.17E+01	2.32E-03	3.17E+01	3.24E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-01
MTN163	1.28E-02	1.01E+00	4.87E-03	9.74E-01	9.78E-07	0.00E+00	3.75E+02	1.63E-04	8.18E-04	8.76E-03	1.11E-03	6.84E+00	1.35E-08	1.43E-07	1.47E+01	4.92E-01	1.50E-03	4.98E-02	1.80E-02	2.13E-01	3.07E+01	7.45E-01	1.90E-07	8.59E-08	3.02E-03	7.54E-05	5.41E-01	2.59E-01	3.16E+01	2.34E-03	3.16E+01	3.23E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
MU102A	9.76E-03	1.23E+00	-8.03E-03	1.24E+00	1.54E-07	0.00E+00	7.29E+02	4.95E-05	1.05E-03	1.15E-02	1.06E-03	2.17E+00	1.68E-08	8.18E-08	4.60E+00	1.20E-01	1.43E-03	4.59E-02	1.23E-02	2.10E-01	3.82E+01	1.32E+00	1.55E-07	6.23E-08	3.84E-03	6.30E-05	4.13E-01	2.43E-01	3.90E+01	1.60E-04	3.90E+01	3.93E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	5.31E-01
MU104A	9.73E-03	1.22E+00	-8.50E-03	1.24E+00	1.68E-07	0.00E+00	7.24E+02	4.90E-05	1.05E-03	1.15E-02	1.06E-03	2.19E+00	1.67E-08	8.15E-08	4.52E+00	1.18E-01	1.43E-03	4.75E-02	1.23E-02	2.19E-01	3.84E+01	1.32E+00	1.55E-07	6.22E-08	3.85E-03	6.83E-05	4.19E-01	2.52E-01	3.92E+01	1.54E-04	3.92E+01	3.95E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
MU106A	8.36E-03	1.17E+00	-9.12E-03	1.14E+00	2.00E-07	0.00E+00	7.27E+02	4.38E-05	1.03E-03	1.11E-02	9.77E-04	1.82E+00	1.57E-08	6.73E-08	3.97E+00	1.03E-01	1.35E-03	4.70E-02	1.15E-02	2.09E-01	3.85E+01	1.28E+00	1.61E-07	5.56E-08	3.71E-03	6.77E-05	3.92E-01	2.62E-01	3.96E+01	2.88E-04	3.96E+01	3.97E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	4.91E-01
MU110A	6.64E-03	9.73E-01	-1.98E-02	9.56E-01	3.59E-07	0.00E+00	1.31E+03	2.69E-05	8.01E-04	8.22E-03	9.78E-04	1.42E+00	1.57E-08	3.49E-08	2.77E+00	5.17E-02	1.26E-03	5.68E-02	9.67E-03	1.24E-01	3.72E+01	1.31E+00	1.25E-07	4.36E-08	2.19E-03	4.27E-05	1.48E-01	4.07E-01	3.82E+01	1.09E-04	3.84E+01	3.88E+01	3.98E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-01
MU116A	6.86E-03	9.80E-01	-2.10E-02	9.61E-01	4.68E-07	0.00E+00	1.32E+03	2.79E-05	8.03E-04	8.28E-03	9.68E-04	1.51E+00	1.76E-08	3.76E-08	3.25E+00	5.44E-02	1.29E-03	5.78E-02	1.01E-02	1.52E-01	3.77E+01	1.31E+00	1.25E-07	4.62E-08	2.26E-03	4.37E-05	1.56E-01	4.23E-01	3.86E+01	1.20E-04	3.88E+01	3.93E+01	4.51E-01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MU120A	7.20E-03	9.77E-01	-1.85E-02	9.60E-01	3.32E-07	0.00E+00	1.05E+03	4.72E-05	7.30E-04	7.60E-03	9.38E-04	1.67E+00	5.37E-08	4.72E-08	4.01E+00	7.71E-02	1.31E-03	6.14E-02	1.05E-02	1.67E-01	3.76E+01	1.16E+00	1.26E-07	4.80E-08	2.34E-03	4.51E-05	1.58E-01	4.00E-01	3.86E+01	1.40E-04	3.88E+01	3.93E+01	4.68E-01	0.00E+00	0.00E+00	0.00E+00	4.55E-01
MU125A	9.77E-03	1.25E+00	-8.57E-03	1.27E+00	2.80E-07	0.00E+00	7.23E+02	5.37E-05	9.88E-04	1.06E-02	1.00E-03	2.16E+00	1.84E-07	7.14E-08	4.41E+00	1.44E-01	1.39E-03	4.68E-02	1.31E-02	2.26E-01	3.82E+01	1.31E+00	1.77E-07	6.09E-08	3.68E-03	6.42E-05	4.15E-01	2.64E-01	3.89E+01	1.58E-04	3.89E+01	3.92E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.58E-01
MU132A	1.18E-02	1.29E+00	-4.54E-03	1.30E+00	2.99E-07	0.00E+00	7.27E+02	1.04E-04	9.50E-04	1.02E-02	1.03E-03	2.91E+00	1.90E-07	1.06E-07	5.80E+00	2.69E-01	1.43E-03	4.66E-02	2.51E-02	2.30E-01	3.67E+01	1.32E+00	1.87E-07	7.33E-08	3.69E-03	6.94E-05	5.12E-01	2.66E-01	3.79E+01	1.62E-04	3.79E+01	3.79E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MU140A	1.18E-02	1.29E+00	-4.41E-03	1.29E+00	2.99E-07	0.00E+00	7.28E+02	1.05E-04	9.50E-04	1.02E-02	1.03E-03	2.98E+00	1.90E-07	1.07E-07	6.07E+00	2.71E-01	1.43E-03	4.70E-02	2.52E-02	2.32E-01	3.64E+01	1.33E+00	1.87E-07	7.33E-08	3.70E-03	6.96E-05	5.14E-01	2.66E-01	3.75E+01	1.66E-04	3.74E+01	3.75E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MU150A	1.41E-02	1.18E+00	4.03E-04	1.21E+00	6.67E-07	0.00E+00	7.24E+02	1.19E-04	7.50E-04	8.64E-03	1.09E-03	4.84E+00	1.68E-08	1.32E-07	8.91E+00	3.17E-01	1.47E-03	4.48E-02	2.65E-02	2.19E-01	3.52E+01	1.35E+00	2.16E-07	9.25E-08	4.03E-03	8.10E-05	5.58E-01	2.43E-01	3.61E+01	3.41E-04	3.61E+01	3.66E+01	8.11E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MU163A	1.48E-02	1.30E+00	-6.92E-04	1.30E+00	7.05E-07	0.00E+00	7.25E+02	1.39E-04	9.88E-04	1.08E-02	1.11E-03	6.17E+00	1.59E-08	1.52E-07	1.32E+01	3.76E-01	1.50E-03	4.67E-02	2.68E-02	2.41E-01	3.48E+01	1.35E+00	2.22E-07	9.54E-08	3.98E-03	8.14E-05	5.73E-01	2.66E-01	3.59E+01	3.81E-04	3.59E+01	3.61E+01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MU202A	2.25E-02	2.44E+00	-2.04E-02	2.40E+00	8.13E-07	0.00E+00	1.37E+03	6.29E-05	1.87E-03	1.97E-02	2.08E-03	2.31E+00	2.23E-08	1.04E-07	4.86E+00	1.56E-01	2.85E-03	8.67E-02	3.04E-02	4.33E-01	7.06E+01	2.14E+00	3.05E-07	1.38E-07	7.29E-03	1.45E-04	6.89E-01	4.97E-01	7.18E+01	2.40E-04	7.21E+01	7.19E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MU206A	1.88E-02	2.30E+00	-9.13E-03	2.27E+00	3.46E-07	0.00E+00	1.16E+03	5.40E-05	1.36E-03	1.43E-02	1.80E-03	2.19E+00	1.78E-08	7.67E-08	4.54E+00	1.33E-01	2.49E-03	8.54E-02	1.92E-02	3.93E-01	7.07E+01	1.51E+00	2.76E-07	1.19E-07	6.56E-03	1.50E-04	6.08E-01	2.50E-01	7.22E+01	3.46E-04	7.17E+01	7.16E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MU210A	1.21E-02	1.64E+00	-1.59E-02	1.65E+00	4.09E-07	0.00E+00	1.36E+03	6.55E-05	1.01E-03	1.07E-02	1.79E-03	3.13E+00	1.19E-08	7.26E-08	6.59E+00	1.37E-01	2.46E-03	9.41E-02	1.67E-02	2.35E-01	7.08E+01	1.69E+00	2.51E-07	7.71E-08	4.11E-03	1.07E-04	3.10E-01	2.44E-01	7.28E+01	2.18E-04	7.23E+01	7.30E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	7.20E-01
MU216A	1.09E-02	1.75E+00	-4.92E-02	1.82E+00	9.80E-07	0.00E+00	1.51E+03	1.09E-04	1.36E-03	1.40E-02	1.58E-03	3.60E+00	5.65E-08	9.65E-08	5.87E+00	2.20E-01	2.25E-03	6.89E-02	2.07E-02	2.11E-01	4.75E+01	2.22E+00	3.17E-07	6.78E-08	4.03E-03	7.11E-05	5.56E-01	9.49E-01	4.92E+01	2.99E-04	4.89E+01	5.14E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-01
MU220A	1.73E-02	2.20E+00	-2.05E-02	2.25E+00	6.32E-07	0.00E+00	1.43E+03	1.21E-04	1.91E-03	2.03E-02	1.81E-03	3.25E+00	1.86E-07	9.84E-08	7.13E+00	2.74E-01	2.50E-03	8.61E-02	2.21E-02	4.02E-01	7.05E+01	2.10E+00	2.65E-07	1.18E-07	6.53E-03	1.28E-04	7.48E-01	4.94E-01	7.09E+01	2.95E-04	7.09E+01	7.16E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MU225A	2.31E-02	2.48E+00	-1.76E-02	2.46E+00	6.33E-07	0.00E+00	1.44E+03	1.97E-04	1.84E-03	1.95E-02	2.04E-03	6.54E+00	2.64E-07	2.03E-07	1.46E+01	4.54E-01	2.75E-03	8.71E-02	3.14E-02	4.42E-01	7.07E+01	2.33E+00	3.04E-07	1.38E-07	7.31E-03	1.48E-04	9.37E-01	4.96E-01	7.16E+01	2.51E-04	7.19E+01	7.21E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MU232A	2.40E-02	2.51E+00	-1.53E-02	2.51E+00	8.62E-07	0.00E+00	1.44E+03	2.01E-04	1.83E-03	1.94E-02	2.08E-03	6.63E+00	2.99E-07	2.15E-07	1.46E+01	4.82E-01	2.83E-03	8.69E-02	3.86E-02	4.61E-01	7.08E+01	2.55E+00	3.13E-07	1.46E-07	7.41E-03	1.51E-04	9.53E-01	4.98E-01	7.27E+01	2.66E-04	7.30E+01	7.45E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MU240A	2.47E-02	2.52E+00	-1.28E-02	2.52E+00	7.99E-07	0.00E+00	1.44E+03	2.35E-04	1.83E-03	1.94E-02	2.07E-03	6.78E+00	3.17E-07	2.28E-07	1.48E+01	5.40E-01	2.83E-03	8.65E-02	4.30E-02	4.69E-01	7.03E+01	2.57E+00	4.15E-07	1.51E-07	7.43E-03	1.52E-04	9.98E-01	4.86E-01	7.27E+01	2.71E-04	7.28E+01	7.44E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MU250A	2.65E-02	2.53E+00	-6.98E-03	2.54E+00	1.29E-06	0.00E+00	1.43E+03	2.10E-04	1.89E-03	2.00E-02	2.19E-03	8.12E+00	2.18E-08	2.51E-07	1.71E+01	4.71E-01	2.96E-03	8.65E-02	4.93E-02	4.64E-01	6.96E+01	2.54E+00	3.28E-07	1.69E-07	7.63E-03	1.70E-04	9.63E-01	5.01E-01	7.07E+01	4.52E-04	7.10E+01	7.10E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MU263A	3.14E-02	2.56E+00	-1.88E-03	2.57E+00	1.26E-06	0.00E+00	1.42E+03	2.18E-04	1.91E-03	2.00E-02	2.17E-03	1.16E+01	2.21E-08	3.05E-07	2.02E+01	5.07E-01	2.97E-03	8.67E-02	5.21E-02	4.78E-01	6.96E+01	2.57E+00	4.47E-07	1.93E-07	7.86E-03	1.71E-04	1.24E+00	5.02E-01	7.16E+01	5.21E-04	7.19E+01	7.34E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.38E+00
MU302A	2.74E-02	3.10E+00	-3.13E-02	3.14E+00	1.37E-06	0.00E+00	2.13E+03	1.17E-04	2.43E-03	2.59E-02	3.16E-03	3.95E+00	2.59E-08	1.74E-07	8.34E+00	2.80E-01	4.28E-03	1.26E-01	4.52E-02	5.89E-01	1.01E+02	3.55E+00	4.52E-07	1.80E-07	9.47E-03	2.13E-04	1.07E+00	7.65E-01	1.04E+02	4.34E-04	1.05E+02	1.07E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MU306A	1.80E-02	3.04E+00	-4.09E-02	3.08E+00	1.37E-06	0.00E+00	2.04E+03	7.32E-05	1.61E-03	1.72E-02	2.78E-03	3.90E+00	3.74E-08	1.04E-07	6.82E+00	1.60E-01	3.64E-03	1.41E-01	2.62E-02	3.57E-01	1.08E+02	3.03E+00	3.69E-07	1.12E-07	6.09E-03	1.59E-04	4.86E-01	9.03E-01	1.10E+02	3.72E-04	1.10E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MU310A	1.95E-02	3.16E+00	-4.06E-02	3.24E+00	3.81E-07	0.00E+00	2.06E+03	7.68E-05	1.74E-03	1.85E-02	2.82E-03	4.15E+00	3.66E-08	1.07E-07	8.86E+00	1.57E-01	3.69E-03	1.41E-01	2.63E-02	3.66E-01	1.09E+02	3.18E+00	3.74E-07	1.24E-07	6.44E-03	1.64E-04	5.05E-01	9.04E-01	1.11E+02	3.97E-04	1.11E+02	1.12E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MU316A	1.97E-02	3.13E+00	-3.57E-02	3.20E+00	1.39E-06	0.00E+00	2.07E+03	7.95E-05	1.71E-03	1.82E-02	2.76E-03	4.05E+00	3.74E-08	1.10E-07	8.79E+00	1.58E-01	3.74E-03	1.42E-01	2.79E-02	3.76E-01	1.09E+02	3.05E+00	3.73E-07	1.24E-07	6.39E-03	1.65E-04	5.08E-01	8.25E-01	1.11E+02	3.36E-04	1.12E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MU320A	2.76E-02	3.18E+00	-3.21E-02	3.21E+00	8.82E-07	0.00E+00	2.05E+03	2.07E-04	2.90E-03	3.24E-02	2.91E-03	6.79E+00	3.40E-07	1.96E-07	1.44E+01	4.28E-01	3.94E-03	1.25E-01	3.75E-02	5.67E-01	1.01E+02	3.47E+00	4.18E-07	1.88E-07	1.05E-02	2.04E-04	1.19E+00	8.41E-01	1.03E+02	4.40E-04	1.04E+02	1.06E+02	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00

MU325A	2.87E-02	3.31E+00	-2.90E-02	3.32E+00	1.12E-06	0.00E+00	2.10E+03	2.31E-04	2.54E-03	2.71E-02	3.07E-03	7.77E+00	4.36E-07	2.50E-07	1.65E+01	4.85E-01	4.17E-03	1.27E-01	4.75E-02	6.02E-01	1.03E+02	3.57E+00	4.56E-07	1.94E-07	9.79E-03	2.11E-04	1.25E+00	7.59E-01	1.04E+02	4.39E-04	1.05E+02	1.08E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MU332A	3.64E-02	3.73E+00	-1.85E-02	3.73E+00	1.13E-06	0.00E+00	2.15E+03	3.62E-04	2.69E-03	2.90E-02	3.17E-03	1.09E+01	4.82E-07	3.46E-07	2.27E+01	8.73E-01	4.30E-03	1.27E-01	6.98E-02	6.85E-01	1.07E+02	3.78E+00	5.44E-07	2.36E-07	1.12E-02	2.33E-04	1.44E+00	7.60E-01	1.10E+02	4.58E-04	1.11E+02	1.12E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00
MU340A	3.85E-02	3.88E+00	-1.40E-02	3.89E+00	1.03E-06	0.00E+00	2.14E+03	3.65E-04	2.80E-03	3.00E-02	3.17E-03	1.13E+01	4.81E-07	3.56E-07	2.37E+01	8.76E-01	4.30E-03	1.26E-01	7.54E-02	7.47E-01	1.10E+02	3.98E+00	6.50E-07	2.51E-07	1.15E-02	2.39E-04	1.51E+00	7.67E-01	1.12E+02	4.93E-04	1.13E+02	1.14E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+00
MU350A	4.56E-02	3.86E+00	-9.77E-04	3.87E+00	1.20E-06	0.00E+00	2.12E+03	3.49E-04	2.78E-03	2.99E-02	3.32E-03	1.74E+01	2.56E-08	4.41E-07	3.50E+01	9.08E-01	4.48E-03	1.31E-01	8.00E-02	7.39E-01	1.09E+02	3.83E+00	6.00E-07	2.89E-07	1.12E-02	2.76E-04	1.63E+00	7.87E-01	1.11E+02	9.62E-04	1.11E+02	1.14E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+00
MU363A	4.59E-02	3.99E+00	2.77E-04	3.98E+00	1.11E-06	0.00E+00	2.12E+03	3.52E-04	2.98E-03	3.18E-02	3.32E-03	1.75E+01	2.60E-08	4.43E-07	3.55E+01	9.25E-01	4.48E-03	1.31E-01	8.56E-02	7.82E-01	1.09E+02	3.98E+00	6.93E-07	2.95E-07	1.25E-02	2.79E-04	1.69E+00	7.80E-01	1.11E+02	1.01E-03	1.12E+02	1.14E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+00
MU406A	2.55E-02	3.20E+00	-5.13E-02	3.24E+00	2.01E-06	0.00E+00	2.36E+03	8.71E-05	2.05E-03	2.22E-02	3.68E-03	4.52E+00	3.78E-08	1.24E-07	8.30E+00	1.92E-01	4.79E-03	1.81E-01	3.47E-02	5.04E-01	1.25E+02	3.57E+00	4.93E-07	1.69E-07	8.16E-03	2.16E-04	6.22E-01	1.26E+00	1.29E+02	5.30E-04	1.28E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MU410A	2.80E-02	3.26E+00	-5.40E-02	3.27E+00	1.06E-06	0.00E+00	2.38E+03	9.87E-05	2.14E-03	2.32E-02	3.78E-03	7.00E+00	3.84E-08	1.52E-07	1.23E+01	2.03E-01	4.99E-03	1.77E-01	3.57E-02	5.00E-01	1.24E+02	3.59E+00	4.97E-07	1.82E-07	9.15E-03	2.16E-04	6.40E-01	1.27E+00	1.28E+02	8.65E-04	1.28E+02	1.32E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MU416A	2.81E-02	3.26E+00	-4.12E-02	3.29E+00	1.95E-06	0.00E+00	2.37E+03	9.84E-05	2.14E-03	2.33E-02	3.80E-03	7.43E+00	3.80E-08	1.55E-07	1.32E+01	2.04E-01	5.01E-03	1.77E-01	3.70E-02	5.07E-01	1.26E+02	3.56E+00	4.97E-07	1.83E-07	9.15E-03	2.22E-04	6.34E-01	9.75E-01	1.29E+02	6.39E-04	1.29E+02	1.33E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MU420A	3.17E-02	3.31E+00	-3.11E-02	3.34E+00	1.76E-06	0.00E+00	2.26E+03	2.18E-04	2.66E-03	2.91E-02	3.76E-03	1.13E+01	3.22E-07	2.38E-07	1.99E+01	4.82E-01	5.19E-03	1.65E-01	4.98E-02	6.12E-01	1.23E+02	3.52E+00	4.91E-07	2.15E-07	1.01E-02	2.53E-04	1.23E+00	9.64E-01	1.26E+02	9.95E-04	1.26E+02	1.31E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00
MU425A	3.83E-02	3.48E+00	-1.93E-02	3.49E+00	1.43E-06	0.00E+00	2.25E+03	4.82E-04	2.64E-03	2.79E-02	4.08E-03	1.39E+01	4.50E-07	3.60E-07	2.55E+01	1.26E+00	5.56E-03	1.80E-01	6.89E-02	6.57E-01	1.18E+02	3.75E+00	5.46E-07	2.40E-07	1.02E-02	2.79E-04	1.47E+00	9.11E-01	1.20E+02	8.61E-04	1.20E+02	1.24E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00
MU432A	4.87E-02	3.60E+00	-6.85E-03	3.65E+00	2.48E-06	0.00E+00	1.60E+03	4.71E-04	2.76E-03	2.85E-02	4.32E-03	1.91E+01	4.39E-08	4.36E-07	3.87E+01	1.35E+00	5.82E-03	1.86E-01	6.39E-02	6.55E-01	1.07E+02	2.83E+00	8.05E-07	2.85E-07	1.20E-02	3.03E-04	1.71E+00	1.05E+00	1.16E+02	5.70E-03	1.17E+02	1.33E+02	2.68E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MU440A	4.98E-02	3.74E+00	1.37E-02	3.77E+00	2.47E-06	0.00E+00	1.35E+03	4.63E-04	2.76E-03	2.87E-02	4.28E-03	1.96E+01	4.55E-08	4.56E-07	4.04E+01	1.35E+00	5.82E-03	1.85E-01	6.68E-02	6.76E-01	1.05E+02	2.82E+00	8.69E-07	2.93E-07	1.20E-02	3.02E-04	1.69E+00	9.88E-01	1.14E+02	5.84E-03	1.14E+02	1.30E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MU450A	5.44E-02	3.81E+00	1.45E-02	3.79E+00	2.46E-06	0.00E+00	1.97E+03	4.84E-04	2.79E-03	2.88E-02	4.33E-03	2.29E+01	4.25E-08	5.18E-07	4.33E+01	1.37E+00	6.21E-03	1.86E-01	7.12E-02	8.19E-01	1.05E+02	2.99E+00	8.05E-07	3.37E-07	1.23E-02	3.13E-04	1.99E+00	9.90E-01	1.14E+02	5.72E-03	1.14E+02	1.30E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MU463A	4.99E-02	3.55E+00	1.23E-02	3.55E+00	2.34E-06	0.00E+00	1.20E+03	5.63E-04	2.58E-03	2.83E-02	4.33E-03	2.35E+01	3.80E-08	5.38E-07	4.76E+01	1.61E+00	6.03E-03	1.92E-01	6.86E-02	8.46E-01	1.09E+02	2.92E+00	7.46E-07	3.25E-07	1.18E-02	3.22E-04	2.04E+00	1.02E+00	1.12E+02	7.32E-03	1.12E+02	1.18E+02	2.97E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MUN106A	5.72E-03	8.23E-01	-9.28E-03	8.33E-01	9.10E-07	0.00E+00	6.66E+02	2.50E-05	4.95E-04	5.32E-03	8.84E-04	1.09E+00	6.92E-09	3.17E-08	2.28E+00	5.28E-02	1.20E-03	4.74E-02	8.55E-03	1.11E-01	3.54E+01	9.31E-01	1.21E-07	3.62E-08	1.97E-03	4.46E-05	1.38E-01	2.06E-01	3.63E+01	9.66E-05	3.63E+01	3.67E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	3.67E-01
MUN110A	4.29E-03	6.58E-01	-9.98E-03	6.68E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.11E-04	4.40E-03	7.93E-04	1.07E+00	6.12E-09	2.86E-08	2.15E+00	5.12E-02	1.07E-03	3.65E-02	6.99E-03	5.82E-02	2.60E+01	8.27E-01	7.88E-08	2.76E-08	1.60E-03	1.93E-05	1.03E-01	1.96E-01	2.68E+01	5.72E-05	2.68E+01	2.71E+01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MUN116A	4.24E-03	6.57E-01	-9.98E-03	6.67E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.10E-04	4.40E-03	7.93E-04	1.07E+00	6.04E-09	2.85E-08	2.14E+00	5.12E-02	1.07E-03	3.65E-02	6.95E-03	5.69E-02	2.60E+01	8.27E-01	7.88E-08	2.74E-08	1.60E-03	1.94E-05	1.03E-01	1.96E-01	2.68E+01	5.72E-05	2.68E+01	2.71E+01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
MUN120A	6.21E-03	8.33E-01	-8.74E-03	8.42E-01	9.10E-07	0.00E+00	6.61E+02	2.49E-05	5.06E-04	5.44E-03	9.10E-04	1.42E+00	7.14E-09	3.77E-08	3.00E+00	5.28E-02	1.23E-03	4.71E-02	9.21E-03	1.19E-01	3.55E+01	9.23E-01	1.24E-07	3.93E-08	2.04E-03	4.61E-05	1.52E-01	2.09E-01	3.65E+01	1.00E-04	3.65E+01	3.68E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MUN125A	6.83E-03	8.47E-01	-8.22E-03	8.55E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.22E-04	5.63E-03	9.37E-04	1.81E+00	7.50E-09	4.50E-08	3.87E+00	5.28E-02	1.27E-03	4.73E-02	9.94E-03	1.24E-01	3.58E+01	9.23E-01	1.27E-07	4.32E-08	2.13E-03	4.72E-05	1.67E-01	2.11E-01	3.67E+01	1.05E-04	3.67E+01	3.71E+01	3.78E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MUN132A	1.13E-02	1.09E+00	-1.73E-03	1.08E+00	1.10E-06	0.00E+00	4.18E+02	1.58E-04	8.36E-04	9.07E-03	1.09E-03	4.87E+00	1.74E-08	1.31E-07	1.04E+01	4.62E-01	1.48E-03	6.54E-02	2.15E-02	1.89E-01	3.12E+01	1.23E+00	2.93E-07	7.26E-08	3.03E-03	7.19E-05	4.85E-01	3.10E-01	3.27E+01	2.05E-03	3.29E+01	3.66E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-01
MUN140A	1.12E-02	1.09E+00	4.37E-03	1.08E+00	1.11E-06	0.00E+00	4.25E+02	1.81E-04	8.35E-04	9.14E-03	1.09E-03	5.70E+00	1.78E-08	1.41E-07	1.19E+01	5.45E-01	1.48E-03	6.58E-02	2.20E-02	1.91E-01	3.08E+01	1.16E+00	2.93E-07	7.56E-08	3.17E-03	7.29E-05	5.09E-01	3.08E-01	3.21E+01	2.18E-03	3.23E+01	3.57E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-01
MUN206A	1.14E-02	1.61E+00	-1.84E-02	1.63E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	9.71E-04	1.04E-02	1.74E-03	2.17E+00	1.35E-08	6.12E-08	4.58E+00	1.04E-01	2.36E-03	9.17E-02	1.68E-02	2.38E-01	6.87E+01	1.81E+00	2.45E-07	7.26E-08	3.90E-03	1.04E-04	2.84E-01	4.10E-01	7.05E+01	2.38E-04	7.05E+01	7.12E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-01
MUN210A	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.56E-03	2.14E+00	1.21E-08	5.57E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.01E+01	1.64E+00	1.60E-07	5.58E-08	3.18E-03	6.01E-05	2.24E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MUN216A	8.57E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.15E+00	1.22E-08	5.59E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.01E+01	1.64E+00	1.60E-07	5.60E-08	3.18E-03	6.03E-05	2.24E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MUN220A	9.65E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.63E-05	8.33E-04	8.96E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.20E-03	7.01E-02	1.50E-02	1.47E-01	5.05E+01	1.64E+00	1.65E-07	6.23E-08	3.33E-03	6.27E-05	2.51E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.28E+01	6.47E-01	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MUN225A	1.36E-02	1.65E+00	-1.66E-02	1.67E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	1.02E-03	1.10E-02	1.85E-03	3.62E+00	1.47E-08	8.75E-08	7.71E+00	1.04E-01	2.50E-03	9.15E-02	1.95E-02	2.57E-01	6.92E+01	1.81E+00	2.55E-07	8.61E-08	4.21E-03	1.09E-04	3.04E-01	4.20E-01	7.11E+01	2.54E-04	7.11E+01	7.18E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MUN232A	1.92E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.91E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.24E+01	1.48E+00	2.93E-07	1.21E-07	5.12E-03	1.31E-04	7.30E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN240A	1.93E-02	1.69E+00	-4.58E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.28E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.33E-01	4.47E-01	6.43E+01	3.91E-03	6.43E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN250A	2.52E-02	1.76E+00	6.87E-03	1.76E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.28E-03	1.41E-02	2.22E-03	1.22E+01	1.44E-08	2.76E-07	2.51E+01	8.99E-01	3.01E-03	9.97E-02	3.49E-02	4.04E-01	6.13E+01	1.47E+00	3.79E-07	1.64E-07	5.89E-03	1.65E-04	1.02E+00	4.58E-01	6.27E+01	4.38E-03	6.27E+01	6.42E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MUN263A	2.56E-02	1.78E+00	7.02E-03	1.77E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.29E-03	1.42E-02	2.23E-03	1.23E+01	1.52E-08	2.79E-07	2.54E+01	8.99E-01	3.02E-03	1.00E-01	3.53E-02	4.31E-01	6.17E+01	1.47E+00	3.80E-07	1.70E-07	5.95E-03	1.66E-04	1.06E+00	4.59E-01	6.31E+01	4.38E-03	6.31E+01	6.47E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MUN306A	1.75E-02	2.99E+00	-5.21E-02	3.07E+00	2.07E-06	0.00E+00	1.97E+03	7.81E-05	1.58E-03	1.70E-02	2.40E-03	4.13E+00	5.22E-08	9.99E-08	7.26E+00	1.61E-01	3.55E-03	1.35E-01	2.58E-02	3.57E-01	1.05E+02	3.14E+00	3.70E-07	1.11E-07	5.89E-03	1.61E-04	5.34E-01	1.52E+00	1.06E+02	3.41E-04	1.07E+02	1.08E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MUN310A	1.70E-02	2.39E+00	-2.71E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.44E-03	1.55E-02	2.60E-03	3.28E+00	1.99E-08	9.19E-08	6.91E+00	1.56E-01	3.52E-03	1.35E-01	2.52E-02	3.71E-01	1.02E+02	2.70E+00	3.69E-07	1.09E-07	5.80E-03	1.61E-04	4.66E-01	6.13E-01	1.05E+02	3.00E-04	1.05E+02	1.06E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MUN316A	1.77E-02	2.41E+00	-2.64E-02	2.44E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.46E-03	1.57E-02	2.63E-03	3.78E+00	2.00E-08	1.01E-07	8.02E+00	1.56E-01	3.57E-03	1.35E-01	2.60E-02	3.72E-01	1.02E+02	2.70E+00	3.72E-07	1.13E-07	5.91E-03	1.63E-04	4.79E-01	6.17E-01	1.05E+02	3.05E-04	1.05E+02	1.06E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MUN320A	1.87E-02	2.42E+00	-2.61E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.49E-03	1.60E-02	2.68E-03	4.38E+00	2.10E-08	1.11E-07	9.25E+00	1.55E-01	3.63E-03	1.35E-01	2.71E-02	3.69E-01	1.02E+02	2.69E+00	3.76E-07	1.19E-07	6.05E-03	1.61E-04	4.20E-01	6.21E-01	1.05E+02	3.92E-04	1.05E+02	1.06E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN325A	2.03E-02	2.46E+00	-2.48E-02	2.48E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.52E-03	1.64E-02	2.75E-03	5.43E+00	2.20E-08	1.31E-07	1.16E+01	1.55E-01	3.72E-03	1.36E-01	2.90E-02	3.85E-01	1.03E+02	2.69E+00	3.82E-07	1.29E-07	6.28E-03	1.63E-04	4.59E-01	6.28E-01	1.06E+02	4.04E-04	1.06E+02	1.07E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MUN332A	2.87E-02	2.48E+00	-7.57E-03	2.49E+00	2.16E-06	0.00E+00	1.07E+03	4.34E-04	1.73E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.86E-07	2.24E+01	1.13E+00	4.27E-03	1.47E-01	4.02E-02	5.03E-01	9.20E+01	2.22E+00	4.39E-07	1.80E-07	7.64E-03	1.93E-04	1.03E+00	6.69E-01	9.42E+01	6.07E-03	9.42E+01	9.59E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MUN340A	3.11E-02	3.35E+00	-3.53E-02	3.44E+00	2.51E-06	0.00E+00	1.14E+03	4.05E-04	2.13E-03	2.33E-02	2.86E-03	1.15E+01	4.90E-07	3.21E-07	2.41E+01	1.07E+00	4.27E-03	1.46E-01	4.17E-02	6.04E-01	9.26E+01	2.93E+00	5.79E-07	2.08E-07	8.46E-03	2.30E-04	1.31E+00	1.48E+00	9.47E+01	6.42E-03	9.47E+01	9.68E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MUN363A	1.81E-02	7.91E-01	-3.65E-03	7.92E-01	3.51E-07	0.00E+00	6.98E+02	2.73E-04	7.50E-04	8.33E-03	7.10E-04	1.07E+01	2.49E-08	3.13E-07	1.73E+01	6.53E-01	1.05E-03	3.50E-02	2.33E-02	7.89E-02	2.49E+01	9.63E-01	1.06E-07	9.28E-08	2.00E-03	2.25E-05	1.14E+00	2.43E-01	2.56E+01	2.39E-04	2.56E+01	2.57E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MUN406A	2.28E-02	3.21E+00	-3.68E-02	3.24E+00	2.41E-06	0.00E+00	2.53E+03	9.84E-05	1.94E-03	2.08E-02	3.48E-03	4.35E+00	2.69E-08	1.22E-07	9.15E+00	2.06E-01	4.70E-03	1.83E-01	3.36E-02	4.75E-01	1.37E+02	3.59E+00	4.90E-07	1.45E-07	7.80E-03	2.09E-04	5.67E-01	8.18E-01	1.41E+02	5.23E-04	1.41E+02	1.42E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN410A	2.27E-02	3.20E+00	-3.68E-02	3.24E+00	2.41E-06	0.00E+00	2.54E+03	9.83E-05	1.93E-03	2.08E-02	3.49E-03	4.37E+00	2.66E-08	1.22E-07	9.10E+00	2.06E-01	4.72E-03	1.82E-01	3.36E-02	4.70E-01	1.37E+02	3.59E+00	4.91E-07	1.44E-07	7.79E-03	2.10E-04	5.20E-01	8.19E-01	1.40E+02	5.23E-04	1.40E+02	1.42E+02	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN416A	2.37E-02	3.23E+00	-3.54E-02	3.27E+00	2.41E-06	0.00E+00	2.52E+03	9.84E-05	1.96E-03	2.11E-02	3.53E-03	5.04E+00	2.66E-08	1.35E-07	1.07E+01	2.06E-01	4.78E-03	1.82E-01	3.49E-02	4.93E-01	1.38E+02	3.58E+00	4.97E-07	1.50E-07	7.93E-03	2.17E-04	6.24E-01	8.24E-01	1.41E+02	4.09E-04	1.41E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MUN420A	2.52E-02	3.28E+00	-3.43E-02	3.32E+00	2.41E-06	0.00E+00	2.53E+03	9.86E-05	2.06E-03	2.22E-02	3.59E-03	5.84E+00	2.79E-08	1.50E-07	1.24E+01	2.06E-01	4.86E-03	1.82E-01	3.65E-02	5.13E-01	1.39E+02	3.59E+00	5.02E-07	1.60E-07	8.30E-03	2.19E-04	6.51E-01	8.30E-01	1.42E+02	4.17E-04	1.42E+02	1.44E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MUN425A	2.72E-02	3.30E+00	-3.31E-02	3.33E+00	2.41E-06	0.00E+00	2.53E+03	9.83E-05	2.04E-03	2.20E-02	3.69E-03	7.24E+00	2.93E-08	1.75E-07	1.54E+01	2.06E-01	4.99E-03	1.83E-01	3.89E-02	5.12E-01	1.38E+02	3.59E+00	5.10E-07	1.72E-07	8.42E-03	2.18E-04	6.07E-01	8.39E-01	1.42E+02	5.54E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MUN432A	3.84E-02	3.34E+00	-9.60E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.96E+00	5.86E-07	2.42E-07	1.03E-02	2.61E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MUN440A	3.85E-02	3.39E+00	-9.17E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MUN450A	5.06E-02	3.55E+00	8.39E-03	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.82E-02	4.58E-03	2.44E+01	2.88E-08	5.51E-07	4.99E+01	1.79E+00	6.21E-03	2.04E-01	6.91E-02	9.12E-01	1.22E+02	2.95E+00	7.54E-07	3.55E-07	1.19E-02	3.02E-04	1.88E+00	9.29E-01	1.25E+02	8.90E-03	1.25E+02	1.28E+02	2.80E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MUN463A	5.13E-02	3.57E+00	8.71E-03	3.56E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.59E-03	2.84E-02	4.61E-03	2.47E+01	3.04E-08	5.57E-07	5.05E+01	1.79E+00	6.24E-03	2.05E-01	7.00E-02	9.65E-01	1.23E+02	2.95E+00	7.56E-07	3.65E-07	1.20E-02	3.03E-04	1.91E+00	9.32E-01	1.26E+02	8.90E-03	1.26E+02	1.29E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MUN506A	1.11E-02	1.60E+00	-1.85E-02	1.62E+00	1.52E-06	0.00E+00	1.28E+03	4.90E-05	9.66E-04	1.04E-02	1.75E-03	2.15E+00	1.24E-08	6.00E-08	4.55E+00	1.03E-01	2.36E-03	9.14E-02	1.64E-02	2.19E-01	6.87E+01	1.81E+00	2.45E-07	7.01E-08	3.87E-03	1.04E-04	2.68E-01	4.10E-01	7.05E+01	2.39E-04	7.05E+01	7.12E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MUN510A	8.59E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.14E+00	1.21E-08	5.57E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.02E+01	1.65E+00	1.25E-07	5.59E-08	3.19E-03	6.02E-05	2.25E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.17E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MUN516A	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.11E-04	8.71E-03	1.57E-03	2.15E+00	1.23E-08	5.59E-08	4.32E+00	1.01E-01	2.13E-03	7.00E-02	1.38E-02	1.46E-01	5.02E+01	1.65E+00	1.25E-07	5.60E-08	3.19E-03	6.04E-05	2.28E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.25E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MUN520A	9.66E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.63E-05	8.34E-04	8.97E-03	1.62E-03	2.94E+00	1.24E-08	7.00E-08	6.08E+00	1.01E-01	2.20E-03	7.01E-02	1.50E-02	1.47E-01	5.06E+01	1.65E+00	1.30E-07	6.24E-08	3.34E-03	6.28E-05	2.54E-01	3.97E-01	5.23E+01	1.28E-04	5.23E+01	5.29E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MUN525A	1.30E-02	1.53E+00	-1.29E-02	1.54E+00	1.57E-06	0.00E+00	1.26E+03	9.94E-05	9.82E-04	1.06E-02	1.73E-03	4.61E+00	1.66E-07	1.07E-07	9.98E+00	2.12E-01	2.35E-03	8.42E-02	1.92E-02	2.53E-01	5.98E+01	1.78E+00	2.55E-07	8.28E-08	3.99E-03	1.10E-04	4.02E-01	3.99E-01	6.15E+01	2.69E-04	6.15E+01	6.23E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	8.26E-01
MUN532A	1.87E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.25E-02	2.11E-03	6.95E+00	3.17E-07	1.89E-07	1.50E+01	7.53E-01	2.85E-03	9.87E-02	2.63E-02	3.20E-01	6.26E+01	1.48E+00	2.93E-07	1.18E-07	5.08E-03	1.30E-04	7.34E-01	4.47E-01	6.41E+01	3.99E-03	6.41E+01	6.53E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MUN540A	1.93E-02	1.69E+00	-4.59E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.37E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN606A	2.42E-02	3.21E+00	-4.57E-02	3.25E+00	2.41E-06	0.00E+00	2.52E+03	9.79E-05	2.04E-03	2.20E-02	3.59E-03	4.86E+00	3.74E-08	1.26E-07	9.21E+00	2.07E-01	4.76E-03	1.82E-01	3.40E-02	5.00E-01	1.37E+02	3.58E+00	4.99E-07	1.58E-07	8.06E-03	2.16E-04	6.13E-01	1.08E+00	1.41E+02	4.74E-04	1.41E+02	1.42E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MUN610A	2.25E-02	3.21E+00	-3.63E-02	3.25E+00	2.41E-06	0.00E+00	2.52E+03	9.82E-05	1.94E-03	2.08E-02	3.49E-03	4.35E+00	2.54E-08	1.22E-07	9.19E+00	2.06E-01	4.72E-03	1.82E-01	3.35E-02	4.74E-01	1.38E+02	3.58E+00	4.92E-07	1.43E-07	7.78E-03	2.14E-04	6.07E-01	8.19E-01	1.41E+02	4.02E-04	1.41E+02	1.43E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN616A	2.34E-02	3.23E+00	-3.54E-02	3.27E+00	2.41E-06	0.00E+00	2.52E+03	9.82E-05	1.96E-03	2.10E-02	3.53E-03	5.02E+00	2.56E-08	1.34E-07	1.07E+01	2.06E-01	4.78E-03	1.82E-01	3.46E-02	4.76E-01	1.38E+02	3.58E+00	4.97E-07	1.48E-07	7.91E-03	2.16E-04	6.25E-01	8.24E-01	1.42E+02	4.09E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MUN620A	2.62E-02	3.25E+00	-3.19E-02	3.28E+00	2.45E-06	0.00E+00	2.53E+03	1.49E-04	2.02E-03	2.18E-02	3.60E-03	6.83E+00	1.80E-07	1.71E-07	1.47E+01	3.15E-01	4.87E-03	1.83E-01	3.76E-02	5.19E-01	1.35E+02	3.59E+00	5.08E-07	1.66E-07	8.25E-03	2.21E-04	7.63E-01	8.30E-01	1.39E+02	4.32E-04	1.39E+02	1.41E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MUN625A	2.82E-02	3.29E+00	-3.06E-02	3.32E+00	2.45E-06	0.00E+00	2.53E+03	1.49E-04	2.06E-03	2.22E-02	3.69E-03	8.23E+00	1.81E-07	1.95E-07	1.77E+01	3.14E-01	4.99E-03	1.83E-01	3.99E-02	5.14E-01	1.35E+02	3.59E+00	5.16E-07	1.78E-07	8.51E-03	2.20E-04	7.13E-01	8.39E-01	1.39E+02	5.69E-04	1.39E+02	1.40E+02	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MUN632A	3.79E-02	3.34E+00	-9.61E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.32E-03	2.51E-02	4.22E-03	1.39E+01	6.36E-07	3.81E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.33E-02	6.65E-01	1.25E+02	2.96E+00	5.86E-07	2.39E-07	1.02E-02	2.61E-04	1.47E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MUN640A	3.85E-02	3.39E+00	-9.18E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MUN650A	5.04E-02	3.53E+00	1.37E-02	3.52E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.57E-03	2.82E-02	4.45E-03	2.44E+01	2.88E-08	5.52E-07	5.03E+01	1.79E+00	6.02E-03	1.99E-01	6.98E-02	8.06E-01	1.23E+02	2.95E+00	7.58E-07	3.28E-07	1.18E-02	3.31E-04	2.05E+00	9.16E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MUN663A	5.12E-02	3.56E+00	1.40E-02	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.58E-03	2.84E-02	4.47E-03	2.46E+01	3.03E-08	5.58E-07	5.09E+01	1.80E+00	6.06E-03	2.00E-01	7.07E-02	8.60E-01	1.23E+02	2.95E+00	7.60E-07	3.39E-07	1.19E-02	3.32E-04	2.11E+00	9.18E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
MV106	6.45E-03	9.61E-01	-1.92E-02	9.51E-01	3.92E-07	0.00E+00	1.04E+03	2.70E-05	7.06E-04	7.33E-03	9.64E-04	1.36E+00	1.26E-08	3.53E-08	2.68E+00	5.18E-02	1.26E-03	5.52E-02	1.11E-02	1.19E-01	3.74E+01	1.15E+00	1.24E-07	4.39E-08	2.17E-03	4.28E-05	1.45E-01	4.02E-01	3.84E+01	1.11E-04	3.86E+01	3.92E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-01
MV106Z	6.25E-03	8.50E-01	-9.53E-03	8.63E-01	3.57E-07	0.00E+00	6.95E+02	2.57E-05	5.04E-04	5.44E-03	8.89E-04	1.29E+00	1.02E-08	3.46E-08	2.70E+00	5.12E-02	1.23E-03	4.96E-02	1.09E-02	1.10E-01	3.66E+01	9.47E-01	1.24E-07	4.12E-08	2.04E-03	4.27E-05	1.45E-01	2.10E-01	3.77E+01	1.03E-04	3.77E+01	3.82E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	4.43E-01
MV110	4.18E-03	7.89E-01	-4.90E-02	7.92E-01	7.91E-07	0.00E+00	1.30E+03	2.52E-05	7.45E-04	7.67E-03	8.30E-04	1.03E+00	5.45E-08	2.80E-08	2.06E+00	4.97E-02	1.11E-03	4.41E-02	7.10E-03	6.17E-02	2.73E+01	1.22E+00	9.63E-08	2.73E-08	1.79E-03	1.85E-05	2.37E-01	9.19E-01	2.81E+01	5.92E-05	2.80E+01	2.85E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MV110Z	6.38E-03	8.57E-01	-9.43E-03	8.68E-01	2.82E-07	0.00E+00	6.92E+02	2.56E-05	5.13E-04	5.50E-03	9.05E-04	1.31E+00	1.02E-08	3.40E-08	2.64E+00	5.10E-02	1.23E-03	5.12E-02	9.47E-03	1.14E-01	3.66E+01	9.50E-01	1.25E-07	4.08E-08	2.08E-03	4.25E-05	1.48E-01	2.11E-01	3.75E+01	1.01E-04	3.75E+01	3.80E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
MV116	4.31E-03	6.76E-01	-9.44E-03	6.87E-01	2.83E-07	0.00E+00	5.78E+02	2.39E-05	4.32E-04	4.63E-03	7.98E-04	1.10E+00	1.02E-08	2.87E-08	2.18E+00	4.95E-02	1.08E-03	3.67E-02	7.21E-03	7.45E-02	2.60E+01	8.08E-01	7.92E-08	2.77E-08	1.71E-03	1.84E-05	1.03E-01	1.99E-01	2.69E+01	5.77E-05	2.69E+01	2.70E+01	3.15E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MV116Z	6.70E-03	8.64E-01	-9.40E-03	8.73E-01	2.83E-07	0.00E+00	6.91E+02	2.88E-05	5.26E-04	5.62E-03	9.38E-04	1.46E+00	1.03E-08	3.80E-08	3.36E+00	5.71E-02	1.26E-03	5.22E-02	9.94E-03	1.17E-01	3.71E+01	9.51E-01	1.25E-07	4.37E-08	2.15E-03	4.53E-05	1.53E-01	2.12E-01	3.80E+01	1.09E-04	3.80E+01	3.86E+01	3.72E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-01
MV120	5.21E-03	7.24E-01	-9.31E-03	7.32E-01	2.87E-07	0.00E+00	5.85E+02	2.44E-05	4.32E-04	4.63E-03	7.70E-04	1.10E+00	1.02E-08	3.01E-08	2.15E+00	4.95E-02	1.08E-03	4.40E-02	7.24E-03	1.23E-01	3.49E+01	8.12E-01	1.03E-07	3.47E-08	1.71E-03	5.12E-05	1.05E-01	1.98E-01	3.63E+01	9.49E-05	3.63E+01	3.71E+01	3.17E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-01
MV120Z	7.13E-03	8.67E-01	-9.04E-03	8.75E-01	2.88E-07	0.00E+00	6.92E+02	4.49E-05	5.31E-04	5.68E-03	9.42E-04	1.65E+00	4.79E-08	5.06E-08	3.97E+00	7.72E-02	1.28E-03	4.96E-02	1.03E-02	1.19E-01	3.72E+01	9.51E-01	1.26E-07	4.65E-08	2.22E-03	4.49E-05	1.60E-01	2.12E-01	3.81E+01	1.39E-04	3.81E+01	3.86E+01	3.90E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-01
MV125	7.40E-03	8.70E-01	-8.77E-03	8.77E-01	1.57E-07	0.00E+00	6.97E+02	3.23E-05	5.36E-04	5.74E-03	9.58E-04	1.75E+00	1.04E-08	4.95E-08	3.94E+00	6.52E-02	1.30E-03	4.97E-02	1.04E-02	1.20E-01	3.72E+01	9.45E-01	1.29E-07	4.79E-08	2.23E-03	4.52E-05	1.86E-01	2.12E-01	3.81E+01	1.49E-04	3.81E+01	3.86E+01	3.90E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MV125Z	7.69E-03	8.71E-01	-8.77E-03	8.78E-01	1.57E-07	0.00E+00	6.98E+02	3.67E-05	5.39E-04	5.77E-03	9.62E-04	1.76E+00	1.04E-08	5.07E-08	3.96E+00	7.86E-02	1.31E-03	4.97E-02	1.06E-02	1.40E-01	3.71E+01	9.45E-01	1.42E-07	4.99E-08	2.26E-03	4.60E-05	1.98E-01	2.12E-01	3.80E+01	1.74E-04	3.80E+01	3.85E+01	4.07E-01	0.00E+00	0.00E+00	0.00E+00	4.61E-01
MV132	9.65E-03	9.57E-01	-3.64E-03	9.25E-01	1.54E-07	0.00E+00	3.68E+02	1.49E-04	7.77E-04	8.09E-03	1.06E-03	3.03E+00	1.64E-07	9.29E-08	6.26E+00	4.00E-01	1.43E-03	5.11E-02	1.36E-02	1.98E-01	3.20E+01	7.19E-01	1.46E-07	6.10E-08	2.66E-03	5.22E-05	3.51E-01	2.59E-01	3.30E+01	2.30E-03	3.30E+01	3.37E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
MV132Z	9.68E-03	9.60E-01	-3.65E-03	9.28E-01	1.59E-07	0.00E+00	3.68E+02	1.48E-04	7.78E-04	8.12E-03	1.07E-03	3.10E+00	1.64E-07	9.40E-08	6.47E+00	4.00E-01	1.44E-03	5.22E-02	1.39E-02	1.98E-01	3.21E+01	7.21E-01	1.46E-07	6.12E-08	2.67E-03	5.22E-05	3.51E-01	2.58E-01	3.29E+01	2.31E-03	3.29E+01	3.35E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
MV140	9.69E-03	9.59E-01	-4.01E-03	9.26E-01	1.54E-07	0.00E+00	3.68E+02	1.47E-04	7.79E-04	8.12E-03	1.06E-03	3.07E+00	1.79E-07	9.42E-08	6.38E+00	4.00E-01	1.44E-03	5.37E-02	1.39E-02	1.98E-01	3.21E+01	8.79E-01	1.46E-07	6.10E-08	2.67E-03	5.22E-05	3.51E-01	2.63E-01	3.29E+01	2.39E-03	3.29E+01	3.37E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.88E-01
MV140Z	9.71E-03	9.60E-01	-3.66E-03	9.30E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.79E-04	8.13E-03	1.07E-03	3.11E+00	1.64E-07	9.43E-08	6.50E+00	4.02E-01	1.44E-03	5.25E-02	1.40E-02	1.99E-01	3.20E+01	7.20E-01	1.46E-07	6.17E-08	2.67E-03	5.21E-05	3.49E-01	2.59E-01	3.29E+01	2.30E-03	3.29E+01	3.38E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MV206	1.27E-02	1.81E+00	-3.36E-02	1.83E+00	4.03E-07	0.00E+00	1.63E+03	5.24E-05	1.39E-03	1.47E-02	1.84E-03	2.18E+00	3.27E-08	6.68E-08	4.51E+00	1.07E-01	2.51E-03	9.66E-02	1.84E-02	2.65E-01	7.22E+01	2.14E+00	2.52E-07	8.11E-08	4.27E-03	1.05E-04	3.78E-01	6.89E-01	7.43E+01	2.22E-04	7.44E+01	7.53E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-01
MV210	1.21E-02	1.68E+00	-3.38E-02	1.72E+00	3.80E-07	0.00E+00	1.64E+03	5.61E-05	1.38E-03	1.47E-02	1.78E-03	2.55E+00	2.05E-08	7.11E-08	5.20E+00	1.10E-01	2.44E-03	9.58E-02	1.63E-02	2.54E-01	7.05E+01	2.17E+00	2.51E-07	7.64E-08	4.11E-03	1.07E-04	4.19E-01	6.64E-01	7.19E+01	2.19E-04	7.20E+01	7.30E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
MV216	9.43E-03	1.38E+00	-4.86E-02	1.41E+00	7.73E-07	0.00E+00	1.53E+03	5.64E-05	1.16E-03	1.23E-02	1.59E-03	3.25E+00	5.46E-08	7.25E-08	5.12E+00	1.16E-01	2.21E-03	6.97E-02	1.38E-02	1.80E-01	5.03E+01	2.24E+00	1.57E-07	6.01E-08	4.60E-03	6.58E-05	3.84E-01	9.45E-01	5.19E+01	1.37E-04	5.19E+01	5.26E+01	9.56E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MV220	1.35E-02	1.79E+00	-1.89E-02	1.78E+00	2.50E-07	0.00E+00	1.61E+03	5.16E-05	1.38E-03	1.47E-02	1.86E-03	2.86E+00	1.62E-08	7.57E-08	5.98E+00	1.03E-01	2.51E-03	9.52E-02	1.93E-02	2.63E-01	7.23E+01	2.18E+00	2.54E-07	8.53E-08	4.27E-03	1.09E-04	3.29E-01	4.38E-01	7.41E+01	2.28E-04	7.42E+01	7.52E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MV225	1.52E-02	1.70E+00	-1.40E-02	1.70E+00	1.94E-07	0.00E+00	1.36E+03	5.78E-05	1.06E-03	1.11E-02	1.86E-03	3.70E+00	1.37E-08	9.51E-08	8.10E+00	1.19E-01	2.53E-03	9.52E-02	2.09E-02	2.64E-01	7.22E+01	1.70E+00	2.57E-07	9.40E-08	4.60E-03	1.08E-04	3.35E-01	2.44E-01	7.42E+01	2.77E-04	7.38E+01	7.41E+01	7.86E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-01
MV232	1.88E-02	1.79E+00	-1.68E-02	1.79E+00	3.71E-07	0.00E+00	1.03E+03	2.83E-04	1.40E-03	1.55E-02	2.10E-03	6.87E+00	3.47E-07	1.90E-07	1.48E+01	7.10E-01	2.83E-03	9.88E-02	2.66E-02	3.43E-01	6.32E+01	2.26E+00	3.10E-07	1.18E-07	5.24E-03	1.31E-04	6.87E-01	5.41E-01	6.43E+01	3.98E-03	6.44E+01	6.56E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MV240	1.92E-02	1.79E+00	-1.60E-02	1.79E+00	3.39E-07	0.00E+00	1.03E+03	2.89E-04	1.42E-03	1.57E-02	2.10E-03	6.90E+00	3.48E-07	1.93E-07	1.49E+01	7.42E-01	2.83E-03	9.88E-02	2.69E-02	3.54E-01	6.33E+01	2.29E+00	3.69E-07	1.21E-07	5.26E-03	1.30E-04	6.99E-01	5.41E-01	6.44E+01	3.97E-03	6.46E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MV306	1.78E-02	3.06E+00	-3.77E-02	3.11E+00	4.21E-07	0.00E+00	2.04E+03	7.39E-05	1.61E-03	1.74E-02	2.69E-03	4.02E+00	3.64E-08	9.74E-08	6.97E+00	1.61E-01	3.64E-03	1.41E-01	2.58E-02	3.54E-01	1.08E+02	3.17E+00	3.67E-07	1.11E-07	6.06E-03	1.59E-04	4.88E-01	8.33E-01	1.10E+02	3.88E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00

MV310	1.78E-02	3.15E+00	-3.75E-02	3.24E+00	3.81E-07	0.00E+00	2.06E+03	7.68E-05	1.63E-03	1.75E-02	2.72E-03	4.08E+00	3.65E-08	1.04E-07	8.71E+00	1.57E-01	3.68E-03	1.41E-01	2.58E-02	3.57E-01	1.09E+02	3.18E+00	3.73E-07	1.10E-07	6.14E-03	1.62E-04	5.07E-01	8.29E-01	1.11E+02	3.64E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MV316	1.97E-02	3.17E+00	-3.57E-02	3.25E+00	3.69E-07	0.00E+00	2.06E+03	7.95E-05	1.73E-03	1.84E-02	2.75E-03	4.08E+00	3.46E-08	1.12E-07	8.84E+00	1.58E-01	3.72E-03	1.42E-01	2.79E-02	3.76E-01	1.09E+02	3.17E+00	3.73E-07	1.25E-07	6.44E-03	1.64E-04	5.07E-01	8.25E-01	1.11E+02	3.62E-04	1.12E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MV320	2.02E-02	3.19E+00	-3.15E-02	3.25E+00	3.30E-07	0.00E+00	2.08E+03	7.93E-05	1.69E-03	1.84E-02	2.79E-03	4.37E+00	2.40E-08	1.17E-07	9.33E+00	1.58E-01	3.79E-03	1.42E-01	2.82E-02	3.76E-01	1.08E+02	3.17E+00	3.75E-07	1.26E-07	6.47E-03	1.65E-04	5.11E-01	7.02E-01	1.11E+02	3.77E-04	1.11E+02	1.11E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MV325	2.14E-02	2.52E+00	-1.50E-02	2.52E+00	2.61E-07	0.00E+00	1.17E+03	7.09E-05	1.52E-03	1.62E-02	2.86E-03	5.42E+00	1.77E-08	1.31E-07	1.14E+01	1.49E-01	3.88E-03	1.42E-01	2.91E-02	3.84E-01	1.08E+02	3.04E+00	3.76E-07	1.35E-07	6.62E-03	1.60E-04	4.53E-01	4.64E-01	1.11E+02	3.99E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MV332	2.90E-02	3.27E+00	-1.51E-02	3.39E+00	7.10E-07	0.00E+00	1.13E+03	4.19E-04	1.91E-03	2.04E-02	3.14E-03	1.04E+01	4.89E-07	2.88E-07	2.33E+01	1.08E+00	4.24E-03	1.46E-01	4.02E-02	5.30E-01	9.22E+01	2.93E+00	4.41E-07	1.86E-07	7.76E-03	2.05E-04	1.13E+00	8.48E-01	9.45E+01	5.99E-03	9.45E+01	9.64E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MV340	2.95E-02	3.34E+00	-1.12E-02	3.42E+00	7.19E-07	0.00E+00	1.13E+03	4.20E-04	1.95E-03	2.14E-02	3.12E-03	1.04E+01	4.88E-07	2.89E-07	2.34E+01	1.08E+00	4.22E-03	1.46E-01	4.12E-02	5.47E-01	9.24E+01	2.93E+00	5.66E-07	1.89E-07	8.01E-03	2.07E-04	1.17E+00	7.70E-01	9.46E+01	5.90E-03	9.46E+01	9.65E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MV406	2.55E-02	3.20E+00	-4.74E-02	3.24E+00	1.13E-06	0.00E+00	2.37E+03	8.75E-05	2.05E-03	2.21E-02	3.66E-03	4.61E+00	3.75E-08	1.24E-07	8.46E+00	1.93E-01	4.78E-03	1.81E-01	3.47E-02	4.98E-01	1.25E+02	3.58E+00	4.93E-07	1.69E-07	8.13E-03	2.13E-04	6.21E-01	1.26E+00	1.29E+02	5.31E-04	1.29E+02	1.32E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MV410	2.58E-02	3.23E+00	-4.72E-02	3.27E+00	1.06E-06	0.00E+00	2.37E+03	9.87E-05	2.05E-03	2.21E-02	3.67E-03	6.37E+00	3.74E-08	1.50E-07	1.22E+01	2.03E-01	4.81E-03	1.81E-01	3.51E-02	4.95E-01	1.25E+02	3.59E+00	4.95E-07	1.70E-07	8.10E-03	2.14E-04	6.39E-01	1.26E+00	1.29E+02	5.31E-04	1.29E+02	1.33E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MV416	3.47E-02	2.95E+00	-4.96E-02	2.94E+00	2.09E-06	0.00E+00	2.20E+03	2.19E-04	2.08E-03	2.21E-02	2.98E-03	1.05E+01	5.87E-08	2.84E-07	1.75E+01	5.54E-01	4.58E-03	1.45E-01	4.04E-02	3.93E-01	1.06E+02	3.38E+00	5.31E-07	1.85E-07	8.00E-03	2.18E-04	1.21E+00	1.50E+00	1.10E+02	3.87E-04	1.10E+02	1.13E+02	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MV420	2.87E-02	3.29E+00	-3.42E-02	3.31E+00	1.07E-06	0.00E+00	2.37E+03	9.85E-05	2.11E-03	2.32E-02	3.75E-03	7.29E+00	2.52E-08	1.58E-07	1.36E+01	2.04E-01	5.06E-03	1.77E-01	3.80E-02	5.07E-01	1.27E+02	3.57E+00	5.02E-07	1.84E-07	9.19E-03	2.17E-04	6.78E-01	8.72E-01	1.29E+02	7.93E-04	1.29E+02	1.33E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MV425	3.02E-02	2.56E+00	-2.22E-02	2.55E+00	9.09E-07	0.00E+00	1.14E+03	2.14E-04	1.99E-03	2.10E-02	3.87E-03	8.25E+00	1.84E-08	1.92E-07	1.84E+01	6.00E-01	5.33E-03	1.70E-01	4.10E-02	5.11E-01	1.24E+02	2.89E+00	5.06E-07	1.89E-07	9.57E-03	2.26E-04	7.69E-01	6.27E-01	1.29E+02	8.73E-04	1.28E+02	1.31E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MV432	3.72E-02	3.33E+00	-1.32E-02	3.36E+00	9.10E-07	0.00E+00	1.21E+03	5.35E-04	2.33E-03	2.52E-02	4.13E-03	1.36E+01	5.68E-07	3.46E-07	2.81E+01	1.39E+00	5.69E-03	1.94E-01	5.25E-02	6.75E-01	1.10E+02	2.93E+00	6.16E-07	2.35E-07	1.02E-02	2.62E-04	1.46E+00	9.42E-01	1.12E+02	6.75E-03	1.13E+02	1.19E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MV440	3.84E-02	3.35E+00	-1.28E-02	3.37E+00	8.92E-07	0.00E+00	1.22E+03	5.40E-04	2.34E-03	2.54E-02	4.13E-03	1.36E+01	5.67E-07	3.58E-07	2.90E+01	1.42E+00	5.69E-03	1.94E-01	5.39E-02	6.90E-01	1.10E+02	2.95E+00	6.79E-07	2.40E-07	1.03E-02	2.62E-04	1.43E+00	9.42E-01	1.12E+02	6.69E-03	1.13E+02	1.19E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MW106	4.78E-03	7.80E-01	-1.15E-02	7.92E-01	8.70E-09	0.00E+00	8.80E+02	2.73E-05	5.73E-04	6.22E-03	8.28E-04	1.01E+00	8.15E-09	3.08E-08	1.99E+00	5.16E-02	1.12E-03	3.32E-02	5.96E-03	1.04E-01	2.39E+01	1.10E+00	7.35E-08	3.01E-08	2.03E-03	2.61E-05	2.05E-01	2.20E-01	2.50E+01	5.60E-05	2.50E+01	2.54E+01	4.25E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MW110	4.94E-03	7.72E-01	-1.13E-02	7.84E-01	8.60E-09	0.00E+00	8.74E+02	2.71E-05	5.64E-04	6.13E-03	8.31E-04	1.09E+00	8.01E-09	3.14E-08	2.12E+00	5.11E-02	1.12E-03	3.32E-02	6.06E-03	1.01E-01	2.38E+01	1.09E+00	7.53E-08	3.17E-08	2.02E-03	2.69E-05	1.97E-01	2.20E-01	2.49E+01	5.70E-05	2.49E+01	2.53E+01	4.17E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-01
MW116	4.86E-03	7.67E-01	-1.15E-02	7.79E-01	8.60E-09	0.00E+00	8.74E+02	2.71E-05	5.61E-04	6.09E-03	8.28E-04	1.08E+00	7.88E-09	3.09E-08	2.12E+00	5.08E-02	1.12E-03	3.32E-02	5.93E-03	8.94E-02	2.37E+01	1.08E+00	7.48E-08	3.09E-08	2.00E-03	2.39E-05	1.94E-01	2.20E-01	2.48E+01	5.69E-05	2.48E+01	2.52E+01	4.13E-01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MW120	5.02E-03	7.73E-01	-1.12E-02	7.84E-01	8.66E-09	0.00E+00	8.74E+02	2.72E-05	5.66E-04	6.14E-03	8.35E-04	1.17E+00	7.99E-09	3.29E-08	2.31E+00	5.14E-02	1.13E-03	3.32E-02	6.16E-03	9.97E-02	2.38E+01	1.09E+00	7.55E-08	3.20E-08	2.03E-03	2.69E-05	2.00E-01	2.20E-01	2.49E+01	5.79E-05	2.49E+01	2.54E+01	4.20E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MW125	7.23E-03	8.77E-01	-8.76E-03	8.86E-01	8.53E-09	0.00E+00	6.97E+02	2.53E-05	5.39E-04	5.80E-03	9.70E-04	1.81E+00	7.73E-09	4.47E-08	3.85E+00	4.98E-02	1.31E-03	4.97E-02	1.02E-02	1.12E-01	3.73E+01	9.45E-01	1.28E-07	4.53E-08	2.21E-03	4.19E-05	1.40E-01	2.15E-01	3.83E+01	1.04E-04	3.83E+01	3.86E+01	3.55E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
MW132	9.55E-03	8.40E-01	-2.84E-03	8.42E-01	9.19E-08	0.00E+00	3.60E+02	1.45E-04	5.82E-04	6.29E-03	1.06E-03	3.49E+00	1.60E-07	9.59E-08	7.44E+00	3.75E-01	1.43E-03	5.09E-02	1.35E-02	1.50E-01	3.18E+01	7.13E-01	1.45E-07	5.98E-08	2.55E-03	5.14E-05	3.29E-01	2.23E-01	3.25E+01	2.01E-03	3.25E+01	3.31E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MW140	9.55E-03	8.40E-01	-2.84E-03	8.42E-01	9.19E-08	0.00E+00	3.59E+02	1.45E-04	5.82E-04	6.29E-03	1.06E-03	3.49E+00	1.60E-07	9.59E-08	7.44E+00	3.75E-01	1.43E-03	5.09E-02	1.35E-02	1.51E-01	3.18E+01	7.13E-01	1.45E-07	5.98E-08	2.56E-03	5.14E-05	3.29E-01	2.23E-01	3.25E+01	2.01E-03	3.25E+01	3.31E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MW206	1.19E-02	1.70E+00	-3.37E-02	1.75E+00	3.98E-07	0.00E+00	1.62E+03	5.24E-05	1.38E-03	1.47E-02	1.81E-03	2.18E+00	2.12E-08	6.64E-08	4.51E+00	1.07E-01	2.50E-03	9.50E-02	1.61E-02	2.53E-01	6.97E+01	2.14E+00	2.51E-07	7.60E-08	4.15E-03	1.05E-04	3.69E-01	6.65E-01	7.17E+01	2.21E-04	7.18E+01	7.28E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
MW210	1.21E-02	1.68E+00	-3.37E-02	1.72E+00	3.79E-07	0.00E+00	1.64E+03	5.61E-05	1.38E-03	1.47E-02	1.78E-03	2.55E+00	2.05E-08	7.12E-08	5.20E+00	1.10E-01	2.44E-03	9.57E-02	1.63E-02	2.57E-01	7.03E+01	2.17E+00	2.51E-07	7.65E-08	4.11E-03	1.08E-04	4.24E-01	6.64E-01	7.18E+01	2.11E-04	7.19E+01	7.29E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
MW216	9.36E-03	1.31E+00	-4.86E-02	1.36E+00	7.73E-07	0.00E+00	1.50E+03	5.64E-05	1.13E-03	1.19E-02	1.59E-03	3.09E+00	5.46E-08	7.03E-08	5.13E+00	1.15E-01	2.21E-03	6.97E-02	1.39E-02	1.74E-01	5.04E+01	2.24E+00	1.58E-07	6.00E-08	4.33E-03	6.54E-05	3.82E-01	9.45E-01	5.20E+01	1.36E-04	5.20E+01	5.25E+01	9.57E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MW220	9.76E-03	1.60E+00	-4.86E-02	1.63E+00	7.41E-07	0.00E+00	1.70E+03	5.66E-05	1.19E-03	1.27E-02	1.57E-03	3.34E+00	5.46E-08	7.36E-08	5.19E+00	1.15E-01	2.24E-03	6.97E-02	1.38E-02	1.96E-01	5.03E+01	2.27E+00	1.49E-07	6.33E-08	4.80E-03	6.84E-05	3.86E-01	9.46E-01	5.19E+01	1.39E-04	5.19E+01	5.26E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	6.05E-01
MW225	1.53E-02	1.70E+00	-1.40E-02	1.70E+00	1.94E-07	0.00E+00	1.36E+03	5.78E-05	1.06E-03	1.11E-02	1.87E-03	3.70E+00	1.37E-08	9.51E-08	8.10E+00	1.20E-01	2.55E-03	9.53E-02	2.10E-02	2.65E-01	7.22E+01	1.70E+00	2.57E-07	9.46E-08	4.62E-03	1.08E-04	3.35E-01	2.44E-01	7.42E+01	2.77E-04	7.38E+01	7.41E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	9.95E-01
MW232	2.04E-02	2.02E+00	-7.97E-03	2.08E+00	1.31E-06	0.00E+00	1.37E+03	2.63E-04	1.40E-03	1.52E-02	2.24E-03	8.93E+00	2.79E-08	2.42E-07	1.89E+01	6.78E-01	2.87E-03	1.05E-01	3.54E-02	3.18E-01	6.51E+01	2.28E+00	4.68E-07	1.38E-07	5.56E-03	1.53E-04	9.23E-01	5.57E-01	6.77E+01	3.95E-03	6.77E+01	7.08E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MW240	2.25E-02	2.02E+00	3.69E-03	2.06E+00	1.30E-06	0.00E+00	1.21E+03	2.88E-04	1.39E-03	1.54E-02	2.23E-03	1.05E+01	2.94E-08	2.57E-07	2.39E+01	7.57E-01	2.88E-03	1.07E-01	4.12E-02	3.25E-01	6.47E+01	2.30E+00	5.51E-07	1.50E-07	5.51E-03	1.53E-04	9.68E-01	5.59E-01	6.70E+01	4.02E-03	6.72E+01	7.07E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MW306	1.78E-02	3.06E+00	-3.77E-02	3.12E+00	4.25E-07	0.00E+00	2.04E+03	7.39E-05	1.62E-03	1.75E-02	2.69E-03	4.02E+00	3.64E-08	9.72E-08	6.97E+00	1.61E-01	3.64E-03	1.41E-01	2.58E-02	3.53E-01	1.08E+02	3.17E+00	3.67E-07	1.11E-07	6.07E-03	1.59E-04	4.88E-01	8.29E-01	1.10E+02	3.88E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MW310	1.78E-02	3.14E+00	-3.75E-02	3.23E+00	3.81E-07	0.00E+00	2.06E+03	7.68E-05	1.62E-03	1.75E-02	2.72E-03	4.13E+00	3.65E-08	1.05E-07	8.85E+00	1.57E-01	3.68E-03	1.41E-01	2.59E-02	3.57E-01	1.09E+02	3.18E+00	3.73E-07	1.09E-07	6.12E-03	1.62E-04	5.05E-01	8.34E-01	1.11E+02	3.64E-04	1.12E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MW316	1.28E-02	1.92E+00	-2.95E-02	1.95E+00	2.51E-08	0.00E+00	1.72E+03	6.98E-05	1.21E-03	1.30E-02	2.34E-03	3.22E+00	1.86E-08	8.39E-08	6.45E+00	1.46E-01	3.17E-03	1.04E-01	2.05E-02	2.14E-01	7.40E+01	2.45E+00	2.40E-07	8.35E-08	4.73E-03	8.99E-05	2.96E-01	5.85E-01	7.64E+01	1.81E-04	7.64E+01	7.73E+01	8.81E-01	0.00E+00	0.00E+00	0.00E+00	8.79E-01
MW320	2.00E-02	2.55E+00	-2.69E-02	2.58E+00	2.56E-08	0.00E+00	2.07E+03	7.57E-05	1.56E-03	1.68E-02	2.80E-03	4.38E+00	2.20E-08	1.14E-07	9.25E+00	1.49E-01	3.79E-03	1.43E-01	2.81E-02	3.68E-01	1.08E+02	2.85E+00	3.81E-07	1.26E-07	6.37E-03	1.60E-04	4.12E-01	6.34E-01	1.10E+02	3.93E-04	1.10E+02	1.11E+02	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MW325	2.17E-02	2.59E+00	-2.55E-02	2.61E+00	2.56E-08	0.00E+00	2.07E+03	7.57E-05	1.60E-03	1.72E-02	2.87E-03	5.43E+00	2.30E-08	1.33E-07	1.16E+01	1.49E-01	3.89E-03	1.43E-01	3.01E-02	3.84E-01	1.08E+02	2.85E+00	3.88E-07	1.37E-07	6.59E-03	1.62E-04	4.51E-01	6.41E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MW332	2.86E-02	2.47E+00	-7.68E-03	2.47E+00	2.76E-07	0.00E+00	1.06E+03	4.34E-04	1.72E-03	1.86E-02	3.12E-03	1.05E+01	4.79E-07	2.85E-07	2.24E+01	1.12E+00	4.22E-03	1.47E-01	4.01E-02	4.98E-01	9.16E+01	2.14E+00	4.38E-07	1.80E-07	7.59E-03	1.90E-04	1.02E+00	6.65E-01	9.38E+01	5.94E-03	9.38E+01	9.55E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MW340	2.88E-02	2.50E+00	-7.36E-03	2.51E+00	2.76E-07	0.00E+00	1.05E+03	4.34E-04	1.74E-03	1.88E-02	3.12E-03	1.05E+01	4.79E-07	2.85E-07	2.24E+01	1.12E+00	4.22E-03	1.47E-01	4.02E-02	5.00E-01	9.23E+01	2.15E+00	5.17E-07	1.81E-07	7.65E-03	1.92E-04	1.02E+00	6.65E-01	9.44E+01	5.82E-03	9.44E+01	9.61E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MW350	3.93E-02	3.53E+00	9.81E-03	3.59E+00	8.57E-07	0.00E+00	1.12E+03	4.33E-04	2.12E-03	2.42E-02	3.32E-03	1.82E+01	3.55E-08	4.12E-07	3.82E+01	1.23E+00	4.49E-03	1.46E-01	5.51E-02	6.46E-01	9.16E+01	2.91E+00	5.98E-07	2.56E-07	9.46E-03	2.58E-04	1.55E+00	8.55E-01	9.39E+01	5.79E-03	9.39E+01	9.59E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
MW363	4.03E-02	3.53E+00	1.02E-02	3.60E+00	8.64E-07	0.00E+00	1.12E+03	4.35E-04	2.13E-03	2.42E-02	3.32E-03	1.85E+01	3.76E-08	4.25E-07	3.94E+01	1.25E+00	4.50E-03	1.49E-01	5.64E-02	6.71E-01	9.15E+01	2.91E+00	6.42E-07	2.66E-07	9.51E-03	2.57E-04	1.57E+00	8.56E-01	9.39E+01	5.76E-03	9.39E+01	9.59E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
MW406	2.54E-02	3.20E+00	-5.13E-02	3.24E+00	1.13E-06	0.00E+00	2.37E+03	8.75E-05	2.05E-03	2.22E-02	3.66E-03	4.60E+00	3.75E-08	1.24E-07	8.46E+00	1.93E-01	4.79E-03	1.81E-01	3.47E-02	4.98E-01	1.25E+02	3.58E+00	4.93E-07	1.69E-07	8.12E-03	2.13E-04	6.20E-01	1.26E+00	1.29E+02	5.30E-04	1.29E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MW410	2.58E-02	3.23E+00	-5.13E-02	3.26E+00	1.06E-06	0.00E+00	2.37E+03	9.87E-05	2.05E-03	2.21E-02	3.67E-03	6.37E+00	3.74E-08	1.51E-07	1.22E+01	2.03E-01	4.80E-03	1.81E-01	3.51E-02	4.95E-01	1.25E+02	3.59E+00	4.95E-07	1.70E-07	8.10E-03	2.14E-04	6.39E-01	1.26E+00	1.29E+02	5.33E-04	1.29E+02	1.33E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MW416	2.97E-02	3.26E+00	-4.51E-02	3.28E+00	1.07E-06	0.00E+00	2.37E+03	9.81E-05	2.22E-03	2.40E-02	3.88E-03	7.65E+00	3.78E-08	1.56E-07	1.34E+01	2.03E-01	5.24E-03	1.71E-01	3.73E-02	5.02E-01	1.23E+02	3.58E+00	4.98E-07	1.87E-07	9.60E-03	2.31E-04	6.74E-01	1.27E+00	1.28E+02	8.64E-04	1.28E+02	1.31E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MW420	2.96E-02	3.26E+00	-3.41E-02	3.29E+00	1.07E-06	0.00E+00	2.36E+03	9.85E-05	2.14E-03	2.33E-02	3.79E-03	7.52E+00	3.80E-08	1.59E-07	1.37E+01	2.04E-01	5.21E-03	1.76E-01	3.80E-02	5.08E-01	1.26E+02	3.58E+00	5.00E-07	1.87E-07	9.42E-03	2.30E-04	6.81E-01	8.99E-01	1.29E+02	7.97E-04	1.28E+02	1.33E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MW425	2.99E-02	2.56E+00	-1.57E-02	2.55E+00	9.09E-07	0.00E+00	1.14E+03	2.14E-04	1.97E-03	2.06E-02	3.84E-03	8.23E+00	1.66E-08	1.93E-07	1.84E+01	6.01E-01	5.26E-03	1.70E-01	4.09E-02	5.11E-01	1.24E+02	2.82E+00	5.06E-07	1.89E-07	9.57E-03	2.25E-04	7.69E-01	5.29E-01	1.29E+02	8.73E-04	1.27E+02	1.31E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MW432	4.86E-02	3.60E+00	-3.57E-03	3.65E+00	2.47E-06	0.00E+00	1.60E+03	4.53E-04	2.76E-03	2.85E-02	4.27E-03	1.92E+01	4.39E-08	4.36E-07	3.87E+01	1.31E+00	5.82E-03	1.86E-01	6.39E-02	6.54E-01	1.07E+02	2.84E+00	7.97E-07	2.85E-07	1.20E-02	3.03E-04	1.70E+00	9.87E-01	1.17E+02	5.76E-03	1.17E+02	1.34E+02	2.62E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MW440	4.98E-02	3.76E+00	1.36E-02	3.77E+00	2.46E-06	0.00E+00	1.35E+03	4.63E-04	2.76E-03	2.86E-02	4.25E-03	1.96E+01	4.40E-08	4.55E-07	4.04E+01	1.35E+00	5.79E-03	1.86E-01	6.68E-02	6.73E-01	1.05E+02	2.82E+00	8.70E-07	2.93E-07	1.20E-02	3.02E-04	1.68E+00	9.88E-01	1.14E+02	5.84E-03	1.14E+02	1.30E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MWN102A	8.27E-03	9.68E-01	-8.21E-03	9.45E-01	9.23E-07	0.00E+00	4.05E+02	4.26E-05	7.36E-04	7.65E-03	1.07E-03	2.15E+00	1.30E-08	6.68E-08	4.55E+00	1.07E-01	1.45E-03	5.08E-02	1.23E-02	1.93E-01	3.70E+01	8.21E-01	1.43E-07	5.32E-08	2.52E-03	5.54E-05	2.37E-01	2.57E-01	3.78E+01	1.95E-03	3.78E+01	3.85E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	5.26E-01
MWN104A	8.19E-03	9.86E-01	-8.73E-03	9.68E-01	1.03E-06	0.00E+00	4.21E+02	4.13E-05	7.39E-04	7.79E-03	1.06E-03	1.99E+00	1.31E-08	6.41E-08	4.34E+00	1.01E-01	1.46E-03	5.48E-02	1.23E-02	1.97E-01	3.75E+01	1.04E+00	1.44E-07	5.34E-08	2.51E-03	5.63E-05	2.56E-01	3.62E-01	3.84E+01	2.04E-03	3.85E+01	3.90E+01	5.54E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MWN106	4.17E-03	6.79E-01	-9.44E-03	6.92E-01	8.37E-07	0.00E+00	5.85E+02	2.40E-05	4.33E-04	4.64E-03	7.99E-04	9.96E-01	1.02E-08	2.79E-08	2.08E+00	5.12E-02	1.08E-03	3.61E-02	7.06E-03	8.05E-02	2.57E+01	8.27E-01	7.89E-08	2.69E-08	1.71E-03	2.03E-05	1.12E-01	1.97E-01	2.66E+01	5.74E-05	2.66E+01	2.69E+01	3.15E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-01
MWN106A	5.69E-03	8.67E-01	-1.08E-02	8.58E-01	1.01E-06	0.00E+00	6.67E+02	2.62E-05	6.80E-04	7.02E-03	8.72E-04	1.10E+00	1.26E-08	3.12E-08	2.29E+00	5.32E-02	1.18E-03	4.85E-02	8.40E-03	1.16E-01	3.38E+01	1.12E+00	1.23E-07	3.64E-08	1.98E-03	4.47E-05	1.54E-01	2.42E-01	3.51E+01	1.01E-04	3.51E+01	3.53E+01	3.76E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01
MWN110	5.71E-03	8.23E-01	-9.16E-03	8.32E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.32E-03	8.87E-04	1.09E+00	6.80E-09	3.17E-08	2.29E+00	5.28E-02	1.20E-03	4.71E-02	8.61E-03	1.14E-01	3.54E+01	9.20E-01	1.22E-07	3.61E-08	1.97E-03	4.52E-05	1.42E-01	2.06E-01	3.63E+01	9.68E-05	3.63E+01	3.66E+01	3.49E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MWN110A	5.77E-03	8.94E-01	-1.08E-02	8.79E-01	1.02E-06	0.00E+00	6.60E+02	2.62E-05	7.01E-04	7.22E-03	8.85E-04	1.24E+00	1.26E-08	3.23E-08	2.39E+00	5.32E-02	1.20E-03	5.11E-02	8.64E-03	1.22E-01	3.39E+01	1.12E+00	1.24E-07	3.82E-08	2.03E-03	4.54E-05	1.58E-01	2.99E-01	3.52E+01	1.02E-04	3.53E+01	3.53E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MWN116	4.24E-03	6.57E-01	-9.98E-03	6.67E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.10E-04	4.40E-03	7.93E-04	1.07E+00	6.04E-09	2.85E-08	2.14E+00	5.12E-02	1.07E-03	3.65E-02	6.95E-03	5.69E-02	2.60E+01	8.27E-01	7.88E-08	2.74E-08	1.60E-03	1.94E-05	1.03E-01	1.96E-01	2.68E+01	5.72E-05	2.68E+01	2.71E+01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
MWN116A	5.90E-03	8.01E-01	-9.02E-03	8.10E-01	9.15E-07	0.00E+00	6.60E+02	2.50E-05	4.92E-04	5.27E-03	8.73E-04	1.28E+00	1.02E-08	3.53E-08	2.48E+00	5.29E-02	1.18E-03	4.43E-02	8.85E-03	1.18E-01	3.37E+01	9.23E-01	1.24E-07	3.78E-08	1.96E-03	4.54E-05	1.58E-01	2.05E-01	3.47E+01	9.90E-05	3.47E+01	3.51E+01	3.67E-01	0.00E+00	0.00E+00	0.00E+00	3.77E-01
MWN120	4.82E-03	6.70E-01	-9.45E-03	6.79E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.23E-04	4.54E-03	8.20E-04	1.47E+00	6.25E-09	3.58E-08	3.03E+00	5.12E-02	1.11E-03	3.66E-02	7.63E-03	6.02E-02	2.62E+01	8.28E-01	8.14E-08	3.09E-08	1.68E-03	2.06E-05	1.16E-01	1.99E-01	2.70E+01	6.15E-05	2.70E+01	2.73E+01	3.15E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-01
MWN120A	6.09E-03	8.07E-01	-8.57E-03	8.15E-01	9.18E-07	0.00E+00	6.60E+02	2.80E-05	4.94E-04	5.29E-03	8.86E-04	1.41E+00	1.04E-08	3.74E-08	2.78E+00	5.83E-02	1.20E-03	4.41E-02	8.95E-03	1.22E-01	3.37E+01	9.24E-01	1.25E-07	4.02E-08	1.98E-03	4.63E-05	1.63E-01	2.07E-01	3.47E+01	1.00E-04	3.47E+01	3.51E+01	3.76E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MWN125	6.83E-03	8.47E-01	-8.22E-03	8.55E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.22E-04	5.63E-03	9.37E-04	1.81E+00	7.50E-09	4.50E-08	3.87E+00	5.28E-02	1.27E-03	4.73E-02	9.94E-03	1.24E-01	3.58E+01	9.23E-01	1.27E-07	4.32E-08	2.13E-03	4.72E-05	1.67E-01	2.11E-01	3.67E+01	1.05E-04	3.67E+01	3.71E+01	3.78E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MWN125A	6.69E-03	8.16E-01	-8.34E-03	8.25E-01	9.16E-07	0.00E+00	6.60E+02	2.57E-05	5.06E-04	5.45E-03	9.11E-04	1.79E+00	1.02E-08	4.40E-08	3.79E+00	5.29E-02	1.23E-03	4.42E-02	9.68E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.28E-08	2.07E-03	4.70E-05	1.68E-01	2.09E-01	3.48E+01	1.04E-04	3.48E+01	3.51E+01	3.80E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWN132	9.58E-03	8.48E-01	-2.46E-03	8.51E-01	9.93E-07	0.00E+00	3.62E+02	1.45E-04	5.87E-04	6.35E-03	1.06E-03	3.49E+00	1.60E-07	9.65E-08	7.47E+00	3.78E-01	1.44E-03	5.09E-02	1.36E-02	1.63E-01	3.21E+01	7.39E-01	1.45E-07	6.02E-08	2.57E-03	5.68E-05	3.56E-01	2.24E-01	3.28E+01	1.99E-03	3.28E+01	3.34E+01	5.80E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MWN132A	9.63E-03	9.68E-01	-1.43E-02	9.41E-01	1.10E-06	0.00E+00	3.96E+02	1.46E-04	7.79E-04	8.18E-03	1.13E-03	3.13E+00	1.75E-07	9.30E-08	6.82E+00	3.78E-01	1.48E-03	5.41E-02	1.37E-02	2.00E-01	3.15E+01	9.45E-01	1.46E-07	6.11E-08	2.64E-03	5.73E-05	3.66E-01	3.87E-01	3.24E+01	2.11E-03	3.26E+01	3.31E+01	6.08E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MWN140	1.12E-02	1.08E+00	4.44E-03	1.09E+00	1.01E-06	0.00E+00	4.19E+02	1.84E-04	8.37E-04	9.11E-03	1.07E-03	5.70E+00	1.78E-08	1.43E-07	1.20E+01	5.49E-01	1.45E-03	6.38E-02	2.19E-02	1.91E-01	3.12E+01	1.07E+00	2.92E-07	7.58E-08	3.19E-03	7.29E-05	5.20E-01	2.57E-01	3.22E+01	2.18E-03	3.23E+01	3.58E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	8.08E-01
MWN140A	1.72E-02	1.81E+00	-4.43E-02	1.82E+00	1.79E-06	0.00E+00	1.10E+03	1.65E-04	1.42E-03	1.54E-02	1.84E-03	4.10E+00	3.12E-07	1.17E-07	7.74E+00	3.85E-01	3.14E-03	1.06E-01	2.54E-02	3.61E-01	6.02E+01	2.59E+00	3.31E-07	1.14E-07	5.36E-03	1.28E-04	7.99E-01	1.36E+00	6.30E+01	2.27E-03	6.32E+01	6.46E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MWN150	1.27E-02	9.13E-01	4.22E-03	9.11E-01	9.60E-07	0.00E+00	3.69E+02	1.49E-04	6.54E-04	7.22E-03	1.11E-03	5.11E+00	1.13E-08	1.24E-07	1.05E+01	4.73E-01	1.48E-03	4.97E-02	1.76E-02	1.94E-01	3.14E+01	7.37E-01	1.88E-07	8.41E-08	2.94E-03	7.52E-05	4.80E-01	2.28E-01	3.25E+01	2.25E-03	3.25E+01	3.36E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-01
MWN202A	1.71E-02	1.80E+00	-1.75E-02	1.80E+00	1.61E-06	0.00E+00	1.10E+03	6.60E-05	1.40E-03	1.52E-02	2.09E-03	2.27E+00	1.86E-08	8.90E-08	5.04E+00	2.34E-01	2.87E-03	9.69E-02	2.47E-02	3.26E-01	6.63E+01	2.08E+00	2.96E-07	1.10E-07	5.14E-03	1.31E-04	5.18E-01	4.56E-01	6.89E+01	3.94E-03	6.89E+01	7.11E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MWN204A	1.73E-02	1.81E+00	-2.61E-02	1.84E+00	1.65E-06	0.00E+00	1.18E+03	9.41E-05	1.44E-03	1.54E-02	2.04E-03	3.72E+00	2.23E-08	1.24E-07	7.48E+00	2.58E-01	2.84E-03	9.90E-02	2.49E-02	3.26E-01	6.78E+01	2.13E+00	2.98E-07	1.09E-07	5.16E-03	1.31E-04	8.36E-01	5.54E-01	6.97E+01	3.94E-03	6.97E+01	7.14E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MWN206	1.16E-02	1.65E+00	-3.22E-02	1.69E+00	1.63E-06	0.00E+00	1.55E+03	5.26E-05	1.36E-03	1.45E-02	1.74E-03	2.19E+00	2.03E-08	6.62E-08	4.51E+00	1.06E-01	2.38E-03	9.37E-02	1.63E-02	2.55E-01	6.89E+01	2.13E+00	2.48E-07	7.58E-08	3.95E-03	1.05E-04	3.85E-01	6.33E-01	7.07E+01	2.32E-04	7.07E+01	7.13E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MWN206A	9.62E-03	1.15E+00	-1.57E-02	1.21E+00	1.46E-06	0.00E+00	1.11E+03	4.94E-05	6.73E-04	7.08E-03	1.59E-03	2.16E+00	1.16E-08	6.19E-08	4.43E+00	1.07E-01	2.18E-03	6.12E-02	1.40E-02	1.51E-01	4.90E+01	1.42E+00	1.36E-07	6.11E-08	3.13E-03	6.09E-05	2.45E-01	2.49E-01	5.09E+01	1.88E-04	5.08E+01	5.11E+01	6.00E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MWN210	1.14E-02	1.61E+00	-1.81E-02	1.63E+00	1.50E-06	0.00E+00	1.27E+03	4.94E-05	9.73E-04	1.05E-02	1.75E-03	2.19E+00	1.33E-08	6.15E-08	4.60E+00	1.04E-01	2.36E-03	9.11E-02	1.69E-02	2.46E-01	6.88E+01	1.80E+00	2.46E-07	7.26E-08	3.90E-03	1.07E-04	3.03E-01	4.10E-01	7.06E+01	1.98E-04	7.06E+01	7.13E+01	7.13E-01	0.00E+00	0.00E+00	0.00E+00	7.27E-01
MWN210A	9.11E-03	1.15E+00	-1.56E-02	1.21E+00	1.44E-06	0.00E+00	1.11E+03	5.20E-05	6.74E-04	7.12E-03	1.59E-03	2.17E+00	1.16E-08	5.82E-08	4.44E+00	1.09E-01	2.17E-03	6.15E-02	1.40E-02	1.53E-01	4.88E+01	1.41E+00	1.41E-07	5.84E-08	3.22E-03	6.24E-05	2.44E-01	2.39E-01	5.05E+01	1.88E-04	5.04E+01	5.06E+01	6.21E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MWN216	1.18E-02	1.62E+00	-1.81E-02	1.63E+00	1.52E-06	0.00E+00	1.27E+03	4.94E-05	9.80E-04	1.05E-02	1.77E-03	2.52E+00	1.34E-08	6.69E-08	5.36E+00	1.04E-01	2.40E-03	9.11E-02	1.73E-02	2.33E-01	6.91E+01	1.80E+00	2.48E-07	7.54E-08	3.96E-03	1.04E-04	3.26E-01	4.13E-01	7.09E+01	2.42E-04	7.09E+01	7.16E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.45E-01
MWN216A	9.51E-03	1.16E+00	-1.52E-02	1.21E+00	1.45E-06	0.00E+00	1.11E+03	6.75E-05	6.84E-04	7.34E-03	1.59E-03	3.35E+00	1.23E-08	7.97E-08	6.39E+00	1.36E-01	2.17E-03	6.16E-02	1.49E-02	1.54E-01	4.90E+01	1.40E+00	1.46E-07	6.16E-08	3.27E-03	6.34E-05	2.62E-01	2.39E-01	5.08E+01	2.00E-04	5.06E+01	5.11E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	6.43E-01
MWN220	1.25E-02	1.63E+00	-1.72E-02	1.65E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	1.00E-03	1.08E-02	1.80E-03	2.92E+00	1.40E-08	7.51E-08	6.22E+00	1.04E-01	2.44E-03	9.11E-02	1.83E-02	2.57E-01	6.92E+01	1.81E+00	2.51E-07	7.98E-08	4.07E-03	1.09E-04	3.26E-01	4.16E-01	7.10E+01	2.06E-04	7.10E+01	7.18E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MWN220A	9.79E-03	1.54E+00	-1.56E-02	1.55E+00	1.41E-06	0.00E+00	1.14E+03	5.52E-05	9.50E-04	1.01E-02	1.57E-03	3.01E+00	1.44E-08	7.79E-08	5.58E+00	1.09E-01	2.19E-03	6.16E-02	1.47E-02	1.96E-01	4.89E+01	1.40E+00	1.43E-07	6.40E-08	4.75E-03	6.68E-05	2.68E-01	2.70E-01	5.07E+01	1.61E-04	5.05E+01	5.11E+01	6.49E-01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MWN225	1.36E-02	1.65E+00	-1.66E-02	1.67E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	1.02E-03	1.10E-02	1.85E-03	3.62E+00	1.47E-08	8.75E-08	7.71E+00	1.04E-01	2.50E-03	9.15E-02	1.95E-02	2.57E-01	6.93E+01	1.81E+00	2.55E-07	8.61E-08	4.21E-03	1.09E-04	3.04E-01	4.20E-01	7.11E+01	2.54E-04	7.11E+01	7.18E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MWN225A	1.34E-02	1.60E+00	-1.40E-02	1.61E+00	1.46E-06	0.00E+00	1.27E+03	5.77E-05	1.01E-03	1.06E-02	1.79E-03	3.73E+00	1.37E-08	9.23E-08	8.10E+00	1.23E-01	2.45E-03	8.99E-02	1.91E-02	2.46E-01	6.80E+01	1.60E+00	2.54E-07	8.61E-08	4.13E-03	1.08E-04	3.12E-01	2.42E-01	7.01E+01	2.74E-04	6.98E+01	6.99E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MWN232	1.92E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.91E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.24E+01	1.48E+00	2.93E-07	1.21E-07	5.12E-03	1.31E-04	7.30E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN232A	2.21E-02	2.03E+00	-6.55E-03	2.09E+00	1.84E-06	0.00E+00	1.38E+03	2.84E-04	1.44E-03	1.57E-02	2.20E-03	9.21E+00	3.03E-08	2.52E-07	1.95E+01	7.05E-01	2.85E-03	1.07E-01	3.63E-02	3.31E-01	6.51E+01	2.33E+00	5.20E-07	1.49E-07	5.80E-03	1.61E-04	1.09E+00	5.65E-01	6.78E+01	3.92E-03	6.79E+01	7.08E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MWN240	1.93E-02	1.69E+00	-4.58E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.28E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.33E-01	4.47E-01	6.43E+01	3.91E-03	6.43E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN240A	2.38E-02	2.02E+00	4.92E-03	2.07E+00	1.81E-06	0.00E+00	1.21E+03	2.88E-04	1.43E-03	1.58E-02	2.20E-03	1.06E+01	3.16E-08	2.58E-07	2.40E+01	7.41E-01	2.85E-03	1.07E-01	4.13E-02	3.33E-01	6.48E+01	2.34E+00	5.82E-07	1.59E-07	5.77E-03	1.61E-04	1.11E+00	5.65E-01	6.70E+01	3.98E-03	6.73E+01	7.06E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MWN250	2.37E-02	1.89E+00	5.46E-03	1.88E+00	1.59E-06	0.00E+00	1.01E+03	2.60E-04	1.30E-03	1.39E-02	2.17E-03	1.03E+01	2.41E-08	2.56E-07	2.23E+01	7.30E-01	2.85E-03	9.53E-02	3.59E-02	3.31E-01	6.25E+01	1.54E+00	3.57E-07	1.59E-07	5.77E-03	1.63E-04	1.01E+00	3.64E-01	6.41E+01	4.20E-03	6.38E+01	6.57E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MWN263	2.56E-02	1.78E+00	7.02E-03	1.77E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.29E-03	1.42E-02	2.23E-03	1.23E+01	1.52E-08	2.79E-07	2.54E+01	8.99E-01	3.02E-03	1.00E-01	3.53E-02	4.31E-01	6.17E+01	1.47E+00	3.80E-07	1.70E-07	5.95E-03	1.66E-04	1.06E+00	4.59E-01	6.31E+01	4.38E-03	6.31E+01	6.47E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MWN302A	2.57E-02	2.55E+00	-2.28E-02	2.56E+00	2.31E-06	0.00E+00	1.17E+03	1.49E-04	1.69E-03	1.79E-02	3.13E-03	5.40E+00	2.29E-08	1.74E-07	1.01E+01	3.85E-01	4.23E-03	1.46E-01	3.52E-02	5.03E-01	1.03E+02	2.36E+00	4.16E-07	1.55E-07	7.42E-03	1.90E-04	7.91E-01	6.99E-01	1.05E+02	5.86E-03	1.05E+02	1.06E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MWN304A	2.58E-02	3.00E+00	-3.09E-02	3.08E+00	2.32E-06	0.00E+00	1.25E+03	1.80E-04	1.89E-03	1.97E-02	3.13E-03	8.65E+00	3.67E-08	2.06E-07	1.76E+01	4.58E-01	4.23E-03	1.45E-01	3.51E-02	5.15E-01	1.01E+02	2.94E+00	4.04E-07	1.57E-07	7.50E-03	2.01E-04	9.48E-01	8.39E-01	1.02E+02	5.94E-03	1.02E+02	1.03E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MWN306	1.76E-02	2.98E+00	-3.62E-02	3.05E+00	2.07E-06	0.00E+00	1.97E+03	7.81E-05	1.59E-03	1.71E-02	2.62E-03	3.96E+00	3.63E-08	9.94E-08	7.26E+00	1.61E-01	3.55E-03	1.35E-01	2.58E-02	3.57E-01	1.05E+02	3.12E+00	3.66E-07	1.11E-07	5.94E-03	1.61E-04	5.06E-01	8.29E-01	1.06E+02	3.41E-04	1.07E+02	1.08E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MWN306A	1.74E-02	2.98E+00	-3.63E-02	3.05E+00	2.05E-06	0.00E+00	1.97E+03	7.68E-05	1.57E-03	1.69E-02	2.61E-03	3.67E+00	3.49E-08	9.81E-08	7.17E+00	1.61E-01	3.52E-03	1.34E-01	2.58E-02	3.55E-01	1.04E+02	3.13E+00	3.64E-07	1.10E-07	5.82E-03	1.60E-04	5.07E-01	8.28E-01	1.06E+02	3.53E-04	1.07E+02	1.09E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MWN310	1.70E-02	2.40E+00	-2.71E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.45E-03	1.56E-02	2.60E-03	3.28E+00	1.99E-08	9.19E-08	6.91E+00	1.56E-01	3.52E-03	1.35E-01	2.52E-02	3.71E-01	1.02E+02	2.70E+00	3.69E-07	1.09E-07	5.82E-03	1.62E-04	4.66E-01	6.13E-01	1.05E+02	3.00E-04	1.05E+02	1.06E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MWN310A	1.74E-02	3.12E+00	-3.61E-02	3.20E+00	2.28E-06	0.00E+00	1.97E+03	7.80E-05	1.57E-03	1.69E-02	2.64E-03	3.82E+00	3.75E-08	9.84E-08	8.29E+00	1.63E-01	3.57E-03	1.34E-01	2.56E-02	3.62E-01	1.04E+02	3.14E+00	3.68E-07	1.09E-07	5.87E-03	1.63E-04	5.18E-01	8.27E-01	1.06E+02	3.14E-04	1.07E+02	1.09E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MWN316	1.28E-02	1.92E+00	-2.93E-02	1.95E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.21E-03	1.30E-02	2.33E-03	3.22E+00	1.83E-08	8.35E-08	6.48E+00	1.52E-01	3.16E-03	1.04E-01	2.05E-02	2.19E-01	7.43E+01	2.45E+00	2.40E-07	8.38E-08	4.73E-03	9.13E-05	3.50E-01	5.85E-01	7.67E+01	1.81E-04	7.67E+01	7.76E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-01

MWN316A	1.79E-02	2.39E+00	-2.82E-02	2.42E+00	2.27E-06	0.00E+00	1.92E+03	7.50E-05	1.47E-03	1.57E-02	2.64E-03	3.82E+00	2.23E-08	1.01E-07	8.30E+00	1.56E-01	3.57E-03	1.34E-01	2.69E-02	3.71E-01	1.03E+02	2.70E+00	3.74E-07	1.13E-07	5.91E-03	1.64E-04	4.79E-01	6.17E-01	1.05E+02	3.11E-04	1.05E+02	1.08E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MWN320	1.88E-02	2.43E+00	-2.57E-02	2.46E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.49E-03	1.61E-02	2.68E-03	4.38E+00	2.09E-08	1.12E-07	9.34E+00	1.56E-01	3.63E-03	1.35E-01	2.73E-02	3.86E-01	1.03E+02	2.70E+00	3.76E-07	1.20E-07	6.07E-03	1.65E-04	5.00E-01	6.21E-01	1.06E+02	3.12E-04	1.06E+02	1.07E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MWN320A	1.86E-02	2.36E+00	-1.49E-02	2.36E+00	2.13E-06	0.00E+00	1.09E+03	7.11E-05	1.20E-03	1.29E-02	2.66E-03	4.40E+00	1.81E-08	1.12E-07	9.43E+00	1.57E-01	3.61E-03	1.29E-01	2.70E-02	3.73E-01	1.02E+02	2.96E+00	3.65E-07	1.17E-07	5.94E-03	1.59E-04	4.92E-01	4.45E-01	1.05E+02	3.17E-04	1.04E+02	1.07E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MWN325	2.03E-02	2.46E+00	-2.48E-02	2.48E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.52E-03	1.64E-02	2.75E-03	5.43E+00	2.20E-08	1.31E-07	1.16E+01	1.55E-01	3.72E-03	1.36E-01	2.90E-02	3.85E-01	1.03E+02	2.69E+00	3.82E-07	1.29E-07	6.28E-03	1.63E-04	4.59E-01	6.28E-01	1.06E+02	4.04E-04	1.06E+02	1.07E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MWN325A	1.98E-02	3.15E+00	-3.43E-02	3.23E+00	1.95E-06	0.00E+00	1.98E+03	7.88E-05	1.62E-03	1.76E-02	2.73E-03	5.35E+00	3.75E-08	1.27E-07	1.14E+01	1.62E-01	3.69E-03	1.34E-01	2.81E-02	3.84E-01	1.05E+02	3.19E+00	3.75E-07	1.25E-07	6.18E-03	1.63E-04	5.21E-01	8.21E-01	1.07E+02	3.89E-04	1.07E+02	1.10E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MWN332	2.87E-02	2.49E+00	-7.09E-03	2.50E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.74E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.27E-03	1.47E-01	4.04E-02	5.21E-01	9.27E+01	2.23E+00	4.40E-07	1.81E-07	7.66E-03	1.97E-04	1.11E+00	6.69E-01	9.49E+01	5.99E-03	9.49E+01	9.67E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MWN332A	4.46E-02	3.42E+00	-7.27E-03	3.42E+00	2.49E-06	0.00E+00	1.57E+03	3.47E-04	2.20E-03	2.32E-02	3.37E-03	1.76E+01	4.15E-08	4.27E-07	3.71E+01	1.05E+00	4.50E-03	1.38E-01	5.69E-02	5.50E-01	9.26E+01	2.80E+00	7.39E-07	2.55E-07	9.30E-03	2.54E-04	1.59E+00	8.60E-01	9.76E+01	6.41E-03	9.63E+01	1.11E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MWN340	2.89E-02	2.53E+00	-6.77E-03	2.53E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.75E-03	1.90E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.27E-03	1.47E-01	4.05E-02	5.23E-01	9.33E+01	2.24E+00	5.19E-07	1.82E-07	7.72E-03	1.98E-04	1.11E+00	6.69E-01	9.56E+01	5.87E-03	9.56E+01	9.74E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MWN340A	4.62E-02	3.53E+00	8.36E-03	3.51E+00	2.48E-06	0.00E+00	1.33E+03	3.49E-04	2.21E-03	2.34E-02	3.37E-03	1.82E+01	3.41E-08	4.39E-07	3.93E+01	1.06E+00	4.51E-03	1.38E-01	6.03E-02	5.81E-01	9.27E+01	2.80E+00	8.44E-07	2.67E-07	9.51E-03	2.54E-04	1.61E+00	8.25E-01	9.70E+01	6.52E-03	9.57E+01	1.11E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
MWN350	3.78E-02	2.63E+00	1.04E-02	2.62E+00	2.53E-06	0.00E+00	1.04E+03	4.62E-04	1.92E-03	2.10E-02	3.32E-03	1.83E+01	2.15E-08	4.13E-07	3.77E+01	1.35E+00	4.49E-03	1.48E-01	5.22E-02	6.07E-01	9.10E+01	2.22E+00	5.68E-07	2.46E-07	8.82E-03	2.49E-04	1.55E+00	6.85E-01	9.32E+01	6.57E-03	9.32E+01	9.54E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MWN363	3.84E-02	2.65E+00	1.06E-02	2.64E+00	2.53E-06	0.00E+00	1.04E+03	4.63E-04	1.93E-03	2.12E-02	3.34E-03	1.85E+01	2.27E-08	4.18E-07	3.82E+01	1.35E+00	4.52E-03	1.49E-01	5.29E-02	6.47E-01	9.16E+01	2.22E+00	5.69E-07	2.54E-07	8.90E-03	2.50E-04	1.59E+00	6.87E-01	9.38E+01	6.57E-03	9.38E+01	9.61E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MWN406	2.31E-02	3.18E+00	-4.10E-02	3.23E+00	2.41E-06	0.00E+00	2.52E+03	9.30E-05	2.02E-03	2.19E-02	3.50E-03	4.82E+00	3.76E-08	1.26E-07	8.93E+00	2.03E-01	4.74E-03	1.81E-01	3.37E-02	4.89E-01	1.36E+02	3.58E+00	5.00E-07	1.52E-07	7.99E-03	2.16E-04	5.98E-01	9.00E-01	1.39E+02	4.77E-04	1.39E+02	1.41E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MWN410	2.28E-02	3.21E+00	-3.63E-02	3.25E+00	2.41E-06	0.00E+00	2.52E+03	9.84E-05	1.94E-03	2.09E-02	3.49E-03	4.37E+00	2.65E-08	1.23E-07	9.20E+00	2.06E-01	4.72E-03	1.82E-01	3.38E-02	4.91E-01	1.38E+02	3.58E+00	4.92E-07	1.45E-07	7.81E-03	2.15E-04	6.06E-01	8.19E-01	1.41E+02	4.02E-04	1.41E+02	1.43E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MWN416	1.71E-02	2.57E+00	-3.92E-02	2.61E+00	2.41E-06	0.00E+00	2.23E+03	9.23E-05	1.62E-03	1.74E-02	3.13E-03	4.30E+00	2.44E-08	1.12E-07	8.63E+00	2.01E-01	4.24E-03	1.40E-01	2.75E-02	2.89E-01	1.00E+02	3.26E+00	3.20E-07	1.12E-07	6.36E-03	1.21E-04	4.51E-01	7.81E-01	1.04E+02	2.43E-04	1.04E+02	1.05E+02	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MWN420	2.51E-02	3.26E+00	-3.43E-02	3.30E+00	2.41E-06	0.00E+00	2.53E+03	9.85E-05	2.00E-03	2.15E-02	3.59E-03	5.84E+00	2.79E-08	1.50E-07	1.24E+01	2.06E-01	4.86E-03	1.82E-01	3.65E-02	5.12E-01	1.38E+02	3.59E+00	5.02E-07	1.59E-07	8.14E-03	2.19E-04	6.51E-01	8.30E-01	1.42E+02	4.17E-04	1.42E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MWN425	2.72E-02	3.30E+00	-3.31E-02	3.33E+00	2.41E-06	0.00E+00	2.53E+03	9.83E-05	2.04E-03	2.20E-02	3.69E-03	7.24E+00	2.93E-08	1.75E-07	1.54E+01	2.06E-01	4.99E-03	1.83E-01	3.89E-02	5.12E-01	1.38E+02	3.59E+00	5.10E-07	1.72E-07	8.42E-03	2.18E-04	6.07E-01	8.39E-01	1.42E+02	5.54E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MWN432	3.84E-02	3.34E+00	-9.60E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.96E+00	5.86E-07	2.42E-07	1.03E-02	2.61E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MWN440	3.85E-02	3.39E+00	-9.17E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MWN450	5.04E-02	3.53E+00	1.37E-02	3.52E+00	2.69E-06	0.00E+00	1.39E+03	6.17E-04	2.57E-03	2.82E-02	4.45E-03	2.44E+01	2.88E-08	5.52E-07	5.02E+01	1.80E+00	6.02E-03	1.99E-01	6.98E-02	8.06E-01	1.23E+02	2.95E+00	7.58E-07	3.28E-07	1.18E-02	3.31E-04	2.05E+00	9.16E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MWN463	5.12E-02	3.56E+00	1.40E-02	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.17E-04	2.58E-03	2.84E-02	4.47E-03	2.46E+01	3.03E-08	5.58E-07	5.09E+01	1.80E+00	6.06E-03	2.00E-01	7.07E-02	8.60E-01	1.24E+02	2.95E+00	7.60E-07	3.39E-07	1.19E-02	3.32E-04	2.12E+00	9.18E-01	1.26E+02	8.77E-03	1.26E+02	1.30E+02	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
MWN510	1.13E-02	1.56E+00	-1.68E-02	1.56E+00	1.46E-06	0.00E+00	1.24E+03	5.02E-05	9.57E-04	1.02E-02	1.68E-03	2.47E+00	1.41E-08	6.55E-08	5.45E+00	1.08E-01	2.29E-03	6.79E-02	1.63E-02	2.31E-01	4.86E+01	1.81E+00	1.74E-07	7.00E-08	3.85E-03	5.60E-05	3.16E-01	3.35E-01	4.92E+01	2.05E-04	4.90E+01	4.94E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MWN516	9.43E-03	1.16E+00	-1.53E-02	1.23E+00	1.45E-06	0.00E+00	1.11E+03	6.65E-05	8.68E-04	9.09E-03	1.59E-03	3.29E+00	1.23E-08	7.94E-08	6.37E+00	1.35E-01	2.17E-03	6.37E-02	1.46E-02	1.79E-01	4.97E+01	1.41E+00	1.31E-07	6.09E-08	4.20E-03	6.43E-05	2.55E-01	2.40E-01	5.14E+01	1.90E-04	5.13E+01	5.17E+01	6.39E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MWN520	9.81E-03	1.54E+00	-1.53E-02	1.55E+00	1.41E-06	0.00E+00	1.13E+03	6.66E-05	9.42E-04	9.85E-03	1.57E-03	3.40E+00	1.23E-08	8.17E-08	6.39E+00	1.35E-01	2.19E-03	6.37E-02	1.46E-02	1.99E-01	4.96E+01	1.41E+00	1.30E-07	6.39E-08	4.65E-03	6.72E-05	2.62E-01	2.40E-01	5.13E+01	1.92E-04	5.12E+01	5.18E+01	6.41E-01	0.00E+00	0.00E+00	0.00E+00	6.47E-01
MWN525	1.31E-02	1.60E+00	-4.81E-02	1.64E+00	1.55E-06	0.00E+00	1.61E+03	1.03E-04	1.37E-03	1.47E-02	1.81E-03	4.73E+00	1.69E-07	1.05E-07	1.00E+01	2.15E-01	2.36E-03	8.97E-02	1.97E-02	2.46E-01	6.24E+01	2.16E+00	2.56E-07	8.39E-08	3.99E-03	1.09E-04	5.44E-01	9.46E-01	6.39E+01	2.64E-04	6.40E+01	6.53E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-01
MWN532	1.88E-02	1.77E+00	-1.43E-02	1.77E+00	1.68E-06	0.00E+00	1.03E+03	2.89E-04	1.40E-03	1.56E-02	2.10E-03	6.89E+00	3.47E-07	1.90E-07	1.49E+01	7.48E-01	2.83E-03	9.84E-02	2.68E-02	3.28E-01	6.31E+01	2.29E+00	3.20E-07	1.19E-07	5.17E-03	1.31E-04	7.37E-01	4.83E-01	6.42E+01	4.04E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MWN540	1.93E-02	1.80E+00	-1.56E-02	1.80E+00	1.75E-06	0.00E+00	1.02E+03	2.88E-04	1.46E-03	1.61E-02	2.11E-03	7.34E+00	3.48E-07	2.05E-07	1.57E+01	7.48E-01	2.86E-03	1.01E-01	2.72E-02	3.56E-01	6.33E+01	2.39E+00	3.79E-07	1.22E-07	5.25E-03	1.35E-04	9.00E-01	5.50E-01	6.42E+01	3.98E-03	6.44E+01	6.55E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MWN602A	3.28E-02	3.28E+00	-2.84E-02	3.31E+00	2.55E-06	0.00E+00	1.65E+03	1.51E-04	2.24E-03	2.44E-02	4.16E-03	5.75E+00	3.57E-08	1.65E-07	1.04E+01	3.96E-01	5.68E-03	1.94E-01	4.62E-02	6.32E-01	1.30E+02	2.96E+00	5.48E-07	2.11E-07	1.02E-02	2.60E-04	9.71E-01	9.28E-01	1.32E+02	8.27E-03	1.33E+02	1.35E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MWN604A	3.28E-02	3.26E+00	-3.74E-02	3.30E+00	2.55E-06	0.00E+00	1.64E+03	1.72E-04	2.25E-03	2.44E-02	4.22E-03	1.01E+01	3.78E-08	2.11E-07	1.89E+01	4.59E-01	5.68E-03	1.94E-01	4.63E-02	6.30E-01	1.28E+02	2.96E+00	5.48E-07	2.11E-07	1.01E-02	2.59E-04	1.05E+00	1.28E+00	1.32E+02	8.22E-03	1.32E+02	1.34E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MWN606A	2.32E-02	3.18E+00	-3.92E-02	3.23E+00	2.41E-06	0.00E+00	2.54E+03	9.55E-05	2.01E-03	2.16E-02	3.48E-03	4.86E+00	3.84E-08	1.23E-07	9.09E+00	2.00E-01	4.70E-03	1.78E-01	3.36E-02	4.77E-01	1.34E+02	3.61E+00	4.96E-07	1.49E-07	7.80E-03	2.15E-04	6.04E-01	8.91E-01	1.38E+02	4.76E-04	1.38E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MWN610A	2.28E-02	3.18E+00	-3.93E-02	3.22E+00	2.41E-06	0.00E+00	2.54E+03	9.72E-05	1.93E-03	2.07E-02	3.47E-03	4.55E+00	3.87E-08	1.23E-07	9.95E+00	2.08E-01	4.70E-03	1.77E-01	3.32E-02	4.78E-01	1.34E+02	3.61E+00	4.94E-07	1.45E-07	7.78E-03	2.13E-04	5.94E-01	8.91E-01	1.38E+02	4.35E-04	1.38E+02	1.39E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MWN616A	2.32E-02	2.51E+00	-2.97E-02	2.50E+00	2.41E-06	0.00E+00	2.28E+03	9.51E-05	1.89E-03	2.02E-02	3.49E-03	4.98E+00	2.38E-08	1.32E-07	1.06E+01	2.02E-01	4.73E-03	1.79E-01	3.42E-02	4.76E-01	1.34E+02	2.57E+00	4.95E-07	1.47E-07	7.76E-03	2.10E-04	5.82E-01	7.18E-01	1.39E+02	4.26E-04	1.39E+02	1.40E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MWN620A	2.58E-02	2.46E+00	-2.41E-02	2.44E+00	2.31E-06	0.00E+00	1.96E+03	1.36E-04	1.85E-03	1.95E-02	3.56E-03	6.68E+00	1.79E-07	1.67E-07	1.44E+01	2.93E-01	4.81E-03	1.78E-01	3.72E-02	5.15E-01	1.31E+02	2.90E+00	5.03E-07	1.65E-07	8.02E-03	2.13E-04	6.73E-01	6.28E-01	1.36E+02	4.42E-04	1.36E+02	1.37E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MWN625A	2.78E-02	2.46E+00	-1.63E-02	2.44E+00	2.29E-06	0.00E+00	1.10E+03	1.43E-04	1.87E-03	1.97E-02	3.64E-03	7.94E+00	1.75E-07	1.81E-07	1.52E+01	3.00E-01	4.92E-03	1.78E-01	3.93E-02	5.15E-01	1.31E+02	2.85E+00	5.08E-07	1.77E-07	8.31E-03	2.13E-04	6.67E-01	5.44E-01	1.36E+02	5.81E-04	1.36E+02	1.37E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MWN632A	3.76E-02	3.29E+00	-3.83E-02	3.29E+00	2.73E-06	0.00E+00	1.41E+03	5.53E-04	2.29E-03	2.48E-02	3.95E-03	1.39E+01	6.36E-07	3.77E-07	2.90E+01	1.48E+00	5.64E-03	1.94E-01	5.30E-02	6.64E-01	1.21E+02	2.94E+00	5.85E-07	2.37E-07	1.01E-02	2.60E-04	1.50E+00	1.52E+00	1.24E+02	7.67E-03	1.24E+02	1.26E+02	2.61E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MWN640A	5.08E-02	3.75E+00	1.22E-02	3.79E+00	2.76E-06	0.00E+00	1.34E+03	5.31E-04	2.93E-03	3.03E-02	4.38E-03	2.01E+01	6.93E-08	4.70E-07	4.44E+01	1.56E+00	5.78E-03	1.86E-01	6.88E-02	6.83E-01	1.15E+02	2.74E+00	8.56E-07	2.94E-07	1.21E-02	3.22E-04	1.69E+00	9.88E-01	1.26E+02	6.62E-03	1.25E+02	1.38E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
MWS206A	1.11E-02	1.73E+00	-2.67E-02	1.71E+00	1.63E-06	0.00E+00	1.59E+03	1.19E-04	1.39E-03	1.48E-02	1.70E-03	2.67E+00	3.44E-07	7.00E-08	6.50E+00	2.86E-01	2.32E-03	6.57E-02	1.54E-02	2.50E-01	4.89E+01	2.14E+00	1.73E-07	6.87E-08	3.86E-03	5.46E-05	4.67E-01	6.85E-01	4.96E+01	2.40E-04	4.96E+01	5.02E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MWS210A	1.13E-02	1.73E+00	-2.68E-02	1.72E+00	1.62E-06	0.00E+00	1.59E+03	1.42E-04	1.38E-03	1.48E-02	1.70E-03	4.87E+00	3.42E-07	1.04E-07	9.79E+00	3.34E-01	2.32E-03	6.77E-02	1.61E-02	2.53E-01	4.87E+01	2.17E+00	1.77E-07	6.96E-08	3.86E-03	5.72E-05	5.45E-01	6.59E-01	4.93E+01	2.28E-04	4.93E+01	4.98E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
MWS216A	9.38E-03	1.13E+00	-1.48E-02	1.18E+00	1.45E-06	0.00E+00	1.13E+03	7.16E-05	6.48E-04	7.09E-03	1.54E-03	3.52E+00	1.82E-07	8.25E-08	7.11E+00	1.44E-01	2.11E-03	6.21E-02	1.49E-02	1.58E-01	4.86E+01	1.43E+00	1.45E-07	5.96E-08	3.18E-03	6.34E-05	2.85E-01	2.48E-01	5.05E+01	2.02E-04	5.04E+01	5.08E+01	6.31E-01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MWS220A	1.15E-02	1.67E+00	-1.27E-02	1.63E+00	1.45E-06	0.00E+00	1.25E+03	9.09E-05	9.70E-04	1.03E-02	1.69E-03	5.12E+00	1.53E-08	1.08E-07	1.09E+01	3.08E-01	2.31E-03	9.57E-02	1.68E-02	2.50E-01	7.52E+01	1.60E+00	2.51E-07	7.45E-08	3.84E-03	1.08E-04	3.96E-01	2.71E-01	7.56E+01	1.43E-03	7.52E+01	7.67E+01	7.06E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01
MWS225A	1.61E-02	1.71E+00	-7.80E-03	1.71E+00	1.49E-06	0.00E+00	1.25E+03	1.75E-04	1.18E-03	1.23E-02	1.84E-03	9.11E+00	1.37E-08	1.68E-07	2.10E+01	3.91E-01	2.51E-03	9.08E-02	2.60E-02	3.03E-01	6.45E+01	1.53E+00	2.57E-07	1.19E-07	4.56E-03	1.14E-04	6.78E-01	2.45E-01	6.49E+01	1.56E-03	6.46E+01	6.63E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MWS232A	2.23E-02	1.98E+00	-1.13E-02	2.00E+00	1.74E-06	0.00E+00	1.32E+03	2.51E-04	1.43E-03	1.55E-02	2.22E-03	9.09E+00	3.05E-08	2.49E-07	1.99E+01	6.77E-01	2.88E-03	9.34E-02	3.12E-02	3.35E-01	6.35E+01	2.36E+00	3.35E-07	1.50E-07	5.79E-03	1.63E-04	1.07E+00	6.50E-01	6.58E+01	4.32E-03	6.59E+01	6.72E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MWS240A	2.25E-02	1.98E+00	-9.31E-03	1.98E+00	1.71E-06	0.00E+00	1.25E+03	2.51E-04	1.42E-03	1.55E-02	2.23E-03	9.75E+00	3.12E-08	2.53E-07	2.07E+01	6.75E-01	2.89E-03	9.36E-02	3.18E-02	3.35E-01	6.32E+01	2.38E+00	3.99E-07	1.51E-07	5.77E-03	1.62E-04	1.09E+00	6.54E-01	6.45E+01	4.31E-03	6.50E+01	6.67E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MWS306A	2.08E-02	3.00E+00	-4.61E-02	3.07E+00	2.13E-06	0.00E+00	1.99E+03	1.63E-04	1.63E-03	1.77E-02	2.69E-03	5.80E+00	4.76E-07	1.31E-07	1.13E+01	3.46E-01	3.50E-03	1.36E-01	2.90E-02	4.14E-01	1.06E+02	3.19E+00	3.84E-07	1.41E-07	6.25E-03	1.71E-04	6.58E-01	1.22E+00	1.07E+02	3.64E-04	1.08E+02	1.11E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MWS310A	2.00E-02	2.62E+00	-2.83E-02	2.66E+00	2.27E-06	0.00E+00	1.91E+03	1.42E-04	1.62E-03	1.76E-02	2.47E-03	4.64E+00	4.73E-07	1.23E-07	9.94E+00	3.01E-01	3.35E-03	1.30E-01	2.75E-02	4.11E-01	9.00E+01	3.14E+00	3.84E-07	1.36E-07	6.24E-03	1.59E-04	6.28E-01	8.15E-01	9.20E+01	3.42E-04	9.24E+01	9.54E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MWS316A	2.02E-02	2.77E+00	-2.81E-02	2.85E+00	2.27E-06	0.00E+00	1.99E+03	1.40E-04	1.61E-03	1.76E-02	2.59E-03	4.61E+00	4.72E-07	1.20E-07	1.01E+01	3.12E-01	3.49E-03	1.36E-01	2.87E-02	4.14E-01	9.41E+01	3.14E+00	3.84E-07	1.35E-07	6.28E-03	1.67E-04	6.31E-01	8.17E-01	9.66E+01	3.40E-04	9.68E+01	1.01E+02	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MWS320A	2.30E-02	2.58E+00	-1.52E-02	2.59E+00	2.17E-06	0.00E+00	1.07E+03	1.08E-04	1.22E-03	1.32E-02	2.57E-03	6.42E+00	1.79E-08	1.33E-07	1.61E+01	3.39E-01	3.46E-03	1.31E-01	3.66E-02	4.04E-01	1.00E+02	2.96E+00	3.81E-07	1.52E-07	6.37E-03	1.63E-04	5.48E-01	4.40E-01	1.02E+02	2.11E-03	1.02E+02	1.06E+02	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MWS325A	2.60E-02	2.64E+00	-1.27E-02	2.64E+00	1.97E-06	0.00E+00	1.07E+03	1.66E-04	1.57E-03	1.67E-02	2.72E-03	1.05E+01	1.83E-08	2.18E-07	2.30E+01	3.63E-01	3.66E-03	1.26E-01	3.63E-02	4.20E-01	1.01E+02	2.90E+00	4.04E-07	1.72E-07	7.15E-03	1.78E-04	8.12E-01	4.53E-01	1.03E+02	2.39E-03	1.03E+02	1.07E+02	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MWS332A	3.23E-02	3.45E+00	-6.78E-03	3.53E+00	2.45E-06	0.00E+00	1.15E+03	4.14E-04	2.12E-03	2.29E-02	3.16E-03	1.26E+01	3.81E-08	3.26E-07	2.68E+01	1.18E+00	4.27E-03	1.46E-01	4.50E-02	5.51E-01	9.54E+01	2.92E+00	4.73E-07	2.12E-07	8.59E-03	2.31E-04	1.28E+00	8.49E-01	9.73E+01	7.36E-03	9.73E+01	9.90E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MWS340A	3.29E-02	3.47E+00	-3.82E-03	3.52E+00	2.47E-06	0.00E+00	1.15E+03	4.15E-04	2.09E-03	2.30E-02	3.16E-03	1.26E+01	3.84E-08	3.35E-07	2.71E+01	1.18E+00	4.28E-03	1.46E-01	4.59E-02	5.68E-01	9.56E+01	2.92E+00	5.89E-07	2.18E-07	8.65E-03	2.30E-04	1.26E+00	8.49E-01	9.74E+01	7.34E-03	9.74E+01	9.90E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MWS606A	2.57E-02	3.16E+00	-4.89E-02	3.20E+00	2.54E-06	0.00E+00	2.55E+03	2.19E-04	2.04E-03	2.23E-02	3.41E-03	7.26E+00	6.34E-07	1.49E-07	1.33E+01	4.75E-01	4.52E-03	1.77E-01	3.84E-02	5.45E-01	1.19E+02	3.61E+00	5.30E-07	1.69E-07	8.26E-03	2.33E-04	8.02E-01	1.55E+00	1.22E+02	5.29E-04	1.22E+02	1.23E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MWS610A	2.59E-02	3.17E+00	-4.10E-02	3.20E+00	2.54E-06	0.00E+00	2.49E+03	1.79E-04	2.07E-03	2.26E-02	3.40E-03	5.49E+00	6.31E-07	1.53E-07	1.19E+01	3.92E-01	4.49E-03	1.75E-01	3.84E-02	5.51E-01	1.19E+02	3.62E+00	5.25E-07	1.68E-07	8.34E-03	2.35E-04	8.18E-01	1.26E+00	1.23E+02	4.72E-04	1.23E+02	1.24E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MWS616A	2.63E-02	3.18E+00	-2.87E-02	3.21E+00	2.54E-06	0.00E+00	2.51E+03	1.76E-04	2.02E-03	2.21E-02	3.35E-03	5.58E+00	6.31E-07	1.53E-07	1.25E+01	3.91E-01	4.53E-03	1.79E-01	3.89E-02	5.53E-01	1.20E+02	3.61E+00	5.30E-07	1.70E-07	8.29E-03	2.36E-04	7.95E-01	8.84E-01	1.23E+02	4.71E-04	1.23E+02	1.25E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MWS620A	2.78E-02	2.67E+00	-1.67E-02	2.66E+00	2.34E-06	0.00E+00	1.09E+03	1.36E-04	1.91E-03	2.03E-02	3.42E-03	7.59E+00	1.90E-08	1.54E-07	1.94E+01	4.24E-01	4.63E-03	1.75E-01	4.27E-02	5.05E-01	1.20E+02	2.89E+00	5.38E-07	1.74E-07	8.97E-03	2.28E-04	6.46E-01	6.25E-01	1.24E+02	2.76E-03	1.24E+02	1.25E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MWS625A	3.46E-02	2.71E+00	-1.76E-02	2.68E+00	2.31E-06	0.00E+00	1.09E+03	1.73E-04	2.07E-03	2.18E-02	3.60E-03	1.29E+01	1.91E-08	2.65E-07	2.76E+01	4.08E-01	4.96E-03	1.68E-01	4.47E-02	5.30E-01	1.27E+02	2.84E+00	5.53E-07	2.24E-07	9.69E-03	2.31E-04	8.70E-01	6.34E-01	1.31E+02	3.30E-03	1.31E+02	1.34E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MWS632A	4.85E-02	3.52E+00	-7.35E-03	3.52E+00	2.66E-06	0.00E+00	1.41E+03	5.00E-04	2.72E-03	2.90E-02	4.42E-03	1.90E+01	4.44E-08	4.41E-07	4.14E+01	1.48E+00	5.71E-03	1.79E-01	6.09E-02	6.54E-01	1.18E+02	2.69E+00	6.04E-07	2.81E-07	1.15E-02	3.03E-04	1.64E+00	1.15E+00	1.24E+02	7.86E-03	1.25E+02	1.30E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+00
MWS640A	4.98E-02	3.54E+00	-7.27E-04	3.52E+00	2.66E-06	0.00E+00	1.35E+03	5.05E-04	2.80E-03	2.96E-02	4.36E-03	1.97E+01	4.61E-08	4.54E-07	4.37E+01	1.49E+00	5.71E-03	1.78E-01	6.20E-02	6.81E-01	1.16E+02	2.70E+00	6.63E-07	2.91E-07	1.16E-02	3.06E-04	1.65E+00	9.91E-01	1.23E+02	7.90E-03	1.23E+02	1.29E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00
MX106	6.45E-03	9.65E-01	-1.98E-02	9.51E-01	3.92E-07	0.00E+00	1.04E+03	2.70E-05	7.07E-04	7.36E-03	9.64E-04	1.36E+00	1.26E-08	3.53E-08	2.68E+00	5.18E-02	1.26E-03	5.52E-02	1.11E-02	1.20E-01	3.74E+01	1.15E+00	1.24E-07	4.39E-08	2.17E-03	4.28E-05	1.45E-01	4.02E-01	3.84E+01	1.11E-04	3.86E+01	3.92E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MX110	6.38E-03	8.56E-01	-9.46E-03	8.67E-01	2.82E-07	0.00E+00	6.91E+02	2.56E-05	5.10E-04	5.49E-03	9.05E-04	1.30E+00	1.02E-08	3.40E-08	2.65E+00	5.10E-02	1.23E-03	4.96E-02	9.41E-03	1.12E-01	3.66E+01	9.50E-01	1.25E-07	4.06E-08	2.07E-03	4.25E-05	1.47E-01	2.11E-01	3.75E+01	1.01E-04	3.75E+01	3.81E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
MX113	6.88E-03	9.67E-01	-1.08E-02	9.38E-01	3.27E-07	0.00E+00	6.92E+02	2.92E-05	7.22E-04	7.51E-03	9.38E-04	1.52E+00	1.27E-08	3.84E-08	3.40E+00	5.71E-02	1.26E-03	5.53E-02	9.96E-03	1.62E-01	3.71E+01	1.16E+00	1.25E-07	4.67E-08	2.26E-03	4.54E-05	1.54E-01	3.10E-01	3.81E+01	1.20E-04	3.82E+01	3.86E+01	4.45E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
MX116	4.31E-03	6.76E-01	-9.46E-03	6.87E-01	2.83E-07	0.00E+00	5.77E+02	2.39E-05	4.32E-04	4.63E-03	7.98E-04	1.10E+00	1.02E-08	2.87E-08	2.18E+00	4.95E-02	1.08E-03	3.67E-02	7.19E-03	7.44E-02	2.60E+01	8.08E-01	7.93E-08	2.77E-08	1.71E-03	1.84E-05	1.08E-01	1.99E-01	2.69E+01	5.77E-05	2.69E+01	2.70E+01	3.17E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MX120	7.29E-03	9.64E-01	-9.97E-03	9.41E-01	2.96E-07	0.00E+00	6.96E+02	5.41E-05	7.28E-04	7.55E-03	9.46E-04	1.68E+00	5.09E-08	5.07E-08	3.98E+00	8.35E-02	1.29E-03	5.12E-02	1.05E-02	1.65E-01	3.73E+01	9.51E-01	1.26E-07	4.88E-08	2.37E-03	4.50E-05	1.65E-01	2.56E-01	3.83E+01	1.43E-04	3.83E+01	3.88E+01	4.68E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
MX125	7.17E-03	8.70E-01	-8.77E-03	8.77E-01	1.57E-07	0.00E+00	6.97E+02	3.19E-05	5.34E-04	5.73E-03	9.47E-04	1.75E+00	1.04E-08	4.93E-08	3.94E+00	6.38E-02	1.29E-03	4.97E-02	1.04E-02	1.19E-01	3.72E+01	9.45E-01	1.26E-07	4.70E-08	2.23E-03	4.52E-05	1.67E-01	2.12E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
MX132	1.12E-02	1.08E+00	-1.06E-03	1.08E+00	6.22E-07	0.00E+00	4.09E+02	1.58E-04	8.39E-04	9.09E-03	1.07E-03	4.84E+00	1.74E-08	1.29E-07	1.02E+01	4.60E-01	1.45E-03	6.35E-02	2.16E-02	1.87E-01	3.19E+01	1.07E+00	2.95E-07	7.23E-08	3.04E-03	7.18E-05	5.00E-01	2.59E-01	3.30E+01	3.16E-03	3.31E+01	3.69E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MX140	1.12E-02	1.08E+00	4.24E-03	1.08E+00	6.27E-07	0.00E+00	4.17E+02	1.75E-04	8.43E-04	9.18E-03	1.07E-03	5.71E+00	1.78E-08	1.38E-07	1.18E+01	5.44E-01	1.46E-03	6.40E-02	2.22E-02	1.89E-01	3.11E+01	1.15E+00	2.96E-07	7.56E-08	3.18E-03	7.30E-05	5.18E-01	2.61E-01	3.21E+01	3.18E-03	3.22E+01	3.58E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	8.08E-01
MX206	1.19E-02	1.70E+00	-3.35E-02	1.74E+00	6.99E-07	0.00E+00	1.52E+03	5.16E-05	1.39E-03	1.46E-02	1.80E-03	2.18E+00	3.25E-08	6.60E-08	4.50E+00	1.06E-01	2.49E-03	9.34E-02	1.60E-02	2.51E-01	6.96E+01	2.12E+00	2.51E-07	7.56E-08	4.15E-03	1.05E-04	3.60E-01	6.94E-01	7.19E+01	2.11E-04	7.21E+01	7.29E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
MX210	1.27E-02	1.72E+00	-3.35E-02	1.76E+00	6.89E-07	0.00E+00	1.53E+03	5.57E-05	1.39E-03	1.47E-02	1.81E-03	2.48E+00	3.26E-08	7.11E-08	5.07E+00	1.11E-01	2.49E-03	9.62E-02	1.64E-02	2.48E-01	7.09E+01	2.16E+00	2.51E-07	7.94E-08	4.21E-03	1.07E-04	4.04E-01	6.94E-01	7.28E+01	2.12E-04	7.28E+01	7.39E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MX213	1.29E-02	1.80E+00	-3.17E-02	1.82E+00	6.91E-07	0.00E+00	1.48E+03	5.95E-05	1.39E-03	1.48E-02	1.83E-03	2.70E+00	2.11E-08	7.53E-08	5.22E+00	1.18E-01	2.51E-03	9.71E-02	1.84E-02	2.57E-01	7.24E+01	2.16E+00	2.52E-07	8.03E-08	4.24E-03	1.08E-04	4.02E-01	6.37E-01	7.45E+01	2.17E-04	7.46E+01	7.54E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
MX216	1.29E-02	1.80E+00	-2.85E-02	1.82E+00	6.93E-07	0.00E+00	1.48E+03	5.95E-05	1.39E-03	1.48E-02	1.83E-03	2.68E+00	2.12E-08	7.51E-08	5.24E+00	1.18E-01	2.51E-03	9.70E-02	1.86E-02	2.55E-01	7.23E+01	2.16E+00	2.52E-07	8.07E-08	4.25E-03	1.08E-04	4.02E-01	5.51E-01	7.45E+01	2.19E-04	7.46E+01	7.53E+01	7.77E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
MX220	1.35E-02	1.79E+00	-1.93E-02	1.78E+00	4.32E-07	0.00E+00	1.46E+03	5.21E-05	1.38E-03	1.47E-02	1.88E-03	2.73E+00	1.78E-08	7.33E-08	5.74E+00	1.05E-01	2.54E-03	9.50E-02	1.97E-02	2.64E-01	7.24E+01	2.16E+00	2.53E-07	8.60E-08	4.48E-03	1.09E-04	3.10E-01	4.44E-01	7.45E+01	2.20E-04	7.45E+01	7.52E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MX225	1.48E-02	1.68E+00	-1.39E-02	1.69E+00	3.59E-07	0.00E+00	1.34E+03	5.77E-05	1.06E-03	1.11E-02	1.91E-03	3.66E+00	1.33E-08	9.43E-08	7.90E+00	1.20E-01	2.61E-03	9.50E-02	2.21E-02	2.69E-01	7.23E+01	1.69E+00	2.59E-07	9.33E-08	4.58E-03	1.08E-04	3.24E-01	2.65E-01	7.43E+01	2.53E-04	7.39E+01	7.40E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MX232	2.14E-02	2.02E+00	-8.60E-03	2.09E+00	1.40E-06	0.00E+00	1.48E+03	2.48E-04	1.55E-03	1.70E-02	2.11E-03	8.75E+00	2.90E-08	2.40E-07	1.91E+01	5.51E-01	2.87E-03	1.07E-01	3.58E-02	3.24E-01	6.54E+01	2.34E+00	4.70E-07	1.38E-07	5.56E-03	1.56E-04	9.64E-01	5.64E-01	6.82E+01	3.87E-03	6.82E+01	7.04E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MX240	2.32E-02	2.01E+00	3.14E-03	2.05E+00	1.37E-06	0.00E+00	1.33E+03	2.72E-04	1.53E-03	1.70E-02	2.13E-03	9.70E+00	2.76E-08	2.55E-07	2.21E+01	6.11E-01	2.88E-03	1.04E-01	4.15E-02	3.30E-01	6.51E+01	2.30E+00	5.49E-07	1.52E-07	5.51E-03	1.54E-04	8.94E-01	5.56E-01	6.77E+01	3.93E-03	6.78E+01	7.05E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MX306	1.79E-02	3.04E+00	-3.76E-02	3.08E+00	1.37E-06	0.00E+00	2.04E+03	7.30E-05	1.61E-03	1.72E-02	2.69E-03	3.88E+00	3.73E-08	9.56E-08	6.79E+00	1.60E-01	3.64E-03	1.41E-01	2.60E-02	3.61E-01	1.09E+02	3.03E+00	3.68E-07	1.11E-07	6.07E-03	1.59E-04	4.87E-01	8.27E-01	1.10E+02	3.74E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MX310	1.81E-02	3.12E+00	-4.05E-02	3.20E+00	1.38E-06	0.00E+00	2.06E+03	7.67E-05	1.62E-03	1.72E-02	2.72E-03	4.04E+00	3.75E-08	1.06E-07	8.67E+00	1.58E-01	3.68E-03	1.41E-01	2.63E-02	3.61E-01	1.09E+02	3.05E+00	3.74E-07	1.11E-07	6.15E-03	1.63E-04	5.07E-01	8.38E-01	1.11E+02	3.44E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MX313	1.94E-02	3.14E+00	-3.55E-02	3.21E+00	1.39E-06	0.00E+00	2.07E+03	7.89E-05	1.71E-03	1.82E-02	2.76E-03	4.04E+00	3.50E-08	1.08E-07	8.73E+00	1.58E-01	3.73E-03	1.42E-01	2.67E-02	3.70E-01	1.09E+02	3.05E+00	3.73E-07	1.23E-07	6.40E-03	1.65E-04	5.08E-01	8.25E-01	1.11E+02	3.45E-04	1.12E+02	1.13E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MX316	1.97E-02	3.13E+00	-3.55E-02	3.20E+00	1.39E-06	0.00E+00	2.07E+03	7.95E-05	1.71E-03	1.82E-02	2.76E-03	4.05E+00	3.74E-08	1.10E-07	8.79E+00	1.58E-01	3.73E-03	1.42E-01	2.80E-02	3.76E-01	1.09E+02	3.05E+00	3.73E-07	1.25E-07	6.39E-03	1.65E-04	5.08E-01	8.25E-01	1.11E+02	3.40E-04	1.12E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MX320	2.08E-02	3.14E+00	-3.48E-02	3.21E+00	1.35E-06	0.00E+00	2.09E+03	7.92E-05	1.76E-03	1.85E-02	2.84E-03	4.37E+00	2.47E-08	1.18E-07	9.30E+00	1.59E-01	3.86E-03	1.43E-01	2.86E-02	3.81E-01	1.09E+02	3.21E+00	3.76E-07	1.31E-07	6.59E-03	1.66E-04	5.08E-01	7.93E-01	1.11E+02	3.60E-04	1.12E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MX325	2.13E-02	2.52E+00	-1.55E-02	2.52E+00	1.01E-06	0.00E+00	1.16E+03	7.01E-05	1.53E-03	1.61E-02	2.84E-03	5.41E+00	1.75E-08	1.31E-07	1.14E+01	1.48E-01	3.88E-03	1.42E-01	2.90E-02	3.85E-01	1.08E+02	3.12E+00	3.75E-07	1.36E-07	6.60E-03	1.61E-04	4.55E-01	4.66E-01	1.10E+02	3.94E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MX332	4.35E-02	3.42E+00	-7.66E-03	3.43E+00	2.20E-06	0.00E+00	1.87E+03	3.26E-04	2.20E-03	2.29E-02	3.31E-03	1.72E+01	3.13E-08	4.24E-07	3.49E+01	8.56E-01	4.45E-03	1.44E-01	5.63E-02	5.26E-01	9.31E+01	2.92E+00	7.43E-07	2.49E-07	9.12E-03	2.60E-04	1.50E+00	7.68E-01	9.87E+01	5.59E-03	9.74E+01	1.12E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MX340	4.63E-02	3.54E+00	9.72E-03	3.51E+00	2.23E-06	0.00E+00	1.70E+03	3.32E-04	2.24E-03	2.32E-02	3.34E-03	1.80E+01	3.25E-08	4.36E-07	3.72E+01	8.84E-01	4.50E-03	1.44E-01	6.07E-02	5.60E-01	9.31E+01	2.93E+00	8.62E-07	2.70E-07	9.43E-03	2.62E-04	1.52E+00	7.66E-01	9.78E+01	5.67E-03	9.66E+01	1.12E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
MX406	2.25E-02	2.52E+00	-1.81E-02	2.53E+00	1.76E-06	0.00E+00	1.23E+03	7.83E-05	1.82E-03	1.92E-02	3.31E-03	3.94E+00	1.78E-08	1.21E-07	8.23E+00	1.78E-01	4.48E-03	1.50E-01	3.33E-02	4.68E-01	1.07E+02	2.93E+00	4.25E-07	1.42E-07	7.76E-03	2.05E-04	5.08E-01	5.99E-01	1.09E+02	4.63E-04	1.09E+02	1.10E+02	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MX410	2.25E-02	2.53E+00	-1.74E-02	2.53E+00	1.74E-06	0.00E+00	1.14E+03	8.64E-05	1.82E-03	1.93E-02	3.32E-03	4.22E+00	1.79E-08	1.16E-07	9.09E+00	1.84E-01	4.49E-03	1.50E-01	3.34E-02	4.66E-01	1.08E+02	2.95E+00	4.30E-07	1.41E-07	7.69E-03	2.06E-04	5.24E-01	5.96E-01	1.10E+02	4.21E-04	1.10E+02	1.11E+02	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MX416	2.81E-02	3.26E+00	-4.12E-02	3.29E+00	1.96E-06	0.00E+00	2.37E+03	9.84E-05	2.14E-03	2.33E-02	3.80E-03	7.43E+00	3.80E-08	1.55E-07	1.32E+01	2.04E-01	5.01E-03	1.77E-01	3.70E-02	5.07E-01	1.26E+02	3.56E+00	4.97E-07	1.83E-07	9.15E-03	2.22E-04	6.34E-01	9.75E-01	1.29E+02	6.39E-04	1.29E+02	1.33E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MX420	4.50E-02	4.52E+00	-5.13E-02	5.18E+00	3.06E-06	0.00E+00	2.58E+03	4.29E-04	3.47E-03	3.37E-02	4.56E-03	1.89E+01	5.45E-08	3.60E-07	2.75E+01	1.21E+00	7.01E-03	2.87E-01	7.60E-02	9.55E-01	1.84E+02	5.21E+00	1.62E-06	3.32E-07	1.57E-02	3.75E-04	2.50E+00	1.59E+00	1.94E+02	6.98E-04	1.87E+02	1.92E+02	4.97E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+00
MX425	2.92E-02	2.56E+00	-1.59E-02	2.54E+00	1.68E-06	0.00E+00	1.14E+03	1.98E-04	1.95E-03	2.06E-02	3.83E-03	8.02E+00	1.82E-08	1.90E-07	1.71E+01	5.59E-01	5.23E-03	1.74E-01	4.07E-02	5.15E-01	1.24E+02	2.83E+00	5.03E-07	1.87E-07	9.44E-03	2.25E-04	7.52E-01	5.46E-01	1.28E+02	6.80E-04	1.27E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00

MX432	4.88E-02	3.61E+00	-6.89E-03	3.65E+00	2.49E-06	0.00E+00	2.29E+03	4.49E-04	2.76E-03	2.85E-02	4.33E-03	1.90E+01	4.29E-08	4.36E-07	3.85E+01	1.22E+00	5.82E-03	1.86E-01	6.38E-02	6.56E-01	1.08E+02	2.99E+00	8.03E-07	2.84E-07	1.20E-02	3.03E-04	1.70E+00	1.05E+00	1.17E+02	5.57E-03	1.18E+02	1.34E+02	2.67E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MX440	4.99E-02	3.74E+00	1.39E-02	3.77E+00	2.49E-06	0.00E+00	1.97E+03	4.61E-04	2.77E-03	2.87E-02	4.28E-03	1.95E+01	4.44E-08	4.56E-07	4.05E+01	1.27E+00	5.82E-03	1.85E-01	6.68E-02	6.79E-01	1.06E+02	2.97E+00	8.72E-07	2.94E-07	1.21E-02	3.04E-04	1.70E+00	9.89E-01	1.14E+02	5.72E-03	1.15E+02	1.31E+02	2.66E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
MXN106	5.80E-03	8.96E-01	-1.10E-02	8.83E-01	1.03E-06	0.00E+00	6.67E+02	2.62E-05	6.89E-04	7.10E-03	8.85E-04	1.22E+00	1.26E-08	3.18E-08	2.32E+00	5.32E-02	1.20E-03	5.31E-02	8.60E-03	1.16E-01	3.59E+01	1.13E+00	1.24E-07	3.80E-08	2.02E-03	4.51E-05	1.44E-01	3.02E-01	3.69E+01	1.01E-04	3.70E+01	3.77E+01	3.69E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-01
MXN110	5.76E-03	9.01E-01	-1.08E-02	8.86E-01	1.01E-06	0.00E+00	6.61E+02	2.62E-05	7.01E-04	7.21E-03	8.85E-04	1.18E+00	1.26E-08	3.22E-08	2.37E+00	5.31E-02	1.20E-03	5.31E-02	8.65E-03	1.16E-01	3.56E+01	1.13E+00	1.24E-07	3.70E-08	2.03E-03	4.52E-05	1.46E-01	3.01E-01	3.67E+01	1.02E-04	3.68E+01	3.72E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MXN116	6.33E-03	9.29E-01	-9.98E-03	9.06E-01	9.15E-07	0.00E+00	6.59E+02	2.70E-05	6.92E-04	7.19E-03	8.94E-04	1.52E+00	1.23E-08	3.61E-08	2.83E+00	5.37E-02	1.21E-03	4.65E-02	9.45E-03	1.20E-01	3.55E+01	9.24E-01	1.24E-07	4.05E-08	2.10E-03	4.57E-05	1.51E-01	2.22E-01	3.64E+01	1.06E-04	3.64E+01	3.71E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	4.02E-01
MXN150	1.26E-02	1.02E+00	4.84E-03	9.92E-01	1.07E-06	0.00E+00	3.92E+02	1.40E-04	8.28E-04	8.81E-03	1.11E-03	4.83E+00	1.36E-08	1.19E-07	1.02E+01	4.72E-01	1.50E-03	5.51E-02	1.76E-02	2.12E-01	3.22E+01	9.13E-01	1.88E-07	8.23E-08	3.01E-03	7.60E-05	4.78E-01	3.59E-01	3.32E+01	2.42E-03	3.31E+01	3.42E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-01
MXN163	1.28E-02	1.02E+00	5.29E-03	9.87E-01	1.07E-06	0.00E+00	3.82E+02	1.84E-04	8.25E-04	8.83E-03	1.17E-03	7.18E+00	1.37E-08	1.48E-07	1.55E+01	5.74E-01	1.53E-03	5.50E-02	1.83E-02	2.15E-01	3.21E+01	9.23E-01	1.88E-07	8.42E-08	3.02E-03	7.72E-05	5.22E-01	3.88E-01	3.31E+01	2.42E-03	3.33E+01	3.44E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MXN206	1.58E-02	1.80E+00	-3.95E-02	1.81E+00	1.64E-06	0.00E+00	1.51E+03	5.65E-05	1.39E-03	1.48E-02	1.95E-03	2.26E+00	3.59E-08	7.00E-08	4.69E+00	1.20E-01	2.75E-03	9.47E-02	2.32E-02	2.94E-01	7.17E+01	2.12E+00	2.66E-07	9.91E-08	4.76E-03	1.05E-04	4.16E-01	7.84E-01	7.33E+01	2.35E-04	7.34E+01	7.36E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-01
MXN210	1.18E-02	1.64E+00	-2.96E-02	1.69E+00	1.61E-06	0.00E+00	1.44E+03	5.55E-05	1.37E-03	1.45E-02	1.72E-03	2.44E+00	2.05E-08	6.92E-08	5.02E+00	1.10E-01	2.38E-03	9.20E-02	1.62E-02	2.48E-01	6.86E+01	2.14E+00	2.49E-07	7.58E-08	3.95E-03	1.08E-04	4.15E-01	5.66E-01	7.02E+01	2.10E-04	7.03E+01	7.10E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	6.93E-01
MXN216	1.24E-02	1.60E+00	-2.06E-02	1.62E+00	1.50E-06	0.00E+00	1.44E+03	5.02E-05	1.37E-03	1.44E-02	1.77E-03	2.52E+00	1.60E-08	6.82E-08	5.15E+00	1.04E-01	2.39E-03	8.98E-02	1.73E-02	2.51E-01	6.85E+01	2.13E+00	2.50E-07	7.93E-08	3.99E-03	1.09E-04	3.29E-01	4.39E-01	7.00E+01	2.11E-04	7.01E+01	7.09E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	6.96E-01
MXN220	1.30E-02	1.61E+00	-1.41E-02	1.63E+00	1.45E-06	0.00E+00	1.25E+03	5.29E-05	1.02E-03	1.09E-02	1.78E-03	2.85E+00	1.47E-08	7.57E-08	6.03E+00	1.06E-01	2.44E-03	9.02E-02	1.82E-02	2.52E-01	6.88E+01	1.58E+00	2.53E-07	8.35E-08	4.10E-03	1.08E-04	3.33E-01	2.84E-01	7.03E+01	2.23E-04	6.99E+01	7.01E+01	7.56E-01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MXN225	1.41E-02	1.65E+00	-1.39E-02	1.65E+00	1.47E-06	0.00E+00	1.25E+03	5.65E-05	1.02E-03	1.08E-02	1.81E-03	3.73E+00	1.26E-08	9.42E-08	8.02E+00	1.23E-01	2.47E-03	9.11E-02	2.01E-02	2.53E-01	7.06E+01	1.58E+00	2.57E-07	9.06E-08	4.24E-03	1.09E-04	3.47E-01	2.43E-01	7.20E+01	2.77E-04	7.16E+01	7.19E+01	8.48E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MXN232	1.90E-02	1.79E+00	-2.09E-02	1.79E+00	1.79E-06	0.00E+00	1.02E+03	2.83E-04	1.43E-03	1.56E-02	2.11E-03	6.86E+00	3.47E-07	2.00E-07	1.46E+01	7.38E-01	2.87E-03	1.00E-01	2.71E-02	3.50E-01	6.29E+01	2.37E+00	3.26E-07	1.21E-07	5.23E-03	1.33E-04	8.46E-01	5.50E-01	6.41E+01	4.02E-03	6.43E+01	6.53E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MXN240	1.92E-02	1.79E+00	-1.56E-02	1.79E+00	1.78E-06	0.00E+00	1.02E+03	2.83E-04	1.44E-03	1.56E-02	2.11E-03	7.04E+00	3.50E-07	2.02E-07	1.49E+01	7.39E-01	2.87E-03	1.00E-01	2.71E-02	3.53E-01	6.31E+01	2.37E+00	3.79E-07	1.21E-07	5.24E-03	1.34E-04	8.56E-01	5.50E-01	6.45E+01	3.97E-03	6.47E+01	6.56E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MXN250	2.27E-02	1.83E+00	6.04E-03	1.84E+00	1.72E-06	0.00E+00	1.02E+03	2.67E-04	1.48E-03	1.65E-02	2.20E-03	8.67E+00	2.00E-08	2.38E-07	1.89E+01	7.87E-01	2.99E-03	9.92E-02	3.51E-02	3.84E-01	6.16E+01	2.23E+00	3.85E-07	1.49E-07	5.51E-03	1.53E-04	7.95E-01	5.49E-01	6.31E+01	4.31E-03	6.31E+01	6.45E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MXN263	2.30E-02	1.84E+00	6.31E-03	1.85E+00	1.72E-06	0.00E+00	1.10E+03	2.64E-04	1.51E-03	1.68E-02	2.22E-03	1.00E+01	2.21E-08	2.44E-07	2.06E+01	7.94E-01	3.03E-03	1.01E-01	3.56E-02	3.92E-01	6.19E+01	2.36E+00	4.08E-07	1.52E-07	5.51E-03	1.54E-04	9.64E-01	6.52E-01	6.36E+01	4.32E-03	6.36E+01	6.48E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MXN310	1.76E-02	3.10E+00	-3.58E-02	3.16E+00	2.29E-06	0.00E+00	1.96E+03	7.76E-05	1.58E-03	1.67E-02	2.63E-03	3.83E+00	3.44E-08	1.01E-07	8.27E+00	1.65E-01	3.58E-03	1.34E-01	2.56E-02	3.64E-01	1.04E+02	2.99E+00	3.68E-07	1.12E-07	5.94E-03	1.63E-04	5.18E-01	8.28E-01	1.06E+02	3.06E-04	1.06E+02	1.07E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MXN316	2.26E-02	3.13E+00	-5.07E-02	3.22E+00	2.38E-06	0.00E+00	2.07E+03	8.31E-05	1.83E-03	1.92E-02	3.13E-03	4.36E+00	3.86E-08	1.18E-07	9.24E+00	1.75E-01	4.17E-03	1.34E-01	3.25E-02	4.36E-01	1.05E+02	3.29E+00	3.97E-07	1.39E-07	6.84E-03	1.82E-04	5.41E-01	1.22E+00	1.06E+02	3.68E-04	1.07E+02	1.08E+02	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MXN320	1.88E-02	2.39E+00	-2.20E-02	2.41E+00	2.15E-06	0.00E+00	1.08E+03	7.05E-05	1.19E-03	1.31E-02	2.69E-03	4.52E+00	1.73E-08	1.15E-07	9.74E+00	1.56E-01	3.65E-03	1.30E-01	2.73E-02	3.77E-01	1.02E+02	2.98E+00	3.65E-07	1.20E-07	5.99E-03	1.59E-04	4.87E-01	5.38E-01	1.04E+02	3.46E-04	1.04E+02	1.06E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MXN325	2.34E-02	3.13E+00	-3.36E-02	3.22E+00	2.30E-06	0.00E+00	2.08E+03	8.31E-05	1.79E-03	1.89E-02	3.09E-03	5.44E+00	3.48E-08	1.32E-07	1.16E+01	1.77E-01	4.18E-03	1.35E-01	3.49E-02	4.47E-01	1.05E+02	3.33E+00	3.99E-07	1.46E-07	6.84E-03	1.83E-04	5.12E-01	8.22E-01	1.07E+02	4.02E-04	1.07E+02	1.09E+02	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MXN350	3.85E-02	3.50E+00	1.05E-02	3.57E+00	2.52E-06	0.00E+00	1.13E+03	4.49E-04	2.09E-03	2.33E-02	3.32E-03	1.83E+01	3.48E-08	4.12E-07	3.86E+01	1.28E+00	4.48E-03	1.48E-01	5.33E-02	6.36E-01	9.12E+01	2.91E+00	6.11E-07	2.54E-07	9.10E-03	2.52E-04	1.55E+00	8.56E-01	9.37E+01	6.61E-03	9.37E+01	9.58E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MXN363	3.89E-02	3.51E+00	1.08E-02	3.58E+00	2.52E-06	0.00E+00	1.13E+03	4.48E-04	2.09E-03	2.33E-02	3.32E-03	1.85E+01	3.45E-08	4.16E-07	3.87E+01	1.28E+00	4.48E-03	1.49E-01	5.37E-02	6.61E-01	9.07E+01	2.91E+00	6.12E-07	2.59E-07	9.16E-03	2.52E-04	1.58E+00	8.56E-01	9.31E+01	6.59E-03	9.30E+01	9.51E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MXN406	2.87E-02	3.23E+00	-5.47E-02	3.26E+00	2.41E-06	0.00E+00	2.53E+03	9.18E-05	2.26E-03	2.43E-02	3.72E-03	4.97E+00	3.90E-08	1.29E-07	8.51E+00	1.97E-01	5.17E-03	1.77E-01	3.56E-02	5.16E-01	1.31E+02	3.58E+00	5.06E-07	1.84E-07	9.44E-03	2.29E-04	6.44E-01	1.56E+00	1.37E+02	7.21E-04	1.37E+02	1.38E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MXN410	2.97E-02	3.25E+00	-5.52E-02	3.28E+00	2.41E-06	0.00E+00	2.53E+03	9.97E-05	2.25E-03	2.44E-02	3.65E-03	7.04E+00	5.43E-08	1.54E-07	1.23E+01	2.09E-01	5.32E-03	1.71E-01	3.61E-02	5.10E-01	1.33E+02	3.58E+00	5.03E-07	1.85E-07	9.58E-03	2.30E-04	6.69E-01	1.56E+00	1.38E+02	7.77E-04	1.38E+02	1.40E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MXN416	2.48E-02	3.24E+00	-3.70E-02	3.28E+00	2.41E-06	0.00E+00	2.50E+03	9.95E-05	1.99E-03	2.15E-02	3.55E-03	6.01E+00	3.65E-08	1.50E-07	1.32E+01	2.11E-01	4.79E-03	1.82E-01	3.60E-02	5.05E-01	1.37E+02	3.57E+00	4.96E-07	1.62E-07	8.14E-03	2.18E-04	6.44E-01	8.95E-01	1.41E+02	4.14E-04	1.41E+02	1.43E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MXN420	2.53E-02	2.47E+00	-2.28E-02	2.47E+00	2.30E-06	0.00E+00	2.25E+03	9.40E-05	1.95E-03	2.09E-02	3.60E-03	6.04E+00	2.22E-08	1.54E-07	1.33E+01	2.00E-01	4.87E-03	1.82E-01	3.66E-02	5.11E-01	1.37E+02	2.91E+00	4.95E-07	1.62E-07	8.14E-03	2.11E-04	6.53E-01	6.32E-01	1.41E+02	4.29E-04	1.41E+02	1.43E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MXN425	2.81E-02	2.47E+00	-1.69E-02	2.45E+00	2.28E-06	0.00E+00	1.09E+03	1.30E-04	1.93E-03	2.06E-02	3.72E-03	8.52E+00	1.90E-08	2.06E-07	1.61E+01	3.24E-01	5.07E-03	1.79E-01	3.99E-02	5.20E-01	1.36E+02	2.81E+00	5.01E-07	1.83E-07	9.14E-03	2.12E-04	7.36E-01	5.74E-01	1.40E+02	6.56E-04	1.40E+02	1.43E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MXN432	3.51E-02	2.50E+00	-5.99E-03	2.46E+00	2.44E-06	0.00E+00	7.18E+02	4.82E-04	2.11E-03	2.22E-02	4.07E-03	1.23E+01	4.98E-07	3.47E-07	2.63E+01	1.26E+00	5.47E-03	1.72E-01	4.60E-02	6.19E-01	1.25E+02	2.52E+00	5.43E-07	2.27E-07	9.94E-03	2.42E-04	1.32E+00	5.82E-01	1.28E+02	6.29E-03	1.28E+02	1.34E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
MXN440	3.83E-02	3.36E+00	-1.63E-02	3.39E+00	2.74E-06	0.00E+00	1.41E+03	5.72E-04	2.35E-03	2.54E-02	4.23E-03	1.40E+01	5.74E-07	3.77E-07	2.97E+01	1.49E+00	5.71E-03	1.97E-01	5.39E-02	6.93E-01	1.23E+02	2.96E+00	6.58E-07	2.40E-07	1.03E-02	2.63E-04	1.49E+00	9.45E-01	1.26E+02	6.46E-03	1.26E+02	1.30E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MXN450	4.18E-02	2.66E+00	1.18E-02	2.57E+00	2.52E-06	0.00E+00	7.06E+02	6.01E-04	2.28E-03	2.38E-02	4.24E-03	1.97E+01	1.71E-08	4.33E-07	4.30E+01	1.72E+00	5.59E-03	1.96E-01	6.13E-02	6.72E-01	1.20E+02	2.46E+00	6.61E-07	2.68E-07	1.13E-02	3.02E-04	1.61E+00	5.65E-01	1.24E+02	6.91E-03	1.23E+02	1.28E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+00
MXN463	5.07E-02	3.53E+00	1.26E-02	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.09E-04	2.58E-03	2.83E-02	4.47E-03	2.41E+01	3.82E-08	5.40E-07	4.83E+01	1.78E+00	6.04E-03	1.99E-01	6.95E-02	8.40E-01	1.21E+02	2.94E+00	7.28E-07	3.32E-07	1.18E-02	3.23E-04	2.07E+00	9.50E-01	1.24E+02	7.19E-03	1.24E+02	1.28E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MY101	8.25E-03	8.67E-01	-7.97E-03	8.78E-01	1.91E-07	0.00E+00	4.07E+02	4.81E-05	5.55E-04	5.88E-03	1.04E-03	2.12E+00	1.10E-08	6.61E-08	4.63E+00	1.50E-01	1.41E-03	4.99E-02	1.22E-02	1.64E-01	3.75E+01	8.23E-01	1.43E-07	5.04E-08	2.40E-03	5.43E-05	2.64E-01	2.22E-01	3.87E+01	2.31E-03	3.87E+01	3.89E+01	4.80E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-01
MY101E	9.66E-03	1.17E+00	-7.89E-03	1.20E+00	1.35E-07	0.00E+00	8.29E+02	5.07E-05	7.63E-04	8.59E-03	1.04E-03	2.20E+00	1.78E-08	7.88E-08	4.54E+00	1.29E-01	1.41E-03	4.57E-02	1.22E-02	2.15E-01	3.84E+01	1.32E+00	1.55E-07	6.16E-08	3.90E-03	6.55E-05	4.14E-01	2.41E-01	3.93E+01	1.75E-04	3.93E+01	3.97E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MY102	9.47E-03	1.13E+00	-7.46E-03	1.15E+00	5.47E-07	0.00E+00	4.36E+02	5.97E-05	8.26E-04	8.74E-03	1.07E-03	3.70E+00	2.50E-08	8.85E-08	6.64E+00	1.43E-01	1.45E-03	5.47E-02	1.56E-02	2.59E-01	3.76E+01	1.19E+00	1.30E-07	6.43E-08	2.98E-03	1.19E-04	4.55E-01	2.59E-01	3.82E+01	3.22E-03	3.82E+01	3.82E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	6.66E-01
MY102E	8.81E-03	1.16E+00	-7.99E-03	1.19E+00	1.34E-07	0.00E+00	7.29E+02	4.79E-05	7.52E-04	8.50E-03	1.01E-03	1.79E+00	1.71E-08	8.22E-08	4.01E+00	1.25E-01	1.36E-03	4.57E-02	1.16E-02	2.09E-01	3.84E+01	1.32E+00	1.55E-07	5.93E-08	3.89E-03	6.01E-05	3.96E-01	2.23E-01	3.93E+01	1.98E-04	3.93E+01	3.96E+01	6.23E-01	0.00E+00	0.00E+00	0.00E+00	5.00E-01
MY103	9.40E-03	1.02E+00	-7.32E-03	1.08E+00	5.44E-07	0.00E+00	4.33E+02	6.06E-05	6.78E-04	7.48E-03	1.06E-03	3.65E+00	2.53E-08	8.86E-08	6.56E+00	1.45E-01	1.43E-03	5.47E-02	1.56E-02	2.80E-01	3.75E+01	1.19E+00	1.27E-07	6.46E-08	2.88E-03	1.19E-04	4.61E-01	2.43E-01	3.82E+01	3.09E-03	3.83E+01	3.85E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MY103E	9.73E-03	1.23E+00	-8.41E-03	1.24E+00	1.68E-07	0.00E+00	7.24E+02	4.91E-05	1.05E-03	1.15E-02	1.06E-03	2.19E+00	1.68E-08	8.15E-08	4.62E+00	1.19E-01	1.43E-03	4.75E-02	1.22E-02	2.22E-01	3.83E+01	1.32E+00	1.55E-07	6.22E-08	3.85E-03	6.83E-05	4.23E-01	2.65E-01	3.92E+01	1.62E-04	3.92E+01	3.94E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
MY104	9.46E-03	1.12E+00	-7.61E-03	1.15E+00	5.49E-07	0.00E+00	4.35E+02	5.99E-05	8.18E-04	8.71E-03	1.08E-03	3.65E+00	2.48E-08	8.81E-08	6.55E+00	1.43E-01	1.46E-03	5.85E-02	1.57E-02	2.58E-01	3.75E+01	1.31E+00	1.30E-07	6.45E-08	2.98E-03	1.19E-04	4.61E-01	2.63E-01	3.79E+01	3.22E-03	3.79E+01	3.81E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	6.56E-01
MY104E	9.73E-03	1.22E+00	-8.49E-03	1.24E+00	1.67E-07	0.00E+00	7.24E+02	4.94E-05	1.05E-03	1.15E-02	1.05E-03	2.19E+00	1.67E-08	8.16E-08	4.53E+00	1.19E-01	1.42E-03	4.58E-02	1.23E-02	2.20E-01	3.84E+01	1.32E+00	1.55E-07	6.22E-08	3.85E-03	6.77E-05	4.19E-01	2.43E-01	3.92E+01	1.54E-04	3.92E+01	3.94E+01	6.77E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
MY106	6.45E-03	9.67E-01	-1.99E-02	9.52E-01	4.21E-07	0.00E+00	1.31E+03	2.70E-05	7.87E-04	8.08E-03	9.61E-04	1.34E+00	1.57E-08	3.54E-08	2.71E+00	5.17E-02	1.26E-03	5.52E-02	1.11E-02	1.18E-01	3.74E+01	1.30E+00	1.24E-07	4.38E-08	2.17E-03	4.28E-05	1.45E-01	4.08E-01	3.85E+01	1.12E-04	3.87E+01	3.90E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-01
MY106E	6.47E-03	8.53E-01	-9.48E-03	8.65E-01	3.60E-07	0.00E+00	6.95E+02	2.57E-05	5.14E-04	5.49E-03	9.65E-04	1.42E+00	1.02E-08	3.81E-08	2.99E+00	5.12E-02	1.24E-03	4.96E-02	1.13E-02	1.18E-01	3.66E+01	9.47E-01	1.25E-07	4.27E-08	2.10E-03	4.27E-05	1.51E-01	2.10E-01	3.77E+01	1.09E-04	3.77E+01	3.82E+01	4.08E-01	0.00E+00	0.00E+00	0.00E+00	4.59E-01
MY106P	9.59E-03	1.16E+00	-8.38E-03	1.13E+00	2.00E-07	0.00E+00	7.20E+02	4.96E-05	1.04E-03	1.11E-02	1.07E-03	2.19E+00	1.58E-08	6.71E-08	4.45E+00	1.10E-01	1.47E-03	4.99E-02	1.26E-02	2.11E-01	3.76E+01	1.34E+00	1.61E-07	5.98E-08	3.75E-03	7.00E-05	4.14E-01	2.69E-01	3.84E+01	2.91E-04	3.83E+01	3.87E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MY110	6.49E-03	9.69E-01	-1.88E-02	9.53E-01	3.25E-07	0.00E+00	7.05E+02	2.71E-05	7.17E-04	7.40E-03	9.66E-04	1.50E+00	1.27E-08	3.40E-08	2.72E+00	5.21E-02	1.25E-03	5.69E-02	9.84E-03	1.23E-01	3.69E+01	1.17E+00	1.24E-07	4.33E-08	2.15E-03	4.28E-05	1.48E-01	3.81E-01	3.81E+01	1.07E-04	3.83E+01	3.87E+01	3.93E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-01
MY110E	5.95E-03	8.16E-01	-1.13E-02	8.10E-01	8.05E-08	0.00E+00	7.31E+02	2.76E-05	6.81E-04	7.41E-03	8.14E-04	1.06E+00	1.44E-08	3.03E-08	2.17E+00	5.55E-02	1.11E-03	4.24E-02	6.21E-03	1.13E-01	3.65E+01	1.04E+00	1.09E-07	3.85E-08	2.08E-03	5.83E-05	2.03E-01	2.44E-01	3.73E+01	1.05E-04	3.73E+01	3.80E+01	4.17E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-01
MY110P	5.95E-03	8.22E-01	-1.13E-02	8.11E-01	8.07E-08	0.00E+00	7.32E+02	2.75E-05	6.83E-04	7.41E-03	8.16E-04	1.06E+00	1.44E-08	3.03E-08	2.17E+00	5.56E-02	1.11E-03	4.29E-02	6.96E-03	1.13E-01	3.71E+01	1.04E+00	1.10E-07	3.85E-08	2.08E-03	5.97E-05	2.02E-01	2.44E-01	3.79E+01	1.06E-04	3.79E+01	3.86E+01	4.16E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MY113	6.81E-03	9.67E-01	-1.08E-02	9.38E-01	3.27E-07	0.00E+00	6.92E+02	2.77E-05	7.18E-04	7.47E-03	8.86E-04	1.53E+00	1.26E-08	3.75E-08	3.18E+00	5.24E-02	1.25E-03	5.70E-02	9.96E-03	1.51E-01	3.69E+01	1.16E+00	1.25E-07	4.62E-08	2.24E-03	4.27E-05	1.54E-01	3.09E-01	3.81E+01	1.17E-04	3.82E+01	3.85E+01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MY116	6.51E-03	9.47E-01	-1.01E-02	9.31E-01	2.88E-07	0.00E+00	6.92E+02	2.70E-05	7.02E-04	7.31E-03	9.00E-04	1.39E+00	1.24E-08	3.63E-08	2.70E+00	5.13E-02	1.22E-03	5.20E-02	9.63E-03	1.19E-01	3.67E+01	9.50E-01	1.24E-07	4.20E-08	2.16E-03	4.25E-05	1.50E-01	2.24E-01	3.78E+01	1.09E-04	3.78E+01	3.83E+01	3.89E-01	0.00E+00	0.00E+00	0.00E+00	4.01E-01
MY116E	5.98E-03	8.08E-01	-1.14E-02	8.06E-01	7.30E-08	0.00E+00	7.33E+02	2.76E-05	6.89E-04	7.53E-03	8.14E-04	1.08E+00	1.43E-08	3.06E-08	2.18E+00	5.55E-02	1.11E-03	4.25E-02	6.22E-03	1.15E-01	3.68E+01	1.04E+00	1.10E-07	3.85E-08	2.08E-03	5.85E-05	2.03E-01	2.19E-01	3.76E+01	1.05E-04	3.76E+01	3.82E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-01
MY116P	5.98E-03	8.10E-01	-1.13E-02	8.06E-01	7.32E-08	0.00E+00	7.34E+02	2.75E-05	6.90E-04	7.53E-03	8.14E-04	1.06E+00	1.43E-08	3.06E-08	2.18E+00	5.54E-02	1.11E-03	4.25E-02	6.24E-03	1.15E-01	3.68E+01	1.03E+00	1.10E-07	3.85E-08	2.08E-03	5.85E-05	2.03E-01	2.19E-01	3.76E+01	1.05E-04	3.76E+01	3.82E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
MY120	6.69E-03	8.58E-01	-9.04E-03	8.68E-01	2.88E-07	0.00E+00	6.92E+02	3.84E-05	5.13E-04	5.50E-03	9.78E-04	1.54E+00	4.52E-08	3.84E-08	3.23E+00	6.58E-02	1.23E-03	4.95E-02	9.89E-03	1.17E-01	3.63E+01	9.51E-01	1.25E-07	4.26E-08	2.10E-03	4.27E-05	1.55E-01	2.12E-01	3.72E+01	1.07E-04	3.72E+01	3.78E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MY120E	7.86E-03	1.04E+00	-2.27E-02	1.04E+00	3.09E-07	0.00E+00	1.33E+03	2.90E-05	8.47E-04	9.16E-03	9.18E-04	1.78E+00	4.12E-08	3.97E-08	3.35E+00	5.66E-02	1.25E-03	6.22E-02	1.16E-02	1.30E-01	3.76E+01	1.34E+00	1.20E-07	5.23E-08	2.90E-03	6.25E-05	2.79E-01	4.52E-01	3.85E+01	1.16E-04	3.87E+01	3.97E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-01
MY120P	5.97E-03	8.22E-01	-1.13E-02	8.11E-01	7.32E-08	0.00E+00	7.32E+02	2.75E-05	6.99E-04	7.58E-03	8.15E-04	1.06E+00	3.80E-08	3.04E-08	2.17E+00	5.56E-02	1.11E-03	4.29E-02	7.01E-03	1.17E-01	3.73E+01	1.03E+00	1.10E-07	3.85E-08	2.08E-03	5.97E-05	2.02E-01	2.44E-01	3.82E+01	1.07E-04	3.82E+01	3.88E+01	4.19E-01	0.00E+00	0.00E+00	0.00E+00	3.02E-01
MY125	7.47E-03	8.72E-01	-8.77E-03	8.78E-01	1.57E-07	0.00E+00	6.98E+02	3.35E-05	5.38E-04	5.77E-03	9.59E-04	1.75E+00	1.04E-08	5.06E-08	3.96E+00	6.72E-02	1.30E-03	4.97E-02	1.06E-02	1.22E-01	3.72E+01	9.45E-01	1.29E-07	4.88E-08	2.24E-03	4.53E-05	1.86E-01	2.12E-01	3.81E+01	1.50E-04	3.81E+01	3.86E+01	3.95E-01	0.00E+00	0.00E+00	0.00E+00	4.58E-01
MY125E	9.00E-03	1.25E+00	-8.57E-03	1.26E+00	2.80E-07	0.00E+00	7.23E+02	5.10E-05	9.79E-04	1.05E-02	9.86E-04	1.97E+00	1.83E-07	7.12E-08	4.14E+00	1.47E-01	1.36E-03	4.49E-02	1.26E-02	2.25E-01	3.81E+01	1.31E+00	1.77E-07	5.88E-08	3.68E-03	6.33E-05	4.09E-01	2.38E-01	3.87E+01	1.58E-04	3.87E+01	3.91E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-01
MY125P	9.02E-03	1.27E+00	-8.26E-03	1.29E+00	2.63E-07	0.00E+00	7.25E+02	5.21E-05	1.05E-03	1.17E-02	9.86E-04	1.98E+00	1.83E-07	7.16E-08	4.15E+00	1.58E-01	1.36E-03	4.49E-02	1.26E-02	2.23E-01	3.81E+01	1.32E+00	1.77E-07	5.88E-08	3.82E-03	6.36E-05	4.17E-01	2.39E-01	3.86E+01	1.61E-04	3.86E+01	3.90E+01	6.83E-01	0.00E+00	0.00E+00	0.00E+00	5.43E-01
MY132	9.68E-03	9.59E-01	-4.05E-03	9.28E-01	1.59E-07	0.00E+00	3.68E+02	1.47E-04	7.82E-04	8.11E-03	1.07E-03	3.08E+00	1.79E-07	9.39E-08	6.39E+00	4.01E-01	1.44E-03	5.49E-02	1.39E-02	1.98E-01	3.21E+01	8.88E-01	1.46E-07	6.12E-08	2.67E-03	5.21E-05	3.51E-01	2.62E-01	3.29E+01	2.40E-03	3.29E+01	3.35E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
MY132E	1.18E-02	1.29E+00	-4.51E-03	1.30E+00	2.99E-07	0.00E+00	7.28E+02	1.04E-04	9.50E-04	1.02E-02	1.03E-03	2.91E+00	1.90E-07	1.06E-07	5.84E+00	2.69E-01	1.43E-03	4.66E-02	2.51E-02	2.30E-01	3.66E+01	1.33E+00	1.87E-07	7.33E-08	3.69E-03	6.96E-05	5.13E-01	2.66E-01	3.76E+01	1.62E-04	3.76E+01	3.75E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MY132P	1.17E-02	1.29E+00	-4.48E-03	1.29E+00	2.99E-07	0.00E+00	7.27E+02	1.05E-04	9.51E-04	1.02E-02	1.04E-03	3.03E+00	1.90E-07	1.06E-07	6.05E+00	2.74E-01	1.44E-03	4.66E-02	2.52E-02	2.31E-01	3.66E+01	1.32E+00	1.87E-07	7.31E-08	3.73E-03	6.96E-05	5.14E-01	2.66E-01	3.74E+01	1.62E-04	3.73E+01	3.74E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MY140	9.67E-03	9.54E-01	-3.65E-03	9.22E-01	1.54E-07	0.00E+00	3.68E+02	1.48E-04	7.78E-04	8.09E-03	1.06E-03	3.04E+00	1.64E-07	9.31E-08	6.29E+00	3.97E-01	1.43E-03	5.25E-02	1.37E-02	1.98E-01	3.21E+01	7.18E-01	1.46E-07	6.11E-08	2.66E-03	5.22E-05	3.49E-01	2.59E-01	3.29E+01	2.30E-03	3.29E+01	3.38E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
MY140E	1.18E-02	1.29E+00	-4.45E-03	1.29E+00	2.99E-07	0.00E+00	7.28E+02	1.05E-04	9.50E-04	1.02E-02	1.03E-03	2.90E+00	1.90E-07	1.06E-07	5.85E+00	2.71E-01	1.43E-03	4.70E-02	2.52E-02	2.31E-01	3.64E+01	1.33E+00	1.87E-07	7.33E-08	3.70E-03	6.96E-05	5.14E-01	2.66E-01	3.75E+01	1.66E-04	3.74E+01	3.75E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MY140P	1.16E-02	1.18E+00	-3.36E-03	1.22E+00	2.85E-07	0.00E+00	7.24E+02	1.17E-04	7.09E-04	8.11E-03	9.34E-04	3.54E+00	1.89E-07	1.10E-07	6.94E+00	2.97E-01	1.30E-03	4.48E-02	2.50E-02	1.93E-01	3.68E+01	1.32E+00	1.79E-07	7.18E-08	3.74E-03	6.68E-05	5.24E-01	2.22E-01	3.79E+01	1.90E-04	3.79E+01	3.82E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MY150	1.26E-02	1.00E+00	4.90E-03	9.68E-01	2.17E-07	0.00E+00	3.87E+02	1.54E-04	8.11E-04	8.68E-03	1.09E-03	4.97E+00	1.35E-08	1.22E-07	1.06E+01	5.13E-01	1.47E-03	4.67E-02	1.77E-02	2.06E-01	3.17E+01	7.26E-01	1.92E-07	8.35E-08	3.03E-03	7.40E-05	4.73E-01	2.39E-01	3.25E+01	2.54E-03	3.25E+01	3.37E+01	7.52E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
MY150E	1.41E-02	1.28E+00	-6.16E-04	1.27E+00	6.84E-07	0.00E+00	7.24E+02	1.09E-04	9.86E-04	1.08E-02	1.11E-03	4.17E+00	1.58E-08	1.27E-07	7.47E+00	2.97E-01	1.49E-03	4.66E-02	2.65E-02	2.41E-01	3.49E+01	1.35E+00	2.16E-07	9.16E-08	3.98E-03	8.13E-05	5.44E-01	2.66E-01	3.59E+01	3.40E-04	3.59E+01	3.60E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MY163	1.28E-02	1.02E+00	5.14E-03	9.83E-01	2.88E-07	0.00E+00	3.91E+02	1.97E-04	8.21E-04	8.85E-03	1.11E-03	6.96E+00	1.37E-08	1.50E-07	1.59E+01	6.22E-01	1.50E-03	5.35E-02	1.85E-02	2.13E-01	3.22E+01	8.92E-01	1.91E-07	8.42E-08	3.05E-03	7.65E-05	5.19E-01	3.63E-01	3.33E+01	2.78E-03	3.32E+01	3.42E+01	7.74E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MY163E	1.48E-02	1.30E+00	-6.92E-04	1.30E+00	7.05E-07	0.00E+00	7.25E+02	1.39E-04	9.88E-04	1.08E-02	1.11E-03	6.17E+00	1.59E-08	1.52E-07	1.32E+01	3.76E-01	1.50E-03	4.67E-02	2.68E-02	2.41E-01	3.48E+01	1.35E+00	2.22E-07	9.54E-08	3.98E-03	8.14E-05	5.73E-01	2.66E-01	3.59E+01	3.81E-04	3.59E+01	3.61E+01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MY201	1.68E-02	1.78E+00	-1.77E-02	1.79E+00	5.26E-07	0.00E+00	1.11E+03	6.44E-05	1.42E-03	1.53E-02	2.07E-03	2.24E+00	1.78E-08	8.40E-08	5.02E+00	2.21E-01	2.83E-03	9.75E-02	2.42E-02	3.31E-01	6.72E+01	2.07E+00	2.92E-07	1.10E-07	5.09E-03	1.30E-04	4.79E-01	4.53E-01	6.98E+01	3.92E-03	6.98E+01	7.18E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MY201E	2.06E-02	1.94E+00	-9.50E-03	1.93E+00	8.07E-07	0.00E+00	1.12E+03	6.73E-05	1.23E-03	1.27E-02	1.98E-03	3.69E+00	2.86E-08	1.14E-07	6.74E+00	1.75E-01	2.73E-03	9.40E-02	3.36E-02	3.13E-01	6.77E+01	1.79E+00	2.75E-07	1.35E-07	5.81E-03	1.48E-04	6.79E-01	3.63E-01	7.03E+01	3.85E-03	6.97E+01	6.91E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MY202	2.03E-02	2.04E+00	-2.19E-02	2.04E+00	1.30E-06	0.00E+00	1.46E+03	7.00E-05	1.50E-03	1.62E-02	2.08E-03	3.71E+00	3.40E-08	1.15E-07	6.97E+00	1.82E-01	2.87E-03	9.76E-02	3.23E-02	3.09E-01	6.76E+01	2.12E+00	2.96E-07	1.32E-07	5.86E-03	1.50E-04	6.94E-01	5.56E-01	6.99E+01	3.94E-03	6.99E+01	6.94E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MY202E	2.25E-02	2.44E+00	-2.04E-02	2.40E+00	8.13E-07	0.00E+00	1.37E+03	6.29E-05	1.87E-03	1.97E-02	2.08E-03	2.31E+00	2.23E-08	1.04E-07	4.86E+00	1.56E-01	2.85E-03	8.67E-02	3.05E-02	4.33E-01	7.06E+01	2.14E+00	3.05E-07	1.38E-07	7.29E-03	1.46E-04	6.89E-01	4.97E-01	7.18E+01	2.40E-04	7.21E+01	7.19E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MY203	2.03E-02	2.04E+00	-2.18E-02	2.04E+00	1.30E-06	0.00E+00	1.46E+03	1.39E-04	1.50E-03	1.62E-02	2.08E-03	3.77E+00	3.51E-08	1.32E-07	7.28E+00	3.28E-01	2.87E-03	9.76E-02	3.25E-02	3.10E-01	6.76E+01	2.12E+00	2.96E-07	1.32E-07	5.86E-03	1.51E-04	7.76E-01	5.57E-01	6.99E+01	3.94E-03	6.99E+01	6.94E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MY203E	2.25E-02	2.46E+00	-2.03E-02	2.41E+00	5.14E-07	0.00E+00	1.39E+03	1.09E-04	1.87E-03	1.96E-02	2.06E-03	3.40E+00	2.30E-08	1.30E-07	6.49E+00	2.57E-01	2.82E-03	8.67E-02	3.09E-02	4.35E-01	7.06E+01	2.14E+00	3.04E-07	1.39E-07	7.30E-03	1.45E-04	8.10E-01	4.96E-01	7.20E+01	2.44E-04	7.23E+01	7.20E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MY204	2.03E-02	2.04E+00	-2.18E-02	2.04E+00	1.30E-06	0.00E+00	1.46E+03	9.46E-05	1.50E-03	1.62E-02	2.08E-03	3.72E+00	3.41E-08	1.32E-07	7.19E+00	2.26E-01	2.87E-03	9.76E-02	3.25E-02	3.10E-01	6.76E+01	2.12E+00	2.96E-07	1.32E-07	5.86E-03	1.51E-04	7.67E-01	5.57E-01	6.99E+01	3.94E-03	6.99E+01	6.94E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MY204E	2.21E-02	2.36E+00	-5.78E-03	2.32E+00	3.52E-07	0.00E+00	1.13E+03	1.01E-04	1.33E-03	1.40E-02	1.94E-03	3.82E+00	1.88E-08	1.33E-07	7.68E+00	2.21E-01	2.68E-03	8.50E-02	3.19E-02	4.25E-01	7.08E+01	1.52E+00	2.87E-07	1.37E-07	7.19E-03	1.44E-04	7.92E-01	2.57E-01	7.26E+01	2.46E-04	7.20E+01	7.19E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MY206	1.18E-02	1.70E+00	-3.37E-02	1.74E+00	7.03E-07	0.00E+00	1.52E+03	5.16E-05	1.39E-03	1.46E-02	1.80E-03	2.18E+00	3.25E-08	6.60E-08	4.50E+00	1.06E-01	2.49E-03	9.43E-02	1.61E-02	2.46E-01	6.97E+01	2.12E+00	2.50E-07	7.55E-08	4.15E-03	1.05E-04	3.59E-01	6.94E-01	7.20E+01	2.15E-04	7.21E+01	7.31E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
MY206E	1.13E-02	1.67E+00	-3.47E-02	1.71E+00	5.18E-07	0.00E+00	1.71E+03	5.09E-05	1.46E-03	1.58E-02	1.64E-03	2.21E+00	4.23E-08	6.84E-08	4.46E+00	1.05E-01	2.36E-03	1.01E-01	1.36E-02	2.84E-01	6.46E+01	2.17E+00	2.55E-07	7.98E-08	4.37E-03	1.17E-04	4.41E-01	6.89E-01	6.78E+01	1.41E-04	6.78E+01	7.00E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
MY206P	2.14E-02	2.41E+00	-3.26E-02	2.38E+00	8.70E-07	0.00E+00	1.46E+03	6.13E-05	1.95E-03	2.13E-02	2.05E-03	2.32E+00	3.75E-08	9.45E-08	4.85E+00	1.46E-01	2.75E-03	9.00E-02	2.56E-02	3.99E-01	7.01E+01	2.18E+00	3.05E-07	1.34E-07	7.12E-03	1.51E-04	8.98E-01	6.94E-01	7.17E+01	4.56E-03	7.20E+01	7.18E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MY210	1.18E-02	1.65E+00	-3.37E-02	1.69E+00	6.87E-07	0.00E+00	1.51E+03	5.58E-05	1.38E-03	1.46E-02	1.74E-03	2.46E+00	2.05E-08	6.90E-08	5.05E+00	1.11E-01	2.40E-03	9.50E-02	1.61E-02	2.49E-01	7.04E+01	2.16E+00	2.49E-07	7.62E-08	4.01E-03	1.08E-04	4.05E-01	6.33E-01	7.25E+01	2.04E-04	7.25E+01	7.36E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	6.85E-01
MY210E	1.19E-02	2.03E+00	-1.58E-02	1.96E+00	8.03E-07	0.00E+00	1.04E+03	1.04E-04	1.12E-03	1.23E-02	1.64E-03	4.45E+00	4.00E-08	1.20E-07	8.89E+00	3.30E-01	2.17E-03	8.28E-02	2.54E-02	2.80E-01	5.17E+01	2.01E+00	1.55E-07	7.88E-08	4.18E-03	1.19E-04	4.91E-01	4.19E-01	5.74E+01	3.19E-04	5.74E+01	5.56E+01	7.87E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01
MY210P	1.06E-02	1.53E+00	-9.72E-03	1.57E+00	6.67E-08	0.00E+00	1.10E+03	5.50E-05	1.09E-03	1.16E-02	1.60E-03	2.21E+00	1.55E-08	6.52E-08	4.45E+00	1.26E-01	2.24E-03	9.68E-02	1.37E-02	2.73E-01	6.41E+01	1.50E+00	2.51E-07	7.60E-08	4.02E-03	1.15E-04	4.32E-01	2.40E-01	6.64E+01	1.81E-04	6.59E+01	6.81E+01	8.21E-01	0.00E+00	0.00E+00	0.00E+00	5.72E-01
MY213	1.29E-02	1.81E+00	-3.34E-02	1.82E+00	6.89E-07	0.00E+00	1.53E+03	5.98E-05	1.40E-03	1.48E-02	1.83E-03	2.70E+00	2.11E-08	7.57E-08	5.22E+00	1.19E-01	2.52E-03	9.76E-02	1.93E-02	2.60E-01	7.26E+01	2.16E+00	2.52E-07	8.11E-08	4.30E-03	1.08E-04	4.10E-01	6.34E-01	7.47E+01	2.11E-04	7.48E+01	7.56E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MY216	1.22E-02	1.65E+00	-2.17E-02	1.69E+00	5.10E-07	0.00E+00	1.44E+03	5.50E-05	1.37E-03	1.44E-02	1.80E-03	2.58E+00	1.92E-08	7.08E-08	5.16E+00	1.08E-01	2.42E-03	9.34E-02	1.70E-02	2.45E-01	7.06E+01	2.16E+00	2.51E-07	7.75E-08	4.11E-03	1.08E-04	3.08E-01	4.76E-01	7.25E+01	2.18E-04	7.26E+01	7.36E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
MY216E	1.35E-02	2.04E+00	-1.39E-02	1.97E+00	8.06E-07	0.00E+00	1.04E+03	1.37E-04	1.12E-03	1.22E-02	1.65E-03	5.17E+00	1.44E-07	1.24E-07	1.03E+01	3.76E-01	2.19E-03	8.36E-02	2.77E-02	2.80E-01	5.12E+01	2.00E+00	1.56E-07	8.80E-08	4.74E-03	1.21E-04	5.43E-01	4.19E-01	5.72E+01	3.36E-04	5.72E+01	5.55E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	8.14E-01
MY216P	9.93E-03	1.55E+00	-2.31E-02	1.57E+00	1.67E-07	0.00E+00	1.73E+03	5.94E-05	1.16E-03	1.24E-02	1.61E-03	2.33E+00	2.00E-08	6.67E-08	4.88E+00	1.08E-01	2.24E-03	6.36E-02	1.24E-02	2.17E-01	4.68E+01	2.21E+00	1.36E-07	6.44E-08	4.01E-03	7.27E-05	4.29E-01	4.57E-01	4.89E+01	1.24E-04	4.89E+01	4.98E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MY220	1.35E-02	1.79E+00	-1.93E-02	1.77E+00	4.28E-07	0.00E+00	1.46E+03	5.21E-05	1.38E-03	1.47E-02	1.88E-03	2.73E+00	1.79E-08	7.35E-08	5.75E+00	1.05E-01	2.54E-03	9.50E-02	1.97E-02	2.66E-01	7.24E+01	2.16E+00	2.54E-07	8.61E-08	4.48E-03	1.09E-04	3.16E-01	4.44E-01	7.45E+01	2.16E-04	7.45E+01	7.53E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	8.53E-01
MY220E	1.72E-02	2.20E+00	-1.93E-02	2.24E+00	6.33E-07	0.00E+00	1.43E+03	1.20E-04	1.91E-03	2.03E-02	1.82E-03	3.22E+00	1.86E-07	9.69E-08	7.11E+00	2.76E-01	2.50E-03	8.56E-02	2.21E-02	4.02E-01	7.03E+01	2.11E+00	2.63E-07	1.17E-07	6.51E-03	1.28E-04	7.47E-01	4.74E-01	7.11E+01	2.93E-04	7.11E+01	7.17E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00

MY220P	1.84E-02	2.22E+00	-1.91E-02	2.27E+00	8.43E-07	0.00E+00	1.52E+03	1.35E-04	1.91E-03	2.02E-02	1.89E-03	3.44E+00	1.97E-07	1.04E-07	7.37E+00	2.99E-01	2.50E-03	8.69E-02	2.27E-02	3.80E-01	7.04E+01	2.15E+00	2.64E-07	1.18E-07	6.58E-03	1.29E-04	8.54E-01	4.95E-01	7.10E+01	5.76E-04	7.10E+01	7.17E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MY225	1.42E-02	1.68E+00	-1.38E-02	1.69E+00	3.49E-07	0.00E+00	1.34E+03	5.77E-05	1.03E-03	1.09E-02	1.85E-03	3.65E+00	1.33E-08	9.41E-08	7.90E+00	1.20E-01	2.52E-03	9.52E-02	2.05E-02	2.59E-01	7.23E+01	1.70E+00	2.57E-07	9.07E-08	4.49E-03	1.08E-04	3.24E-01	2.44E-01	7.43E+01	2.73E-04	7.38E+01	7.40E+01	7.87E-01	0.00E+00	0.00E+00	0.00E+00	9.32E-01
MY225E	2.31E-02	2.48E+00	-1.61E-02	2.46E+00	5.63E-07	0.00E+00	1.43E+03	2.01E-04	1.84E-03	1.95E-02	2.04E-03	6.60E+00	2.64E-07	2.03E-07	1.47E+01	4.77E-01	2.74E-03	8.65E-02	3.14E-02	4.42E-01	7.03E+01	2.33E+00	3.02E-07	1.38E-07	7.31E-03	1.48E-04	9.37E-01	4.75E-01	7.18E+01	2.52E-04	7.17E+01	7.19E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MY225P	2.28E-02	2.51E+00	-1.76E-02	2.48E+00	1.09E-06	0.00E+00	1.46E+03	2.09E-04	1.83E-03	1.94E-02	2.23E-03	7.15E+00	2.86E-07	2.19E-07	1.56E+01	4.69E-01	2.97E-03	8.70E-02	3.26E-02	4.16E-01	7.00E+01	2.37E+00	3.07E-07	1.34E-07	7.35E-03	1.48E-04	1.02E+00	5.01E-01	7.08E+01	4.55E-03	7.12E+01	7.11E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MY225V	1.54E-02	1.70E+00	-1.39E-02	1.71E+00	1.66E-07	0.00E+00	1.39E+03	5.72E-05	1.06E-03	1.11E-02	1.87E-03	3.69E+00	1.37E-08	9.51E-08	8.09E+00	1.19E-01	2.56E-03	9.52E-02	2.09E-02	2.65E-01	7.22E+01	1.70E+00	2.57E-07	9.52E-08	4.62E-03	1.08E-04	3.35E-01	2.45E-01	7.42E+01	2.77E-04	7.38E+01	7.42E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MY232	2.14E-02	2.02E+00	-8.60E-03	2.08E+00	1.40E-06	0.00E+00	1.48E+03	2.50E-04	1.43E-03	1.54E-02	2.11E-03	8.90E+00	2.70E-08	2.41E-07	1.92E+01	5.61E-01	2.87E-03	1.07E-01	3.58E-02	3.24E-01	6.54E+01	2.30E+00	4.70E-07	1.38E-07	5.56E-03	1.56E-04	9.71E-01	5.59E-01	6.85E+01	3.87E-03	6.84E+01	7.07E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MY232E	2.39E-02	2.51E+00	-1.34E-02	2.50E+00	7.75E-07	0.00E+00	1.45E+03	2.04E-04	1.83E-03	1.94E-02	2.07E-03	6.68E+00	2.99E-07	2.15E-07	1.47E+01	5.07E-01	2.83E-03	8.63E-02	3.87E-02	4.61E-01	7.04E+01	2.55E+00	3.11E-07	1.46E-07	7.41E-03	1.51E-04	9.53E-01	4.77E-01	7.28E+01	2.67E-04	7.29E+01	7.43E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MY232P	2.37E-02	2.53E+00	-1.64E-02	2.51E+00	1.11E-06	0.00E+00	1.45E+03	2.11E-04	1.83E-03	1.95E-02	2.10E-03	6.99E+00	3.22E-07	2.24E-07	1.54E+01	4.71E-01	2.75E-03	8.73E-02	3.94E-02	4.31E-01	7.05E+01	2.56E+00	3.15E-07	1.43E-07	7.39E-03	1.51E-04	1.02E+00	5.41E-01	7.17E+01	4.54E-03	7.21E+01	7.21E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MY232V	1.88E-02	1.67E+00	-4.51E-03	1.68E+00	2.05E-07	0.00E+00	7.39E+02	2.84E-04	1.16E-03	1.26E-02	2.01E-03	6.94E+00	3.17E-07	1.91E-07	1.49E+01	7.16E-01	2.76E-03	9.81E-02	2.66E-02	3.37E-01	6.25E+01	1.47E+00	2.92E-07	1.18E-07	5.10E-03	1.29E-04	7.28E-01	4.20E-01	6.40E+01	3.91E-03	6.37E+01	6.45E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MY240	2.32E-02	2.01E+00	3.14E-03	2.05E+00	1.12E-06	0.00E+00	1.33E+03	2.71E-04	1.40E-03	1.53E-02	2.11E-03	9.70E+00	2.76E-08	2.55E-07	2.21E+01	6.10E-01	2.85E-03	1.04E-01	4.15E-02	3.30E-01	6.50E+01	2.30E+00	5.48E-07	1.52E-07	5.51E-03	1.54E-04	8.94E-01	5.56E-01	6.77E+01	3.92E-03	6.78E+01	7.06E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MY240E	2.47E-02	2.52E+00	-1.28E-02	2.52E+00	7.99E-07	0.00E+00	1.44E+03	2.36E-04	1.83E-03	1.94E-02	2.07E-03	6.80E+00	3.17E-07	2.28E-07	1.49E+01	5.54E-01	2.83E-03	8.65E-02	4.30E-02	4.69E-01	7.03E+01	2.58E+00	4.15E-07	1.51E-07	7.43E-03	1.52E-04	9.98E-01	4.86E-01	7.27E+01	2.71E-04	7.28E+01	7.44E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MY240P	2.45E-02	2.53E+00	-1.19E-02	2.52E+00	9.58E-07	0.00E+00	1.44E+03	2.43E-04	1.83E-03	1.95E-02	2.13E-03	7.21E+00	3.22E-07	2.41E-07	1.59E+01	5.27E-01	2.81E-03	8.72E-02	4.51E-02	4.49E-01	7.01E+01	2.60E+00	4.15E-07	1.49E-07	7.41E-03	1.52E-04	1.08E+00	4.86E-01	7.18E+01	4.55E-03	7.19E+01	7.20E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
MY250	2.25E-02	1.80E+00	6.08E-03	1.78E+00	9.38E-07	0.00E+00	1.02E+03	2.71E-04	1.48E-03	1.64E-02	2.18E-03	7.94E+00	1.85E-08	2.28E-07	1.80E+01	7.85E-01	2.96E-03	9.69E-02	3.51E-02	3.78E-01	6.17E+01	2.22E+00	3.21E-07	1.46E-07	5.53E-03	1.50E-04	8.17E-01	4.67E-01	6.32E+01	4.27E-03	6.32E+01	6.46E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MY250E	2.65E-02	2.53E+00	-5.26E-03	2.54E+00	1.27E-06	0.00E+00	1.43E+03	2.13E-04	1.89E-03	2.00E-02	2.20E-03	8.23E+00	2.08E-08	2.51E-07	1.72E+01	4.96E-01	2.97E-03	8.56E-02	4.93E-02	4.65E-01	6.92E+01	2.55E+00	3.25E-07	1.69E-07	7.63E-03	1.70E-04	9.65E-01	4.81E-01	7.09E+01	4.53E-04	7.09E+01	7.07E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MY263	2.61E-02	1.82E+00	6.44E-03	1.82E+00	9.84E-07	0.00E+00	1.03E+03	2.83E-04	1.48E-03	1.65E-02	2.20E-03	1.14E+01	2.01E-08	2.75E-07	2.07E+01	8.08E-01	2.98E-03	9.79E-02	3.57E-02	3.89E-01	6.18E+01	2.25E+00	4.05E-07	1.62E-07	5.56E-03	1.51E-04	1.02E+00	4.92E-01	6.31E+01	4.29E-03	6.33E+01	6.47E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MY263E	3.13E-02	2.55E+00	-1.78E-03	2.55E+00	1.27E-06	0.00E+00	1.41E+03	2.17E-04	1.91E-03	2.01E-02	2.20E-03	1.16E+01	2.18E-08	3.03E-07	2.02E+01	5.01E-01	2.97E-03	8.70E-02	5.18E-02	4.72E-01	6.96E+01	2.56E+00	4.44E-07	1.91E-07	7.79E-03	1.71E-04	1.23E+00	5.01E-01	7.06E+01	5.16E-04	7.10E+01	7.09E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
MY301	2.51E-02	3.00E+00	-3.04E-02	3.05E+00	2.09E-06	0.00E+00	1.25E+03	9.72E-05	2.01E-03	2.09E-02	3.16E-03	3.96E+00	2.35E-08	1.45E-07	7.79E+00	2.67E-01	4.27E-03	1.46E-01	3.51E-02	5.12E-01	1.03E+02	2.91E+00	3.98E-07	1.55E-07	7.94E-03	2.07E-04	8.36E-01	7.74E-01	1.05E+02	6.23E-03	1.05E+02	1.06E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MY301E	2.77E-02	3.14E+00	-3.21E-02	3.14E+00	2.09E-06	0.00E+00	2.19E+03	9.94E-05	1.96E-03	2.16E-02	3.32E-03	4.34E+00	3.73E-08	1.51E-07	8.22E+00	2.22E-01	4.41E-03	1.39E-01	3.76E-02	5.42E-01	9.83E+01	2.78E+00	4.12E-07	1.79E-07	8.90E-03	2.32E-04	1.06E+00	7.69E-01	1.03E+02	6.15E-03	1.03E+02	1.08E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MY302	2.77E-02	3.16E+00	-3.26E-02	3.16E+00	2.01E-06	0.00E+00	2.19E+03	1.42E-04	2.11E-03	2.29E-02	3.33E-03	4.66E+00	4.71E-08	1.68E-07	8.76E+00	3.23E-01	4.43E-03	1.39E-01	3.79E-02	5.55E-01	9.76E+01	2.77E+00	4.44E-07	1.86E-07	9.27E-03	2.54E-04	1.08E+00	8.51E-01	1.02E+02	6.17E-03	1.02E+02	1.08E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MY303	2.78E-02	3.16E+00	-3.27E-02	3.16E+00	2.01E-06	0.00E+00	2.19E+03	1.94E-04	2.11E-03	2.29E-02	3.33E-03	8.63E+00	4.72E-08	2.12E-07	1.85E+01	4.14E-01	4.43E-03	1.38E-01	3.78E-02	5.56E-01	9.61E+01	2.78E+00	4.45E-07	1.86E-07	9.27E-03	2.54E-04	1.12E+00	8.50E-01	9.96E+01	6.17E-03	9.97E+01	1.05E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MY304	2.78E-02	3.16E+00	-3.27E-02	3.16E+00	2.01E-06	0.00E+00	2.19E+03	1.76E-04	2.11E-03	2.29E-02	3.33E-03	8.54E+00	4.72E-08	2.11E-07	1.82E+01	3.91E-01	4.43E-03	1.39E-01	3.78E-02	5.55E-01	9.66E+01	2.78E+00	4.45E-07	1.86E-07	9.27E-03	2.54E-04	1.10E+00	8.51E-01	1.00E+02	6.17E-03	1.00E+02	1.06E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MY306	1.79E-02	3.04E+00	-3.77E-02	3.08E+00	1.37E-06	0.00E+00	2.04E+03	7.30E-05	1.61E-03	1.72E-02	2.69E-03	3.88E+00	3.73E-08	9.54E-08	6.79E+00	1.60E-01	3.64E-03	1.41E-01	2.60E-02	3.57E-01	1.08E+02	3.03E+00	3.68E-07	1.11E-07	6.07E-03	1.59E-04	4.86E-01	8.28E-01	1.10E+02	3.70E-04	1.10E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MY306E	1.64E-02	2.83E+00	-4.35E-02	2.88E+00	1.27E-06	0.00E+00	1.90E+03	7.13E-05	1.65E-03	1.80E-02	2.59E-03	3.85E+00	4.29E-08	1.18E-07	7.11E+00	1.56E-01	3.63E-03	1.25E-01	2.12E-02	3.46E-01	1.04E+02	2.77E+00	3.15E-07	1.07E-07	6.37E-03	1.63E-04	6.46E-01	1.22E+00	1.06E+02	3.39E-04	1.06E+02	1.07E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MY306P	2.62E-02	3.21E+00	-3.82E-02	3.31E+00	1.55E-06	0.00E+00	1.62E+03	1.29E-04	2.50E-03	2.71E-02	3.16E-03	4.51E+00	4.18E-08	1.72E-07	8.41E+00	2.92E-01	4.17E-03	1.23E-01	4.74E-02	6.04E-01	9.49E+01	2.91E+00	4.46E-07	1.78E-07	9.56E-03	2.17E-04	1.09E+00	1.05E+00	9.92E+01	6.34E-03	9.96E+01	1.01E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MY310	1.79E-02	3.12E+00	-3.75E-02	3.20E+00	1.38E-06	0.00E+00	2.06E+03	7.66E-05	1.62E-03	1.72E-02	2.72E-03	4.08E+00	3.74E-08	1.04E-07	8.80E+00	1.58E-01	3.68E-03	1.41E-01	2.60E-02	3.58E-01	1.09E+02	3.04E+00	3.72E-07	1.09E-07	6.13E-03	1.62E-04	5.07E-01	8.28E-01	1.11E+02	3.44E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MY310E	1.60E-02	2.72E+00	-4.04E-02	2.79E+00	1.30E-06	0.00E+00	1.88E+03	9.76E-05	1.64E-03	1.76E-02	2.58E-03	4.26E+00	4.31E-08	1.06E-07	8.76E+00	2.00E-01	3.60E-03	1.25E-01	2.08E-02	3.46E-01	1.03E+02	2.67E+00	3.16E-07	1.02E-07	5.94E-03	1.63E-04	6.20E-01	9.28E-01	1.05E+02	2.51E-04	1.06E+02	1.07E+02	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
MY310P	1.55E-02	2.36E+00	-7.77E-03	2.37E+00	8.68E-07	0.00E+00	1.09E+03	9.60E-05	1.27E-03	1.36E-02	2.57E-03	3.44E+00	1.76E-08	9.76E-08	6.73E+00	2.20E-01	3.60E-03	1.21E-01	2.10E-02	3.28E-01	1.01E+02	2.87E+00	4.25E-07	9.99E-08	5.87E-03	1.61E-04	5.96E-01	4.47E-01	1.04E+02	2.51E-04	1.04E+02	1.05E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-01
MY313	1.96E-02	3.14E+00	-3.57E-02	3.21E+00	1.39E-06	0.00E+00	2.07E+03	7.89E-05	1.71E-03	1.82E-02	2.76E-03	4.10E+00	3.50E-08	1.09E-07	8.88E+00	1.58E-01	3.73E-03	1.42E-01	2.67E-02	3.69E-01	1.09E+02	3.04E+00	3.73E-07	1.23E-07	6.39E-03	1.66E-04	5.07E-01	8.25E-01	1.11E+02	3.47E-04	1.12E+02	1.13E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MY316	1.98E-02	3.13E+00	-3.57E-02	3.20E+00	1.37E-06	0.00E+00	2.08E+03	7.95E-05	1.72E-03	1.82E-02	2.79E-03	4.09E+00	3.74E-08	1.10E-07	8.84E+00	1.58E-01	3.79E-03	1.42E-01	2.80E-02	3.77E-01	1.09E+02	3.06E+00	3.73E-07	1.24E-07	6.44E-03	1.65E-04	5.06E-01	8.25E-01	1.11E+02	3.42E-04	1.11E+02	1.13E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MY316E	1.73E-02	2.80E+00	-4.08E-02	2.85E+00	1.31E-06	0.00E+00	1.90E+03	1.09E-04	1.64E-03	1.78E-02	2.58E-03	4.58E+00	4.31E-08	1.23E-07	9.28E+00	2.23E-01	3.62E-03	1.26E-01	2.49E-02	3.62E-01	1.04E+02	2.77E+00	3.17E-07	1.10E-07	5.98E-03	1.66E-04	6.27E-01	1.04E+00	1.06E+02	2.71E-04	1.07E+02	1.08E+02	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MY316P	1.54E-02	2.23E+00	-3.52E-02	2.25E+00	1.10E-06	0.00E+00	1.86E+03	1.12E-04	1.41E-03	1.51E-02	2.43E-03	4.35E+00	2.29E-08	1.07E-07	9.21E+00	2.16E-01	3.33E-03	1.18E-01	2.08E-02	3.29E-01	8.00E+01	2.67E+00	4.09E-07	9.83E-08	5.91E-03	1.56E-04	6.12E-01	7.35E-01	8.25E+01	2.33E-04	8.29E+01	8.57E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MY320	2.04E-02	3.14E+00	-2.90E-02	3.21E+00	1.34E-06	0.00E+00	2.07E+03	7.56E-05	1.68E-03	1.80E-02	2.79E-03	4.41E+00	2.40E-08	1.18E-07	9.50E+00	1.51E-01	3.79E-03	1.42E-01	2.82E-02	3.78E-01	1.07E+02	3.05E+00	3.77E-07	1.27E-07	6.42E-03	1.67E-04	5.05E-01	6.72E-01	1.10E+02	3.67E-04	1.10E+02	1.11E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MY320E	2.69E-02	3.20E+00	-3.23E-02	3.22E+00	8.21E-07	0.00E+00	2.05E+03	2.06E-04	2.88E-03	3.20E-02	2.84E-03	6.67E+00	3.32E-07	1.90E-07	1.41E+01	4.24E-01	3.85E-03	1.25E-01	3.06E-02	5.21E-01	1.00E+02	3.38E+00	4.17E-07	1.82E-07	1.02E-02	1.90E-04	1.17E+00	7.53E-01	1.03E+02	4.29E-04	1.03E+02	1.05E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
MY320P	2.70E-02	3.32E+00	-3.14E-02	3.39E+00	1.22E-06	0.00E+00	1.78E+03	2.10E-04	2.67E-03	2.96E-02	2.80E-03	7.44E+00	3.10E-07	2.06E-07	1.59E+01	4.31E-01	3.81E-03	1.24E-01	3.20E-02	5.35E-01	1.04E+02	3.31E+00	4.21E-07	1.81E-07	9.54E-03	1.96E-04	1.12E+00	8.07E-01	1.06E+02	6.80E-04	1.06E+02	1.08E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
MY325	2.13E-02	2.52E+00	-1.55E-02	2.52E+00	1.01E-06	0.00E+00	1.16E+03	7.01E-05	1.53E-03	1.62E-02	2.85E-03	5.41E+00	1.75E-08	1.31E-07	1.14E+01	1.48E-01	3.89E-03	1.42E-01	2.91E-02	3.86E-01	1.08E+02	3.13E+00	3.76E-07	1.36E-07	6.61E-03	1.61E-04	4.55E-01	4.92E-01	1.10E+02	3.96E-04	1.10E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MY325E	2.87E-02	3.31E+00	-2.89E-02	3.32E+00	1.12E-06	0.00E+00	2.10E+03	2.31E-04	2.54E-03	2.71E-02	3.07E-03	7.79E+00	4.36E-07	2.51E-07	1.67E+01	4.86E-01	4.17E-03	1.27E-01	4.75E-02	6.02E-01	1.03E+02	3.57E+00	4.56E-07	1.94E-07	9.79E-03	2.11E-04	1.25E+00	7.59E-01	1.04E+02	4.39E-04	1.05E+02	1.08E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MY325P	2.89E-02	3.47E+00	-2.72E-02	3.53E+00	1.52E-06	0.00E+00	1.64E+03	2.39E-04	2.65E-03	2.79E-02	3.08E-03	8.34E+00	4.29E-07	2.61E-07	1.80E+01	4.84E-01	4.17E-03	1.25E-01	4.85E-02	6.33E-01	9.22E+01	2.87E+00	4.58E-07	1.94E-07	1.01E-02	2.13E-04	1.27E+00	7.66E-01	9.45E+01	6.34E-03	9.45E+01	9.63E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MY332	4.35E-02	3.42E+00	-7.90E-03	3.43E+00	2.26E-06	0.00E+00	1.94E+03	3.26E-04	2.20E-03	2.28E-02	3.35E-03	1.72E+01	3.19E-08	4.24E-07	3.50E+01	8.56E-01	4.50E-03	1.44E-01	5.63E-02	5.26E-01	9.31E+01	2.93E+00	7.43E-07	2.49E-07	9.14E-03	2.60E-04	1.50E+00	8.23E-01	9.87E+01	5.60E-03	9.74E+01	1.12E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MY332E	3.59E-02	3.72E+00	-1.87E-02	3.73E+00	1.20E-06	0.00E+00	2.14E+03	3.62E-04	2.68E-03	2.90E-02	3.12E-03	9.94E+00	4.81E-07	3.31E-07	2.15E+01	8.67E-01	4.24E-03	1.27E-01	6.99E-02	6.93E-01	1.07E+02	3.79E+00	5.14E-07	2.28E-07	1.12E-02	2.24E-04	1.45E+00	7.59E-01	1.10E+02	4.48E-04	1.11E+02	1.13E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00
MY332P	3.57E-02	3.72E+00	-1.64E-02	3.78E+00	1.55E-06	0.00E+00	1.68E+03	3.66E-04	2.64E-03	2.81E-02	3.13E-03	1.03E+01	4.47E-07	3.33E-07	2.30E+01	8.93E-01	4.24E-03	1.25E-01	6.40E-02	6.91E-01	9.31E+01	2.89E+00	5.10E-07	2.29E-07	1.05E-02	2.26E-04	1.47E+00	7.18E-01	9.55E+01	6.33E-03	9.55E+01	9.72E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+00
MY340	4.63E-02	3.54E+00	9.72E-03	3.51E+00	2.27E-06	0.00E+00	1.70E+03	3.32E-04	2.24E-03	2.32E-02	3.35E-03	1.80E+01	3.25E-08	4.36E-07	3.72E+01	8.84E-01	4.51E-03	1.44E-01	6.07E-02	5.60E-01	9.31E+01	2.93E+00	8.62E-07	2.70E-07	9.43E-03	2.62E-04	1.52E+00	7.68E-01	9.78E+01	5.68E-03	9.66E+01	1.12E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
MY340E	3.67E-02	3.80E+00	-1.33E-02	3.82E+00	1.03E-06	0.00E+00	2.09E+03	3.65E-04	2.66E-03	2.85E-02	3.13E-03	1.01E+01	4.58E-07	3.33E-07	2.20E+01	8.86E-01	4.24E-03	1.26E-01	6.91E-02	7.17E-01	1.08E+02	3.80E+00	6.26E-07	2.34E-07	1.06E-02	2.27E-04	1.49E+00	7.18E-01	1.12E+02	4.96E-04	1.11E+02	1.13E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
MY340P	3.68E-02	3.75E+00	-3.70E-02	3.78E+00	1.58E-06	0.00E+00	1.71E+03	3.53E-04	2.66E-03	2.85E-02	2.83E-03	1.03E+01	4.51E-07	3.32E-07	2.22E+01	8.91E-01	4.24E-03	1.23E-01	6.91E-02	7.20E-01	9.26E+01	2.90E+00	6.07E-07	2.33E-07	1.06E-02	2.28E-04	1.54E+00	1.47E+00	9.53E+01	6.31E-03	9.53E+01	9.71E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.13E+00
MY350	3.86E-02	3.51E+00	9.75E-03	3.58E+00	2.20E-06	0.00E+00	1.12E+03	4.34E-04	2.09E-03	2.33E-02	3.32E-03	1.81E+01	3.47E-08	4.12E-07	3.80E+01	1.22E+00	4.48E-03	1.46E-01	5.28E-02	6.32E-01	9.14E+01	2.90E+00	5.73E-07	2.54E-07	9.12E-03	2.53E-04	1.55E+00	8.52E-01	9.38E+01	6.62E-03	9.38E+01	9.59E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MY350E	4.57E-02	3.94E+00	-1.03E-03	3.92E+00	1.17E-06	0.00E+00	2.13E+03	3.34E-04	2.95E-03	3.16E-02	3.32E-03	1.75E+01	2.56E-08	4.42E-07	3.50E+01	8.92E-01	4.48E-03	1.31E-01	8.49E-02	7.80E-01	1.09E+02	3.97E+00	6.31E-07	2.91E-07	1.23E-02	2.78E-04	1.63E+00	7.80E-01	1.11E+02	9.62E-04	1.12E+02	1.14E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+00
MY363	3.87E-02	3.49E+00	1.00E-02	3.57E+00	2.21E-06	0.00E+00	1.12E+03	4.32E-04	2.09E-03	2.33E-02	3.32E-03	1.84E+01	2.43E-08	4.16E-07	3.88E+01	1.21E+00	4.48E-03	1.44E-01	5.30E-02	6.54E-01	9.14E+01	2.90E+00	6.06E-07	2.59E-07	9.12E-03	2.53E-04	1.58E+00	7.84E-01	9.38E+01	6.61E-03	9.38E+01	9.60E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
MY363E	4.59E-02	3.99E+00	2.94E-04	3.98E+00	1.11E-06	0.00E+00	2.14E+03	3.52E-04	2.98E-03	3.18E-02	3.32E-03	1.75E+01	2.60E-08	4.43E-07	3.55E+01	9.26E-01	4.48E-03	1.31E-01	8.56E-02	7.82E-01	1.09E+02	3.98E+00	6.93E-07	2.95E-07	1.25E-02	2.79E-04	1.69E+00	7.87E-01	1.11E+02	1.01E-03	1.12E+02	1.14E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+00
MY406P	2.58E-02	2.47E+00	-1.04E-02	2.46E+00	1.23E-06	0.00E+00	1.11E+03	9.39E-05	1.92E-03	2.04E-02	3.43E-03	4.40E+00	1.86E-08	1.41E-07	8.02E+00	1.89E-01	4.78E-03	1.71E-01	3.85E-02	4.92E-01	1.21E+02	2.83E+00	5.63E-07	1.74E-07	8.54E-03	2.11E-04	6.95E-01	5.53E-01	1.27E+02	4.87E-04	1.25E+02	1.29E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MY410P	2.39E-02	2.47E+00	-8.21E-03	2.46E+00	1.23E-06	0.00E+00	1.11E+03	1.80E-04	1.90E-03	2.01E-02	3.36E-03	7.28E+00	1.93E-08	1.70E-07	1.59E+01	3.90E-01	4.75E-03	1.71E-01	3.74E-02	4.92E-01	1.21E+02	2.83E+00	5.60E-07	1.62E-07	8.39E-03	2.11E-04	7.31E-01	5.53E-01	1.27E+02	3.64E-04	1.26E+02	1.29E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MY416P	2.49E-02	2.48E+00	-8.12E-03	2.46E+00	1.25E-06	0.00E+00	1.00E+03	2.05E-04	1.93E-03	2.04E-02	3.38E-03	8.03E+00	1.94E-08	2.02E-07	1.64E+01	4.16E-01	4.77E-03	1.71E-01	3.91E-02	4.94E-01	1.21E+02	2.83E+00	5.62E-07	1.73E-07	8.50E-03	2.13E-04	7.62E-01	5.52E-01	1.27E+02	4.05E-04	1.26E+02	1.29E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MY420E	2.88E-02	2.56E+00	-1.65E-02	2.55E+00	1.73E-06	0.00E+00	1.14E+03	9.30E-05	1.95E-03	2.08E-02	3.75E-03	7.32E+00	1.82E-08	1.58E-07	1.35E+01	1.94E-01	5.16E-03	1.75E-01	3.80E-02	5.09E-01	1.24E+02	2.90E+00	4.97E-07	1.83E-07	9.38E-03	2.18E-04	6.36E-01	6.06E-01	1.28E+02	6.61E-04	1.27E+02	1.30E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MY420P	3.20E-02	3.41E+00	-2.86E-02	3.47E+00	1.59E-06	0.00E+00	2.06E+03	2.08E-04	2.70E-03	2.96E-02	3.80E-03	1.14E+01	3.20E-07	2.41E-07	2.04E+01	4.74E-01	5.20E-03	1.64E-01	5.33E-02	6.21E-01	1.23E+02	3.74E+00	5.17E-07	2.14E-07	1.06E-02	2.57E-04	1.19E+00	9.00E-01	1.27E+02	1.13E-03	1.26E+02	1.30E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MY425E	3.01E-02	2.56E+00	-1.59E-02	2.54E+00	1.68E-06	0.00E+00	1.14E+03	1.98E-04	1.99E-03	2.09E-02	3.87E-03	8.08E+00	1.82E-08	1.91E-07	1.71E+01	5.59E-01	5.33E-03	1.70E-01	4.09E-02	5.15E-01	1.24E+02	2.83E+00	5.03E-07	1.88E-07	9.56E-03	2.26E-04	7.59E-01	5.48E-01	1.28E+02	7.14E-04	1.27E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MY425P	3.86E-02	3.62E+00	-1.95E-02	3.63E+00	1.71E-06	0.00E+00	1.88E+03	4.87E-04	2.66E-03	2.84E-02	4.11E-03	1.40E+01	4.43E-07	3.63E-07	2.63E+01	1.30E+00	5.58E-03	1.77E-01	7.04E-02	6.82E-01	1.07E+02	2.88E+00	5.37E-07	2.39E-07	1.06E-02	2.88E-04	1.52E+00	9.11E-01	1.11E+02	6.38E-03	1.11E+02	1.18E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
MY432E	4.87E-02	3.61E+00	-3.44E-03	3.65E+00	2.49E-06	0.00E+00	2.29E+03	4.50E-04	2.76E-03	2.85E-02	4.26E-03	1.90E+01	4.29E-08	4.36E-07	3.84E+01	1.22E+00	5.82E-03	1.86E-01	6.38E-02	6.55E-01	1.08E+02	2.99E+00	8.02E-07	2.84E-07	1.20E-02	3.03E-04	1.70E+00	9.85E-01	1.17E+02	5.63E-03	1.18E+02	1.34E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MY432P	3.90E-02	3.70E+00	-1.88E-02	3.70E+00	1.74E-06	0.00E+00	1.88E+03	4.97E-04	2.61E-03	2.84E-02	4.18E-03	1.40E+01	4.53E-07	3.65E-07	2.64E+01	1.32E+00	5.66E-03	1.77E-01	7.11E-02	7.06E-01	1.07E+02	2.90E+00	5.35E-07	2.44E-07	1.07E-02	2.89E-04	1.52E+00	9.11E-01	1.11E+02	6.40E-03	1.11E+02	1.17E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00
MY440E	4.98E-02	3.74E+00	1.38E-02	3.77E+00	2.48E-06	0.00E+00	1.97E+03	4.62E-04	2.77E-03	2.87E-02	4.28E-03	1.95E+01	4.44E-08	4.56E-07	4.04E+01	1.27E+00	5.82E-03	1.85E-01	6.67E-02	6.77E-01	1.06E+02	2.97E+00	8.72E-07	2.94E-07	1.21E-02	3.04E-04	1.68E+00	9.89E-01	1.14E+02	5.71E-03	1.15E+02	1.31E+02	2.60E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
MY440P	4.70E-02	3.73E+00	-1.29E-02	3.72E+00	1.75E-06	0.00E+00	1.88E+03	5.66E-04	2.67E-03	2.90E-02	4.24E-03	2.23E+01	4.56E-07	4.93E-07	3.54E+01	1.51E+00	6.06E-03	1.80E-01	7.42E-02	8.23E-01	1.06E+02	2.90E+00	6.30E-07	3.01E-07	1.11E-02	3.08E-04	2.07E+00	9.12E-01	1.10E+02	6.42E-03	1.10E+02	1.16E+02	2.86E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+00
MY450E	4.91E-02	3.54E+00	1.26E-02	3.53E+00	2.36E-06	0.00E+00	1.20E+03	5.63E-04	2.57E-03	2.82E-02	4.24E-03	2.32E+01	3.79E-08	5.31E-07	4.71E+01	1.62E+00	5.98E-03	1.91E-01	6.82E-02	7.88E-01	1.09E+02	2.93E+00	7.42E-07	3.18E-07	1.17E-02	3.23E-04	2.00E+00	9.50E-01	1.11E+02	7.32E-03	1.12E+02	1.18E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00
MY463E	4.99E-02	3.55E+00	1.23E-02	3.54E+00	2.34E-06	0.00E+00	1.20E+03	5.63E-04	2.58E-03	2.83E-02	4.27E-03	2.34E+01	3.80E-08	5.36E-07	4.75E+01	1.61E+00	6.02E-03	1.91E-01	6.86E-02	8.23E-01	1.09E+02	2.93E+00	7.44E-07	3.24E-07	1.18E-02	3.21E-04	2.04E+00	9.51E-01	1.12E+02	7.34E-03	1.12E+02	1.18E+02	2.95E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
MY525V	1.66E-02	1.69E+00	-1.17E-02	1.69E+00	1.69E-07	0.00E+00	1.25E+03	1.12E-04	1.06E-03	1.13E-02	1.96E-03	4.61E+00	1.63E-07	1.10E-07	1.02E+01	2.22E-01	2.74E-03	9.36E-02	2.64E-02	2.82E-01	7.06E+01	1.63E+00	2.65E-07	1.01E-07	4.74E-03	1.10E-04	4.38E-01	2.45E-01	7.17E+01	2.92E-04	7.13E+01	7.22E+01	8.76E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MY532V	1.86E-02	1.65E+00	-3.32E-03	1.64E+00	2.06E-07	0.00E+00	7.34E+02	2.79E-04	1.14E-03	1.21E-02	1.98E-03	6.89E+00	3.02E-07	1.90E-07	1.48E+01	7.11E-01	2.73E-03	9.59E-02	2.83E-02	3.19E-01	6.33E+01	1.31E+00	2.93E-07	1.18E-07	5.07E-03	1.29E-04	7.22E-01	2.52E-01	6.48E+01	3.54E-03	6.45E+01	6.53E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MY706P	1.20E-02	2.20E+00	-1.05E-02	2.19E+00	5.71E-07	0.00E+00	1.16E+03	5.63E-05	1.33E-03	1.41E-02	1.84E-03	2.20E+00	1.87E-08	7.15E-08	4.58E+00	1.35E-01	2.44E-03	8.67E-02	1.50E-02	3.11E-01	7.02E+01	1.54E+00	2.64E-07	8.49E-08	4.95E-03	1.35E-04	4.50E-01	2.50E-01	7.19E+01	5.85E-04	7.15E+01	7.17E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	6.22E-01
MY716P	1.36E-02	1.90E+00	-4.98E-03	1.99E+00	5.69E-07	0.00E+00	1.14E+03	1.36E-04	1.34E-03	1.41E-02	1.79E-03	3.75E+00	1.95E-08	9.68E-08	7.24E+00	2.96E-01	2.35E-03	8.73E-02	1.77E-02	3.06E-01	6.94E+01	1.51E+00	2.62E-07	9.40E-08	4.84E-03	1.29E-04	5.90E-01	2.46E-01	7.08E+01	5.94E-04	7.04E+01	7.10E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	8.00E-01
MY720P	1.40E-02	1.97E+00	-4.50E-03	2.05E+00	5.92E-07	0.00E+00	1.14E+03	1.54E-04	1.33E-03	1.41E-02	1.82E-03	4.24E+00	1.90E-07	1.12E-07	9.02E+00	3.57E-01	2.42E-03	8.73E-02	2.06E-02	3.09E-01	6.97E+01	1.52E+00	2.62E-07	9.85E-08	4.90E-03	1.29E-04	6.08E-01	2.47E-01	7.10E+01	5.93E-04	7.05E+01	7.10E+01	8.73E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-01
MY725P	2.04E-02	2.42E+00	-4.23E-03	2.38E+00	6.17E-07	0.00E+00	1.13E+03	2.08E-04	1.34E-03	1.40E-02	1.95E-03	6.86E+00	2.88E-07	1.96E-07	1.52E+01	4.65E-01	2.56E-03	8.64E-02	2.89E-02	3.89E-01	7.09E+01	1.51E+00	2.71E-07	1.26E-07	6.79E-03	1.34E-04	9.31E-01	2.51E-01	7.25E+01	3.16E-04	7.22E+01	7.21E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MY732P	2.26E-02	2.49E+00	-1.39E-02	2.47E+00	7.49E-07	0.00E+00	1.55E+03	2.11E-04	1.85E-03	1.98E-02	2.08E-03	6.92E+00	3.17E-07	2.13E-07	1.53E+01	4.78E-01	2.73E-03	8.62E-02	4.00E-02	4.32E-01	7.09E+01	2.59E+00	2.98E-07	1.39E-07	7.27E-03	1.38E-04	1.01E+00	4.85E-01	7.23E+01	3.02E-04	7.23E+01	7.28E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MY740P	2.44E-02	2.53E+00	-1.13E-02	2.52E+00	1.06E-06	0.00E+00	1.45E+03	2.44E-04	1.81E-03	1.94E-02	2.15E-03	7.21E+00	3.33E-07	2.37E-07	1.58E+01	5.43E-01	2.83E-03	8.70E-02	4.52E-02	4.47E-01	7.01E+01	2.60E+00	4.15E-07	1.49E-07	7.41E-03	1.52E-04	1.09E+00	4.78E-01	7.17E+01	4.61E-03	7.18E+01	7.21E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MYN106	5.79E-03	9.06E-01	-1.10E-02	9.04E-01	1.03E-06	0.00E+00	6.80E+02	2.62E-05	6.90E-04	7.13E-03	8.85E-04	1.21E+00	1.26E-08	3.18E-08	2.35E+00	5.31E-02	1.20E-03	5.32E-02	8.62E-03	1.16E-01	3.63E+01	1.13E+00	1.24E-07	3.83E-08	2.02E-03	4.53E-05	1.45E-01	3.58E-01	3.73E+01	1.01E-04	3.74E+01	3.79E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-01
MYN110	4.60E-03	7.22E-01	-9.44E-03	7.31E-01	9.09E-07	0.00E+00	5.85E+02	2.43E-05	4.32E-04	4.63E-03	8.00E-04	1.08E+00	1.02E-08	2.90E-08	2.18E+00	5.12E-02	1.08E-03	3.92E-02	7.11E-03	1.18E-01	2.80E+01	8.18E-01	8.52E-08	2.92E-08	1.71E-03	2.80E-05	1.12E-01	1.97E-01	2.91E+01	7.08E-05	2.91E+01	2.94E+01	3.16E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MYN116	5.17E-03	7.26E-01	-9.42E-03	7.34E-01	9.03E-07	0.00E+00	5.84E+02	2.43E-05	4.32E-04	4.64E-03	7.99E-04	1.08E+00	1.02E-08	2.93E-08	2.20E+00	5.13E-02	1.08E-03	4.41E-02	7.19E-03	1.21E-01	3.50E+01	8.18E-01	1.02E-07	3.45E-08	1.72E-03	5.08E-05	1.12E-01	1.98E-01	3.66E+01	9.38E-05	3.66E+01	3.72E+01	3.18E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-01
MYN120	5.16E-03	7.29E-01	-9.42E-03	7.37E-01	9.03E-07	0.00E+00	5.84E+02	2.43E-05	4.32E-04	4.63E-03	8.51E-04	1.09E+00	1.02E-08	2.96E-08	2.18E+00	5.13E-02	1.18E-03	4.48E-02	7.81E-03	1.22E-01	3.59E+01	8.19E-01	1.03E-07	3.44E-08	1.71E-03	5.23E-05	1.13E-01	1.98E-01	3.74E+01	9.51E-05	3.74E+01	3.81E+01	3.18E-01	0.00E+00	0.00E+00	0.00E+00	3.41E-01
MYN125	7.13E-03	8.45E-01	-8.44E-03	8.48E-01	9.02E-07	0.00E+00	6.61E+02	2.92E-05	5.27E-04	5.65E-03	9.43E-04	1.79E+00	1.03E-08	5.27E-08	3.99E+00	5.83E-02	1.28E-03	4.65E-02	1.01E-02	1.25E-01	3.61E+01	9.24E-01	1.26E-07	4.69E-08	2.21E-03	4.81E-05	1.63E-01	2.11E-01	3.66E+01	1.34E-04	3.66E+01	3.70E+01	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-01
MYN132	1.13E-02	1.08E+00	-1.30E-03	1.08E+00	9.96E-07	0.00E+00	4.13E+02	1.60E-04	8.33E-04	9.05E-03	1.07E-03	4.90E+00	1.73E-08	1.32E-07	1.05E+01	4.68E-01	1.45E-03	6.34E-02	2.14E-02	1.89E-01	3.18E+01	1.07E+00	2.92E-07	7.27E-08	3.04E-03	7.20E-05	5.01E-01	2.58E-01	3.29E+01	2.05E-03	3.30E+01	3.68E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MYN140	1.12E-02	1.09E+00	4.37E-03	1.08E+00	1.10E-06	0.00E+00	4.25E+02	1.81E-04	8.32E-04	9.12E-03	1.09E-03	5.70E+00	1.78E-08	1.41E-07	1.19E+01	5.45E-01	1.48E-03	6.58E-02	2.20E-02	1.91E-01	3.08E+01	1.16E+00	2.93E-07	7.55E-08	3.17E-03	7.29E-05	5.12E-01	3.08E-01	3.21E+01	2.18E-03	3.23E+01	3.57E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-01
MYN150	1.25E-02	1.22E+00	4.93E-03	1.27E+00	1.43E-06	0.00E+00	1.00E+03	1.39E-04	9.51E-04	1.02E-02	1.17E-03	4.79E+00	2.05E-08	1.12E-07	1.01E+01	4.62E-01	1.55E-03	5.57E-02	1.75E-02	2.13E-01	4.58E+01	2.11E+00	1.88E-07	8.16E-08	3.02E-03	8.30E-05	6.54E-01	5.36E-01	4.55E+01	2.54E-03	4.55E+01	4.75E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	6.97E-01
MYN163	1.28E-02	1.02E+00	5.29E-03	9.87E-01	1.07E-06	0.00E+00	3.81E+02	1.87E-04	8.25E-04	8.83E-03	1.17E-03	7.20E+00	1.37E-08	1.48E-07	1.55E+01	5.85E-01	1.53E-03	5.51E-02	1.83E-02	2.14E-01	3.22E+01	9.22E-01	1.88E-07	8.41E-08	3.02E-03	7.71E-05	5.22E-01	3.88E-01	3.34E+01	2.42E-03	3.35E+01	3.46E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	7.79E-01
MYN206	9.95E-03	1.16E+00	-1.58E-02	1.22E+00	1.46E-06	0.00E+00	1.11E+03	4.95E-05	7.45E-04	7.71E-03	1.59E-03	2.15E+00	1.16E-08	6.06E-08	4.42E+00	1.06E-01	2.19E-03	6.32E-02	1.40E-02	1.54E-01	4.97E+01	1.41E+00	1.37E-07	6.09E-08	3.25E-03	6.08E-05	2.46E-01	2.52E-01	5.14E+01	1.56E-04	5.12E+01	5.19E+01	6.06E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MYN210	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.08E-04	8.67E-03	1.56E-03	2.14E+00	1.20E-08	5.57E-08	4.31E+00	1.01E-01	2.11E-03	7.00E-02	1.37E-02	1.43E-01	5.01E+01	1.63E+00	1.60E-07	5.58E-08	3.17E-03	6.01E-05	2.25E-01	3.90E-01	5.17E+01	1.19E-04	5.17E+01	5.23E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MYN216	8.56E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.09E-04	8.68E-03	1.56E-03	2.15E+00	1.22E-08	5.59E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.01E+01	1.63E+00	1.60E-07	5.59E-08	3.17E-03	6.03E-05	2.25E-01	3.91E-01	5.17E+01	1.19E-04	5.17E+01	5.24E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MYN220	9.64E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.32E-04	8.94E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.19E-03	7.01E-02	1.50E-02	1.47E-01	5.05E+01	1.63E+00	1.65E-07	6.23E-08	3.32E-03	6.27E-05	2.52E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.28E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	6.44E-01
MYN225	1.36E-02	1.65E+00	-1.65E-02	1.67E+00	1.52E-06	0.00E+00	1.26E+03	4.92E-05	1.02E-03	1.10E-02	1.84E-03	3.62E+00	1.46E-08	8.74E-08	7.78E+00	1.04E-01	2.49E-03	9.15E-02	1.95E-02	2.57E-01	6.97E+01	1.78E+00	2.55E-07	8.66E-08	4.20E-03	1.09E-04	3.63E-01	4.19E-01	7.15E+01	2.54E-04	7.15E+01	7.23E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MYN232	1.92E-02	1.67E+00	-4.81E-03	1.68E+00	1.66E-06	0.00E+00	7.12E+02	2.90E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.25E+01	1.49E+00	2.93E-07	1.21E-07	5.13E-03	1.31E-04	7.32E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MYN240	1.93E-02	1.70E+00	-4.59E-03	1.70E+00	1.66E-06	0.00E+00	7.12E+02	2.90E-04	1.18E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.50E+00	3.46E-07	1.22E-07	5.17E-03	1.31E-04	7.34E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MYN250	2.26E-02	1.81E+00	4.06E-04	1.82E+00	1.47E-06	0.00E+00	1.01E+03	2.50E-04	1.28E-03	1.32E-02	2.04E-03	9.20E+00	2.04E-08	2.35E-07	1.92E+01	6.47E-01	2.83E-03	9.00E-02	3.11E-02	3.71E-01	6.18E+01	1.44E+00	3.54E-07	1.45E-07	5.76E-03	1.46E-04	9.55E-01	2.71E-01	6.38E+01	6.06E-04	6.34E+01	6.53E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00

MYN263	3.56E-02	1.88E+00	5.37E-03	1.87E+00	1.65E-06	0.00E+00	1.01E+03	3.35E-04	1.30E-03	1.39E-02	2.09E-03	1.67E+01	2.28E-08	4.12E-07	3.59E+01	1.04E+00	2.85E-03	9.59E-02	4.06E-02	3.50E-01	6.29E+01	1.54E+00	3.76E-07	2.02E-07	5.95E-03	1.64E-04	1.39E+00	3.64E-01	6.46E+01	3.91E-03	6.41E+01	6.53E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MYN306	1.76E-02	2.95E+00	-3.63E-02	3.00E+00	2.10E-06	0.00E+00	1.97E+03	7.65E-05	1.58E-03	1.67E-02	2.59E-03	3.67E+00	3.41E-08	9.94E-08	7.08E+00	1.61E-01	3.54E-03	1.34E-01	2.58E-02	3.60E-01	1.04E+02	2.98E+00	3.65E-07	1.13E-07	5.91E-03	1.60E-04	4.94E-01	8.28E-01	1.06E+02	3.30E-04	1.06E+02	1.07E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MYN310	1.76E-02	3.10E+00	-3.60E-02	3.17E+00	2.29E-06	0.00E+00	1.96E+03	7.78E-05	1.58E-03	1.68E-02	2.65E-03	3.96E+00	3.75E-08	1.02E-07	8.48E+00	1.65E-01	3.60E-03	1.34E-01	2.57E-02	3.64E-01	1.04E+02	2.99E+00	3.68E-07	1.12E-07	5.94E-03	1.63E-04	5.18E-01	8.28E-01	1.06E+02	3.07E-04	1.06E+02	1.07E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MYN316	1.82E-02	2.41E+00	-2.93E-02	2.44E+00	2.29E-06	0.00E+00	1.92E+03	7.49E-05	1.48E-03	1.59E-02	2.65E-03	4.13E+00	2.17E-08	1.05E-07	8.87E+00	1.58E-01	3.60E-03	1.34E-01	2.69E-02	3.74E-01	1.03E+02	2.71E+00	3.74E-07	1.15E-07	6.00E-03	1.64E-04	4.79E-01	6.53E-01	1.05E+02	3.08E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MYN320	1.91E-02	2.39E+00	-2.19E-02	2.40E+00	2.16E-06	0.00E+00	1.08E+03	7.05E-05	1.20E-03	1.31E-02	2.69E-03	4.68E+00	1.73E-08	1.21E-07	1.00E+01	1.56E-01	3.65E-03	1.30E-01	2.75E-02	3.78E-01	1.02E+02	2.98E+00	3.66E-07	1.22E-07	6.00E-03	1.59E-04	4.83E-01	5.38E-01	1.04E+02	3.63E-04	1.04E+02	1.06E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MYN325	2.07E-02	2.40E+00	-1.48E-02	2.41E+00	1.89E-06	0.00E+00	1.08E+03	7.05E-05	1.40E-03	1.48E-02	2.75E-03	5.44E+00	1.73E-08	1.31E-07	1.15E+01	1.56E-01	3.73E-03	1.30E-01	2.83E-02	3.80E-01	1.03E+02	2.92E+00	3.73E-07	1.31E-07	6.30E-03	1.61E-04	4.68E-01	4.51E-01	1.05E+02	4.20E-04	1.04E+02	1.06E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MYN332	4.48E-02	3.43E+00	-7.27E-03	3.44E+00	2.47E-06	0.00E+00	1.93E+03	3.44E-04	2.26E-03	2.40E-02	3.41E-03	1.75E+01	3.94E-08	4.24E-07	3.66E+01	9.96E-01	4.55E-03	1.37E-01	5.81E-02	5.58E-01	9.30E+01	2.91E+00	7.46E-07	2.59E-07	9.59E-03	2.72E-04	1.63E+00	8.60E-01	9.87E+01	6.26E-03	9.74E+01	1.12E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MYN340	4.79E-02	3.53E+00	8.96E-03	3.51E+00	2.45E-06	0.00E+00	1.70E+03	3.48E-04	2.30E-03	2.44E-02	3.42E-03	1.84E+01	4.14E-08	4.54E-07	3.95E+01	1.02E+00	4.57E-03	1.37E-01	6.14E-02	6.05E-01	9.28E+01	2.91E+00	8.53E-07	2.81E-07	9.76E-03	2.84E-04	1.69E+00	8.60E-01	9.76E+01	6.33E-03	9.63E+01	1.12E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
MYN350	3.85E-02	3.51E+00	1.05E-02	3.57E+00	2.52E-06	0.00E+00	1.13E+03	4.49E-04	2.09E-03	2.33E-02	3.32E-03	1.83E+01	3.48E-08	4.12E-07	3.86E+01	1.28E+00	4.48E-03	1.48E-01	5.33E-02	6.37E-01	9.12E+01	2.92E+00	6.12E-07	2.55E-07	9.10E-03	2.52E-04	1.55E+00	8.56E-01	9.37E+01	6.61E-03	9.37E+01	9.59E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MYN363	3.87E-02	3.51E+00	1.09E-02	3.59E+00	2.52E-06	0.00E+00	1.12E+03	4.50E-04	2.08E-03	2.32E-02	3.32E-03	1.85E+01	3.65E-08	4.17E-07	3.88E+01	1.29E+00	4.49E-03	1.50E-01	5.36E-02	6.59E-01	9.12E+01	2.92E+00	6.12E-07	2.58E-07	9.16E-03	2.52E-04	1.59E+00	8.58E-01	9.37E+01	6.57E-03	9.37E+01	9.61E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MYN406	2.34E-02	3.18E+00	-4.47E-02	3.23E+00	2.41E-06	0.00E+00	2.50E+03	9.20E-05	2.02E-03	2.18E-02	3.58E-03	4.77E+00	3.78E-08	1.27E-07	8.76E+00	2.02E-01	4.74E-03	1.81E-01	3.38E-02	4.95E-01	1.36E+02	3.57E+00	5.01E-07	1.53E-07	8.09E-03	2.16E-04	6.00E-01	9.73E-01	1.40E+02	4.66E-04	1.40E+02	1.41E+02	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MYN410	2.28E-02	3.20E+00	-3.62E-02	3.24E+00	2.41E-06	0.00E+00	2.50E+03	9.82E-05	1.94E-03	2.08E-02	3.48E-03	4.37E+00	2.64E-08	1.23E-07	9.20E+00	2.06E-01	4.71E-03	1.82E-01	3.38E-02	4.91E-01	1.38E+02	3.55E+00	4.92E-07	1.45E-07	7.79E-03	2.14E-04	6.07E-01	8.18E-01	1.41E+02	4.02E-04	1.41E+02	1.42E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MYN416	1.71E-02	2.57E+00	-3.92E-02	2.61E+00	2.41E-06	0.00E+00	2.23E+03	9.23E-05	1.62E-03	1.74E-02	3.13E-03	4.30E+00	2.44E-08	1.12E-07	8.63E+00	2.01E-01	4.24E-03	1.40E-01	2.75E-02	2.89E-01	1.00E+02	3.25E+00	3.20E-07	1.12E-07	6.36E-03	1.21E-04	4.52E-01	7.81E-01	1.04E+02	2.43E-04	1.04E+02	1.05E+02	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MYN420	2.51E-02	3.25E+00	-3.43E-02	3.29E+00	2.41E-06	0.00E+00	2.51E+03	9.83E-05	1.99E-03	2.15E-02	3.58E-03	5.84E+00	2.78E-08	1.50E-07	1.24E+01	2.06E-01	4.85E-03	1.82E-01	3.65E-02	5.12E-01	1.38E+02	3.56E+00	5.02E-07	1.59E-07	8.12E-03	2.19E-04	6.52E-01	8.29E-01	1.42E+02	4.17E-04	1.42E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MYN425	2.72E-02	3.30E+00	-3.30E-02	3.33E+00	2.41E-06	0.00E+00	2.51E+03	9.83E-05	2.04E-03	2.20E-02	3.68E-03	7.24E+00	2.92E-08	1.75E-07	1.56E+01	2.06E-01	4.98E-03	1.83E-01	3.89E-02	5.13E-01	1.39E+02	3.56E+00	5.10E-07	1.73E-07	8.42E-03	2.18E-04	7.24E-01	8.38E-01	1.43E+02	5.54E-04	1.43E+02	1.45E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MYN432	3.84E-02	3.35E+00	-9.62E-03	3.35E+00	2.74E-06	0.00E+00	1.42E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.97E+00	5.86E-07	2.42E-07	1.03E-02	2.62E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MYN440	3.85E-02	3.39E+00	-9.19E-03	3.40E+00	2.74E-06	0.00E+00	1.42E+03	5.79E-04	2.35E-03	2.55E-02	4.23E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.42E-02	6.94E-01	1.26E+02	2.99E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MYN450	5.04E-02	3.53E+00	1.37E-02	3.52E+00	2.69E-06	0.00E+00	1.40E+03	6.17E-04	2.57E-03	2.82E-02	4.45E-03	2.44E+01	2.88E-08	5.52E-07	5.02E+01	1.80E+00	6.03E-03	1.99E-01	6.98E-02	8.06E-01	1.23E+02	2.96E+00	7.58E-07	3.28E-07	1.18E-02	3.31E-04	2.05E+00	9.16E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MYN463	5.12E-02	3.56E+00	1.40E-02	3.54E+00	2.69E-06	0.00E+00	1.40E+03	6.17E-04	2.58E-03	2.84E-02	4.48E-03	2.46E+01	3.04E-08	5.58E-07	5.09E+01	1.80E+00	6.06E-03	2.00E-01	7.07E-02	8.60E-01	1.23E+02	2.96E+00	7.60E-07	3.39E-07	1.19E-02	3.32E-04	2.11E+00	9.19E-01	1.26E+02	8.78E-03	1.26E+02	1.29E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
MYN506	1.00E-02	1.16E+00	-1.57E-02	1.22E+00	1.46E-06	0.00E+00	1.10E+03	4.96E-05	7.38E-04	7.70E-03	1.59E-03	2.15E+00	1.16E-08	6.09E-08	4.43E+00	1.07E-01	2.19E-03	6.34E-02	1.38E-02	1.54E-01	4.97E+01	1.43E+00	1.27E-07	6.14E-08	3.23E-03	5.99E-05	2.47E-01	2.58E-01	5.14E+01	1.56E-04	5.13E+01	5.20E+01	6.04E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MYN510	8.59E-03	1.28E+00	-1.96E-02	1.30E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.09E-04	8.68E-03	1.56E-03	2.14E+00	1.21E-08	5.57E-08	4.32E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.02E+01	1.64E+00	1.25E-07	5.58E-08	3.18E-03	6.02E-05	2.28E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MYN516	8.57E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.15E+00	1.22E-08	5.59E-08	4.32E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.02E+01	1.64E+00	1.25E-07	5.60E-08	3.19E-03	6.04E-05	2.29E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.20E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MYN520	9.65E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.33E-04	8.95E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.19E-03	7.01E-02	1.50E-02	1.47E-01	5.06E+01	1.64E+00	1.30E-07	6.24E-08	3.33E-03	6.28E-05	2.55E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.29E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MYN525	1.46E-02	1.64E+00	-1.41E-02	1.65E+00	1.57E-06	0.00E+00	1.26E+03	9.97E-05	1.04E-03	1.13E-02	1.84E-03	4.61E+00	1.66E-07	1.08E-07	1.01E+01	2.12E-01	2.49E-03	9.18E-02	2.05E-02	2.59E-01	6.66E+01	1.78E+00	2.60E-07	9.29E-08	4.30E-03	1.11E-04	4.74E-01	4.20E-01	6.84E+01	2.69E-04	6.84E+01	6.92E+01	8.93E-01	0.00E+00	0.00E+00	0.00E+00	8.79E-01
MYN532	1.87E-02	1.67E+00	-4.81E-03	1.68E+00	1.66E-06	0.00E+00	7.12E+02	2.89E-04	1.16E-03	1.25E-02	2.11E-03	6.95E+00	3.17E-07	1.90E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.63E-02	3.20E-01	6.26E+01	1.49E+00	2.93E-07	1.18E-07	5.08E-03	1.30E-04	7.36E-01	4.47E-01	6.41E+01	3.99E-03	6.41E+01	6.53E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MYN540	1.93E-02	1.70E+00	-4.60E-03	1.70E+00	1.66E-06	0.00E+00	7.12E+02	2.89E-04	1.18E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.50E+00	3.46E-07	1.22E-07	5.17E-03	1.31E-04	7.38E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.56E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MZ240V	3.09E-02	3.33E+00	-2.31E-02	3.35E+00	2.66E-07	0.00E+00	1.16E+03	3.01E-04	2.47E-03	2.68E-02	2.74E-03	8.93E+00	3.43E-07	2.34E-07	3.55E+01	7.61E-01	3.71E-03	1.00E-01	3.46E-02	6.54E-01	8.89E+01	2.56E+00	1.07E-06	1.90E-07	9.69E-03	2.44E-04	2.09E+00	7.48E-01	9.15E+01	5.62E-03	9.15E+01	9.43E+01	2.84E+00	0.00E+00	0.00E+00	1.88E-06	1.49E+00
NAN116S	9.55E-03	1.04E+00	-6.70E-03	1.01E+00	1.46E-06	0.00E+00	1.09E+03	1.05E-04	8.29E-04	8.92E-03	1.20E-03	4.50E+00	1.97E-08	8.12E-08	9.35E+00	3.34E-01	1.53E-03	6.11E-02	1.39E-02	1.93E-01	3.50E+01	1.26E+00	1.28E-07	6.23E-08	2.97E-03	7.02E-05	4.69E-01	4.17E-01	3.59E+01	1.92E-03	3.63E+01	3.72E+01	8.65E-01	0.00E+00	0.00E+00	0.00E+00	6.20E-01
NAN120S	9.53E-03	9.64E-01	-9.53E-03	9.54E-01	1.39E-06	0.00E+00	6.80E+02	7.14E-05	6.90E-04	7.43E-03	1.07E-03	2.49E+00	1.98E-08	6.16E-08	5.18E+00	1.72E-01	1.51E-03	5.26E-02	1.27E-02	2.00E-01	3.41E+01	1.17E+00	1.43E-07	6.17E-08	2.70E-03	5.99E-05	4.25E-01	3.32E-01	3.45E+01	3.15E-04	3.48E+01	3.59E+01	8.87E-01	0.00E+00	0.00E+00	0.00E+00	5.46E-01
NAN125S	9.70E-03	1.03E+00	-3.84E-03	9.95E-01	1.36E-06	0.00E+00	4.97E+02	1.11E-04	8.03E-04	8.77E-03	1.16E-03	4.50E+00	2.00E-08	8.22E-08	9.66E+00	3.68E-01	1.48E-03	5.58E-02	1.41E-02	1.89E-01	3.40E+01	1.09E+00	1.28E-07	6.12E-08	2.96E-03	6.94E-05	4.75E-01	2.48E-01	3.48E+01	1.65E-03	3.49E+01	3.58E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	6.24E-01
NAN225	2.06E-02	2.68E+00	-2.75E-02	2.76E+00	2.05E-06	0.00E+00	1.49E+03	1.84E-04	1.59E-03	1.76E-02	2.55E-03	6.29E+00	2.95E-07	1.55E-07	1.27E+01	5.66E-01	3.47E-03	1.23E-01	3.07E-02	3.29E-01	7.81E+01	2.56E+00	4.52E-07	1.36E-07	6.29E-03	1.80E-04	1.08E+00	1.25E+00	8.17E+01	4.83E-03	8.24E+01	8.38E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NAN232	2.06E-02	2.66E+00	-2.49E-02	2.71E+00	2.02E-06	0.00E+00	1.49E+03	1.72E-04	1.59E-03	1.76E-02	2.50E-03	5.81E+00	2.95E-07	1.49E-07	1.08E+01	5.38E-01	3.44E-03	1.22E-01	3.06E-02	3.29E-01	7.74E+01	2.55E+00	4.52E-07	1.36E-07	6.29E-03	1.80E-04	1.04E+00	9.74E-01	8.15E+01	4.41E-03	8.22E+01	8.42E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NAN240	2.21E-02	3.22E+00	-1.01E-02	3.25E+00	2.04E-06	0.00E+00	1.28E+03	1.80E-04	1.58E-03	1.77E-02	2.57E-03	6.12E+00	2.96E-07	1.52E-07	1.22E+01	5.79E-01	3.57E-03	1.26E-01	3.42E-02	3.30E-01	8.64E+01	2.55E+00	4.58E-07	1.45E-07	6.38E-03	1.80E-04	1.08E+00	1.26E+00	9.14E+01	4.90E-03	9.20E+01	9.70E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NAN250	2.30E-02	3.41E+00	-9.86E-03	3.45E+00	1.98E-06	0.00E+00	1.28E+03	2.71E-04	1.58E-03	1.78E-02	2.64E-03	1.03E+01	2.96E-07	2.63E-07	2.25E+01	7.61E-01	3.62E-03	1.28E-01	3.64E-02	3.46E-01	9.01E+01	2.55E+00	4.61E-07	1.51E-07	6.40E-03	1.84E-04	1.12E+00	1.26E+00	9.44E+01	4.91E-03	9.48E+01	1.01E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NAN263	3.35E-02	3.50E+00	-9.47E-03	3.53E+00	1.99E-06	0.00E+00	1.28E+03	3.12E-04	1.58E-03	1.80E-02	2.65E-03	1.68E+01	2.87E-07	4.13E-07	3.62E+01	9.49E-01	3.63E-03	1.28E-01	3.97E-02	3.49E-01	9.01E+01	2.55E+00	4.71E-07	1.91E-07	6.42E-03	1.84E-04	1.35E+00	1.26E+00	9.44E+01	4.92E-03	9.48E+01	1.01E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NAN316S	2.84E-02	3.35E+00	-1.14E-02	3.36E+00	2.35E-06	0.00E+00	1.46E+03	1.67E-04	2.05E-03	2.25E-02	3.14E-03	5.75E+00	2.95E-07	1.69E-07	1.12E+01	5.19E-01	4.29E-03	1.34E-01	4.00E-02	5.28E-01	9.44E+01	2.81E+00	4.78E-07	1.85E-07	8.55E-03	2.44E-04	1.10E+00	7.69E-01	9.74E+01	6.97E-03	9.83E+01	1.01E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NAN320S	2.82E-02	2.60E+00	-5.33E-03	2.51E+00	2.21E-06	0.00E+00	1.34E+03	2.49E-04	1.88E-03	2.02E-02	3.15E-03	1.03E+01	2.94E-07	2.37E-07	2.17E+01	7.01E-01	4.30E-03	1.31E-01	4.01E-02	5.47E-01	9.16E+01	2.72E+00	4.96E-07	1.93E-07	8.53E-03	2.58E-04	1.04E+00	6.39E-01	9.39E+01	6.77E-03	9.44E+01	9.75E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NAN325	3.20E-02	3.52E+00	-3.64E-02	3.51E+00	2.40E-06	0.00E+00	1.52E+03	2.43E-04	2.47E-03	2.64E-02	3.75E-03	1.11E+01	2.79E-07	2.51E-07	2.19E+01	6.91E-01	5.07E-03	1.59E-01	4.12E-02	5.71E-01	1.07E+02	2.73E+00	5.39E-07	2.17E-07	1.04E-02	2.65E-04	1.26E+00	1.57E+00	1.16E+02	6.94E-03	1.16E+02	1.25E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NAN325S	2.87E-02	3.43E+00	-1.38E-02	3.46E+00	2.40E-06	0.00E+00	1.50E+03	2.47E-04	2.16E-03	2.33E-02	3.38E-03	1.04E+01	2.93E-07	2.51E-07	2.17E+01	6.90E-01	4.70E-03	1.62E-01	4.09E-02	5.76E-01	1.12E+02	2.78E+00	5.32E-07	1.94E-07	8.70E-03	2.58E-04	1.14E+00	9.88E-01	1.17E+02	6.85E-03	1.16E+02	1.22E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NAN332	3.30E-02	3.53E+00	-3.56E-02	3.50E+00	2.40E-06	0.00E+00	1.51E+03	2.62E-04	2.47E-03	2.66E-02	3.79E-03	1.19E+01	2.71E-07	2.72E-07	2.33E+01	7.31E-01	5.08E-03	1.59E-01	4.52E-02	5.68E-01	1.07E+02	2.73E+00	5.64E-07	2.28E-07	1.06E-02	2.66E-04	1.28E+00	1.57E+00	1.16E+02	6.94E-03	1.16E+02	1.24E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NAN340	3.40E-02	3.66E+00	-1.51E-02	3.65E+00	2.41E-06	0.00E+00	1.28E+03	2.67E-04	2.47E-03	2.68E-02	3.82E-03	1.21E+01	2.79E-07	2.77E-07	2.45E+01	7.59E-01	5.10E-03	1.58E-01	4.77E-02	5.61E-01	1.06E+02	2.72E+00	5.68E-07	2.29E-07	1.07E-02	2.67E-04	1.28E+00	1.57E+00	1.14E+02	7.08E-03	1.14E+02	1.21E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NAN350	3.25E-02	3.19E+00	-5.25E-02	3.28E+00	2.38E-06	0.00E+00	1.77E+03	3.73E-04	2.16E-03	2.36E-02	3.58E-03	1.48E+01	5.17E-08	3.57E-07	3.06E+01	1.09E+00	4.87E-03	1.73E-01	4.65E-02	6.10E-01	1.17E+02	3.46E+00	4.10E-07	2.19E-07	8.87E-03	2.27E-04	1.37E+00	1.28E+00	1.22E+02	7.66E-04	1.21E+02	1.26E+02	2.55E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
NAN363	3.39E-02	3.23E+00	-5.17E-02	3.29E+00	2.40E-06	0.00E+00	1.77E+03	3.87E-04	2.35E-03	2.51E-02	3.69E-03	1.50E+01	5.15E-08	3.64E-07	3.25E+01	1.13E+00	4.94E-03	1.71E-01	4.75E-02	6.16E-01	1.16E+02	3.47E+00	4.94E-07	2.27E-07	9.23E-03	2.31E-04	1.39E+00	1.28E+00	1.19E+02	1.06E-03	1.18E+02	1.24E+02	2.56E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
NAN425	4.21E-02	3.58E+00	-3.37E-02	3.58E+00	2.62E-06	0.00E+00	1.54E+03	2.53E-04	2.64E-03	2.84E-02	3.95E-03	1.81E+01	2.79E-07	3.34E-07	2.45E+01	7.11E-01	6.51E-03	1.88E-01	5.06E-02	8.97E-01	1.17E+02	4.99E+00	6.04E-07	2.96E-07	1.17E-02	2.87E-04	2.47E+00	1.60E+00	1.25E+02	7.00E-03	1.24E+02	1.33E+02	4.83E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00
NAN432	5.49E-02	3.67E+00	-2.95E-02	3.64E+00	2.63E-06	0.00E+00	1.53E+03	4.17E-04	2.66E-03	2.84E-02	3.98E-03	2.27E+01	2.70E-07	5.10E-07	4.14E+01	1.25E+00	6.43E-03	1.88E-01	6.27E-02	9.02E-01	1.16E+02	5.00E+00	6.21E-07	3.50E-07	1.19E-02	2.93E-04	2.80E+00	1.53E+00	1.24E+02	7.02E-03	1.24E+02	1.32E+02	4.79E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
NAN440	4.15E-02	3.71E+00	-1.35E-02	3.72E+00	2.62E-06	0.00E+00	1.30E+03	2.55E-04	2.64E-03	2.85E-02	3.98E-03	1.81E+01	2.71E-07	3.33E-07	2.75E+01	7.39E-01	6.48E-03	1.88E-01	5.52E-02	8.91E-01	1.15E+02	5.00E+00	6.25E-07	2.84E-07	1.18E-02	2.91E-04	2.62E+00	1.59E+00	1.24E+02	7.15E-03	1.23E+02	1.29E+02	4.78E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NAN450	5.48E-02	3.78E+00	-8.54E-03	3.76E+00	2.63E-06	0.00E+00	1.30E+03	4.19E-04	2.65E-03	2.84E-02	4.00E-03	2.24E+01	2.70E-07	5.11E-07	4.35E+01	1.27E+00	6.43E-03	1.89E-01	6.51E-02	8.99E-01	1.14E+02	5.00E+00	6.61E-07	3.43E-07	1.19E-02	2.94E-04	2.82E+00	1.53E+00	1.22E+02	7.17E-03	1.22E+02	1.28E+02	4.77E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
NAN463	5.49E-02	3.79E+00	-8.73E-03	3.77E+00	2.63E-06	0.00E+00	1.30E+03	4.22E-04	2.65E-03	2.85E-02	4.02E-03	2.25E+01	2.71E-07	5.13E-07	4.38E+01	1.28E+00	6.45E-03	1.88E-01	6.52E-02	9.26E-01	1.14E+02	5.02E+00	6.64E-07	3.45E-07	1.19E-02	2.95E-04	2.81E+00	1.53E+00	1.22E+02	7.17E-03	1.22E+02	1.28E+02	4.78E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00
NB106A	7.85E-03	9.13E-01	-9.58E-03	9.55E-01	9.17E-07	0.00E+00	6.27E+02	6.82E-05	5.33E-04	6.06E-03	9.08E-04	1.86E+00	8.68E-08	5.52E-08	4.03E+00	1.25E-01	1.22E-03	5.08E-02	1.68E-02	1.40E-01	3.60E+01	1.07E+00	2.83E-07	5.14E-08	2.29E-03	5.55E-05	2.58E-01	2.13E-01	3.71E+01	1.56E-04	3.71E+01	4.03E+01	4.95E-01	0.00E+00	0.00E+00	0.00E+00	5.11E-01
NB110A	7.94E-03	9.80E-01	-1.02E-02	1.06E+00	9.33E-07	0.00E+00	6.10E+02	6.85E-05	5.45E-04	6.17E-03	9.02E-04	1.95E+00	8.85E-08	5.88E-08	4.28E+00	1.26E-01	1.24E-03	5.09E-02	1.71E-02	1.64E-01	3.58E+01	1.07E+00	2.76E-07	5.29E-08	2.40E-03	5.59E-05	2.77E-01	2.30E-01	3.70E+01	1.82E-04	3.70E+01	4.03E+01	6.06E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
NB113A	6.58E-03	8.62E-01	-9.04E-03	8.70E-01	8.92E-07	0.00E+00	6.90E+02	2.61E-05	5.20E-04	5.58E-03	7.97E-04	1.43E+00	1.02E-08	3.75E-08	3.13E+00	5.35E-02	1.25E-03	4.95E-02	9.67E-03	1.15E-01	3.66E+01	9.50E-01	1.25E-07	4.29E-08	2.11E-03	4.27E-05	1.56E-01	2.11E-01	3.75E+01	1.06E-04	3.75E+01	3.81E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
NB116A	8.00E-03	1.02E+00	-1.03E-02	1.10E+00	9.59E-07	0.00E+00	6.11E+02	7.03E-05	6.06E-04	6.82E-03	9.35E-04	2.00E+00	1.10E-07	6.00E-08	4.42E+00	1.23E-01	1.27E-03	5.09E-02	1.73E-02	2.01E-01	3.61E+01	1.07E+00	2.77E-07	5.38E-08	2.49E-03	5.70E-05	2.79E-01	2.33E-01	3.71E+01	1.92E-04	3.71E+01	4.05E+01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NB120A	7.92E-03	9.88E-01	-9.69E-03	1.07E+00	9.33E-07	0.00E+00	6.13E+02	7.30E-05	5.59E-04	6.23E-03	9.20E-04	2.02E+00	1.54E-07	5.84E-08	4.40E+00	1.35E-01	1.26E-03	5.09E-02	1.74E-02	1.67E-01	3.57E+01	1.07E+00	2.77E-07	5.33E-08	2.41E-03	5.90E-05	3.20E-01	2.15E-01	3.66E+01	1.83E-04	3.66E+01	4.00E+01	6.12E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
NB125A	7.85E-03	1.01E+00	-9.48E-03	1.09E+00	9.29E-07	0.00E+00	6.13E+02	7.27E-05	5.33E-04	6.06E-03	9.10E-04	2.22E+00	1.65E-07	5.85E-08	4.16E+00	1.37E-01	1.22E-03	5.31E-02	1.70E-02	1.43E-01	3.57E+01	1.09E+00	3.11E-07	5.12E-08	2.30E-03	5.80E-05	3.02E-01	2.13E-01	3.64E+01	1.61E-04	3.64E+01	4.01E+01	5.00E-01	0.00E+00	0.00E+00	0.00E+00	5.30E-01
NB132A	1.12E-02	1.07E+00	-1.03E-03	1.08E+00	6.20E-07	0.00E+00	4.09E+02	1.58E-04	8.39E-04	9.09E-03	1.06E-03	4.79E+00	1.74E-08	1.28E-07	1.01E+01	4.61E-01	1.44E-03	5.98E-02	2.16E-02	1.87E-01	3.19E+01	1.07E+00	2.93E-07	7.21E-08	3.04E-03	7.19E-05	5.00E-01	2.59E-01	3.33E+01	3.16E-03	3.34E+01	3.71E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	7.62E-01
NB140A	1.11E-02	1.04E+00	-2.42E-03	1.10E+00	9.04E-07	0.00E+00	4.47E+02	1.30E-04	6.37E-04	7.03E-03	1.01E-03	4.60E+00	1.88E-07	1.23E-07	8.51E+00	3.17E-01	1.37E-03	4.88E-02	1.70E-02	2.00E-01	3.49E+01	1.10E+00	1.77E-07	6.96E-08	2.87E-03	6.59E-05	5.47E-01	2.26E-01	3.60E+01	3.25E-03	3.60E+01	3.71E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	7.79E-01
NB150A	1.23E-02	1.03E+00	5.01E-03	9.95E-01	1.14E-06	0.00E+00	1.00E+03	1.42E-04	9.09E-04	9.95E-03	1.14E-03	4.73E+00	1.86E-08	1.10E-07	1.03E+01	4.67E-01	1.52E-03	5.35E-02	1.75E-02	2.13E-01	3.23E+01	1.11E+00	1.91E-07	8.13E-08	3.03E-03	7.56E-05	4.62E-01	4.30E-01	3.31E+01	2.50E-03	3.33E+01	3.46E+01	7.71E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
NB163A	1.28E-02	1.03E+00	5.32E-03	9.92E-01	1.11E-06	0.00E+00	1.01E+03	1.85E-04	9.05E-04	9.96E-03	1.13E-03	6.55E+00	1.69E-08	1.37E-07	1.47E+01	5.65E-01	1.52E-03	5.34E-02	1.84E-02	2.15E-01	3.23E+01	1.11E+00	1.92E-07	8.43E-08	3.04E-03	7.68E-05	5.22E-01	4.16E-01	3.32E+01	2.50E-03	3.33E+01	3.45E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NB206A	1.97E-02	2.06E+00	-3.30E-02	2.10E+00	1.26E-06	0.00E+00	1.42E+03	8.31E-05	1.68E-03	1.73E-02	1.84E-03	2.43E+00	1.11E-07	8.54E-08	5.41E+00	1.53E-01	2.72E-03	1.08E-01	3.11E-02	3.84E-01	6.89E+01	2.14E+00	4.45E-07	1.33E-07	6.09E-03	1.28E-04	5.79E-01	6.95E-01	6.95E+01	2.63E-04	6.95E+01	7.36E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
NB210A	1.48E-02	2.06E+00	-2.03E-02	2.09E+00	1.18E-06	0.00E+00	1.35E+03	9.16E-05	1.72E-03	1.74E-02	1.72E-03	3.32E+00	1.04E-07	1.02E-07	6.48E+00	1.56E-01	2.41E-03	1.05E-01	2.51E-02	3.37E-01	6.91E+01	2.13E+00	4.20E-07	1.02E-07	5.52E-03	1.28E-04	6.06E-01	4.64E-01	6.95E+01	2.78E-04	6.93E+01	7.40E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-01
NB213A	1.28E-02	1.68E+00	-1.57E-02	1.69E+00	1.47E-06	0.00E+00	1.36E+03	6.48E-05	1.02E-03	1.08E-02	1.82E-03	3.22E+00	1.25E-08	7.67E-08	6.46E+00	1.37E-01	2.48E-03	9.52E-02	1.86E-02	2.48E-01	7.23E+01	1.69E+00	2.52E-07	7.99E-08	4.20E-03	1.07E-04	3.05E-01	2.44E-01	7.44E+01	2.38E-04	7.39E+01	7.43E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NB216A	1.67E-02	2.08E+00	-2.30E-02	2.11E+00	1.25E-06	0.00E+00	1.36E+03	1.03E-04	1.72E-03	1.73E-02	1.70E-03	3.63E+00	1.34E-07	1.06E-07	6.51E+00	1.95E-01	2.43E-03	1.06E-01	2.73E-02	3.69E-01	6.89E+01	2.13E+00	4.22E-07	1.19E-07	6.18E-03	1.28E-04	6.35E-01	5.28E-01	6.93E+01	2.92E-04	6.92E+01	7.36E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NB220A	1.85E-02	2.08E+00	-2.28E-02	2.13E+00	1.25E-06	0.00E+00	1.36E+03	1.15E-04	1.70E-03	1.73E-02	1.72E-03	4.18E+00	2.02E-07	1.22E-07	7.67E+00	2.37E-01	2.45E-03	1.08E-01	2.77E-02	3.78E-01	6.89E+01	2.14E+00	4.53E-07	1.22E-07	6.26E-03	1.30E-04	6.37E-01	5.30E-01	6.95E+01	2.94E-04	6.94E+01	7.37E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NB225A	2.05E-02	2.14E+00	-1.90E-02	2.15E+00	1.24E-06	0.00E+00	1.37E+03	1.56E-04	1.69E-03	1.70E-02	2.03E-03	6.18E+00	2.30E-07	1.59E-07	1.21E+01	3.39E-01	2.78E-03	1.08E-01	3.81E-02	3.96E-01	6.82E+01	2.24E+00	4.78E-07	1.37E-07	6.51E-03	1.31E-04	7.12E-01	4.91E-01	6.83E+01	3.30E-04	6.82E+01	7.23E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NB232A	2.15E-02	2.13E+00	-1.60E-02	2.11E+00	1.38E-06	0.00E+00	1.01E+03	1.87E-04	1.70E-03	1.76E-02	2.09E-03	6.68E+00	2.56E-07	1.85E-07	1.38E+01	5.40E-01	2.87E-03	1.02E-01	3.39E-02	4.06E-01	6.82E+01	2.25E+00	3.34E-07	1.44E-07	6.69E-03	1.54E-04	7.37E-01	4.76E-01	6.86E+01	4.19E-03	6.85E+01	6.96E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NB240A	2.17E-02	2.09E+00	-1.92E-02	2.09E+00	1.29E-06	0.00E+00	9.53E+02	2.28E-04	1.67E-03	1.78E-02	2.07E-03	6.79E+00	2.94E-07	1.87E-07	1.34E+01	6.28E-01	2.83E-03	1.02E-01	3.65E-02	4.01E-01	6.74E+01	2.31E+00	4.24E-07	1.41E-07	6.57E-03	1.48E-04	7.46E-01	5.33E-01	6.84E+01	4.29E-03	6.86E+01	6.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NB250A	2.26E-02	2.09E+00	-1.26E-02	2.07E+00	1.34E-06	0.00E+00	1.02E+03	2.07E-04	1.75E-03	1.86E-02	2.19E-03	6.60E+00	2.47E-08	1.77E-07	1.37E+01	5.91E-01	3.02E-03	1.02E-01	3.81E-02	4.02E-01	6.43E+01	2.25E+00	3.22E-07	1.51E-07	6.83E-03	1.61E-04	7.85E-01	4.93E-01	6.64E+01	4.40E-03	6.65E+01	6.75E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NB263A	2.72E-02	2.10E+00	-9.51E-03	2.08E+00	1.35E-06	0.00E+00	1.01E+03	2.20E-04	1.79E-03	1.91E-02	2.19E-03	1.07E+01	2.67E-08	2.48E-07	1.73E+01	6.13E-01	3.03E-03	1.05E-01	4.02E-02	4.11E-01	6.45E+01	2.29E+00	4.20E-07	1.72E-07	6.95E-03	1.62E-04	1.05E+00	5.41E-01	6.66E+01	4.41E-03	6.68E+01	6.77E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NB306A	1.94E-02	3.03E+00	-3.56E-02	3.08E+00	2.02E-06	0.00E+00	2.05E+03	7.79E-05	1.69E-03	1.79E-02	2.70E-03	3.59E+00	2.36E-08	1.05E-07	7.18E+00	1.63E-01	3.66E-03	1.42E-01	2.65E-02	3.68E-01	1.09E+02	3.04E+00	3.69E-07	1.23E-07	6.35E-03	1.64E-04	4.91E-01	7.55E-01	1.10E+02	4.03E-04	1.11E+02	1.12E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NB310A	2.24E-02	2.92E+00	-3.27E-02	3.05E+00	1.84E-06	0.00E+00	1.81E+03	1.37E-04	2.21E-03	2.22E-02	2.79E-03	5.71E+00	1.31E-07	1.55E-07	1.22E+01	2.72E-01	3.83E-03	1.28E-01	3.36E-02	4.62E-01	1.01E+02	3.01E+00	4.81E-07	1.50E-07	7.51E-03	2.00E-04	6.67E-01	7.68E-01	1.06E+02	4.23E-04	1.05E+02	1.14E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NB313A	1.94E-02	2.49E+00	-1.60E-02	2.50E+00	2.00E-06	0.00E+00	1.28E+03	6.93E-05	1.43E-03	1.51E-02	2.78E-03	4.02E+00	1.73E-08	1.09E-07	8.73E+00	1.54E-01	3.79E-03	1.41E-01	2.63E-02	3.65E-01	1.07E+02	3.13E+00	3.69E-07	1.23E-07	6.33E-03	1.60E-04	4.57E-01	4.59E-01	1.10E+02	3.53E-04	1.09E+02	1.11E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NB316A	2.32E-02	2.92E+00	-3.35E-02	3.05E+00	1.85E-06	0.00E+00	1.82E+03	1.45E-04	2.23E-03	2.24E-02	2.78E-03	6.02E+00	1.98E-07	1.59E-07	1.26E+01	2.96E-01	3.83E-03	1.29E-01	3.55E-02	4.71E-01	1.01E+02	3.02E+00	4.80E-07	1.54E-07	7.55E-03	2.01E-04	6.67E-01	7.62E-01	1.06E+02	4.30E-04	1.05E+02	1.14E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
NB320A	2.50E-02	2.59E+00	-2.60E-02	2.65E+00	1.87E-06	0.00E+00	1.81E+03	1.64E-04	2.21E-03	2.26E-02	2.82E-03	6.39E+00	3.32E-07	1.74E-07	1.26E+01	3.35E-01	3.86E-03	1.31E-01	3.65E-02	4.89E-01	9.80E+01	2.59E+00	5.48E-07	1.69E-07	8.19E-03	1.99E-04	7.04E-01	6.72E-01	1.04E+02	4.42E-04	1.02E+02	1.12E+02	1.65E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NB325A	2.13E-02	2.52E+00	-1.47E-02	2.52E+00	1.76E-06	0.00E+00	1.16E+03	7.17E-05	1.51E-03	1.58E-02	2.84E-03	5.42E+00	1.56E-08	1.32E-07	1.14E+01	1.65E-01	3.87E-03	1.42E-01	2.90E-02	3.85E-01	1.08E+02	3.05E+00	3.75E-07	1.36E-07	6.59E-03	1.62E-04	4.60E-01	4.44E-01	1.10E+02	3.98E-04	1.10E+02	1.11E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
NB332A	3.28E-02	2.91E+00	-2.34E-02	3.01E+00	2.34E-06	0.00E+00	1.12E+03	3.82E-04	2.38E-03	2.52E-02	3.18E-03	1.18E+01	3.73E-07	3.18E-07	2.42E+01	9.85E-01	4.28E-03	1.22E-01	4.55E-02	6.25E-01	8.97E+01	2.54E+00	4.08E-07	2.13E-07	9.31E-03	2.22E-04	1.19E+00	8.66E-01	9.26E+01	6.51E-03	9.26E+01	9.37E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
NB340A	3.45E-02	3.02E+00	-1.90E-02	3.09E+00	2.22E-06	0.00E+00	1.04E+03	3.87E-04	2.45E-03	2.60E-02	3.19E-03	1.22E+01	3.86E-07	3.39E-07	2.55E+01	9.97E-01	4.29E-03	1.21E-01	4.51E-02	6.21E-01	8.92E+01	2.39E+00	5.51E-07	2.30E-07	9.54E-03	2.30E-04	1.19E+00	8.65E-01	9.18E+01	6.43E-03	9.22E+01	9.32E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
NB350A	4.02E-02	3.09E+00	-8.01E-03	3.12E+00	2.23E-06	0.00E+00	1.12E+03	3.45E-04	2.48E-03	2.66E-02	3.31E-03	1.70E+01	2.87E-08	4.17E-07	3.40E+01	9.05E-01	4.46E-03	1.29E-01	4.82E-02	6.21E-01	8.86E+01	2.63E+00	5.27E-07	2.57E-07	9.64E-03	2.61E-04	1.23E+00	7.85E-01	9.26E+01	6.57E-03	9.27E+01	9.45E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
NB363A	4.04E-02	3.09E+00	-7.56E-03	3.15E+00	2.22E-06	0.00E+00	1.12E+03	3.51E-04	2.50E-03	2.68E-02	3.32E-03	1.71E+01	4.02E-08	4.16E-07	3.48E+01	9.27E-01	4.46E-03	1.30E-01	4.84E-02	6.32E-01	8.84E+01	2.60E+00	5.57E-07	2.61E-07	9.93E-03	2.61E-04	1.25E+00	8.68E-01	9.23E+01	6.52E-03	9.25E+01	9.45E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00
NB406A	2.75E-02	3.23E+00	-5.48E-02	3.26E+00	2.35E-06	0.00E+00	2.43E+03	9.44E-05	2.11E-03	2.27E-02	3.47E-03	4.88E+00	5.37E-08	1.26E-07	8.86E+00	2.05E-01	4.85E-03	1.84E-01	3.53E-02	5.04E-01	1.36E+02	3.57E+00	5.03E-07	1.76E-07	8.45E-03	2.17E-04	6.32E-01	1.57E+00	1.40E+02	7.07E-04	1.40E+02	1.42E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NB410A	2.60E-02	3.23E+00	-5.48E-02	3.26E+00	2.28E-06	0.00E+00	2.44E+03	1.03E-04	2.04E-03	2.22E-02	3.44E-03	6.41E+00	5.36E-08	1.52E-07	1.22E+01	2.15E-01	4.80E-03	1.84E-01	3.51E-02	5.00E-01	1.36E+02	3.57E+00	5.04E-07	1.71E-07	8.13E-03	2.17E-04	6.53E-01	1.57E+00	1.40E+02	5.30E-04	1.40E+02	1.42E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NB413A	3.00E-02	2.56E+00	-1.69E-02	2.54E+00	2.19E-06	0.00E+00	1.14E+03	9.77E-05	2.01E-03	2.11E-02	3.90E-03	7.17E+00	1.82E-08	1.54E-07	1.23E+01	2.08E-01	5.41E-03	1.73E-01	3.76E-02	5.05E-01	1.36E+02	2.96E+00	4.95E-07	1.83E-07	9.64E-03	2.25E-04	5.91E-01	6.07E-01	1.39E+02	7.90E-04	1.39E+02	1.41E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NB416A	2.79E-02	3.27E+00	-5.32E-02	3.28E+00	2.29E-06	0.00E+00	2.44E+03	1.02E-04	2.12E-03	2.28E-02	3.50E-03	7.47E+00	5.40E-08	1.56E-07	1.32E+01	2.15E-01	4.91E-03	1.84E-01	3.70E-02	5.03E-01	1.36E+02	3.57E+00	5.06E-07	1.79E-07	8.46E-03	2.21E-04	6.71E-01	1.57E+00	1.40E+02	6.29E-04	1.40E+02	1.42E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
NB420A	2.95E-02	3.27E+00	-5.29E-02	3.29E+00	2.29E-06	0.00E+00	2.43E+03	1.02E-04	2.16E-03	2.35E-02	3.58E-03	7.41E+00	5.42E-08	1.60E-07	1.35E+01	2.15E-01	5.21E-03	1.80E-01	3.79E-02	5.14E-01	1.34E+02	3.58E+00	5.10E-07	1.86E-07	9.39E-03	2.31E-04	6.96E-01	1.57E+00	1.39E+02	6.30E-04	1.39E+02	1.40E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
NB425A	3.01E-02	3.27E+00	-4.90E-02	3.30E+00	2.23E-06	0.00E+00	2.43E+03	1.83E-04	2.18E-03	2.36E-02	3.71E-03	7.95E+00	5.45E-08	1.88E-07	1.61E+01	4.63E-01	5.32E-03	1.74E-01	4.06E-02	5.19E-01	1.34E+02	3.59E+00	5.15E-07	1.88E-07	9.58E-03	2.32E-04	7.87E-01	1.51E+00	1.39E+02	6.82E-04	1.39E+02	1.40E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NB432A	3.71E-02	3.34E+00	-3.85E-02	3.36E+00	2.73E-06	0.00E+00	1.23E+03	5.28E-04	2.33E-03	2.52E-02	4.03E-03	1.35E+01	6.03E-07	3.52E-07	2.71E+01	1.40E+00	5.71E-03	1.96E-01	5.27E-02	6.75E-01	1.23E+02	2.92E+00	6.09E-07	2.34E-07	1.02E-02	2.61E-04	1.48E+00	1.53E+00	1.26E+02	6.77E-03	1.26E+02	1.28E+02	2.62E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00

NB440A	3.84E-02	3.37E+00	-3.82E-02	3.38E+00	2.73E-06	0.00E+00	1.23E+03	5.37E-04	2.35E-03	2.54E-02	3.99E-03	1.37E+01	6.03E-07	3.66E-07	2.80E+01	1.44E+00	5.67E-03	1.93E-01	5.36E-02	6.92E-01	1.22E+02	2.93E+00	6.83E-07	2.40E-07	1.03E-02	2.62E-04	1.54E+00	1.53E+00	1.26E+02	6.73E-03	1.26E+02	1.27E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
NB450A	4.70E-02	3.33E+00	-4.77E-03	3.28E+00	2.39E-06	0.00E+00	1.19E+03	5.38E-04	2.67E-03	2.88E-02	4.17E-03	2.27E+01	4.17E-08	5.12E-07	4.24E+01	1.50E+00	5.94E-03	1.76E-01	6.32E-02	7.54E-01	1.05E+02	2.65E+00	6.17E-07	2.98E-07	1.11E-02	2.90E-04	1.98E+00	9.82E-01	1.08E+02	6.51E-03	1.08E+02	1.13E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00
NB463A	4.82E-02	3.36E+00	-9.23E-03	3.32E+00	2.36E-06	0.00E+00	1.17E+03	5.37E-04	2.67E-03	2.90E-02	4.13E-03	2.34E+01	4.16E-08	5.22E-07	4.29E+01	1.49E+00	6.02E-03	1.78E-01	6.36E-02	8.04E-01	1.05E+02	2.61E+00	6.29E-07	3.02E-07	1.11E-02	2.93E-04	1.99E+00	9.94E-01	1.08E+02	6.57E-03	1.08E+02	1.13E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
NBN006	6.83E-03	8.98E-01	-7.69E-03	9.10E-01	8.78E-07	0.00E+00	5.70E+02	4.53E-05	5.88E-04	6.09E-03	9.69E-04	1.80E+00	1.56E-08	4.74E-08	3.85E+00	1.16E-01	1.31E-03	4.24E-02	9.92E-03	1.57E-01	3.49E+01	1.01E+00	8.70E-08	4.52E-08	2.34E-03	5.56E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NBN010	7.11E-03	8.72E-01	-7.52E-03	8.76E-01	8.82E-07	0.00E+00	6.17E+02	4.49E-05	5.67E-04	5.97E-03	9.47E-04	1.85E+00	1.55E-08	4.69E-08	3.90E+00	1.18E-01	1.29E-03	4.24E-02	9.89E-03	1.56E-01	3.48E+01	9.97E-01	8.73E-08	4.64E-08	2.35E-03	5.54E-05	3.20E-01	2.18E-01	3.62E+01	3.99E-04	3.62E+01	3.67E+01	5.39E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NBN013	6.89E-03	8.79E-01	-7.50E-03	8.83E-01	8.82E-07	0.00E+00	6.20E+02	4.57E-05	5.88E-04	6.12E-03	9.70E-04	1.97E+00	1.55E-08	4.77E-08	3.99E+00	1.17E-01	1.31E-03	4.24E-02	1.00E-02	1.59E-01	3.45E+01	9.94E-01	8.77E-08	4.55E-08	2.33E-03	5.64E-05	3.11E-01	2.18E-01	3.60E+01	4.37E-04	3.60E+01	3.64E+01	5.31E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-01
NBN016	6.80E-03	8.76E-01	-7.80E-03	8.78E-01	8.82E-07	0.00E+00	6.03E+02	4.38E-05	5.91E-04	6.12E-03	9.81E-04	1.96E+00	1.56E-08	4.78E-08	3.97E+00	1.09E-01	1.32E-03	4.23E-02	9.96E-03	1.58E-01	3.42E+01	9.98E-01	8.75E-08	4.50E-08	2.32E-03	5.63E-05	3.24E-01	2.19E-01	3.55E+01	4.45E-04	3.55E+01	3.61E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	4.25E-01
NBN020	8.93E-03	9.54E-01	-1.96E-02	9.40E-01	1.04E-06	0.00E+00	1.09E+03	7.22E-05	6.58E-04	7.08E-03	1.03E-03	2.48E+00	1.75E-08	6.19E-08	5.03E+00	1.92E-01	1.40E-03	5.12E-02	1.26E-02	1.98E-01	3.32E+01	1.18E+00	1.25E-07	5.80E-08	2.50E-03	6.00E-05	3.71E-01	4.13E-01	3.48E+01	3.35E-04	3.51E+01	3.55E+01	7.08E-01	0.00E+00	0.00E+00	0.00E+00	5.33E-01
NBN025	9.07E-03	8.94E-01	-3.17E-03	8.95E-01	8.95E-07	0.00E+00	5.76E+02	8.22E-05	6.16E-04	6.54E-03	1.01E-03	3.33E+00	1.60E-08	8.76E-08	6.55E+00	2.32E-01	1.37E-03	4.29E-02	1.34E-02	1.62E-01	3.34E+01	1.01E+00	9.14E-08	5.61E-08	2.57E-03	6.13E-05	4.43E-01	2.20E-01	3.49E+01	4.58E-04	3.49E+01	3.54E+01	6.91E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
NBN032	9.83E-03	9.05E-01	-2.69E-03	9.03E-01	9.00E-07	0.00E+00	5.19E+02	1.02E-04	6.30E-04	6.75E-03	1.05E-03	4.21E+00	1.62E-08	1.07E-07	8.53E+00	2.77E-01	1.42E-03	4.39E-02	1.42E-02	1.64E-01	3.30E+01	1.02E+00	9.56E-08	6.12E-08	2.61E-03	6.26E-05	4.81E-01	2.23E-01	3.44E+01	4.71E-04	3.44E+01	3.50E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	6.27E-01
NBN040	1.05E-02	9.07E-01	-6.64E-04	9.04E-01	9.15E-07	0.00E+00	4.80E+02	1.12E-04	6.37E-04	6.96E-03	1.07E-03	4.91E+00	1.62E-08	1.22E-07	9.82E+00	3.19E-01	1.44E-03	4.35E-02	1.48E-02	1.69E-01	3.13E+01	1.04E+00	1.02E-07	6.49E-08	2.72E-03	6.48E-05	5.04E-01	2.23E-01	3.25E+01	5.26E-04	3.25E+01	3.30E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
NBN050	1.07E-02	9.07E-01	9.21E-04	9.03E-01	9.28E-07	0.00E+00	4.95E+02	1.32E-04	6.37E-04	6.94E-03	1.07E-03	4.82E+00	1.78E-08	1.15E-07	9.30E+00	3.53E-01	1.45E-03	4.34E-02	1.57E-02	1.69E-01	3.01E+01	1.04E+00	1.09E-07	6.66E-08	2.72E-03	6.55E-05	5.08E-01	2.23E-01	3.10E+01	5.41E-04	3.11E+01	3.20E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	6.55E-01
NBN063	1.23E-02	9.08E-01	1.41E-03	9.04E-01	9.29E-07	0.00E+00	4.94E+02	1.51E-04	6.39E-04	6.97E-03	1.09E-03	6.20E+00	1.79E-08	1.44E-07	1.37E+01	4.25E-01	1.47E-03	4.34E-02	1.68E-02	1.73E-01	2.98E+01	1.05E+00	1.08E-07	7.94E-08	2.76E-03	6.62E-05	5.31E-01	2.24E-01	3.08E+01	5.48E-04	3.09E+01	3.17E+01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	7.50E-01
NBN106	5.92E-03	8.42E-01	-7.47E-03	8.50E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.48E-04	5.70E-03	1.01E-03	1.61E+00	1.16E-08	5.78E-08	3.21E+00	9.50E-02	1.37E-03	4.25E-02	9.91E-03	1.47E-01	3.44E+01	1.04E+00	8.39E-08	4.02E-08	2.17E-03	5.54E-05	2.80E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NBN106A	5.93E-03	8.47E-01	-6.89E-03	8.54E-01	9.18E-07	0.00E+00	4.53E+02	3.84E-05	5.50E-04	5.72E-03	1.02E-03	1.61E+00	1.16E-08	5.78E-08	3.19E+00	9.51E-02	1.38E-03	4.25E-02	9.94E-03	1.47E-01	3.43E+01	1.05E+00	8.40E-08	4.02E-08	2.18E-03	5.55E-05	2.72E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
NBN106N	7.82E-03	9.63E-01	-1.30E-02	9.93E-01	1.20E-06	0.00E+00	1.13E+03	6.85E-05	5.45E-04	6.37E-03	9.02E-04	1.87E+00	8.58E-08	5.63E-08	4.03E+00	1.26E-01	1.22E-03	5.53E-02	1.68E-02	1.42E-01	3.57E+01	1.07E+00	4.26E-07	5.34E-08	2.38E-03	5.82E-05	2.89E-01	2.40E-01	3.68E+01	1.58E-04	3.68E+01	4.01E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	5.17E-01
NBN110	6.08E-03	8.32E-01	-7.75E-03	8.40E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.55E-04	6.01E-03	9.62E-04	1.75E+00	1.24E-08	4.27E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.26E-03	1.45E-01	3.37E+01	9.87E-01	8.48E-08	4.05E-08	2.19E-03	5.58E-05	2.67E-01	2.26E-01	3.47E+01	4.21E-04	3.47E+01	3.52E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
NBN110A	6.08E-03	8.32E-01	-7.75E-03	8.40E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.55E-04	6.01E-03	9.62E-04	1.75E+00	1.24E-08	4.27E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.26E-03	1.45E-01	3.37E+01	9.87E-01	8.48E-08	4.05E-08	2.19E-03	5.58E-05	2.67E-01	2.26E-01	3.47E+01	4.21E-04	3.47E+01	3.52E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
NBN110N	6.93E-03	9.70E-01	-1.33E-02	1.04E+00	1.21E-06	0.00E+00	1.12E+03	6.77E-05	5.34E-04	6.22E-03	8.79E-04	1.88E+00	8.69E-08	5.19E-08	3.80E+00	1.23E-01	1.20E-03	5.35E-02	1.46E-02	1.36E-01	3.66E+01	1.07E+00	4.23E-07	4.73E-08	2.13E-03	5.73E-05	2.62E-01	2.34E-01	3.73E+01	1.47E-04	3.73E+01	4.05E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-01
NBN113	7.14E-03	8.73E-01	-7.59E-03	8.77E-01	8.82E-07	0.00E+00	6.21E+02	4.53E-05	5.71E-04	6.00E-03	9.51E-04	1.97E+00	1.56E-08	4.75E-08	3.96E+00	1.17E-01	1.29E-03	4.24E-02	9.97E-03	1.56E-01	3.47E+01	9.94E-01	8.77E-08	4.65E-08	2.35E-03	5.57E-05	2.94E-01	2.35E-01	3.62E+01	3.93E-04	3.62E+01	3.66E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NBN116	6.25E-03	8.25E-01	-7.71E-03	8.32E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.22E-04	5.64E-03	9.80E-04	1.96E+00	1.25E-08	4.56E-08	3.93E+00	9.44E-02	1.33E-03	4.22E-02	9.54E-03	1.32E-01	3.34E+01	1.01E+00	8.61E-08	4.11E-08	2.12E-03	5.12E-05	2.38E-01	2.28E-01	3.44E+01	4.24E-04	3.44E+01	3.49E+01	4.66E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
NBN116A	6.46E-03	8.55E-01	-6.99E-03	8.62E-01	9.18E-07	0.00E+00	6.22E+02	3.90E-05	5.72E-04	6.21E-03	9.83E-04	1.96E+00	1.24E-08	4.63E-08	3.95E+00	9.49E-02	1.33E-03	4.22E-02	9.62E-03	1.45E-01	3.40E+01	1.00E+00	8.63E-08	4.26E-08	2.27E-03	5.47E-05	2.89E-01	2.28E-01	3.50E+01	4.24E-04	3.50E+01	3.55E+01	5.17E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-01
NBN116N	7.78E-03	1.02E+00	-1.30E-02	1.09E+00	1.21E-06	0.00E+00	1.12E+03	6.82E-05	5.45E-04	6.37E-03	9.01E-04	1.90E+00	1.06E-07	5.69E-08	4.00E+00	1.24E-01	1.22E-03	5.53E-02	1.68E-02	1.44E-01	3.66E+01	1.07E+00	4.05E-07	5.31E-08	2.38E-03	5.84E-05	2.98E-01	2.40E-01	3.73E+01	1.50E-04	3.73E+01	4.05E+01	6.32E-01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
NBN120	7.00E-03	8.84E-01	-6.97E-03	8.86E-01	8.88E-07	0.00E+00	6.23E+02	5.48E-05	5.95E-04	6.18E-03	1.00E-03	2.09E+00	1.57E-08	5.49E-08	4.26E+00	1.65E-01	1.35E-03	4.26E-02	1.04E-02	1.60E-01	3.39E+01	9.94E-01	8.91E-08	4.61E-08	2.38E-03	5.72E-05	3.14E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
NBN120A	7.06E-03	8.51E-01	-5.37E-03	8.56E-01	9.31E-07	0.00E+00	6.24E+02	6.50E-05	5.48E-04	5.98E-03	1.02E-03	2.57E+00	1.29E-08	5.93E-08	5.31E+00	1.74E-01	1.38E-03	4.32E-02	1.11E-02	1.49E-01	3.35E+01	1.00E+00	9.07E-08	4.63E-08	2.26E-03	5.65E-05	3.08E-01	2.32E-01	3.45E+01	4.31E-04	3.45E+01	3.51E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
NBN120N	7.81E-03	1.02E+00	-1.31E-02	1.09E+00	1.22E-06	0.00E+00	1.10E+03	7.24E-05	5.46E-04	6.43E-03	9.03E-04	1.93E+00	1.62E-07	5.39E-08	4.00E+00	1.36E-01	1.22E-03	5.56E-02	1.68E-02	1.44E-01	3.58E+01	1.07E+00	4.14E-07	5.33E-08	2.41E-03	6.03E-05	3.29E-01	2.40E-01	3.66E+01	1.51E-04	3.66E+01	4.00E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-01
NBN125	8.80E-03	8.87E-01	-3.97E-03	8.97E-01	9.16E-07	0.00E+00	5.75E+02	7.76E-05	6.17E-04	6.71E-03	1.00E-03	3.23E+00	1.52E-08	8.50E-08	6.45E+00	2.17E-01	1.36E-03	4.27E-02	1.32E-02	1.58E-01	3.34E+01	1.00E+00	9.14E-08	5.50E-08	2.55E-03	6.10E-05	4.21E-01	2.39E-01	3.49E+01	4.37E-04	3.49E+01	3.54E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	5.80E-01
NBN125A	9.16E-03	8.92E-01	-3.06E-03	8.91E-01	9.08E-07	0.00E+00	5.87E+02	8.24E-05	6.12E-04	6.49E-03	9.84E-04	3.34E+00	1.59E-08	8.60E-08	6.57E+00	2.34E-01	1.32E-03	4.26E-02	1.34E-02	1.56E-01	3.34E+01	9.98E-01	9.03E-08	5.66E-08	2.55E-03	6.04E-05	4.47E-01	2.36E-01	3.49E+01	4.40E-04	3.49E+01	3.54E+01	6.91E-01	0.00E+00	0.00E+00	0.00E+00	5.88E-01
NBN125N	8.81E-03	1.09E+00	-1.27E-02	1.16E+00	1.21E-06	0.00E+00	1.10E+03	7.87E-05	6.37E-04	7.05E-03	9.44E-04	2.33E+00	1.72E-07	7.47E-08	4.58E+00	1.45E-01	1.31E-03	5.77E-02	1.77E-02	1.97E-01	3.58E+01	1.09E+00	4.62E-07	5.86E-08	2.90E-03	6.37E-05	4.27E-01	2.45E-01	3.66E+01	2.80E-04	3.66E+01	4.01E+01	9.10E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
NBN132	9.83E-03	9.05E-01	-2.66E-03	9.04E-01	9.00E-07	0.00E+00	5.19E+02	1.02E-04	6.30E-04	6.76E-03	1.05E-03	4.20E+00	1.62E-08	1.07E-07	8.48E+00	2.92E-01	1.42E-03	4.41E-02	1.42E-02	1.64E-01	3.30E+01	1.02E+00	9.53E-08	6.12E-08	2.61E-03	6.25E-05	4.82E-01	2.23E-01	3.44E+01	4.72E-04	3.44E+01	3.50E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-01
NBN132A	9.03E-03	8.79E-01	-1.57E-03	8.81E-01	9.51E-07	0.00E+00	4.56E+02	1.01E-04	6.05E-04	6.43E-03	1.09E-03	3.93E+00	1.24E-08	1.04E-07	8.33E+00	2.84E-01	1.48E-03	4.47E-02	1.43E-02	1.54E-01	3.23E+01	1.06E+00	9.90E-08	5.87E-08	2.55E-03	6.03E-05	3.91E-01	2.39E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.30E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
NBN132N	1.07E-02	1.21E+00	-3.45E-02	1.27E+00	1.41E-06	0.00E+00	1.06E+03	1.13E-04	9.36E-04	1.04E-02	1.15E-03	5.10E+00	2.03E-07	1.24E-07	7.46E+00	3.07E-01	1.58E-03	5.94E-02	1.68E-02	2.33E-01	3.80E+01	1.42E+00	2.85E-07	7.13E-08	3.23E-03	6.95E-05	7.55E-01	6.68E-01	3.92E+01	4.31E-03	3.95E+01	4.04E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-01
NBN140	1.12E-02	9.50E-01	-3.86E-03	9.24E-01	1.04E-06	0.00E+00	5.64E+02	9.61E-05	6.62E-04	7.31E-03	1.02E-03	3.98E+00	1.73E-08	1.07E-07	7.16E+00	2.53E-01	1.43E-03	5.15E-02	1.52E-02	1.98E-01	3.14E+01	1.14E+00	1.24E-07	7.17E-08	2.70E-03	6.34E-05	5.01E-01	3.20E-01	3.33E+01	4.38E-04	3.35E+01	3.37E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-01
NBN140A	1.05E-02	9.05E-01	-6.57E-04	9.02E-01	9.29E-07	0.00E+00	4.80E+02	1.10E-04	6.35E-04	6.96E-03	1.06E-03	4.88E+00	1.62E-08	1.22E-07	9.68E+00	3.19E-01	1.43E-03	4.35E-02	1.45E-02	1.66E-01	3.13E+01	1.03E+00	1.00E-07	6.51E-08	2.71E-03	6.39E-05	5.04E-01	2.24E-01	3.27E+01	5.28E-04	3.27E+01	3.31E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	6.57E-01
NBN140N	1.10E-02	1.10E+00	-5.66E-03	1.13E+00	1.31E-06	0.00E+00	8.52E+02	1.33E-04	6.66E-04	7.52E-03	9.86E-04	5.23E+00	1.96E-07	1.31E-07	8.70E+00	3.35E-01	1.37E-03	5.48E-02	1.73E-02	2.05E-01	3.51E+01	1.10E+00	3.15E-07	6.96E-08	3.10E-03	6.71E-05	6.75E-01	2.55E-01	3.62E+01	3.91E-03	3.62E+01	3.74E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-01
NBN150	1.09E-02	1.00E+00	-3.53E-03	9.77E-01	1.05E-06	0.00E+00	4.18E+02	1.31E-04	7.94E-04	8.37E-03	1.06E-03	4.45E+00	1.86E-08	1.12E-07	9.18E+00	3.84E-01	1.44E-03	4.98E-02	1.58E-02	1.78E-01	3.14E+01	1.13E+00	1.28E-07	6.83E-08	2.83E-03	6.86E-05	5.03E-01	2.63E-01	3.19E+01	1.39E-03	3.19E+01	3.34E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
NBN150A	1.09E-02	1.00E+00	-3.53E-03	9.77E-01	1.05E-06	0.00E+00	4.18E+02	1.31E-04	7.94E-04	8.37E-03	1.06E-03	4.45E+00	1.86E-08	1.12E-07	9.16E+00	3.84E-01	1.44E-03	4.98E-02	1.58E-02	1.78E-01	3.14E+01	1.13E+00	1.28E-07	6.83E-08	2.83E-03	6.86E-05	5.03E-01	2.63E-01	3.19E+01	1.39E-03	3.19E+01	3.34E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
NBN150N	1.29E-02	1.09E+00	-4.99E-03	1.12E+00	1.33E-06	0.00E+00	8.52E+02	1.31E-04	6.68E-04	7.55E-03	9.84E-04	5.25E+00	1.93E-08	1.32E-07	8.77E+00	3.41E-01	1.36E-03	5.16E-02	1.72E-02	2.11E-01	3.48E+01	1.09E+00	3.13E-07	8.40E-08	3.11E-03	7.63E-05	6.69E-01	2.53E-01	3.63E+01	3.97E-03	3.62E+01	3.73E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-01
NBN163	1.23E-02	9.55E-01	-1.73E-03	9.29E-01	1.06E-06	0.00E+00	5.45E+02	1.37E-04	6.71E-04	7.43E-03	1.04E-03	5.97E+00	1.86E-08	1.36E-07	1.29E+01	3.78E-01	1.46E-03	5.15E-02	1.73E-02	2.01E-01	2.93E+01	1.14E+00	1.28E-07	7.79E-08	2.77E-03	6.50E-05	5.43E-01	3.20E-01	3.01E+01	4.91E-04	3.03E+01	3.14E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-01
NBN163A	1.25E-02	9.51E-01	-1.40E-03	9.31E-01	1.05E-06	0.00E+00	5.44E+02	1.38E-04	6.72E-04	7.36E-03	1.02E-03	5.96E+00	1.87E-08	1.35E-07	1.30E+01	3.83E-01	1.44E-03	4.99E-02	1.74E-02	2.01E-01	2.95E+01	1.13E+00	1.23E-07	8.01E-08	2.76E-03	6.50E-05	5.44E-01	2.68E-01	3.04E+01	4.96E-04	3.05E+01	3.18E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-01
NBN163N	1.31E-02	1.10E+00	-4.88E-03	1.13E+00	1.36E-06	0.00E+00	7.77E+02	1.77E-04	6.68E-04	7.59E-03	9.84E-04	6.67E+00	1.94E-08	1.58E-07	1.39E+01	4.79E-01	1.36E-03	5.16E-02	1.85E-02	2.13E-01	3.49E+01	1.11E+00	3.15E-07	8.55E-08	3.13E-03	7.59E-05	6.98E-01	2.53E-01	3.63E+01	3.98E-03	3.63E+01	3.74E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-01
NBN163R	1.24E-02	9.08E-01	1.46E-03	9.03E-01	9.29E-07	0.00E+00	4.88E+02	1.53E-04	6.39E-04	6.99E-03	1.07E-03	6.27E+00	1.79E-08	1.46E-07	1.38E+01	4.32E-01	1.45E-03	4.35E-02	1.69E-02	1.74E-01	2.98E+01	1.04E+00	1.09E-07	8.04E-08	2.77E-03	6.63E-05	5.40E-01	2.24E-01	3.08E+01	5.52E-04	3.08E+01	3.18E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-01
NBN206	1.90E-02	1.83E+00	-7.36E-03	1.82E+00	1.24E-06	0.00E+00	1.19E+03	6.79E-05	1.27E-03	1.32E-02	1.76E-03	2.44E+00	1.70E-08	6.97E-08	5.07E+00	1.94E-01	2.43E-03	8.72E-02	2.13E-02	3.48E-01	6.36E+01	1.45E+00	2.57E-07	1.19E-07	5.83E-03	1.38E-04	6.01E-01	2.71E-01	6.62E+01	9.01E-04	6.56E+01	6.71E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NBN206A	1.92E-02	1.83E+00	-7.24E-03	1.84E+00	1.35E-06	0.00E+00	1.19E+03	7.07E-05	1.27E-03	1.32E-02	1.76E-03	2.45E+00	1.70E-08	6.97E-08	5.12E+00	2.03E-01	2.43E-03	8.70E-02	2.14E-02	3.49E-01	6.35E+01	1.45E+00	2.55E-07	1.20E-07	5.84E-03	1.38E-04	6.05E-01	2.72E-01	6.60E+01	9.02E-04	6.54E+01	6.71E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NBN206N	1.18E-02	1.91E+00	-2.84E-02	1.99E+00	1.34E-06	0.00E+00	1.15E+03	8.29E-05	1.29E-03	1.36E-02	1.53E-03	2.43E+00	1.17E-07	7.82E-08	5.35E+00	1.50E-01	2.34E-03	1.10E-01	1.97E-02	3.11E-01	6.98E+01	1.51E+00	4.81E-07	8.59E-08	5.42E-03	1.29E-04	4.78E-01	3.95E-01	7.04E+01	2.94E-04	6.99E+01	7.35E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-01
NBN210	1.72E-02	1.86E+00	-1.83E-02	1.87E+00	1.31E-06	0.00E+00	1.33E+03	1.11E-04	1.59E-03	1.68E-02	1.80E-03	3.01E+00	2.34E-08	1.00E-07	5.63E+00	2.72E-01	2.46E-03	8.73E-02	2.22E-02	3.48E-01	6.34E+01	2.09E+00	2.62E-07	1.21E-07	5.63E-03	1.40E-04	7.79E-01	4.81E-01	6.60E+01	8.80E-04	6.56E+01	6.78E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
NBN210A	1.33E-02	1.63E+00	-1.55E-02	1.65E+00	1.54E-06	0.00E+00	1.22E+03	7.76E-05	1.03E-03	1.12E-02	1.93E-03	3.50E+00	2.40E-08	8.46E-08	7.05E+00	1.89E-01	2.61E-03	8.44E-02	-1.80E+00	2.96E-01	6.71E+01	1.97E+00	1.71E-07	8.01E-08	4.18E-03	1.30E-04	5.45E-01	4.53E-01	6.91E+01	8.85E-04	6.91E+01	7.01E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
NBN210N	1.12E-02	1.90E+00	-2.72E-02	1.97E+00	1.37E-06	0.00E+00	1.15E+03	1.17E-04	1.29E-03	1.36E-02	1.51E-03	5.11E+00	1.19E-07	1.25E-07	8.25E+00	2.15E-01	2.27E-03	1.11E-01	2.11E-02	3.11E-01	7.00E+01	1.51E+00	4.82E-07	8.64E-08	5.43E-03	1.30E-04	6.97E-01	3.95E-01	7.05E+01	2.92E-04	7.01E+01	7.38E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-01
NBN213	1.91E-02	1.86E+00	-1.72E-02	1.86E+00	1.28E-06	0.00E+00	1.33E+03	1.09E-04	1.60E-03	1.70E-02	1.81E-03	2.85E+00	2.10E-08	9.61E-08	5.32E+00	2.49E-01	2.47E-03	8.69E-02	2.22E-02	3.52E-01	6.30E+01	2.09E+00	2.56E-07	1.21E-07	5.68E-03	1.41E-04	7.80E-01	4.79E-01	6.56E+01	8.79E-04	6.53E+01	6.74E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NBN216	1.94E-02	1.86E+00	-1.45E-02	1.86E+00	1.29E-06	0.00E+00	1.25E+03	1.13E-04	1.29E-03	1.38E-02	1.80E-03	3.09E+00	1.96E-08	1.01E-07	5.60E+00	2.70E-01	2.46E-03	8.77E-02	2.24E-02	3.49E-01	6.28E+01	1.77E+00	2.56E-07	1.22E-07	5.67E-03	1.41E-04	7.92E-01	4.78E-01	6.55E+01	8.85E-04	6.52E+01	6.71E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NBN216A	1.96E-02	1.87E+00	-1.61E-02	1.88E+00	1.42E-06	0.00E+00	1.26E+03	1.10E-04	1.58E-03	1.68E-02	1.81E-03	3.08E+00	2.31E-08	1.00E-07	5.66E+00	2.57E-01	2.47E-03	8.72E-02	2.28E-02	3.54E-01	6.28E+01	2.08E+00	2.54E-07	1.23E-07	5.69E-03	1.41E-04	7.93E-01	4.82E-01	6.54E+01	8.88E-04	6.51E+01	6.73E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NBN216N	1.27E-02	1.91E+00	-2.56E-02	1.98E+00	1.38E-06	0.00E+00	1.15E+03	1.37E-04	1.29E-03	1.37E-02	1.51E-03	5.38E+00	1.48E-07	1.26E-07	8.08E+00	2.79E-01	2.30E-03	1.11E-01	2.20E-02	3.13E-01	7.00E+01	1.51E+00	4.84E-07	9.09E-08	5.44E-03	1.30E-04	7.38E-01	3.95E-01	7.04E+01	3.06E-04	7.00E+01	7.36E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-01
NBN220	2.14E-02	1.86E+00	-1.52E-02	1.86E+00	1.30E-06	0.00E+00	1.27E+03	1.24E-04	1.28E-03	1.36E-02	1.97E-03	3.89E+00	2.00E-08	1.20E-07	7.37E+00	3.32E-01	2.73E-03	8.75E-02	2.79E-02	3.62E-01	6.25E+01	1.77E+00	2.56E-07	1.33E-07	5.76E-03	1.42E-04	8.37E-01	4.79E-01	6.54E+01	8.86E-04	6.52E+01	6.72E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NBN220A	2.15E-02	1.86E+00	-1.49E-02	1.88E+00	1.41E-06	0.00E+00	1.27E+03	1.26E-04	1.28E-03	1.37E-02	1.97E-03	3.90E+00	2.00E-08	1.21E-07	7.40E+00	3.41E-01	2.72E-03	8.73E-02	2.81E-02	3.63E-01	6.24E+01	1.77E+00	2.54E-07	1.34E-07	5.76E-03	1.42E-04	8.38E-01	4.80E-01	6.52E+01	8.90E-04	6.50E+01	6.71E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NBN220N	1.34E-02	1.94E+00	-2.49E-02	2.00E+00	1.39E-06	0.00E+00	1.15E+03	1.47E-04	1.29E-03	1.37E-02	1.53E-03	5.79E+00	2.02E-07	1.38E-07	9.30E+00	3.11E-01	2.34E-03	1.14E-01	2.28E-02	3.16E-01	6.99E+01	1.51E+00	5.23E-07	9.56E-08	5.48E-03	1.32E-04	7.53E-01	3.96E-01	7.05E+01	3.08E-04	7.01E+01	7.36E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-01
NBN225	2.20E-02	1.86E+00	-1.34E-02	1.87E+00	1.36E-06	0.00E+00	1.25E+03	2.11E-04	1.56E-03	1.65E-02	1.99E-03	7.13E+00	2.36E-08	1.98E-07	1.55E+01	5.26E-01	2.73E-03	8.84E-02	3.15E-02	3.72E-01	6.26E+01	2.23E+00	2.71E-07	1.39E-07	5.77E-03	1.45E-04	9.03E-01	4.81E-01	6.50E+01	8.90E-04	6.49E+01	6.68E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NBN225A	2.22E-02	1.87E+00	-1.31E-02	1.89E+00	1.45E-06	0.00E+00	1.25E+03	2.12E-04	1.56E-03	1.65E-02	1.98E-03	7.15E+00	2.36E-08	2.01E-07	1.56E+01	5.34E-01	2.73E-03	8.82E-02	3.19E-02	3.74E-01	6.26E+01	2.23E+00	2.65E-07	1.40E-07	5.77E-03	1.44E-04	9.04E-01	4.82E-01	6.48E+01	8.93E-04	6.48E+01	6.67E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NBN225N	1.93E-02	2.08E+00	-2.55E-02	2.09E+00	1.39E-06	0.00E+00	1.12E+03	1.80E-04	1.31E-03	1.38E-02	1.83E-03	6.78E+00	2.41E-07	1.70E-07	1.31E+01	3.81E-01	2.50E-03	1.13E-01	3.50E-02	3.89E-01	6.99E+01	1.47E+00	5.34E-07	1.29E-07	6.34E-03	1.33E-04	8.16E-01	3.97E-01	7.05E+01	3.55E-04	7.02E+01	7.35E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NBN232	2.23E-02	1.87E+00	-1.29E-02	1.87E+00	1.51E-06	0.00E+00	1.26E+03	2.22E-04	1.57E-03	1.65E-02	2.10E-03	8.20E+00	2.19E-08	2.15E-07	1.77E+01	5.63E-01	2.88E-03	9.01E-02	3.05E-02	3.75E-01	6.18E+01	2.25E+00	2.71E-07	1.41E-07	5.78E-03	1.46E-04	9.25E-01	4.84E-01	6.32E+01	9.18E-04	6.31E+01	6.53E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NBN232A	1.79E-02	1.80E+00	-2.32E-02	1.82E+00	1.67E-06	0.00E+00	1.69E+03	1.44E-04	1.51E-03	1.63E-02	2.00E-03	5.68E+00	2.65E-08	1.47E-07	1.09E+01	3.53E-01	2.79E-03	1.05E-01	2.62E-02	3.36E-01	6.10E+01	2.33E+00	2.88E-07	1.16E-07	5.21E-03	1.27E-04	7.74E-01	5.41E-01	6.33E+01	4.26E-04	6.32E+01	6.49E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
NBN232N	2.14E-02	2.07E+00	-2.38E-02	2.07E+00	1.46E-06	0.00E+00	7.31E+02	1.96E-04	1.33E-03	1.38E-02	1.94E-03	6.86E+00	2.66E-07	1.85E-07	1.38E+01	5.22E-01	2.73E-03	1.07E-01	3.54E-02	4.05E-01	6.90E+01	1.45E+00	3.87E-07	1.44E-07	6.63E-03	1.51E-04	8.66E-01	4.01E-01	7.01E+01	4.13E-03	6.98E+01	7.07E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NBN240	2.21E-02	1.79E+00	1.41E-04	1.80E+00	1.45E-06	0.00E+00	1.09E+03	2.22E-04	1.28E-03	1.33E-02	2.03E-03	8.54E+00	2.01E-08	2.17E-07	1.86E+01	5.81E-01	2.82E-03	8.93E-02	3.11E-02	3.61E-01	6.12E+01	1.41E+00	2.53E-07	1.38E-07	5.71E-03	1.42E-04	9.16E-01	2.90E-01	6.35E+01	9.06E-04	6.31E+01	6.51E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NBN240A	2.23E-02	1.80E+00	4.17E-04	1.82E+00	1.56E-06	0.00E+00	1.09E+03	2.23E-04	1.28E-03	1.33E-02	2.03E-03	8.52E+00	2.01E-08	2.18E-07	1.86E+01	5.87E-01	2.81E-03	8.85E-02	3.13E-02	3.62E-01	6.11E+01	1.42E+00	2.51E-07	1.39E-07	5.72E-03	1.42E-04	9.18E-01	2.90E-01	6.33E+01	9.14E-04	6.29E+01	6.50E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NBN240N	2.17E-02	2.03E+00	-2.31E-02	2.04E+00	1.42E-06	0.00E+00	7.13E+02	2.36E-04	1.31E-03	1.38E-02	1.94E-03	7.18E+00	2.91E-07	1.96E-07	1.43E+01	6.23E-01	2.73E-03	1.07E-01	3.67E-02	4.01E-01	6.81E+01	1.45E+00	4.01E-07	1.42E-07	6.53E-03	1.46E-04	8.72E-01	3.94E-01	6.96E+01	4.11E-03	6.92E+01	7.01E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
NBN250	2.28E-02	1.80E+00	1.17E-03	1.80E+00	1.30E-06	0.00E+00	1.01E+03	2.52E-04	1.27E-03	1.30E-02	1.98E-03	8.79E+00	1.93E-08	2.29E-07	1.90E+01	6.65E-01	2.74E-03	8.98E-02	3.12E-02	3.69E-01	6.15E+01	1.41E+00	3.52E-07	1.48E-07	5.74E-03	1.44E-04	9.58E-01	2.51E-01	6.35E+01	1.05E-03	6.31E+01	6.51E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NBN250A	2.29E-02	1.81E+00	1.44E-03	1.82E+00	1.61E-06	0.00E+00	1.01E+03	2.56E-04	1.27E-03	1.31E-02	2.04E-03	9.12E+00	1.92E-08	2.33E-07	1.90E+01	6.96E-01	2.83E-03	8.92E-02	3.14E-02	3.75E-01	6.14E+01	1.41E+00	3.54E-07	1.48E-07	5.78E-03	1.44E-04	9.60E-01	2.51E-01	6.32E+01	1.05E-03	6.29E+01	6.49E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NBN250N	2.27E-02	2.01E+00	-2.22E-02	2.01E+00	1.46E-06	0.00E+00	7.13E+02	2.15E-04	1.33E-03	1.40E-02	1.95E-03	6.90E+00	2.73E-08	1.88E-07	1.41E+01	5.92E-01	2.73E-03	1.05E-01	3.81E-02	3.88E-01	6.57E+01	1.44E+00	3.81E-07	1.51E-07	6.65E-03	1.57E-04	8.87E-01	4.01E-01	6.81E+01	4.15E-03	6.77E+01	6.88E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NBN263	2.64E-02	1.81E+00	1.18E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.62E-04	1.29E-03	1.33E-02	2.05E-03	1.27E+01	2.07E-08	3.26E-07	2.70E+01	1.02E+00	2.84E-03	9.10E-02	3.59E-02	3.78E-01	6.15E+01	1.44E+00	3.73E-07	1.65E-07	5.75E-03	1.46E-04	1.19E+00	2.90E-01	6.27E+01	1.04E-03	6.23E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NBN263A	2.65E-02	1.81E+00	7.82E-04	1.82E+00	1.61E-06	0.00E+00	1.01E+03	3.63E-04	1.29E-03	1.33E-02	2.04E-03	1.27E+01	2.04E-08	3.25E-07	2.71E+01	1.02E+00	2.83E-03	9.01E-02	3.62E-02	3.81E-01	6.13E+01	1.45E+00	3.75E-07	1.65E-07	5.79E-03	1.46E-04	1.20E+00	2.73E-01	6.25E+01	1.05E-03	6.22E+01	6.44E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NBN263N	2.78E-02	2.02E+00	-2.18E-02	2.01E+00	1.44E-06	0.00E+00	7.12E+02	2.27E-04	1.34E-03	1.40E-02	1.94E-03	1.05E+01	2.63E-08	2.47E-07	1.70E+01	6.08E-01	2.73E-03	1.04E-01	3.98E-02	3.97E-01	6.57E+01	1.45E+00	4.05E-07	1.73E-07	6.77E-03	1.59E-04	1.10E+00	4.01E-01	6.82E+01	4.16E-03	6.78E+01	6.88E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NBN263R	2.64E-02	1.81E+00	1.16E-03	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.62E-04	1.28E-03	1.31E-02	2.04E-03	1.27E+01	1.94E-08	3.26E-07	2.70E+01	1.02E+00	2.83E-03	9.09E-02	3.59E-02	3.76E-01	6.15E+01	1.44E+00	3.73E-07	1.65E-07	5.75E-03	1.46E-04	1.19E+00	2.71E-01	6.27E+01	1.05E-03	6.23E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NBN306	2.12E-02	2.42E+00	-1.79E-02	2.42E+00	1.78E-06	0.00E+00	1.15E+03	1.14E-04	1.67E-03	1.77E-02	2.88E-03	4.30E+00	2.25E-08	1.53E-07	7.24E+00	2.96E-01	3.91E-03	1.21E-01	3.03E-02	4.69E-01	1.01E+02	2.86E+00	2.94E-07	1.37E-07	7.07E-03	1.84E-04	8.66E-01	5.84E-01	1.03E+02	1.31E-03	1.03E+02	1.04E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NBN306A	2.12E-02	2.47E+00	-1.98E-02	2.48E+00	1.93E-06	0.00E+00	1.76E+03	1.13E-04	1.75E-03	1.90E-02	2.91E-03	4.43E+00	2.69E-08	1.58E-07	7.45E+00	2.83E-01	3.95E-03	1.23E-01	3.12E-02	4.99E-01	1.00E+02	2.54E+00	2.92E-07	1.38E-07	7.14E-03	1.90E-04	8.61E-01	5.91E-01	1.03E+02	1.32E-03	1.03E+02	1.04E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NBN306N	1.95E-02	2.48E+00	-3.59E-02	2.55E+00	1.71E-06	0.00E+00	1.16E+03	1.40E-04	1.35E-03	1.40E-02	2.67E-03	5.24E+00	1.40E-07	1.42E-07	7.95E+00	2.83E-01	3.65E-03	1.21E-01	3.38E-02	4.01E-01	9.98E+01	2.92E+00	5.00E-07	1.34E-07	6.38E-03	1.70E-04	8.14E-01	8.59E-01	1.07E+02	3.65E-04	1.04E+02	1.14E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NBN310	2.13E-02	2.66E+00	-3.24E-02	2.69E+00	1.97E-06	0.00E+00	1.83E+03	1.56E-04	1.76E-03	1.91E-02	2.81E-03	6.66E+00	3.02E-08	1.69E-07	1.45E+01	3.76E-01	3.82E-03	1.24E-01	3.03E-02	4.65E-01	1.03E+02	3.01E+00	2.76E-07	1.36E-07	7.07E-03	1.86E-04	8.88E-01	7.66E-01	1.04E+02	1.31E-03	1.05E+02	1.06E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NBN310A	2.13E-02	2.65E+00	-2.42E-02	2.68E+00	2.09E-06	0.00E+00	1.82E+03	1.61E-04	1.76E-03	1.92E-02	2.79E-03	6.64E+00	3.02E-08	1.67E-07	1.45E+01	3.85E-01	3.80E-03	1.24E-01	3.02E-02	4.64E-01	1.01E+02	2.99E+00	2.92E-07	1.36E-07	7.04E-03	1.84E-04	8.98E-01	7.05E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NBN310N	1.97E-02	2.49E+00	-3.50E-02	2.57E+00	1.76E-06	0.00E+00	1.16E+03	1.63E-04	1.36E-03	1.42E-02	2.67E-03	6.28E+00	1.51E-07	1.64E-07	1.28E+01	3.34E-01	3.66E-03	1.23E-01	3.38E-02	4.03E-01	9.95E+01	2.92E+00	5.02E-07	1.34E-07	6.67E-03	1.70E-04	8.39E-01	8.63E-01	1.07E+02	3.52E-04	1.04E+02	1.14E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NBN313	2.13E-02	2.65E+00	-3.24E-02	2.69E+00	1.99E-06	0.00E+00	1.83E+03	1.57E-04	1.76E-03	1.91E-02	2.89E-03	6.71E+00	3.03E-08	1.69E-07	1.45E+01	3.78E-01	3.90E-03	1.24E-01	3.08E-02	4.68E-01	1.03E+02	3.03E+00	2.75E-07	1.37E-07	7.08E-03	1.87E-04	8.80E-01	7.66E-01	1.04E+02	1.32E-03	1.05E+02	1.06E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NBN316	1.92E-02	2.53E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.83E-02	2.94E-03	5.87E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.77E-01	1.02E+02	2.95E+00	2.62E-07	1.28E-07	6.77E-03	2.00E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NBN316A	2.08E-02	2.47E+00	-2.26E-02	2.49E+00	2.31E-06	0.00E+00	1.85E+03	1.17E-04	1.57E-03	1.70E-02	2.94E-03	5.86E+00	3.63E-08	1.38E-07	1.19E+01	2.82E-01	3.98E-03	1.27E-01	-3.64E+00	4.39E-01	1.01E+02	2.99E+00	2.60E-07	1.25E-07	6.41E-03	1.92E-04	8.49E-01	6.84E-01	1.04E+02	1.36E-03	1.04E+02	1.06E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NBN316N	2.06E-02	2.49E+00	-3.57E-02	2.57E+00	1.78E-06	0.00E+00	1.05E+03	1.71E-04	1.37E-03	1.44E-02	2.67E-03	6.39E+00	2.19E-07	1.75E-07	1.32E+01	3.59E-01	3.66E-03	1.23E-01	3.54E-02	4.13E-01	9.94E+01	2.92E+00	5.00E-07	1.39E-07	6.67E-03	1.71E-04	8.26E-01	8.63E-01	1.07E+02	3.78E-04	1.04E+02	1.14E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
NBN320	2.15E-02	2.66E+00	-2.11E-02	2.70E+00	2.13E-06	0.00E+00	1.80E+03	1.68E-04	1.79E-03	1.94E-02	2.99E-03	7.14E+00	3.14E-08	1.69E-07	1.53E+01	4.35E-01	4.05E-03	1.27E-01	3.31E-02	5.09E-01	1.02E+02	3.00E+00	2.81E-07	1.41E-07	7.22E-03	2.05E-04	8.91E-01	7.16E-01	1.04E+02	1.34E-03	1.04E+02	1.06E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NBN320A	2.16E-02	2.59E+00	-1.72E-02	2.61E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.97E-01	1.01E+02	2.95E+00	2.76E-07	1.42E-07	7.17E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NBN320N	2.11E-02	2.51E+00	-3.50E-02	2.59E+00	1.80E-06	0.00E+00	1.03E+03	1.89E-04	1.39E-03	1.47E-02	2.68E-03	6.98E+00	2.95E-07	1.90E-07	1.34E+01	3.85E-01	3.66E-03	1.23E-01	3.67E-02	4.15E-01	9.81E+01	2.91E+00	5.42E-07	1.42E-07	6.79E-03	1.71E-04	8.66E-01	8.62E-01	1.06E+02	4.33E-04	1.03E+02	1.14E+02	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NBN325	2.37E-02	2.70E+00	-1.86E-02	2.75E+00	2.18E-06	0.00E+00	1.75E+03	1.94E-04	1.81E-03	1.99E-02	3.00E-03	8.55E+00	3.14E-08	2.04E-07	1.76E+01	4.72E-01	4.05E-03	1.27E-01	3.66E-02	5.16E-01	1.02E+02	3.05E+00	2.94E-07	1.57E-07	7.44E-03	2.10E-04	1.02E+00	7.17E-01	1.05E+02	1.38E-03	1.05E+02	1.06E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00

NBN325A	2.38E-02	2.70E+00	-2.95E-02	2.76E+00	2.26E-06	0.00E+00	1.76E+03	1.96E-04	1.82E-03	1.99E-02	3.00E-03	8.59E+00	3.12E-08	2.05E-07	1.76E+01	4.75E-01	4.05E-03	1.26E-01	3.67E-02	5.18E-01	1.04E+02	3.10E+00	2.88E-07	1.58E-07	7.47E-03	2.12E-04	1.02E+00	7.66E-01	1.06E+02	1.38E-03	1.07E+02	1.08E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NBN325N	2.80E-02	2.56E+00	-3.47E-02	2.61E+00	1.86E-06	0.00E+00	1.03E+03	1.96E-04	2.21E-03	2.20E-02	3.04E-03	7.19E+00	3.42E-07	2.01E-07	1.38E+01	4.02E-01	4.12E-03	1.26E-01	4.34E-02	6.09E-01	9.86E+01	2.91E+00	5.53E-07	1.92E-07	9.06E-03	2.16E-04	8.56E-01	8.70E-01	1.06E+02	5.15E-04	1.03E+02	1.15E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
NBN332	2.92E-02	2.44E+00	-7.85E-03	2.44E+00	2.16E-06	0.00E+00	1.03E+03	3.58E-04	1.76E-03	1.89E-02	3.15E-03	1.17E+01	2.37E-08	3.27E-07	2.57E+01	9.94E-01	4.25E-03	1.28E-01	4.29E-02	5.26E-01	1.00E+02	2.69E+00	3.28E-07	1.83E-07	7.86E-03	2.02E-04	1.18E+00	5.91E-01	1.03E+02	1.52E-03	1.03E+02	1.05E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NBN332A	2.74E-02	2.68E+00	-4.30E-03	2.68E+00	2.44E-06	0.00E+00	1.32E+03	3.02E-04	1.90E-03	2.02E-02	3.28E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.44E-03	1.34E-01	4.30E-02	5.11E-01	9.74E+01	3.14E+00	3.01E-07	1.79E-07	7.93E-03	2.18E-04	1.18E+00	7.18E-01	1.00E+02	1.50E-03	1.00E+02	1.02E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NBN332N	3.27E-02	2.50E+00	-3.26E-02	2.49E+00	2.12E-06	0.00E+00	7.19E+02	3.87E-04	2.07E-03	2.16E-02	3.03E-03	1.10E+01	3.62E-07	3.11E-07	2.36E+01	1.00E+00	4.05E-03	1.20E-01	4.43E-02	6.20E-01	8.94E+01	2.61E+00	4.19E-07	2.07E-07	8.97E-03	2.06E-04	1.19E+00	8.81E-01	9.19E+01	6.39E-03	9.16E+01	9.32E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
NBN340	2.51E-02	2.44E+00	-8.77E-03	2.44E+00	2.16E-06	0.00E+00	1.52E+03	2.33E-04	1.95E-03	2.10E-02	3.17E-03	1.02E+01	2.78E-08	2.29E-07	2.07E+01	6.47E-01	4.30E-03	1.27E-01	3.87E-02	5.34E-01	9.72E+01	2.80E+00	3.21E-07	1.76E-07	8.35E-03	2.16E-04	1.02E+00	5.95E-01	1.00E+02	1.58E-03	1.01E+02	1.01E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NBN340A	2.52E-02	2.44E+00	-7.33E-03	2.44E+00	2.21E-06	0.00E+00	1.42E+03	2.35E-04	1.88E-03	1.99E-02	3.17E-03	1.02E+01	2.40E-08	2.30E-07	2.07E+01	6.52E-01	4.29E-03	1.26E-01	3.87E-02	5.34E-01	9.73E+01	2.75E+00	3.17E-07	1.77E-07	8.36E-03	2.16E-04	1.03E+00	5.94E-01	1.00E+02	1.58E-03	1.00E+02	1.01E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NBN340N	3.37E-02	2.51E+00	-3.15E-02	2.50E+00	2.03E-06	0.00E+00	7.19E+02	3.95E-04	2.13E-03	2.20E-02	3.03E-03	1.14E+01	3.76E-07	3.15E-07	2.45E+01	1.02E+00	4.06E-03	1.19E-01	4.42E-02	6.21E-01	8.91E+01	2.62E+00	5.73E-07	2.16E-07	9.10E-03	2.10E-04	1.23E+00	8.72E-01	9.12E+01	6.30E-03	9.12E+01	9.28E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
NBN350	3.32E-02	2.44E+00	-1.09E-03	2.44E+00	2.12E-06	0.00E+00	1.02E+03	3.91E-04	1.88E-03	2.01E-02	3.18E-03	1.55E+01	2.35E-08	3.75E-07	3.32E+01	1.13E+00	4.31E-03	1.26E-01	4.63E-02	5.47E-01	9.43E+01	2.68E+00	3.52E-07	2.14E-07	8.59E-03	2.20E-04	1.34E+00	5.31E-01	9.82E+01	1.62E-03	9.77E+01	9.93E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
NBN350A	3.31E-02	2.44E+00	2.32E-04	2.43E+00	2.24E-06	0.00E+00	1.02E+03	3.96E-04	1.89E-03	2.01E-02	3.17E-03	1.55E+01	2.36E-08	3.74E-07	3.32E+01	1.12E+00	4.29E-03	1.26E-01	4.64E-02	5.48E-01	9.44E+01	2.65E+00	3.48E-07	2.12E-07	8.60E-03	2.19E-04	1.36E+00	5.00E-01	9.80E+01	1.62E-03	9.76E+01	9.95E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NBN350N	3.89E-02	2.50E+00	-2.91E-02	2.46E+00	2.02E-06	0.00E+00	7.19E+02	3.54E-04	2.18E-03	2.22E-02	3.03E-03	1.62E+01	3.18E-08	3.91E-07	3.36E+01	9.41E-01	4.05E-03	1.16E-01	4.58E-02	5.88E-01	8.81E+01	2.63E+00	4.95E-07	2.38E-07	9.10E-03	2.35E-04	1.38E+00	8.72E-01	9.15E+01	6.37E-03	9.16E+01	9.32E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00
NBN363	3.32E-02	2.44E+00	2.34E-03	2.45E+00	2.15E-06	0.00E+00	1.39E+03	3.97E-04	1.89E-03	2.01E-02	3.20E-03	1.55E+01	2.35E-08	3.75E-07	3.38E+01	1.14E+00	4.34E-03	1.26E-01	4.64E-02	5.57E-01	9.43E+01	2.71E+00	4.38E-07	2.15E-07	8.62E-03	2.21E-04	1.35E+00	5.94E-01	9.82E+01	1.63E-03	9.81E+01	9.93E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NBN363A	3.69E-02	2.66E+00	9.09E-03	2.65E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.54E-03	1.29E-01	5.38E-02	5.83E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.94E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NBN363N	3.92E-02	2.50E+00	-2.91E-02	2.46E+00	2.02E-06	0.00E+00	7.19E+02	3.57E-04	2.19E-03	2.24E-02	3.03E-03	1.64E+01	3.18E-08	3.92E-07	3.43E+01	9.52E-01	4.06E-03	1.16E-01	4.59E-02	6.00E-01	8.78E+01	2.63E+00	5.58E-07	2.42E-07	9.37E-03	2.36E-04	1.40E+00	8.71E-01	9.12E+01	6.35E-03	9.14E+01	9.32E+01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00
NBN406	2.94E-02	2.52E+00	-2.12E-02	2.52E+00	2.25E-06	0.00E+00	2.08E+03	1.26E-04	2.29E-03	2.43E-02	3.83E-03	6.03E+00	3.03E-08	1.61E-07	1.00E+01	3.11E-01	5.32E-03	1.69E-01	3.70E-02	6.00E-01	1.29E+02	2.44E+00	3.99E-07	1.88E-07	9.61E-03	2.40E-04	9.20E-01	7.07E-01	1.33E+02	1.73E-03	1.32E+02	1.32E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NBN406A	2.90E-02	2.48E+00	-1.79E-02	2.46E+00	2.21E-06	0.00E+00	1.81E+03	1.35E-04	2.19E-03	2.28E-02	3.82E-03	6.01E+00	2.51E-08	1.61E-07	1.01E+01	3.64E-01	5.22E-03	1.68E-01	3.71E-02	5.97E-01	1.28E+02	2.76E+00	3.92E-07	1.88E-07	9.60E-03	2.41E-04	9.27E-01	6.75E-01	1.33E+02	1.75E-03	1.32E+02	1.32E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NBN406N	2.79E-02	2.61E+00	-3.85E-02	2.65E+00	2.19E-06	0.00E+00	1.15E+03	1.49E-04	2.23E-03	2.26E-02	3.46E-03	5.69E+00	1.54E-07	1.66E-07	8.98E+00	2.89E-01	4.86E-03	1.67E-01	4.17E-02	6.18E-01	1.17E+02	2.84E+00	6.10E-07	1.86E-07	8.77E-03	2.34E-04	9.26E-01	9.13E-01	1.26E+02	5.57E-04	1.23E+02	1.32E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NBN410	2.86E-02	3.15E+00	-3.26E-02	3.22E+00	2.36E-06	0.00E+00	2.33E+03	1.75E-04	2.41E-03	2.58E-02	3.74E-03	9.85E+00	3.39E-08	2.09E-07	1.82E+01	4.34E-01	5.16E-03	1.71E-01	3.79E-02	6.07E-01	1.31E+02	3.75E+00	3.93E-07	1.89E-07	9.50E-03	2.42E-04	1.04E+00	9.50E-01	1.33E+02	1.79E-03	1.33E+02	1.34E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NBN410A	2.94E-02	3.23E+00	-3.80E-02	3.34E+00	2.43E-06	0.00E+00	2.33E+03	1.80E-04	2.43E-03	2.61E-02	3.97E-03	1.01E+01	4.19E-08	2.12E-07	1.84E+01	4.61E-01	5.40E-03	1.69E-01	3.83E-02	6.16E-01	1.31E+02	3.78E+00	3.80E-07	1.89E-07	9.67E-03	2.48E-04	1.08E+00	1.03E+00	1.33E+02	1.84E-03	1.34E+02	1.35E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NBN410N	2.64E-02	2.60E+00	-3.91E-02	2.65E+00	2.19E-06	0.00E+00	1.05E+03	2.00E-04	2.21E-03	2.26E-02	3.40E-03	8.26E+00	1.91E-07	2.16E-07	1.74E+01	3.92E-01	4.83E-03	1.65E-01	4.18E-02	6.22E-01	1.17E+02	2.83E+00	6.08E-07	1.76E-07	8.72E-03	2.34E-04	9.37E-01	9.17E-01	1.26E+02	4.53E-04	1.24E+02	1.32E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NBN413	2.99E-02	3.17E+00	-3.00E-02	3.26E+00	2.37E-06	0.00E+00	2.33E+03	2.00E-04	2.44E-03	2.65E-02	3.83E-03	1.03E+01	4.11E-08	2.28E-07	1.89E+01	4.65E-01	5.32E-03	1.68E-01	4.05E-02	6.10E-01	1.31E+02	3.77E+00	3.90E-07	1.97E-07	9.74E-03	2.45E-04	1.07E+00	9.67E-01	1.33E+02	1.86E-03	1.33E+02	1.34E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
NBN416	3.01E-02	3.18E+00	-2.89E-02	3.27E+00	2.38E-06	0.00E+00	2.34E+03	1.96E-04	2.42E-03	2.64E-02	3.86E-03	1.06E+01	3.40E-08	2.30E-07	1.96E+01	4.80E-01	5.32E-03	1.69E-01	4.18E-02	6.12E-01	1.31E+02	3.77E+00	3.92E-07	1.96E-07	9.76E-03	2.45E-04	1.13E+00	9.51E-01	1.35E+02	1.78E-03	1.35E+02	1.35E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NBN416A	3.00E-02	3.20E+00	-2.84E-02	3.29E+00	2.45E-06	0.00E+00	2.33E+03	1.98E-04	2.41E-03	2.63E-02	3.86E-03	1.06E+01	4.12E-08	2.31E-07	1.96E+01	4.87E-01	5.32E-03	1.70E-01	4.18E-02	6.10E-01	1.31E+02	3.79E+00	3.81E-07	1.96E-07	9.75E-03	2.46E-04	1.14E+00	9.61E-01	1.35E+02	1.80E-03	1.35E+02	1.36E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NBN416N	2.79E-02	2.61E+00	-3.86E-02	2.65E+00	2.21E-06	0.00E+00	1.04E+03	2.15E-04	2.23E-03	2.29E-02	3.44E-03	9.33E+00	2.52E-07	2.37E-07	1.84E+01	4.16E-01	4.85E-03	1.65E-01	4.44E-02	6.21E-01	1.18E+02	2.83E+00	6.10E-07	1.88E-07	8.90E-03	2.35E-04	9.55E-01	9.17E-01	1.27E+02	5.30E-04	1.24E+02	1.33E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NBN420	3.03E-02	3.43E+00	-2.74E-02	3.48E+00	2.39E-06	0.00E+00	2.34E+03	2.18E-04	2.42E-03	2.64E-02	3.94E-03	1.07E+01	4.18E-08	2.35E-07	2.01E+01	5.43E-01	5.41E-03	1.70E-01	4.29E-02	6.16E-01	1.31E+02	3.78E+00	3.88E-07	1.97E-07	9.78E-03	2.48E-04	1.14E+00	9.67E-01	1.35E+02	1.81E-03	1.35E+02	1.37E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NBN420A	3.02E-02	3.46E+00	-2.73E-02	3.51E+00	2.46E-06	0.00E+00	2.34E+03	2.29E-04	2.41E-03	2.64E-02	3.95E-03	1.07E+01	4.18E-08	2.39E-07	2.02E+01	6.00E-01	5.41E-03	1.71E-01	4.30E-02	6.15E-01	1.32E+02	3.80E+00	3.81E-07	1.97E-07	9.77E-03	2.49E-04	1.16E+00	9.61E-01	1.36E+02	1.83E-03	1.36E+02	1.38E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NBN420N	2.92E-02	2.61E+00	-3.79E-02	2.65E+00	2.22E-06	0.00E+00	1.04E+03	2.22E-04	2.28E-03	2.33E-02	3.47E-03	1.04E+01	3.54E-07	2.50E-07	1.89E+01	4.41E-01	4.91E-03	1.67E-01	4.58E-02	6.16E-01	1.18E+02	2.80E+00	6.48E-07	1.96E-07	9.17E-03	2.37E-04	1.05E+00	9.17E-01	1.27E+02	6.33E-04	1.24E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NBN425	3.23E-02	3.45E+00	-1.97E-02	3.48E+00	2.40E-06	0.00E+00	2.31E+03	3.25E-04	2.46E-03	2.69E-02	3.94E-03	1.21E+01	3.46E-08	3.00E-07	2.35E+01	8.68E-01	5.39E-03	1.70E-01	4.57E-02	6.36E-01	1.31E+02	3.83E+00	4.01E-07	2.11E-07	9.84E-03	2.50E-04	1.31E+00	9.51E-01	1.34E+02	1.82E-03	1.34E+02	1.36E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NBN425A	3.22E-02	3.47E+00	-2.03E-02	3.51E+00	2.47E-06	0.00E+00	2.30E+03	3.50E-04	2.46E-03	2.69E-02	3.95E-03	1.21E+01	4.22E-08	2.97E-07	2.37E+01	9.35E-01	5.39E-03	1.70E-01	4.61E-02	6.35E-01	1.31E+02	3.85E+00	3.90E-07	2.09E-07	9.82E-03	2.51E-04	1.31E+00	9.62E-01	1.35E+02	1.86E-03	1.35E+02	1.37E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NBN425N	3.60E-02	2.61E+00	-3.69E-02	2.65E+00	2.21E-06	0.00E+00	1.05E+03	3.73E-04	2.43E-03	2.48E-02	3.73E-03	1.26E+01	3.73E-07	3.22E-07	2.16E+01	9.38E-01	5.38E-03	1.61E-01	5.30E-02	6.32E-01	1.16E+02	2.80E+00	6.69E-07	2.21E-07	1.07E-02	2.56E-04	1.18E+00	9.22E-01	1.25E+02	9.61E-04	1.22E+02	1.30E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NBN432	3.89E-02	2.53E+00	-8.38E-03	2.54E+00	2.44E-06	0.00E+00	1.71E+03	5.03E-04	2.45E-03	2.60E-02	4.15E-03	1.51E+01	3.14E-08	3.92E-07	3.10E+01	1.46E+00	5.58E-03	1.77E-01	5.77E-02	6.50E-01	1.16E+02	2.41E+00	5.01E-07	2.43E-07	1.09E-02	2.93E-04	1.35E+00	7.14E-01	1.23E+02	2.08E-03	1.22E+02	1.22E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NBN432A	3.88E-02	2.50E+00	-8.23E-03	2.48E+00	2.40E-06	0.00E+00	1.55E+03	5.05E-04	2.35E-03	2.43E-02	4.14E-03	1.52E+01	2.63E-08	3.91E-07	3.11E+01	1.46E+00	5.54E-03	1.75E-01	5.76E-02	6.49E-01	1.15E+02	2.74E+00	4.92E-07	2.43E-07	1.09E-02	2.94E-04	1.35E+00	6.82E-01	1.22E+02	2.11E-03	1.21E+02	1.21E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NBN432N	3.62E-02	2.55E+00	-3.54E-02	2.54E+00	2.19E-06	0.00E+00	7.24E+02	4.29E-04	2.27E-03	2.40E-02	3.78E-03	1.26E+01	3.83E-07	3.26E-07	2.58E+01	1.16E+00	5.39E-03	1.55E-01	4.80E-02	6.43E-01	1.06E+02	2.58E+00	5.23E-07	2.21E-07	1.05E-02	2.72E-04	1.26E+00	9.25E-01	1.11E+02	6.37E-03	1.10E+02	1.14E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NBN440	3.90E-02	2.53E+00	2.11E-03	2.54E+00	2.54E-06	0.00E+00	1.69E+03	5.05E-04	2.49E-03	2.62E-02	4.20E-03	1.65E+01	3.15E-08	4.09E-07	3.65E+01	1.45E+00	5.62E-03	1.76E-01	5.82E-02	6.49E-01	1.14E+02	2.42E+00	4.60E-07	2.46E-07	1.11E-02	2.94E-04	1.35E+00	7.84E-01	1.21E+02	2.12E-03	1.20E+02	1.21E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NBN440A	3.91E-02	2.55E+00	2.17E-03	2.55E+00	2.61E-06	0.00E+00	1.69E+03	5.06E-04	2.50E-03	2.63E-02	4.21E-03	1.65E+01	3.15E-08	4.12E-07	3.72E+01	1.45E+00	5.63E-03	1.74E-01	5.86E-02	6.52E-01	1.14E+02	2.41E+00	4.55E-07	2.45E-07	1.11E-02	2.97E-04	1.37E+00	8.08E-01	1.21E+02	2.16E-03	1.20E+02	1.21E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NBN440N	3.72E-02	2.55E+00	-3.42E-02	2.54E+00	2.09E-06	0.00E+00	7.24E+02	4.44E-04	2.31E-03	2.42E-02	3.80E-03	1.29E+01	3.92E-07	3.32E-07	2.72E+01	1.22E+00	5.40E-03	1.54E-01	4.76E-02	6.47E-01	1.05E+02	2.57E+00	6.05E-07	2.29E-07	1.04E-02	2.73E-04	1.29E+00	9.16E-01	1.08E+02	6.28E-03	1.07E+02	1.12E+02	2.57E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00
NBN450	3.96E-02	2.50E+00	2.00E-03	2.48E+00	2.34E-06	0.00E+00	1.70E+03	5.26E-04	2.50E-03	2.63E-02	4.21E-03	1.67E+01	2.76E-08	4.14E-07	3.83E+01	1.56E+00	5.63E-03	1.75E-01	5.83E-02	6.54E-01	1.13E+02	2.79E+00	5.02E-07	2.49E-07	1.12E-02	2.95E-04	1.40E+00	6.85E-01	1.20E+02	2.12E-03	1.19E+02	1.20E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
NBN450A	3.96E-02	2.50E+00	2.10E-03	2.48E+00	2.44E-06	0.00E+00	1.70E+03	5.28E-04	2.50E-03	2.63E-02	4.21E-03	1.68E+01	3.01E-08	4.16E-07	3.84E+01	1.57E+00	5.63E-03	1.73E-01	5.85E-02	6.53E-01	1.13E+02	2.79E+00	4.94E-07	2.49E-07	1.12E-02	2.96E-04	1.41E+00	6.85E-01	1.20E+02	2.16E-03	1.19E+02	1.20E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
NBN450N	4.08E-02	2.53E+00	-3.19E-02	2.50E+00	2.02E-06	0.00E+00	7.24E+02	4.14E-04	2.38E-03	2.45E-02	3.81E-03	1.71E+01	3.18E-08	4.08E-07	3.56E+01	1.16E+00	5.42E-03	1.50E-01	4.89E-02	6.48E-01	1.03E+02	2.58E+00	5.77E-07	2.56E-07	1.06E-02	2.75E-04	1.40E+00	9.15E-01	1.07E+02	6.39E-03	1.06E+02	1.10E+02	2.64E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
NBN463	3.97E-02	2.50E+00	2.30E-03	2.48E+00	2.40E-06	0.00E+00	1.71E+03	5.78E-04	2.50E-03	2.63E-02	4.19E-03	1.67E+01	3.03E-08	4.15E-07	3.83E+01	1.66E+00	5.63E-03	1.75E-01	5.83E-02	6.54E-01	1.11E+02	2.79E+00	5.12E-07	2.49E-07	1.12E-02	2.96E-04	1.42E+00	6.87E-01	1.17E+02	2.21E-03	1.17E+02	1.18E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
NBN463A	3.98E-02	2.50E+00	2.15E-03	2.48E+00	2.42E-06	0.00E+00	1.54E+03	5.69E-04	2.40E-03	2.46E-02	4.19E-03	1.68E+01	2.65E-08	4.17E-07	3.84E+01	1.65E+00	5.63E-03	1.73E-01	5.85E-02	6.53E-01	1.11E+02	2.73E+00	5.04E-07	2.49E-07	1.12E-02	2.97E-04	1.43E+00	6.83E-01	1.17E+02	2.22E-03	1.17E+02	1.18E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
NBN463N	4.09E-02	2.53E+00	-3.19E-02	2.50E+00	2.02E-06	0.00E+00	7.24E+02	4.14E-04	2.37E-03	2.45E-02	3.81E-03	1.71E+01	3.21E-08	4.08E-07	3.56E+01	1.16E+00	5.42E-03	1.50E-01	4.87E-02	6.48E-01	1.03E+02	2.58E+00	5.82E-07	2.57E-07	1.06E-02	2.75E-04	1.39E+00	9.15E-01	1.07E+02	6.37E-03	1.06E+02	1.10E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
NBN506	1.87E-02	1.83E+00	-8.07E-03	1.83E+00	1.21E-06	0.00E+00	1.19E+03	6.94E-05	1.27E-03	1.33E-02	1.84E-03	2.42E+00	1.84E-08	6.93E-08	4.96E+00	1.86E-01	2.44E-03	8.70E-02	2.17E-02	3.55E-01	6.36E+01	1.45E+00	2.57E-07	1.19E-07	5.83E-03	1.38E-04	6.47E-01	2.90E-01	6.64E+01	9.09E-04	6.58E+01	6.72E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NBN510	1.69E-02	1.87E+00	-1.75E-02	1.87E+00	1.24E-06	0.00E+00	1.38E+03	1.18E-04	1.59E-03	1.70E-02	1.87E-03	3.01E+00	2.14E-08	1.03E-07	5.71E+00	3.08E-01	2.46E-03	8.72E-02	2.22E-02	3.53E-01	6.34E+01	2.11E+00	2.59E-07	1.19E-07	5.64E-03	1.39E-04	8.13E-01	4.79E-01	6.60E+01	9.00E-04	6.57E+01	6.79E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NBN513	1.88E-02	1.87E+00	-1.64E-02	1.88E+00	1.29E-06	0.00E+00	1.33E+03	1.15E-04	1.57E-03	1.68E-02	1.88E-03	2.89E+00	2.31E-08	9.99E-08	5.42E+00	2.85E-01	2.47E-03	8.70E-02	2.25E-02	3.57E-01	6.29E+01	2.10E+00	2.57E-07	1.20E-07	5.70E-03	1.41E-04	8.11E-01	4.81E-01	6.56E+01	9.02E-04	6.54E+01	6.75E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NBN516	1.27E-02	1.66E+00	-1.48E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.09E-03	1.18E-02	1.95E-03	3.91E+00	2.47E-08	9.17E-08	7.93E+00	1.89E-01	2.64E-03	8.44E-02	1.92E-02	3.16E-01	6.76E+01	1.95E+00	1.75E-07	8.44E-08	4.39E-03	1.33E-04	5.51E-01	4.56E-01	6.95E+01	8.90E-04	6.95E+01	7.05E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
NBN520	2.09E-02	1.86E+00	-1.44E-02	1.87E+00	1.26E-06	0.00E+00	1.29E+03	1.29E-04	1.27E-03	1.36E-02	2.03E-03	3.96E+00	2.01E-08	1.23E-07	7.57E+00	3.71E-01	2.73E-03	8.75E-02	2.79E-02	3.66E-01	6.26E+01	1.78E+00	2.57E-07	1.31E-07	5.76E-03	1.41E-04	8.70E-01	4.79E-01	6.55E+01	9.02E-04	6.53E+01	6.73E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NBN525	2.18E-02	1.87E+00	-1.32E-02	1.87E+00	1.29E-06	0.00E+00	1.36E+03	2.29E-04	1.56E-03	1.67E-02	2.04E-03	7.85E+00	2.18E-08	2.08E-07	1.58E+01	6.07E-01	2.73E-03	8.84E-02	2.93E-02	3.76E-01	6.28E+01	2.24E+00	2.68E-07	1.38E-07	5.77E-03	1.44E-04	9.44E-01	4.79E-01	6.50E+01	9.14E-04	6.50E+01	6.69E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NBN532	2.21E-02	1.80E+00	5.65E-05	1.81E+00	1.27E-06	0.00E+00	1.02E+03	2.38E-04	1.27E-03	1.30E-02	2.03E-03	8.58E+00	1.97E-08	2.18E-07	1.75E+01	6.33E-01	2.75E-03	9.02E-02	3.00E-02	3.67E-01	6.18E+01	1.40E+00	2.68E-07	1.40E-07	5.73E-03	1.43E-04	9.62E-01	2.71E-01	6.41E+01	9.50E-04	6.37E+01	6.52E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NBN540	2.17E-02	1.80E+00	2.31E-04	1.81E+00	1.43E-06	0.00E+00	1.09E+03	2.39E-04	1.28E-03	1.33E-02	2.08E-03	9.20E+00	2.07E-08	2.23E-07	1.87E+01	6.55E-01	2.82E-03	8.93E-02	3.07E-02	3.65E-01	6.12E+01	1.41E+00	2.55E-07	1.35E-07	5.71E-03	1.42E-04	9.46E-01	2.91E-01	6.35E+01	9.41E-04	6.32E+01	6.51E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NBN550	2.27E-02	1.81E+00	8.64E-04	1.82E+00	1.44E-06	0.00E+00	1.01E+03	2.50E-04	1.29E-03	1.33E-02	2.08E-03	9.44E+00	2.07E-08	2.35E-07	1.91E+01	6.49E-01	2.83E-03	9.00E-02	3.09E-02	3.75E-01	6.15E+01	1.45E+00	3.53E-07	1.46E-07	5.74E-03	1.45E-04	1.01E+00	2.72E-01	6.29E+01	1.06E-03	6.26E+01	6.47E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NBN563	2.64E-02	1.81E+00	1.25E-03	1.82E+00	1.44E-06	0.00E+00	1.01E+03	3.83E-04	1.27E-03	1.31E-02	2.08E-03	1.32E+01	1.98E-08	3.46E-07	2.93E+01	1.10E+00	2.83E-03	9.08E-02	3.59E-02	3.80E-01	6.16E+01	1.44E+00	3.72E-07	1.64E-07	5.75E-03	1.46E-04	1.23E+00	2.52E-01	6.35E+01	1.06E-03	6.31E+01	6.51E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NBN606	2.46E-02	3.47E+00	-2.92E-02	3.50E+00	2.44E-06	0.00E+00	1.72E+03	1.52E-04	2.34E-03	2.45E-02	4.04E-03	6.44E+00	4.60E-08	2.30E-07	1.28E+01	3.77E-01	5.47E-03	1.70E-01	3.98E-02	6.61E-01	1.39E+02	4.12E+00	3.42E-07	1.66E-07	9.22E-03	2.71E-04	1.18E+00	9.24E-01	1.43E+02	1.81E-03	1.43E+02	1.45E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
NBN610	2.45E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.02E+00	4.92E-08	1.69E-07	1.41E+01	3.77E-01	5.22E-03	1.69E-01	3.71E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.84E-03	2.71E-04	1.07E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NBN613	3.01E-02	3.17E+00	-2.90E-02	3.25E+00	2.37E-06	0.00E+00	1.97E+03	2.11E-04	2.52E-03	2.72E-02	3.79E-03	1.03E+01	3.31E-08	2.31E-07	1.90E+01	5.39E-01	5.16E-03	1.71E-01	4.03E-02	6.03E-01	1.25E+02	3.79E+00	3.96E-07	2.02E-07	1.02E-02	2.46E-04	1.04E+00	9.01E-01	1.30E+02	2.04E-03	1.30E+02	1.30E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
NBN616	2.55E-02	3.35E+00	-2.96E-02	3.37E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.21E-03	2.39E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.29E-03	1.69E-01	3.84E-02	6.32E-01	1.35E+02	3.91E+00	3.50E-07	1.69E-07	8.91E-03	2.66E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NBN620	2.88E-02	3.45E+00	-2.29E-02	3.47E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.35E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.43E-02	6.58E-01	1.35E+02	3.91E+00	3.68E-07	1.89E-07	9.56E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NBN625	2.84E-02	3.39E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.43E-02	6.56E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.12E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NBN632	3.64E-02	3.52E+00	-7.85E-03	3.53E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.47E-03	2.62E-02	4.35E-03	1.57E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.76E-01	1.30E+02	4.14E+00	4.01E-07	2.37E-07	1.04E-02	2.89E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.36E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NBN640	4.73E-02	3.47E+00	1.13E-02	3.46E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.40E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.96E-02	7.20E-01	1.11E+02	4.14E+00	4.48E-07	3.05E-07	1.16E-02	3.16E-04	2.05E+00	9.59E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NBN650	4.80E-02	3.48E+00	1.21E-02	3.47E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	6.99E-01	1.11E+02	4.14E+00	4.51E-07	3.04E-07	1.16E-02	3.16E-04	2.05E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NBN663	4.92E-02	3.54E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.22E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.75E-01	1.13E+02	4.14E+00	4.53E-07	3.18E-07	1.19E-02	3.18E-04	2.20E+00	9.66E-01	1.17E+02	2.40E-03	1.17E+02	1.20E+02	3.16E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NC101A	8.54E-03	9.42E-01	-9.62E-03	9.50E-01	8.33E-07	0.00E+00	4.43E+02	5.22E-05	6.15E-04	6.64E-03	1.01E-03	2.21E+00	6.82E-08	6.69E-08	5.03E+00	1.50E-01	1.37E-03	4.61E-02	1.19E-02	1.84E-01	3.70E+01	1.06E+00	1.24E-07	5.59E-08	2.67E-03	5.95E-05	3.76E-01	2.24E-01	3.80E+01	3.22E-03	3.80E+01	3.86E+01	6.62E-01	0.00E+00	0.00E+00	0.00E+00	5.13E-01
NC101E	8.31E-03	8.70E-01	-8.14E-03	8.82E-01	1.91E-07	0.00E+00	4.08E+02	4.90E-05	5.56E-04	5.91E-03	1.07E-03	2.12E+00	1.10E-08	6.60E-08	4.71E+00	1.50E-01	1.45E-03	5.00E-02	1.23E-02	1.64E-01	3.71E+01	8.28E-01	1.43E-07	5.11E-08	2.40E-03	5.39E-05	2.46E-01	2.38E-01	3.81E+01	2.31E-03	3.81E+01	3.81E+01	4.92E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
NC103A	7.97E-03	9.23E-01	-9.83E-03	9.31E-01	8.77E-07	0.00E+00	4.42E+02	5.00E-05	5.67E-04	6.27E-03	9.03E-04	1.91E+00	6.84E-08	4.93E-08	4.37E+00	1.45E-01	1.25E-03	4.58E-02	1.14E-02	1.72E-01	3.69E+01	1.05E+00	1.16E-07	5.37E-08	2.47E-03	5.73E-05	3.62E-01	2.20E-01	3.79E+01	3.22E-03	3.79E+01	3.86E+01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-01
NC104E	8.26E-03	8.71E-01	-8.07E-03	8.81E-01	1.83E-07	0.00E+00	4.07E+02	4.87E-05	5.56E-04	5.91E-03	1.07E-03	2.10E+00	1.10E-08	6.50E-08	4.62E+00	1.48E-01	1.44E-03	4.98E-02	1.23E-02	1.64E-01	3.71E+01	8.26E-01	1.44E-07	5.12E-08	2.40E-03	5.28E-05	2.46E-01	2.23E-01	3.81E+01	2.31E-03	3.80E+01	3.81E+01	4.84E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
NC106A	6.13E-03	8.55E-01	-9.59E-03	8.64E-01	9.10E-07	0.00E+00	6.89E+02	2.52E-05	5.13E-04	5.51E-03	9.17E-04	1.09E+00	7.07E-09	3.15E-08	2.29E+00	5.24E-02	1.24E-03	4.98E-02	8.84E-03	1.05E-01	3.71E+01	9.55E-01	1.23E-07	3.86E-08	2.06E-03	4.07E-05	1.37E-01	2.09E-01	3.80E+01	9.67E-05	3.80E+01	3.84E+01	3.47E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
NC110A	6.13E-03	8.57E-01	-9.45E-03	8.67E-01	9.10E-07	0.00E+00	6.90E+02	2.53E-05	5.15E-04	5.53E-03	9.20E-04	1.09E+00	6.99E-09	3.17E-08	2.29E+00	5.24E-02	1.25E-03	4.95E-02	8.92E-03	1.09E-01	3.71E+01	9.56E-01	1.24E-07	3.86E-08	2.06E-03	4.19E-05	1.42E-01	2.10E-01	3.81E+01	9.68E-05	3.81E+01	3.84E+01	3.52E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NC110E	6.45E-03	8.58E-01	-9.39E-03	8.69E-01	2.83E-07	0.00E+00	6.92E+02	2.56E-05	5.13E-04	5.50E-03	9.05E-04	1.39E+00	1.02E-08	3.46E-08	2.77E+00	5.10E-02	1.23E-03	5.12E-02	9.49E-03	1.14E-01	3.66E+01	9.50E-01	1.25E-07	4.09E-08	2.08E-03	4.25E-05	1.48E-01	2.11E-01	3.75E+01	1.01E-04	3.75E+01	3.80E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-01
NC110P	7.83E-03	1.17E+00	-8.99E-03	1.16E+00	1.99E-07	0.00E+00	6.91E+02	3.90E-05	9.69E-04	1.06E-02	9.25E-04	1.83E+00	1.55E-08	4.55E-08	3.93E+00	8.34E-02	1.27E-03	4.54E-02	1.10E-02	1.88E-01	3.77E+01	1.21E+00	1.55E-07	5.39E-08	3.56E-03	6.45E-05	3.06E-01	2.33E-01	3.87E+01	2.41E-04	3.87E+01	3.91E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-01
NC113A	6.70E-03	8.64E-01	-9.01E-03	8.72E-01	8.93E-07	0.00E+00	6.91E+02	2.82E-05	5.26E-04	5.64E-03	9.53E-04	1.51E+00	1.03E-08	3.78E-08	3.35E+00	5.68E-02	1.27E-03	5.14E-02	9.81E-03	1.17E-01	3.70E+01	9.50E-01	1.25E-07	4.41E-08	2.15E-03	4.35E-05	1.56E-01	2.11E-01	3.80E+01	1.12E-04	3.80E+01	3.85E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-01
NC116A	6.35E-03	8.62E-01	-9.23E-03	8.71E-01	9.10E-07	0.00E+00	6.90E+02	2.53E-05	5.19E-04	5.58E-03	9.32E-04	1.26E+00	7.03E-09	3.47E-08	2.66E+00	5.24E-02	1.26E-03	4.95E-02	9.18E-03	1.09E-01	3.72E+01	9.56E-01	1.25E-07	4.00E-08	2.09E-03	4.24E-05	1.47E-01	2.11E-01	3.81E+01	9.86E-05	3.81E+01	3.85E+01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NC116P	8.02E-03	1.10E+00	-9.03E-03	1.12E+00	1.81E-07	0.00E+00	6.91E+02	4.07E-05	7.11E-04	7.94E-03	9.32E-04	1.92E+00	1.58E-08	5.53E-08	4.05E+00	9.63E-02	1.28E-03	4.54E-02	1.10E-02	1.71E-01	3.78E+01	1.20E+00	1.55E-07	5.41E-08	3.66E-03	6.51E-05	3.17E-01	2.35E-01	3.86E+01	2.48E-04	3.86E+01	3.90E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	4.55E-01
NC120A	6.63E-03	8.68E-01	-9.03E-03	8.77E-01	9.10E-07	0.00E+00	6.91E+02	2.53E-05	5.25E-04	5.65E-03	9.44E-04	1.42E+00	7.33E-09	3.77E-08	3.00E+00	5.24E-02	1.28E-03	4.95E-02	9.52E-03	1.14E-01	3.73E+01	9.59E-01	1.26E-07	4.17E-08	2.13E-03	4.28E-05	1.52E-01	2.12E-01	3.82E+01	1.00E-04	3.82E+01	3.86E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-01
NC120P	8.07E-03	1.18E+00	-9.37E-03	1.17E+00	2.98E-07	0.00E+00	6.91E+02	4.30E-05	9.57E-04	1.05E-02	9.35E-04	1.98E+00	1.52E-07	5.70E-08	4.08E+00	1.07E-01	1.29E-03	4.69E-02	1.11E-02	1.91E-01	3.78E+01	1.20E+00	1.62E-07	5.48E-08	3.67E-03	6.72E-05	3.31E-01	2.62E-01	3.85E+01	2.52E-04	3.85E+01	3.89E+01	6.62E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
NC125A	7.23E-03	8.78E-01	-8.66E-03	8.86E-01	9.10E-07	0.00E+00	6.89E+02	2.52E-05	5.38E-04	5.80E-03	9.69E-04	1.81E+00	7.69E-09	4.46E-08	3.85E+00	5.23E-02	1.31E-03	4.97E-02	1.02E-02	1.14E-01	3.73E+01	9.56E-01	1.28E-07	4.53E-08	2.21E-03	4.29E-05	1.47E-01	2.15E-01	3.83E+01	1.04E-04	3.83E+01	3.87E+01	3.62E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
NC125P	9.89E-03	1.25E+00	-8.49E-03	1.27E+00	2.98E-07	0.00E+00	7.24E+02	5.44E-05	9.91E-04	1.06E-02	1.02E-03	2.16E+00	1.85E-07	7.14E-08	4.44E+00	1.45E-01	1.41E-03	4.69E-02	1.32E-02	2.25E-01	3.82E+01	1.31E+00	1.77E-07	6.14E-08	3.69E-03	6.44E-05	4.25E-01	2.65E-01	3.89E+01	1.56E-04	3.89E+01	3.92E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	5.64E-01
NC132A	1.03E-02	1.04E+00	-3.26E-03	1.10E+00	9.20E-07	0.00E+00	4.56E+02	1.29E-04	6.37E-04	7.10E-03	1.02E-03	4.60E+00	1.80E-07	1.21E-07	8.37E+00	3.07E-01	1.39E-03	4.95E-02	1.69E-02	2.00E-01	3.52E+01	1.11E+00	1.56E-07	6.63E-08	2.86E-03	6.56E-05	5.60E-01	2.28E-01	3.66E+01	3.24E-03	3.65E+01	3.75E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
NC132P	1.18E-02	1.29E+00	-4.29E-03	1.29E+00	3.19E-07	0.00E+00	7.27E+02	1.14E-04	9.48E-04	1.02E-02	1.03E-03	3.25E+00	1.91E-07	1.09E-07	6.40E+00	2.84E-01	1.43E-03	4.47E-02	2.52E-02	2.31E-01	3.66E+01	1.32E+00	1.87E-07	7.33E-08	3.69E-03	6.99E-05	5.07E-01	2.42E-01	3.75E+01	1.62E-04	3.75E+01	3.74E+01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
NC140A	1.16E-02	1.18E+00	-3.40E-03	1.22E+00	2.80E-07	0.00E+00	7.27E+02	1.15E-04	7.30E-04	8.27E-03	9.85E-04	3.55E+00	1.88E-07	1.11E-07	6.94E+00	2.89E-01	1.36E-03	4.51E-02	2.52E-02	2.13E-01	3.66E+01	1.33E+00	1.85E-07	7.01E-08	3.74E-03	6.75E-05	5.12E-01	2.23E-01	3.79E+01	2.00E-04	3.79E+01	3.83E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
NC140P	1.18E-02	1.28E+00	-3.50E-03	1.28E+00	3.22E-07	0.00E+00	7.26E+02	1.08E-04	9.46E-04	1.02E-02	1.04E-03	3.06E+00	2.03E-07	1.07E-07	6.23E+00	2.87E-01	1.44E-03	4.71E-02	2.50E-02	2.31E-01	3.61E+01	1.32E+00	1.87E-07	7.38E-08	3.71E-03	6.95E-05	5.09E-01	2.66E-01	3.71E+01	1.65E-04	3.70E+01	3.73E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NC150A	1.26E-02	1.03E+00	-1.38E-03	1.07E+00	9.16E-07	0.00E+00	4.50E+02	1.32E-04	6.43E-04	7.24E-03	1.08E-03	4.85E+00	1.68E-08	1.27E-07	9.14E+00	3.46E-01	1.47E-03	4.65E-02	1.70E-02	2.07E-01	3.33E+01	1.09E+00	1.58E-07	8.18E-08	2.93E-03	7.54E-05	5.21E-01	2.29E-01	3.46E+01	3.22E-03	3.46E+01	3.50E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NC150P	1.40E-02	1.28E+00	-6.57E-04	1.27E+00	6.63E-07	0.00E+00	7.22E+02	1.11E-04	9.78E-04	1.07E-02	1.11E-03	4.08E+00	1.58E-08	1.24E-07	7.27E+00	2.98E-01	1.49E-03	4.64E-02	2.61E-02	2.40E-01	3.50E+01	1.34E+00	2.16E-07	9.10E-08	3.97E-03	8.06E-05	5.54E-01	2.66E-01	3.59E+01	3.42E-04	3.59E+01	3.60E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC163A	1.29E-02	1.05E+00	-1.27E-03	1.10E+00	9.12E-07	0.00E+00	4.54E+02	1.73E-04	6.53E-04	7.35E-03	1.09E-03	6.36E+00	1.69E-08	1.48E-07	1.37E+01	4.58E-01	1.48E-03	4.65E-02	1.82E-02	2.10E-01	3.31E+01	1.11E+00	1.61E-07	8.38E-08	3.00E-03	7.52E-05	5.69E-01	2.29E-01	3.43E+01	3.24E-03	3.42E+01	3.49E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	8.53E-01
NC200A	2.03E-02	1.94E+00	-2.40E-02	1.96E+00	1.30E-06	0.00E+00	1.02E+03	6.36E-05	1.69E-03	1.77E-02	1.92E-03	2.42E+00	8.07E-08	8.78E-08	5.49E+00	1.99E-01	2.79E-03	1.00E-01	2.69E-02	3.81E-01	6.61E+01	2.10E+00	2.98E-07	1.36E-07	5.80E-03	1.48E-04	6.81E-01	5.39E-01	6.78E+01	4.26E-03	6.81E+01	7.01E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00

NC201A	2.03E-02	1.95E+00	-2.14E-02	1.96E+00	1.44E-06	0.00E+00	1.02E+03	6.30E-05	1.67E-03	1.75E-02	1.99E-03	2.42E+00	7.93E-08	8.70E-08	5.53E+00	2.01E-01	2.88E-03	9.82E-02	2.70E-02	3.86E-01	6.60E+01	2.08E+00	2.99E-07	1.36E-07	5.83E-03	1.49E-04	5.81E-01	4.94E-01	6.71E+01	4.29E-03	6.73E+01	6.97E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC202A	2.02E-02	1.94E+00	-2.16E-02	1.96E+00	1.44E-06	0.00E+00	1.02E+03	6.60E-05	1.65E-03	1.75E-02	2.01E-03	2.42E+00	7.93E-08	8.68E-08	5.50E+00	2.07E-01	2.93E-03	9.82E-02	2.69E-02	3.89E-01	6.53E+01	2.07E+00	2.99E-07	1.35E-07	5.98E-03	1.49E-04	5.85E-01	4.95E-01	6.68E+01	4.26E-03	6.71E+01	6.94E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NC202E	1.73E-02	1.69E+00	-9.57E-03	1.70E+00	8.06E-07	0.00E+00	8.29E+02	6.60E-05	1.16E-03	1.22E-02	2.02E-03	2.25E+00	1.48E-08	8.92E-08	5.03E+00	2.24E-01	2.82E-03	9.77E-02	2.48E-02	3.24E-01	6.73E+01	1.53E+00	2.84E-07	1.11E-07	5.11E-03	1.30E-04	5.02E-01	2.84E-01	6.97E+01	3.72E-03	6.92E+01	7.09E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
NC203A	2.03E-02	1.94E+00	-1.99E-02	1.94E+00	1.19E-06	0.00E+00	1.03E+03	1.06E-04	1.66E-03	1.76E-02	1.96E-03	4.09E+00	7.95E-08	1.22E-07	7.91E+00	2.97E-01	2.78E-03	9.79E-02	2.73E-02	3.81E-01	6.60E+01	2.10E+00	2.92E-07	1.37E-07	5.81E-03	1.48E-04	7.19E-01	4.69E-01	6.77E+01	4.14E-03	6.76E+01	6.98E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NC204A	2.00E-02	1.94E+00	-2.00E-02	1.94E+00	1.38E-06	0.00E+00	1.03E+03	8.76E-05	1.66E-03	1.75E-02	2.00E-03	3.93E+00	7.86E-08	1.21E-07	7.90E+00	2.39E-01	2.88E-03	9.80E-02	2.71E-02	3.84E-01	6.59E+01	2.07E+00	2.97E-07	1.35E-07	5.82E-03	1.48E-04	6.96E-01	4.73E-01	6.71E+01	4.24E-03	6.70E+01	6.94E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC204E	1.73E-02	1.70E+00	-8.66E-03	1.70E+00	8.11E-07	0.00E+00	8.29E+02	9.64E-05	1.16E-03	1.23E-02	2.03E-03	3.44E+00	1.51E-08	1.20E-07	6.97E+00	2.52E-01	2.82E-03	9.78E-02	2.51E-02	3.27E-01	6.72E+01	1.74E+00	2.86E-07	1.12E-07	5.09E-03	1.31E-04	6.22E-01	3.52E-01	6.93E+01	3.94E-03	6.89E+01	7.06E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NC206A	1.96E-02	2.04E+00	-3.32E-02	2.10E+00	1.27E-06	0.00E+00	1.41E+03	8.33E-05	1.66E-03	1.72E-02	1.89E-03	2.44E+00	1.17E-07	8.77E-08	5.49E+00	1.60E-01	2.78E-03	1.09E-01	3.22E-02	3.86E-01	6.83E+01	2.14E+00	4.48E-07	1.33E-07	6.13E-03	1.27E-04	6.04E-01	6.96E-01	6.88E+01	2.54E-04	6.87E+01	7.28E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NC206P	2.14E-02	2.38E+00	-1.91E-02	2.36E+00	4.46E-07	0.00E+00	1.42E+03	5.95E-05	1.92E-03	2.08E-02	1.98E-03	2.29E+00	2.18E-08	8.81E-08	4.68E+00	1.37E-01	2.70E-03	8.51E-02	2.52E-02	4.22E-01	7.06E+01	2.12E+00	3.02E-07	1.35E-07	7.05E-03	1.52E-04	6.63E-01	4.83E-01	7.25E+01	3.23E-04	7.24E+01	7.25E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NC210A	1.23E-02	1.70E+00	-1.85E-02	1.72E+00	1.50E-06	0.00E+00	1.37E+03	5.06E-05	1.02E-03	1.10E-02	1.83E-03	2.19E+00	1.40E-08	6.29E-08	4.61E+00	1.04E-01	2.48E-03	9.60E-02	1.76E-02	2.49E-01	7.25E+01	1.93E+00	2.50E-07	7.80E-08	4.12E-03	1.08E-04	3.10E-01	4.19E-01	7.45E+01	1.98E-04	7.45E+01	7.52E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-01
NC210P	1.59E-02	2.16E+00	-2.20E-02	2.20E+00	3.31E-07	0.00E+00	1.42E+03	6.60E-05	1.97E-03	2.10E-02	1.81E-03	2.55E+00	2.21E-08	8.50E-08	5.23E+00	1.29E-01	2.50E-03	8.59E-02	1.88E-02	3.92E-01	7.03E+01	2.05E+00	2.66E-07	1.12E-07	6.50E-03	1.29E-04	6.61E-01	4.94E-01	7.10E+01	2.72E-04	7.10E+01	7.19E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01
NC213A	1.29E-02	1.71E+00	-1.81E-02	1.73E+00	1.50E-06	0.00E+00	1.37E+03	5.06E-05	1.04E-03	1.11E-02	1.86E-03	2.53E+00	1.46E-08	6.94E-08	5.36E+00	1.04E-01	2.51E-03	9.60E-02	1.84E-02	2.58E-01	7.27E+01	1.93E+00	2.52E-07	8.18E-08	4.20E-03	1.09E-04	3.21E-01	4.22E-01	7.47E+01	2.02E-04	7.47E+01	7.54E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	7.89E-01
NC216A	1.27E-02	1.70E+00	-1.83E-02	1.72E+00	1.52E-06	0.00E+00	1.37E+03	5.05E-05	1.03E-03	1.10E-02	1.85E-03	2.52E+00	1.40E-08	6.83E-08	5.29E+00	1.04E-01	2.51E-03	9.60E-02	1.80E-02	2.39E-01	7.23E+01	1.93E+00	2.51E-07	8.01E-08	4.17E-03	1.07E-04	2.75E-01	4.21E-01	7.42E+01	2.42E-04	7.42E+01	7.49E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
NC216P	1.69E-02	2.16E+00	-2.20E-02	2.20E+00	3.31E-07	0.00E+00	1.42E+03	8.63E-05	1.96E-03	2.10E-02	1.81E-03	2.68E+00	2.30E-08	8.31E-08	5.21E+00	1.72E-01	2.50E-03	8.62E-02	1.99E-02	3.93E-01	7.02E+01	2.05E+00	2.67E-07	1.16E-07	6.53E-03	1.29E-04	6.77E-01	4.94E-01	7.08E+01	2.81E-04	7.08E+01	7.16E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
NC220A	1.80E-02	2.08E+00	-1.75E-02	2.11E+00	1.17E-06	0.00E+00	1.28E+03	1.23E-04	1.33E-03	1.43E-02	1.71E-03	4.13E+00	1.94E-07	1.22E-07	7.74E+00	2.63E-01	2.42E-03	1.08E-01	2.75E-02	3.69E-01	6.89E+01	1.78E+00	4.51E-07	1.20E-07	6.21E-03	1.29E-04	6.72E-01	4.69E-01	6.94E+01	2.78E-04	6.92E+01	7.35E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC220P	1.72E-02	2.20E+00	-2.01E-02	2.24E+00	4.31E-07	0.00E+00	1.44E+03	1.19E-04	1.93E-03	2.05E-02	1.82E-03	3.17E+00	1.85E-07	9.64E-08	7.11E+00	2.73E-01	2.50E-03	8.55E-02	2.21E-02	4.02E-01	7.02E+01	2.11E+00	2.66E-07	1.17E-07	6.52E-03	1.29E-04	7.01E-01	4.74E-01	7.11E+01	2.94E-04	7.11E+01	7.17E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NC225A	1.49E-02	1.81E+00	-4.90E-02	1.82E+00	1.55E-06	0.00E+00	1.53E+03	6.71E-05	1.40E-03	1.49E-02	1.93E-03	3.74E+00	5.21E-08	9.19E-08	7.88E+00	1.27E-01	2.62E-03	9.74E-02	2.22E-02	2.74E-01	7.24E+01	2.26E+00	2.61E-07	9.39E-08	4.63E-03	1.09E-04	4.64E-01	9.53E-01	7.45E+01	2.50E-04	7.45E+01	7.50E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
NC225P	2.31E-02	2.48E+00	-1.66E-02	2.46E+00	6.13E-07	0.00E+00	1.44E+03	1.98E-04	1.85E-03	1.97E-02	2.01E-03	6.51E+00	2.65E-07	2.03E-07	1.45E+01	4.55E-01	2.73E-03	8.49E-02	3.31E-02	4.45E-01	7.09E+01	2.34E+00	3.03E-07	1.38E-07	7.31E-03	1.49E-04	9.41E-01	4.84E-01	7.24E+01	2.51E-04	7.24E+01	7.27E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NC232A	1.85E-02	1.77E+00	-4.31E-02	1.77E+00	1.78E-06	0.00E+00	1.10E+03	2.73E-04	1.43E-03	1.56E-02	2.09E-03	6.98E+00	3.47E-07	1.94E-07	1.47E+01	6.87E-01	2.87E-03	1.01E-01	2.64E-02	3.44E-01	6.29E+01	2.33E+00	3.13E-07	1.17E-07	5.20E-03	1.32E-04	8.72E-01	9.57E-01	6.44E+01	4.03E-03	6.46E+01	6.56E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
NC232E	1.89E-02	1.78E+00	-4.30E-02	1.78E+00	1.17E-06	0.00E+00	1.10E+03	2.79E-04	1.43E-03	1.56E-02	2.19E-03	7.41E+00	3.46E-07	1.97E-07	1.57E+01	6.92E-01	2.86E-03	1.02E-01	2.68E-02	3.46E-01	6.31E+01	2.34E+00	3.14E-07	1.18E-07	5.20E-03	1.32E-04	9.36E-01	9.54E-01	6.44E+01	4.03E-03	6.46E+01	6.56E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NC232P	2.39E-02	2.50E+00	-1.40E-02	2.49E+00	7.21E-07	0.00E+00	1.45E+03	2.02E-04	1.83E-03	1.95E-02	2.08E-03	6.65E+00	2.84E-07	2.15E-07	1.47E+01	4.76E-01	2.81E-03	8.67E-02	3.86E-02	4.57E-01	7.05E+01	2.53E+00	3.11E-07	1.46E-07	7.33E-03	1.51E-04	9.38E-01	4.85E-01	7.22E+01	2.63E-04	7.22E+01	7.22E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NC240A	2.00E-02	1.79E+00	-4.33E-02	1.79E+00	1.78E-06	0.00E+00	1.10E+03	2.82E-04	1.43E-03	1.56E-02	2.09E-03	7.20E+00	3.51E-07	2.11E-07	1.49E+01	7.42E-01	2.87E-03	1.00E-01	2.80E-02	3.56E-01	6.31E+01	2.35E+00	3.75E-07	1.24E-07	5.24E-03	1.33E-04	9.08E-01	9.56E-01	6.45E+01	4.06E-03	6.47E+01	6.59E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NC240P	2.41E-02	2.46E+00	-1.40E-02	2.47E+00	8.89E-07	0.00E+00	1.44E+03	2.34E-04	1.75E-03	1.92E-02	2.10E-03	6.78E+00	3.15E-07	2.21E-07	1.47E+01	5.23E-01	2.83E-03	8.81E-02	4.28E-02	4.57E-01	6.98E+01	2.56E+00	4.11E-07	1.45E-07	7.21E-03	1.46E-04	9.67E-01	4.93E-01	7.11E+01	2.75E-04	7.14E+01	7.17E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NC250A	2.26E-02	2.09E+00	-1.25E-02	2.07E+00	1.34E-06	0.00E+00	1.02E+03	2.07E-04	1.74E-03	1.85E-02	2.17E-03	6.60E+00	2.47E-08	1.77E-07	1.37E+01	5.90E-01	2.97E-03	1.02E-01	3.78E-02	4.01E-01	6.42E+01	2.25E+00	3.22E-07	1.51E-07	6.83E-03	1.61E-04	7.85E-01	4.93E-01	6.64E+01	4.40E-03	6.65E+01	6.75E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NC250P	2.62E-02	2.47E+00	-5.38E-03	2.48E+00	1.29E-06	0.00E+00	1.45E+03	2.24E-04	1.81E-03	1.99E-02	2.19E-03	8.23E+00	2.20E-08	2.41E-07	1.71E+01	5.27E-01	2.96E-03	8.68E-02	4.91E-02	4.60E-01	6.83E+01	2.55E+00	3.26E-07	1.65E-07	7.46E-03	1.68E-04	9.67E-01	4.74E-01	7.02E+01	4.64E-04	7.02E+01	6.99E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NC263A	2.72E-02	2.10E+00	-9.31E-03	2.08E+00	1.35E-06	0.00E+00	1.02E+03	2.20E-04	1.76E-03	1.87E-02	2.16E-03	1.06E+01	2.46E-08	2.47E-07	1.70E+01	6.11E-01	2.97E-03	1.05E-01	4.00E-02	4.10E-01	6.43E+01	2.27E+00	4.19E-07	1.72E-07	6.95E-03	1.62E-04	1.02E+00	5.38E-01	6.65E+01	4.41E-03	6.65E+01	6.75E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NC263P	3.11E-02	2.49E+00	-9.92E-04	2.49E+00	1.28E-06	0.00E+00	1.46E+03	2.30E-04	1.84E-03	2.01E-02	2.19E-03	1.16E+01	1.93E-08	2.95E-07	2.01E+01	5.58E-01	2.96E-03	8.74E-02	5.16E-02	4.68E-01	6.85E+01	2.57E+00	4.42E-07	1.87E-07	7.61E-03	1.70E-04	1.24E+00	4.71E-01	7.02E+01	5.27E-04	7.01E+01	6.99E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
NC300A	2.57E-02	2.53E+00	-2.41E-02	2.54E+00	2.29E-06	0.00E+00	1.05E+03	1.00E-04	2.09E-03	2.17E-02	3.14E-03	4.67E+00	8.66E-08	1.60E-07	9.32E+00	2.47E-01	4.23E-03	1.20E-01	3.58E-02	5.35E-01	9.78E+01	2.28E+00	3.53E-07	1.62E-07	7.90E-03	1.93E-04	6.91E-01	7.14E-01	9.93E+01	6.52E-03	9.98E+01	1.02E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NC301A	2.58E-02	2.82E+00	-3.32E-02	2.92E+00	2.28E-06	0.00E+00	1.12E+03	9.44E-05	2.29E-03	2.36E-02	3.19E-03	4.07E+00	8.86E-08	1.41E-07	8.01E+00	2.40E-01	4.30E-03	1.19E-01	3.59E-02	5.73E-01	9.77E+01	2.61E+00	3.64E-07	1.75E-07	8.36E-03	2.23E-04	7.42E-01	7.65E-01	9.94E+01	6.58E-03	9.99E+01	1.02E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NC302A	2.58E-02	2.82E+00	-3.30E-02	2.92E+00	2.28E-06	0.00E+00	1.12E+03	1.11E-04	2.29E-03	2.37E-02	3.20E-03	4.98E+00	9.02E-08	1.65E-07	9.55E+00	3.05E-01	4.32E-03	1.19E-01	3.58E-02	5.75E-01	9.78E+01	2.61E+00	3.70E-07	1.75E-07	8.38E-03	2.23E-04	7.52E-01	7.77E-01	9.94E+01	6.54E-03	9.99E+01	1.02E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NC303A	2.57E-02	2.81E+00	-3.35E-02	2.91E+00	2.33E-06	0.00E+00	1.12E+03	1.61E-04	2.29E-03	2.37E-02	3.18E-03	6.59E+00	9.04E-08	1.72E-07	1.39E+01	4.75E-01	4.29E-03	1.20E-01	3.58E-02	5.76E-01	9.60E+01	2.61E+00	3.53E-07	1.74E-07	8.38E-03	2.23E-04	7.53E-01	7.67E-01	9.68E+01	6.58E-03	9.70E+01	9.90E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NC304A	2.57E-02	2.80E+00	-3.37E-02	2.89E+00	2.32E-06	0.00E+00	1.12E+03	1.37E-04	2.24E-03	2.30E-02	3.12E-03	6.52E+00	9.04E-08	1.70E-07	1.38E+01	3.98E-01	4.20E-03	1.20E-01	3.56E-02	5.49E-01	9.66E+01	2.61E+00	3.38E-07	1.63E-07	7.98E-03	2.05E-04	7.55E-01	7.66E-01	9.72E+01	6.50E-03	9.75E+01	9.91E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NC306A	1.84E-02	2.52E+00	-2.81E-02	2.55E+00	1.91E-06	0.00E+00	2.06E+03	7.57E-05	1.52E-03	1.64E-02	2.72E-03	3.26E+00	2.11E-08	9.34E-08	6.88E+00	1.55E-01	3.68E-03	1.43E-01	2.61E-02	3.60E-01	1.08E+02	2.88E+00	3.73E-07	1.17E-07	6.13E-03	1.58E-04	4.35E-01	6.26E-01	1.10E+02	3.80E-04	1.10E+02	1.12E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC306P	8.43E-03	9.62E-01	-7.02E-03	9.41E-01	5.75E-07	0.00E+00	1.11E+03	1.12E-04	9.28E-04	1.01E-02	1.06E-03	2.90E+00	1.85E-08	1.03E-07	5.20E+00	2.46E-01	1.07E-03	4.46E-02	1.96E-02	8.80E-02	2.61E+01	1.24E+00	3.66E-07	5.93E-08	2.17E-03	2.68E-05	5.06E-01	2.63E-01	2.63E+01	2.71E-04	2.63E+01	2.60E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	8.67E-01
NC310A	1.84E-02	2.53E+00	-2.76E-02	2.56E+00	2.32E-06	0.00E+00	2.06E+03	7.59E-05	1.53E-03	1.64E-02	2.73E-03	3.28E+00	2.09E-08	9.40E-08	6.92E+00	1.56E-01	3.70E-03	1.42E-01	2.63E-02	3.74E-01	1.08E+02	2.90E+00	3.75E-07	1.17E-07	6.15E-03	1.63E-04	4.71E-01	6.27E-01	1.11E+02	3.00E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NC313A	1.96E-02	2.50E+00	-1.61E-02	2.50E+00	2.01E-06	0.00E+00	1.28E+03	6.92E-05	1.43E-03	1.50E-02	2.78E-03	4.07E+00	1.73E-08	1.09E-07	8.88E+00	1.54E-01	3.79E-03	1.41E-01	2.64E-02	3.65E-01	1.07E+02	3.13E+00	3.69E-07	1.24E-07	6.33E-03	1.61E-04	4.58E-01	4.59E-01	1.10E+02	3.57E-04	1.09E+02	1.11E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NC316A	1.91E-02	2.54E+00	-2.70E-02	2.57E+00	2.32E-06	0.00E+00	2.06E+03	7.59E-05	1.54E-03	1.66E-02	2.77E-03	3.78E+00	2.10E-08	1.03E-07	8.03E+00	1.56E-01	3.74E-03	1.42E-01	2.71E-02	3.76E-01	1.08E+02	2.90E+00	3.78E-07	1.21E-07	6.24E-03	1.64E-04	4.84E-01	6.31E-01	1.11E+02	3.05E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NC316P	2.39E-02	3.07E+00	-3.21E-02	3.09E+00	8.92E-07	0.00E+00	2.01E+03	1.68E-04	2.46E-03	2.74E-02	2.80E-03	6.52E+00	2.56E-08	1.77E-07	1.41E+01	3.82E-01	3.81E-03	1.26E-01	2.85E-02	4.88E-01	1.02E+02	3.10E+00	4.05E-07	1.56E-07	8.85E-03	1.89E-04	1.06E+00	7.61E-01	1.03E+02	4.27E-04	1.04E+02	1.06E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NC320A	2.01E-02	2.57E+00	-2.62E-02	2.59E+00	2.32E-06	0.00E+00	2.06E+03	7.60E-05	1.57E-03	1.69E-02	2.81E-03	4.38E+00	2.20E-08	1.14E-07	9.35E+00	1.56E-01	3.81E-03	1.43E-01	2.83E-02	3.90E-01	1.08E+02	2.91E+00	3.82E-07	1.28E-07	6.40E-03	1.66E-04	5.05E-01	6.35E-01	1.11E+02	3.12E-04	1.11E+02	1.12E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NC320P	2.70E-02	3.16E+00	-3.22E-02	3.18E+00	7.64E-07	0.00E+00	2.02E+03	2.08E-04	2.66E-03	2.99E-02	2.84E-03	6.67E+00	3.12E-07	1.90E-07	1.42E+01	4.29E-01	3.86E-03	1.25E-01	3.04E-02	5.20E-01	1.00E+02	3.22E+00	4.15E-07	1.82E-07	9.40E-03	1.91E-04	1.17E+00	7.52E-01	1.02E+02	4.29E-04	1.03E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NC325A	2.17E-02	2.59E+00	-2.53E-02	2.62E+00	1.91E-06	0.00E+00	2.06E+03	7.57E-05	1.60E-03	1.72E-02	2.88E-03	5.43E+00	2.30E-08	1.33E-07	1.16E+01	1.55E-01	3.89E-03	1.43E-01	3.01E-02	3.89E-01	1.08E+02	2.88E+00	3.88E-07	1.37E-07	6.60E-03	1.64E-04	4.65E-01	6.42E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NC325P	2.84E-02	2.54E+00	-1.75E-02	2.53E+00	1.00E-06	0.00E+00	2.07E+03	2.29E-04	2.33E-03	2.42E-02	2.99E-03	7.21E+00	4.35E-07	2.47E-07	1.56E+01	4.81E-01	4.05E-03	1.26E-01	4.64E-02	5.88E-01	1.00E+02	2.70E+00	4.69E-07	1.92E-07	9.53E-03	1.99E-04	1.13E+00	6.15E-01	1.03E+02	4.43E-04	1.04E+02	1.06E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NC332A	2.87E-02	2.49E+00	-7.07E-03	2.50E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.74E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.26E-03	1.47E-01	4.04E-02	5.20E-01	9.27E+01	2.22E+00	4.39E-07	1.81E-07	7.65E-03	1.97E-04	1.11E+00	6.68E-01	9.49E+01	5.95E-03	9.49E+01	9.67E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NC332P	3.53E-02	3.66E+00	-1.81E-02	3.67E+00	1.16E-06	0.00E+00	2.14E+03	3.62E-04	2.54E-03	2.73E-02	3.13E-03	9.94E+00	4.54E-07	3.30E-07	2.17E+01	8.75E-01	4.25E-03	1.27E-01	6.29E-02	6.65E-01	1.07E+02	3.61E+00	5.13E-07	2.28E-07	1.02E-02	2.24E-04	1.45E+00	7.66E-01	1.10E+02	4.59E-04	1.10E+02	1.12E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
NC340A	2.88E-02	2.53E+00	-6.77E-03	2.53E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.75E-03	1.90E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.26E-03	1.47E-01	4.05E-02	5.23E-01	9.33E+01	2.23E+00	5.19E-07	1.82E-07	7.71E-03	1.98E-04	1.11E+00	6.68E-01	9.56E+01	5.83E-03	9.56E+01	9.73E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NC340P	3.83E-02	3.82E+00	-1.34E-02	3.85E+00	8.81E-07	0.00E+00	2.14E+03	3.63E-04	2.65E-03	2.86E-02	3.17E-03	1.13E+01	4.63E-07	3.54E-07	2.36E+01	8.80E-01	4.31E-03	1.27E-01	6.91E-02	7.07E-01	1.10E+02	3.82E+00	6.38E-07	2.48E-07	1.06E-02	2.39E-04	1.51E+00	7.58E-01	1.13E+02	4.76E-04	1.13E+02	1.15E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
NC350A	3.78E-02	2.63E+00	1.04E-02	2.62E+00	2.53E-06	0.00E+00	1.05E+03	4.62E-04	1.92E-03	2.10E-02	3.31E-03	1.83E+01	2.16E-08	4.13E-07	3.77E+01	1.35E+00	4.49E-03	1.48E-01	5.22E-02	6.06E-01	9.08E+01	2.21E+00	5.68E-07	2.46E-07	8.80E-03	2.49E-04	1.53E+00	6.85E-01	9.31E+01	6.53E-03	9.31E+01	9.53E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NC350P	4.56E-02	3.90E+00	2.86E-04	3.91E+00	8.65E-07	0.00E+00	2.03E+03	3.34E-04	2.81E-03	3.01E-02	3.31E-03	1.74E+01	2.72E-08	4.44E-07	3.48E+01	9.11E-01	4.48E-03	1.32E-01	8.00E-02	7.37E-01	1.08E+02	3.82E+00	6.28E-07	2.89E-07	1.12E-02	2.76E-04	1.62E+00	7.34E-01	1.11E+02	9.70E-04	1.11E+02	1.14E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
NC363A	3.84E-02	2.65E+00	1.06E-02	2.64E+00	2.53E-06	0.00E+00	1.05E+03	4.63E-04	1.93E-03	2.12E-02	3.33E-03	1.85E+01	2.28E-08	4.18E-07	3.81E+01	1.35E+00	4.51E-03	1.49E-01	5.29E-02	6.47E-01	9.14E+01	2.21E+00	5.69E-07	2.54E-07	8.88E-03	2.50E-04	1.58E+00	6.87E-01	9.37E+01	6.54E-03	9.37E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
NC363P	4.58E-02	3.95E+00	3.80E-04	3.96E+00	9.02E-07	0.00E+00	2.03E+03	3.51E-04	2.83E-03	3.03E-02	3.32E-03	1.75E+01	2.70E-08	4.41E-07	3.56E+01	9.35E-01	4.48E-03	1.31E-01	8.05E-02	7.43E-01	1.08E+02	3.85E+00	6.81E-07	2.92E-07	1.15E-02	2.77E-04	1.69E+00	7.85E-01	1.11E+02	1.01E-03	1.12E+02	1.15E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	3.51E+00
NC400A	3.26E-02	2.55E+00	-1.96E-02	2.54E+00	2.20E-06	0.00E+00	8.47E+02	1.30E-04	2.25E-03	2.34E-02	3.95E-03	5.72E+00	8.71E-08	1.65E-07	9.49E+00	3.47E-01	5.47E-03	1.59E-01	4.02E-02	6.40E-01	1.14E+02	2.58E+00	4.54E-07	2.01E-07	1.04E-02	2.75E-04	8.87E-01	6.77E-01	1.18E+02	6.42E-03	1.18E+02	1.22E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NC401A	3.26E-02	2.55E+00	-1.96E-02	2.54E+00	2.20E-06	0.00E+00	8.47E+02	1.29E-04	2.25E-03	2.34E-02	3.95E-03	5.73E+00	8.71E-08	1.66E-07	9.48E+00	3.47E-01	5.47E-03	1.59E-01	4.02E-02	6.40E-01	1.14E+02	2.58E+00	4.54E-07	2.01E-07	1.04E-02	2.75E-04	8.87E-01	6.77E-01	1.18E+02	6.42E-03	1.18E+02	1.22E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NC402A	3.26E-02	2.55E+00	-4.82E-03	2.53E+00	2.19E-06	0.00E+00	8.34E+02	1.77E-04	2.23E-03	2.31E-02	3.95E-03	9.53E+00	8.70E-08	2.07E-07	1.82E+01	4.79E-01	5.47E-03	1.59E-01	4.03E-02	6.40E-01	1.13E+02	2.54E+00	4.56E-07	2.02E-07	1.04E-02	2.75E-04	9.07E-01	5.67E-01	1.17E+02	6.37E-03	1.17E+02	1.22E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NC403A	3.27E-02	2.56E+00	-1.91E-02	2.54E+00	2.21E-06	0.00E+00	7.38E+02	2.05E-04	2.25E-03	2.35E-02	3.94E-03	9.81E+00	9.05E-08	2.23E-07	1.86E+01	5.76E-01	5.44E-03	1.58E-01	4.04E-02	6.37E-01	1.13E+02	2.57E+00	4.49E-07	2.03E-07	1.04E-02	2.73E-04	9.51E-01	6.76E-01	1.17E+02	6.42E-03	1.17E+02	1.22E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NC404A	3.27E-02	2.56E+00	-1.92E-02	2.54E+00	2.21E-06	0.00E+00	7.47E+02	2.05E-04	2.25E-03	2.35E-02	3.94E-03	9.81E+00	9.04E-08	2.23E-07	1.86E+01	5.70E-01	5.44E-03	1.58E-01	4.04E-02	6.37E-01	1.13E+02	2.57E+00	4.49E-07	2.03E-07	1.04E-02	2.73E-04	9.51E-01	6.76E-01	1.17E+02	6.42E-03	1.17E+02	1.22E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NC406A	3.29E-02	3.36E+00	-5.02E-02	3.42E+00	2.41E-06	0.00E+00	2.23E+03	1.44E-04	2.60E-03	2.74E-02	3.57E-03	6.36E+00	1.51E-07	1.68E-07	9.17E+00	2.78E-01	5.56E-03	1.68E-01	4.46E-02	6.59E-01	1.20E+02	3.45E+00	6.46E-07	2.04E-07	1.07E-02	2.88E-04	8.65E-01	1.59E+00	1.27E+02	9.61E-04	1.26E+02	1.33E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NC410A	3.12E-02	3.15E+00	-3.43E-02	3.25E+00	2.39E-06	0.00E+00	2.19E+03	1.88E-04	2.58E-03	2.71E-02	3.80E-03	9.56E+00	1.90E-07	2.23E-07	1.78E+01	3.42E-01	5.20E-03	1.63E-01	4.26E-02	6.39E-01	1.23E+02	3.36E+00	6.13E-07	2.04E-07	1.03E-02	2.54E-04	8.27E-01	9.73E-01	1.28E+02	9.24E-04	1.27E+02	1.35E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NC413A	9.75E-03	9.57E-01	-1.61E-02	9.22E-01	1.87E-06	0.00E+00	1.17E+03	8.22E-05	7.55E-04	7.96E-03	1.05E-03	3.92E+00	1.74E-08	1.01E-07	8.33E+00	1.59E-01	1.05E-03	6.01E-02	1.73E-02	7.26E-02	2.63E+01	1.10E+00	3.30E-07	6.55E-08	1.98E-03	1.99E-05	2.79E-01	4.32E-01	2.58E+01	1.56E-04	2.56E+01	2.63E+01	6.33E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NC416A	3.06E-02	3.18E+00	-3.04E-02	3.26E+00	2.40E-06	0.00E+00	2.02E+03	2.07E-04	2.49E-03	2.64E-02	3.69E-03	1.03E+01	2.38E-07	2.40E-07	1.86E+01	3.71E-01	4.94E-03	1.70E-01	4.49E-02	6.32E-01	1.26E+02	3.39E+00	6.17E-07	2.03E-07	9.32E-03	2.45E-04	8.72E-01	9.01E-01	1.32E+02	9.31E-04	1.31E+02	1.37E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NC420A	2.87E-02	3.28E+00	-3.43E-02	3.29E+00	2.29E-06	0.00E+00	2.39E+03	1.03E-04	2.11E-03	2.32E-02	3.72E-03	7.31E+00	3.62E-08	1.60E-07	1.36E+01	2.15E-01	5.06E-03	1.81E-01	3.78E-02	5.12E-01	1.37E+02	3.57E+00	5.04E-07	1.84E-07	9.17E-03	2.20E-04	6.68E-01	8.98E-01	1.40E+02	6.39E-04	1.40E+02	1.42E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NC425A	3.61E-02	3.38E+00	-3.18E-02	3.45E+00	2.44E-06	0.00E+00	2.17E+03	3.96E-04	2.65E-03	2.83E-02	4.10E-03	1.28E+01	3.87E-07	3.23E-07	2.25E+01	1.04E+00	5.54E-03	1.67E-01	5.42E-02	6.66E-01	1.24E+02	3.55E+00	6.72E-07	2.21E-07	1.08E-02	2.88E-04	1.32E+00	1.16E+00	1.30E+02	9.66E-04	1.29E+02	1.38E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
NC425P	3.63E-02	3.51E+00	-2.07E-02	3.50E+00	1.42E-06	0.00E+00	2.26E+03	4.09E-04	2.64E-03	2.79E-02	4.04E-03	1.19E+01	4.49E-07	3.43E-07	2.38E+01	1.04E+00	5.51E-03	1.63E-01	6.58E-02	6.54E-01	1.23E+02	3.77E+00	5.20E-07	2.31E-07	1.02E-02	2.80E-04	1.47E+00	9.10E-01	1.27E+02	8.61E-04	1.27E+02	1.32E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+00
NC432A	4.98E-02	3.64E+00	-2.88E-03	3.70E+00	2.75E-06	0.00E+00	2.38E+03	5.38E-04	2.86E-03	2.98E-02	4.40E-03	1.93E+01	3.38E-08	4.47E-07	4.18E+01	1.50E+00	5.83E-03	1.86E-01	6.70E-02	6.64E-01	1.18E+02	2.97E+00	7.97E-07	2.88E-07	1.20E-02	3.22E-04	1.70E+00	9.36E-01	1.29E+02	6.36E-03	1.29E+02	1.41E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00
NC440A	3.84E-02	3.38E+00	-3.82E-02	3.39E+00	2.73E-06	0.00E+00	1.23E+03	5.37E-04	2.35E-03	2.55E-02	4.03E-03	1.37E+01	6.03E-07	3.66E-07	2.84E+01	1.44E+00	5.70E-03	1.94E-01	5.39E-02	6.92E-01	1.23E+02	2.94E+00	6.81E-07	2.40E-07	1.03E-02	2.62E-04	1.54E+00	1.53E+00	1.27E+02	6.74E-03	1.27E+02	1.28E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NC440P	4.03E-02	3.74E+00	-1.58E-02	3.74E+00	1.15E-06	0.00E+00	2.25E+03	5.11E-04	2.65E-03	2.87E-02	4.12E-03	1.42E+01	4.64E-07	3.69E-07	2.77E+01	1.39E+00	5.63E-03	1.81E-01	7.27E-02	7.18E-01	1.18E+02	3.97E+00	6.38E-07	2.51E-07	1.05E-02	2.88E-04	1.49E+00	9.13E-01	1.21E+02	9.95E-04	1.20E+02	1.23E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+00
NC450A	4.81E-02	3.34E+00	-4.74E-03	3.29E+00	2.39E-06	0.00E+00	1.19E+03	5.37E-04	2.67E-03	2.89E-02	4.12E-03	2.34E+01	4.17E-08	5.17E-07	4.26E+01	1.49E+00	5.99E-03	1.76E-01	6.37E-02	7.55E-01	1.05E+02	2.65E+00	6.22E-07	3.02E-07	1.11E-02	2.94E-04	1.98E+00	9.82E-01	1.08E+02	6.58E-03	1.08E+02	1.13E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
NC450P	4.78E-02	3.82E+00	5.11E-04	3.79E+00	1.06E-06	0.00E+00	2.20E+03	5.58E-04	2.81E-03	3.03E-02	4.22E-03	2.26E+01	3.68E-08	5.28E-07	4.33E+01	1.52E+00	6.02E-03	1.79E-01	8.28E-02	7.75E-01	1.13E+02	4.00E+00	6.79E-07	3.09E-07	1.12E-02	3.00E-04	2.07E+00	9.10E-01	1.17E+02	1.34E-03	1.17E+02	1.21E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+00
NC463A	4.81E-02	3.40E+00	-3.34E-03	3.35E+00	2.36E-06	0.00E+00	1.18E+03	5.37E-04	2.68E-03	2.91E-02	4.13E-03	2.33E+01	3.05E-08	5.15E-07	4.25E+01	1.49E+00	6.01E-03	1.80E-01	6.36E-02	7.65E-01	1.05E+02	2.62E+00	6.23E-07	3.02E-07	1.12E-02	2.93E-04	2.00E+00	8.22E-01	1.09E+02	6.57E-03	1.08E+02	1.13E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
NC463P	4.83E-02	3.85E+00	4.91E-04	3.83E+00	1.05E-06	0.00E+00	2.20E+03	5.58E-04	2.82E-03	3.04E-02	4.23E-03	2.30E+01	3.68E-08	5.33E-07	4.38E+01	1.52E+00	6.08E-03	1.80E-01	8.25E-02	8.23E-01	1.12E+02	4.00E+00	6.84E-07	3.16E-07	1.13E-02	3.02E-04	2.08E+00	9.16E-01	1.17E+02	1.35E-03	1.17E+02	1.21E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	3.51E+00
NCN002	8.68E-03	9.97E-01	-5.03E-03	1.04E+00	8.75E-07	0.00E+00	5.73E+02	5.10E-05	6.42E-04	6.46E-03	1.02E-03	2.34E+00	2.51E-08	7.95E-08	5.12E+00	1.38E-01	1.37E-03	4.32E-02	1.33E-02	2.65E-01	3.51E+01	1.15E+00	9.88E-08	5.82E-08	2.58E-03	1.17E-04	4.58E-01	2.22E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
NCN003	8.33E-03	9.96E-01	-5.05E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	4.89E-05	6.38E-04	6.44E-03	1.01E-03	2.07E+00	2.47E-08	7.92E-08	4.51E+00	1.30E-01	1.37E-03	4.33E-02	1.33E-02	2.63E-01	3.52E+01	1.15E+00	9.75E-08	5.74E-08	2.58E-03	1.16E-04	4.55E-01	2.20E-01	3.64E+01	3.45E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-01
NCN004	8.29E-03	9.95E-01	-5.09E-03	1.04E+00	8.75E-07	0.00E+00	5.75E+02	5.15E-05	6.37E-04	6.41E-03	1.01E-03	2.12E+00	2.47E-08	7.95E-08	4.57E+00	1.35E-01	1.37E-03	4.32E-02	1.33E-02	2.63E-01	3.48E+01	1.15E+00	9.84E-08	5.72E-08	2.57E-03	1.16E-04	4.72E-01	2.20E-01	3.58E+01	3.52E-04	3.58E+01	3.67E+01	6.64E-01	0.00E+00	0.00E+00	0.00E+00	5.44E-01
NCN006	5.92E-03	8.51E-01	-7.65E-03	8.59E-01	9.18E-07	0.00E+00	4.57E+02	3.83E-05	5.45E-04	5.66E-03	1.01E-03	1.61E+00	1.16E-08	5.64E-08	3.15E+00	9.46E-02	1.37E-03	4.45E-02	9.93E-03	1.36E-01	3.48E+01	1.04E+00	8.37E-08	3.97E-08	2.17E-03	5.25E-05	2.34E-01	2.31E-01	3.59E+01	4.20E-04	3.59E+01	3.64E+01	4.65E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NCN010	6.01E-03	8.34E-01	-7.93E-03	8.42E-01	9.18E-07	0.00E+00	6.31E+02	3.89E-05	5.22E-04	5.64E-03	9.75E-04	1.76E+00	1.24E-08	4.20E-08	3.48E+00	9.46E-02	1.32E-03	4.42E-02	9.32E-03	1.34E-01	3.42E+01	1.00E+00	8.49E-08	3.97E-08	2.11E-03	5.29E-05	2.31E-01	2.27E-01	3.52E+01	4.21E-04	3.52E+01	3.57E+01	4.58E-01	0.00E+00	0.00E+00	0.00E+00	4.00E-01
NCN013	6.38E-03	8.43E-01	-7.56E-03	8.50E-01	9.18E-07	0.00E+00	6.14E+02	3.88E-05	5.39E-04	5.83E-03	9.86E-04	1.97E+00	1.27E-08	4.66E-08	3.98E+00	9.49E-02	1.33E-03	4.42E-02	9.79E-03	1.48E-01	3.47E+01	9.83E-01	8.62E-08	4.25E-08	2.18E-03	5.50E-05	2.82E-01	2.28E-01	3.57E+01	4.24E-04	3.57E+01	3.62E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-01
NCN016	6.29E-03	8.40E-01	-7.74E-03	8.48E-01	9.18E-07	0.00E+00	6.31E+02	3.90E-05	5.30E-04	5.73E-03	9.89E-04	1.96E+00	1.25E-08	4.56E-08	3.93E+00	9.44E-02	1.34E-03	4.42E-02	9.64E-03	1.32E-01	3.44E+01	1.01E+00	8.62E-08	4.14E-08	2.15E-03	5.16E-05	2.40E-01	2.29E-01	3.54E+01	4.24E-04	3.54E+01	3.58E+01	4.68E-01	0.00E+00	0.00E+00	0.00E+00	4.14E-01
NCN020	7.11E-03	8.64E-01	-6.07E-03	8.70E-01	9.31E-07	0.00E+00	6.32E+02	6.50E-05	5.57E-04	6.07E-03	1.03E-03	2.57E+00	1.29E-08	5.87E-08	5.29E+00	1.73E-01	1.39E-03	4.51E-02	1.11E-02	1.39E-01	3.43E+01	1.01E+00	9.06E-08	4.63E-08	2.29E-03	5.38E-05	2.82E-01	2.32E-01	3.53E+01	4.31E-04	3.53E+01	3.58E+01	5.15E-01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN025	7.13E-03	8.65E-01	-5.89E-03	8.71E-01	9.31E-07	0.00E+00	6.16E+02	6.48E-05	5.64E-04	6.15E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.33E+00	1.74E-01	1.38E-03	4.51E-02	1.12E-02	1.50E-01	3.46E+01	9.85E-01	9.05E-08	4.68E-08	2.31E-03	5.72E-05	3.19E-01	2.32E-01	3.56E+01	4.31E-04	3.56E+01	3.61E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NCN032	1.00E-02	9.07E-01	-1.92E-03	9.04E-01	9.05E-07	0.00E+00	4.94E+02	1.11E-04	6.33E-04	6.80E-03	1.06E-03	4.24E+00	1.62E-08	1.08E-07	8.91E+00	3.12E-01	1.43E-03	4.42E-02	1.41E-02	1.65E-01	3.26E+01	1.02E+00	9.98E-08	6.24E-08	2.65E-03	6.31E-05	4.85E-01	2.23E-01	3.38E+01	4.88E-04	3.38E+01	3.46E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	6.21E-01
NCN040	1.17E-02	8.66E-01	2.68E-03	8.64E-01	9.80E-07	0.00E+00	4.34E+02	1.56E-04	6.47E-04	7.00E-03	1.09E-03	5.94E+00	1.31E-08	1.41E-07	1.27E+01	4.51E-01	1.48E-03	4.49E-02	1.74E-02	1.66E-01	2.85E+01	1.01E+00	1.10E-07	7.54E-08	2.82E-03	6.71E-05	5.23E-01	2.39E-01	2.95E+01	5.67E-04	2.95E+01	3.03E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NCN050	1.19E-02	8.67E-01	2.66E-03	8.64E-01	9.80E-07	0.00E+00	4.62E+02	1.56E-04	6.39E-04	6.90E-03	1.11E-03	6.09E+00	1.33E-08	1.44E-07	1.29E+01	4.50E-01	1.51E-03	4.49E-02	1.77E-02	1.48E-01	2.82E+01	1.05E+00	1.11E-07	7.48E-08	2.81E-03	6.35E-05	4.68E-01	2.41E-01	2.92E+01	5.69E-04	2.92E+01	2.99E+01	7.09E-01	0.00E+00	0.00E+00	0.00E+00	7.60E-01
NCN063	1.22E-02	8.77E-01	2.87E-03	8.74E-01	9.80E-07	0.00E+00	4.34E+02	1.55E-04	6.53E-04	7.10E-03	1.11E-03	6.12E+00	1.38E-08	1.45E-07	1.30E+01	4.49E-01	1.50E-03	4.49E-02	1.80E-02	1.79E-01	2.88E+01	1.01E+00	1.11E-07	7.84E-08	2.87E-03	6.76E-05	5.42E-01	2.40E-01	2.98E+01	5.69E-04	2.98E+01	3.05E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
NCN100	8.32E-03	1.00E+00	-5.01E-03	1.05E+00	8.24E-07	0.00E+00	5.44E+02	5.04E-05	6.45E-04	6.46E-03	1.02E-03	2.32E+00	2.56E-08	8.07E-08	5.10E+00	1.29E-01	1.37E-03	4.33E-02	1.33E-02	2.66E-01	3.52E+01	1.16E+00	9.86E-08	5.78E-08	2.58E-03	1.17E-04	4.49E-01	2.22E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.35E-01
NCN100A	8.70E-03	1.00E+00	-5.00E-03	1.05E+00	8.38E-07	0.00E+00	5.40E+02	5.07E-05	6.46E-04	6.48E-03	1.02E-03	2.34E+00	2.56E-08	8.07E-08	5.10E+00	1.31E-01	1.37E-03	4.33E-02	1.33E-02	2.66E-01	3.52E+01	1.17E+00	9.78E-08	5.86E-08	2.58E-03	1.17E-04	4.57E-01	2.22E-01	3.64E+01	3.47E-04	3.64E+01	3.69E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	5.39E-01
NCN100N	7.90E-03	9.72E-01	-1.23E-02	9.66E-01	1.29E-06	0.00E+00	8.52E+02	4.80E-05	5.60E-04	6.51E-03	8.85E-04	1.84E+00	6.60E-08	4.57E-08	4.01E+00	1.49E-01	1.22E-03	5.18E-02	1.11E-02	1.52E-01	3.68E+01	1.07E+00	2.80E-07	5.37E-08	2.47E-03	5.87E-05	3.72E-01	2.45E-01	3.79E+01	3.91E-03	3.79E+01	3.86E+01	7.67E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
NCN101	8.12E-03	1.00E+00	-5.00E-03	1.04E+00	8.25E-07	0.00E+00	5.65E+02	4.84E-05	6.39E-04	6.39E-03	1.01E-03	1.87E+00	2.52E-08	8.05E-08	4.41E+00	1.34E-01	1.37E-03	4.30E-02	1.30E-02	2.59E-01	3.51E+01	1.15E+00	9.92E-08	5.75E-08	2.57E-03	1.16E-04	4.51E-01	2.20E-01	3.64E+01	3.51E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.33E-01

NCN101A	8.13E-03	1.00E+00	-4.69E-03	1.04E+00	8.40E-07	0.00E+00	5.64E+02	5.40E-05	6.39E-04	6.40E-03	1.01E-03	2.05E+00	2.52E-08	8.05E-08	4.57E+00	1.58E-01	1.37E-03
NCN101N	7.90E-03	9.72E-01	-1.23E-02	9.66E-01	1.29E-06	0.00E+00	8.52E+02	4.80E-05	5.60E-04	6.51E-03	8.85E-04	1.84E+00	6.60E-08	4.57E-08	4.01E+00	1.49E-01	1.22E-03
NCN102	8.68E-03	9.97E-01	-4.99E-03	1.04E+00	8.75E-07	0.00E+00	5.73E+02	5.18E-05	6.42E-04	6.46E-03	1.02E-03	2.38E+00	2.51E-08	7.95E-08	5.15E+00	1.41E-01	1.37E-03
NCN102A	8.27E-03	9.98E-01	-4.72E-03	1.04E+00	8.90E-07	0.00E+00	5.72E+02	5.66E-05	6.41E-04	6.45E-03	1.02E-03	2.51E+00	2.51E-08	7.95E-08	5.27E+00	1.61E-01	1.37E-03
NCN102N	7.90E-03	9.71E-01	-1.24E-02	9.66E-01	1.30E-06	0.00E+00	8.52E+02	4.80E-05	5.60E-04	6.52E-03	8.85E-04	1.84E+00	6.56E-08	4.55E-08	3.96E+00	1.49E-01	1.22E-03
NCN103	8.27E-03	9.94E-01	-5.06E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	4.71E-05	6.31E-04	6.41E-03	1.01E-03	1.98E+00	2.47E-08	7.92E-08	4.35E+00	1.29E-01	1.37E-03
NCN103A	8.27E-03	9.96E-01	-5.06E-03	1.04E+00	8.88E-07	0.00E+00	5.50E+02	4.72E-05	6.31E-04	6.40E-03	1.01E-03	1.97E+00	2.47E-08	7.92E-08	4.35E+00	1.30E-01	1.37E-03
NCN103N	7.91E-03	9.70E-01	-1.24E-02	9.63E-01	1.30E-06	0.00E+00	8.52E+02	4.87E-05	5.60E-04	6.51E-03	8.85E-04	1.85E+00	6.56E-08	4.55E-08	4.00E+00	1.49E-01	1.22E-03
NCN104	8.29E-03	9.95E-01	-5.05E-03	1.04E+00	8.75E-07	0.00E+00	5.75E+02	5.36E-05	6.42E-04	6.44E-03	1.02E-03	2.39E+00	2.51E-08	7.95E-08	5.13E+00	1.37E-01	1.37E-03
NCN104A	8.24E-03	9.97E-01	-4.80E-03	1.04E+00	8.90E-07	0.00E+00	5.74E+02	5.52E-05	6.37E-04	6.40E-03	1.01E-03	2.17E+00	2.47E-08	7.94E-08	4.64E+00	1.57E-01	1.37E-03
NCN104N	7.91E-03	9.71E-01	-1.25E-02	9.64E-01	1.30E-06	0.00E+00	8.52E+02	4.86E-05	5.60E-04	6.52E-03	8.85E-04	1.85E+00	6.56E-08	4.54E-08	3.92E+00	1.49E-01	1.22E-03
NCN106	6.82E-03	8.97E-01	-7.72E-03	9.10E-01	8.77E-07	0.00E+00	5.49E+02	4.37E-05	5.81E-04	6.06E-03	9.62E-04	1.78E+00	1.56E-08	4.71E-08	3.78E+00	1.11E-01	1.31E-03
NCN106A	6.26E-03	8.92E-01	-6.79E-03	8.98E-01	9.18E-07	0.00E+00	4.53E+02	3.84E-05	6.07E-04	6.38E-03	1.02E-03	1.61E+00	1.16E-08	5.79E-08	3.18E+00	9.53E-02	1.38E-03
NCN106N	7.82E-03	9.65E-01	-1.31E-02	9.97E-01	1.20E-06	0.00E+00	1.13E+03	6.85E-05	5.47E-04	6.38E-03	9.02E-04	1.87E+00	8.58E-08	5.60E-08	3.98E+00	1.26E-01	1.22E-03
NCN106P	8.44E-03	1.03E+00	-2.29E-02	1.05E+00	7.20E-07	0.00E+00	1.30E+03	4.02E-05	8.75E-04	9.37E-03	1.00E-03	1.84E+00	2.12E-08	5.87E-08	3.99E+00	9.18E-02	1.38E-03
NCN108A	7.16E-03	8.72E-01	-7.81E-03	8.83E-01	8.63E-07	0.00E+00	5.92E+02	4.18E-05	5.97E-04	6.36E-03	9.45E-04	1.79E+00	1.51E-08	4.67E-08	3.87E+00	9.86E-02	1.28E-03
NCN110	5.97E-03	8.17E-01	-7.75E-03	8.25E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.15E-04	5.56E-03	9.63E-04	1.76E+00	1.24E-08	4.26E-08	3.52E+00	9.50E-02	1.30E-03
NCN110A	5.98E-03	8.21E-01	-7.24E-03	8.29E-01	9.18E-07	0.00E+00	6.22E+02	3.89E-05	5.16E-04	5.58E-03	9.70E-04	1.76E+00	1.24E-08	4.26E-08	3.50E+00	9.51E-02	1.31E-03
NCN110N	9.19E-03	1.12E+00	-2.66E-02	1.18E+00	1.25E-06	0.00E+00	8.55E+02	7.06E-05	7.88E-04	8.46E-03	1.10E-03	2.23E+00	9.16E-08	6.97E-08	5.28E+00	1.20E-01	1.53E-03
NCN110P	9.35E-03	1.04E+00	-8.10E-03	1.04E+00	3.34E-07	0.00E+00	6.65E+02	6.09E-05	8.25E-04	9.16E-03	9.18E-04	2.18E+00	1.59E-08	5.07E-08	4.33E+00	1.55E-01	1.28E-03
NCN113	7.14E-03	8.73E-01	-7.70E-03	8.77E-01	8.82E-07	0.00E+00	6.03E+02	4.39E-05	5.71E-04	6.00E-03	9.51E-04	1.96E+00	1.56E-08	4.75E-08	3.91E+00	1.12E-01	1.29E-03
NCN113A	7.19E-03	8.70E-01	-7.77E-03	8.78E-01	8.82E-07	0.00E+00	6.04E+02	4.30E-05	5.90E-04	6.34E-03	9.52E-04	1.95E+00	1.49E-08	4.78E-08	3.91E+00	1.01E-01	1.30E-03
NCN116	7.12E-03	8.71E-01	-7.82E-03	8.71E-01	8.82E-07	0.00E+00	6.23E+02	4.51E-05	5.72E-04	5.98E-03	9.55E-04	1.99E+00	1.56E-08	4.74E-08	3.99E+00	1.14E-01	1.29E-03
NCN116A	6.26E-03	8.28E-01	-7.02E-03	8.35E-01	9.18E-07	0.00E+00	6.22E+02	3.90E-05	5.24E-04	5.67E-03	9.84E-04	1.96E+00	1.24E-08	4.62E-08	3.96E+00	9.49E-02	1.33E-03
NCN116N	9.04E-03	9.83E-01	-3.22E-02	1.01E+00	9.19E-07	0.00E+00	6.97E+02	3.66E-05	7.23E-04	7.81E-03	1.16E-03	2.05E+00	9.72E-08	5.06E-08	4.98E+00	7.76E-02	1.57E-03
NCN116P	8.63E-03	1.02E+00	-9.63E-03	1.04E+00	4.44E-07	0.00E+00	6.82E+02	3.85E-05	7.91E-04	8.63E-03	9.42E-04	1.96E+00	1.67E-08	4.99E-08	4.00E+00	8.74E-02	1.32E-03
NCN120	7.00E-03	8.84E-01	-6.97E-03	8.86E-01	8.87E-07	0.00E+00	6.23E+02	5.48E-05	5.95E-04	6.18E-03	1.00E-03	2.09E+00	1.57E-08	5.49E-08	4.26E+00	1.65E-01	1.35E-03
NCN120A	7.26E-03	8.78E-01	-5.34E-03	8.84E-01	9.31E-07	0.00E+00	6.24E+02	6.50E-05	5.98E-04	6.53E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.31E+00	1.74E-01	1.38E-03
NCN120N	9.45E-03	1.12E+00	-2.36E-02	1.18E+00	1.25E-06	0.00E+00	8.67E+02	7.68E-05	7.89E-04	8.68E-03	1.08E-03	2.27E+00	1.68E-07	7.08E-08	5.21E+00	1.39E-01	1.53E-03
NCN120P	8.71E-03	1.02E+00	-9.56E-03	1.04E+00	4.44E-07	0.00E+00	6.70E+02	4.14E-05	8.02E-04	8.71E-03	9.71E-04	1.99E+00	1.67E-08	5.88E-08	4.06E+00	8.96E-02	1.36E-03
NCN125	8.74E-03	8.95E-01	-4.77E-03	9.05E-01	9.15E-07	0.00E+00	5.75E+02	7.20E-05	6.32E-04	6.81E-03	1.01E-03	2.97E+00	1.55E-08	8.29E-08	5.92E+00	2.02E-01	1.37E-03
NCN125A	8.78E-03	8.91E-01	-3.95E-03	8.97E-01	9.34E-07	0.00E+00	5.70E+02	7.77E-05	6.19E-04	6.69E-03	1.00E-03	3.23E+00	1.52E-08	8.53E-08	6.48E+00	2.17E-01	1.36E-03
NCN125N	8.81E-03	1.09E+00	-1.28E-02	1.16E+00	1.21E-06	0.00E+00	1.10E+03	7.87E-05	6.38E-04	7.05E-03	9.44E-04	2.33E+00	1.72E-07	7.47E-08	4.57E+00	1.45E-01	1.31E-03
NCN125P	8.73E-03	1.03E+00	-9.24E-03	1.04E+00	4.43E-07	0.00E+00	6.81E+02	4.19E-05	8.08E-04	8.75E-03	9.79E-04	2.00E+00	1.67E-08	5.87E-08	4.07E+00	8.96E-02	1.37E-03
NCN132	9.93E-03	9.05E-01	-2.14E-03	9.03E-01	8.99E-07	0.00E+00	5.34E+02	1.09E-04	6.31E-04	6.77E-03	1.04E-03	4.16E+00	1.62E-08	1.08E-07	8.84E+00	3.03E-01	1.42E-03
NCN132A	9.02E-03	8.79E-01	-1.57E-03	8.81E-01	9.51E-07	0.00E+00	4.56E+02	1.01E-04	6.04E-04	6.42E-03	1.09E-03	3.94E+00	1.24E-08	1.04E-07	8.33E+00	2.84E-01	1.48E-03
NCN132N	1.09E-02	1.10E+00	-6.45E-03	1.14E+00	1.31E-06	0.00E+00	8.52E+02	1.37E-04	6.72E-04	7.67E-03	1.09E-03	5.33E+00	1.86E-07	1.32E-07	8.74E+00	3.34E-01	1.49E-03
NCN132P	1.02E-02	1.03E+00	-1.95E-02	1.04E+00	4.55E-07	0.00E+00	1.11E+03	6.95E-05	8.08E-04	8.98E-03	1.10E-03	2.87E+00	1.79E-08	7.55E-08	4.99E+00	1.42E-01	1.51E-03
NCN140	1.05E-02	9.03E-01	-5.70E-04	8.98E-01	9.10E-07	0.00E+00	5.23E+02	1.12E-04	6.31E-04	6.89E-03	1.06E-03	4.91E+00	1.62E-08	1.23E-07	9.68E+00	3.39E-01	1.43E-03
NCN140A	1.20E-02	8.99E-01	2.06E-03	8.96E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.95E-04	7.55E-03	1.10E-03	5.94E+00	1.33E-08	1.43E-07	1.26E+01	4.51E-01	1.49E-03
NCN140N	1.10E-02	1.10E+00	-5.74E-03	1.13E+00	1.31E-06	0.00E+00	8.52E+02	1.33E-04	6.65E-04	7.53E-03	9.86E-04	5.21E+00	1.95E-07	1.30E-07	8.66E+00	3.36E-01	1.37E-03
NCN140P	1.02E-02	1.03E+00	-1.95E-02	1.04E+00	4.55E-07	0.00E+00	1.12E+03	6.96E-05	8.08E-04	8.99E-03	1.10E-03	2.84E+00	1.79E-08	7.61E-08	4.95E+00	1.43E-01	1.51E-03
NCN150	1.09E-02	1.00E+00	-3.50E-03	9.75E-01	9.75E-07	0.00E+00	4.18E+02	1.31E-04	7.95E-04	8.37E-03	1.06E-03	4.37E+00	1.86E-08	1.11E-07	9.08E+00	3.83E-01	1.43E-03
NCN150A	1.19E-02	8.56E-01	2.85E-03	8.53E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.41E-04	6.92E-03	1.11E-03	6.09E+00	1.33E-08	1.45E-07	1.30E+01	4.51E-01	1.50E-03
NCN150N	1.29E-02	1.09E+00	-4.99E-03	1.12E+00	1.33E-06	0.00E+00	8.52E+02	1.31E-04	6.68E-04	7.55E-03	9.84E-04	5.24E+00	1.93E-08	1.32E-07	8.77E+00	3.39E-01	1.36E-03
NCN150P	1.24E-02	1.07E+00	-1.83E-02	1.06E+00	9.61E-07	0.00E+00	6.59E+02	9.82E-05	8.40E-04	9.54E-03	1.10E-03	3.59E+00	1.68E-08	8.31E-08	6.42E+00	2.36E-01	1.52E-03
NCN163	1.22E-02	9.56E-01	-1.73E-03	9.31E-01	1.06E-06	0.00E+00	5.47E+02	1.38E-04	6.72E-04	7.41E-03	1.03E-03	5.97E+00	1.87E-08	1.36E-07	1.29E+01	3.87E-01	1.46E-03
NCN163A	1.22E-02	8.85E-01	2.86E-03	8.82E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	6.87E-04	7.45E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.51E-03
NCN163N	1.31E-02	1.10E+00	-4.87E-03	1.14E+00	1.36E-06	0.00E+00	7.77E+02	1.77E-04	6.68E-04	7.59E-03	9.84E-04	6.67E+00	1.94E-08	1.58E-07	1.39E+01	4.78E-01	1.36E-03
NCN163P	1.26E-02	1.07E+00	-1.91E-02	1.06E+00	9.71E-07	0.00E+00	1.31E+03	1.49E-04	9.28E-04	1.02E-02	1.11E-03	6.22E+00	1.81E-08	1.42E-07	1.28E+01	3.80E-01	1.53E-03
NCN200	2.18E-02	1.87E+00	-6.43E-03	1.85E+00	1.25E-06	0.00E+00	1.12E+03	6.60E-05	1.29E-03	1.33E-02	1.96E-03	2.49E+00	3.11E-08	1.01E-07	5.48E+00	1.90E-01	2.75E-03
NCN200A	2.20E-02	1.88E+00	-6.43E-03	1.87E+00	1.35E-06	0.00E+00	1.12E+03	6.61E-05	1.29E-03	1.33E-02	1.96E-03	2.50E+00	3.11E-08	1.02E-07	5.49E+00	1.91E-01	2.74E-03
NCN200N	8.17E-03	1.03E+00	-2.73E-02	1.01E+00	1.37E-06	0.00E+00	8.63E+02	5.56E-05	6.48E-04	7.09E-03	1.09E-03	2.12E+00	9.19E-08	5.21E-08	4.51E+00	1.66E-01	1.28E-03
NCN201	2.17E-02	1.87E+00	-5.72E-03	1.85E+00	1.25E-06	0.00E+00	1.15E+03	7.20E-05	1.27E-03	1.30E-02	1.88E-03	2.59E+00	2.58E-08	9.88E-08	5.60E+00	2.20E-01	2.68E-03
NCN201A	2.20E-02	1.88E+00	-6.07E-03	1.87E+00	1.37E-06	0.00E+00	1.12E+03	7.27E-05	1.29E-03	1.33E-02	1.96E-03	2.61E+00	2.69E-08	1.02E-07	5.68E+00	2.08E-01	2.73E-03
NCN201N	8.18E-03	1.03E+00	-2.73E-02	1.01E+00	1.37E-06	0.00E+00	8.63E+02	5.56E-05	6.48E-04	7.08E-03	1.09E-03	2.11E+00	9.19E-08	5.21E-08	4.50E+00	1.66E-01	1.28E-03
NCN201P	1.84E-02	1.80E+00	-3.42E-02	1.84E+00	1.38E-06	0.00E+00	1.64E+03	5.65E-05	1.49E-03	1.64E-02	1.85E-03	2.34E+00	3.74E-08	7.67E-08	5.16E+00	1.25E-01	2.78E-03
NCN202	2.18E-02	1.87E+00	-2.10E-03	1.85E+00	1.26E-06	0.00E+00	1.12E+03	1.51E-04	1.29E-03	1.33E-02	1.96E-03	4.07E+00	2.85E-08	1.37E-07	7.83E+00	3.97E-01	2.73E-03
NCN202A	2.20E-02	1.88E+00	-4.76E-04	1.87E+00	1.36E-06	0.00E+00	1.12E+03	1.60E-04	1.27E-03	1.31E-02	1.96E-03	4.57E+00	2.75E-08	1.41E-07	8.77E+00	4.42E-01	2.73E-03
NCN202N	8.18E-03	1.03E+00	-2.75E-02	1.01E+00	1.36E-06	0.00E+00	8.63E+02	5.60E-05	6.50E-04	7.11E-03	1.09E-03	2.15E+00	9.19E-08	5.20E-08	4.52E+00	1.70E-01	1.28E-03
NCN203	2.18E-02	1.87E+00	-3.05E-03	1.85E+00	1.28E-06	0.00E+00	1.12E+03	1.32E-04	1.29E-03	1.34E-02	1.96E-03	3.48E+00	2.83E-08	1.28E-07	6.56E+00	3.21E-01	2.73E-03
NCN203A	2.20E-02	1.88E+00	-2.30E-03	1.87E+00	1.38E-06	0.00E+00	1.12E+03	1.42E-04	1.29E-03	1.33E-02	1.96E-03	3.81E+00	2.82E-08	1.31E-07	7.11E+00	3.49E-01	2.73E-03
NCN203N	1.01E-02	1.03E+00	-2.40E-02	1.01E+00	1.39E-06	0.00E+00	8.63E+02	1.27E-04	6.58E-04	7.39E-03	1.09E-03	5.36E+00	9.42E-08	1.24E-07	8.68E+00	3.20E-01	1.28E-03
NCN204	2.19E-02	1.87E+00	-4.77E-04	1.85E+00	1.27E-06	0.00E+00	1.12E+03	1.59E-04	1.27E-03	1.31E-02	1.96E-03	4.64E+00	2.73E-08	1.41E-07	9.80E+00	4.13E-01	2.73E-03
NCN204A	2.21E-02	1.88E+00	-1.04E-04	1.87E+00	1.37E-06	0.00E+00	1.12E+03	1.65E-04	1.27E-03	1.31E-02	1.96E-03	4.74E+00	2.73E-08	1.42E-07	1.00E+01	4.54E-01	2.72E-03
NCN204N	1.00E-02	1.03E+00	-2.51E-02	1.01E+00	1.39E-06	0.00E+00	8.63E+02	9.41E-05	6.58E-04	7.40E-03	1.09E-03	5.01E+00	9.28E-08	1.20E-07	8.41E+00	2.31E-01	1.28E-03
NCN204P	1.85E-02	1.80E+00	-3.42E-02	1.84E+00	1.38E-06	0.00E+00	1.65E+03	6.61E-05	1.50E-03	1.65E-02	1.84E-03	3.18E+00	3.71E-08	1.02E-07	5.98E+00	1.36E-01	2.78E-03
NCN206	1.90E-02	1.83E+00	-8.74E-03	1.82E+00	1.25E-06	0.00E+00	1.19E+03	5.61E-05	1.29E-03	1.34E-02	1.76E-03	2.29E+00	1.80E-08	6.88E-08	4.80E+00	1.40E-01	2.43E-03
NCN206A	1.93E-02	1.83E+00	-8.62E-03	1.84E+00	1.36E-06	0.00E+00	1.19E+03	5.64E-05	1.28E-03	1.34E-02	1.77E-03	2.31E+00	1.81E-08	6.87E-08	4.77E+00	1.41E-01	2.45E-03
NCN206N	8.12E-03	1.02E+00	-2.82E-02	1.04E+00	1.29E-06	0.00E+00	1.11E+03	7.69E-05	6.38E-04	7.04E-03	1.08E-03	2.15E+00	1.15E-07	5.90E-08	4.53E+00	1.43E-01	1.28E-03
NCN206P	1.84E-02	1.80E+00	-3.40E-02	1.84E+00	1.37E-06	0.00E+00	1.65E+03	5.78E-05	1.51E-03	1.66E-02	1.77E-03	2.34E+00	3.71E-08	7.44E-08	5.02E+00	1.20E-01	2.70E-03
NCN210	1.90E-02	1.87E+00	-1.89E-02	1.89E+00	1.35E-06	0.00E+00	1.28E+03	1.12E-04	1.59E-03	1.68E-02	1.80E-03	3.07E+00	2.49E-08	1.02E-07	5.69E+00	2.65E-01	2.46E-03
NCN210A	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03
NCN210N	1.12E-02	1.90E+00	-2.72E-02	1.97E+00	1.36E-06	0.00E+00	1.15E+03	1.17E-04	1.29E-03	1.36E-02	1.51E-03	5.08E+00	1.20E-07	1.25E-07	8.23E+00	2.14E-01	2.27E-03
NCN210P	1.61E-02	1.80E+00	-2.37E-02	1.83E+00	1.31E-06	0.00E+00	1.64E+03	5.94E-05	1.51E-03	1.66E-02	1.65E-03	2.57E+00	2.04E-08	8.59E-08	5.24E+00	1.18E-01	2.36E-03
NCN213	1.92E-02	1.86E+00	-1.65E-02	1.87E+00	1.32E-06	0.00E+00	1.25E+03	1.08E-04	1.58E-03	1.67E-02	1.81E-03	2.86E+00	2.31E-08	9.67E-08	5.35E+00	2.43E-01	2.47E-03
NCN216	1.94E-02	1.86E+00	-1.72E-02	1.87E+00	1.32E-06	0.00E+00	1.30E+03	1.11E-04	1.58E-03	1.67E-02	1.81E-03	3.07E+00	2.31E-08	9.93E-08	5.57E+00	2.58E-01	2.47E-03
NCN216A	1.28E-02	1.68E+00	-1.48E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.22E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03
NCN216N	1.26E-02	1.90E+00	-2.56E-02	1.98E+00	1.38E-06	0.00E+00	1.15E+03	1.37E-04	1.29E-03	1.37E-02	1.51E-03	5.35E+00	1.49E-07	1.24E-07	8.05E+00	2.78E-01	2.30E-03
NCN216P	1.77E-02	1.80E+00	-2.25E-02	1.83E+00	1.23E-06	0.00E+00	1.62E+03	6.26E-05	1.51E-03	1.67E-02	1.66E-03	2.71E+00	2.14E-08	8.49E-08	5.17E+00	1.23E-01	2.36E-03
NCN220	2.13E-02	1.86E+00	-1.54E-02	1.87E+00	1.33E-06	0.00E+00	1.30E+03	1.24E-04	1.56E-03	1.66E-02	1.98E-03	3.89E+00	2.34E-08	1.19E-07	7.38E+00	3.28E-01	2.73E-03
NCN220A	2.15E-02	1.87E+00	-1.51E-02	1.88E+00	1.43E-06	0.00E+00	1.30E+03	1.26E-04	1.56E-03	1.66E-02	1.98E-03	3.96E+00	2.34E-08	1.20E-07	7.42E+00	3.45E-01	2.73E-03
NCN220N	1.33E-02	1.94E+00	-2.49E-02	2.00E+00	1.39E-06	0.00E+00	1.15E+03	1.47E-04	1.29E-03	1.37E-02	1.53E-03	5.76E+00	2.02E-07	1.38E-07	9.30E+00	3.11E-01	2.34E-03
NCN220P	1.85E-02	1.80E+00	-3.36E-02	1.84E+00	1.38E-06	0.00E+00	1.65E+03	7.21E-05	1.51E-03	1.66E-02	1.79E-03	3.07E+00	2.34E-08	9.96E-08	6.21E+00	1.51E-01	2.71E-03
NCN225	2.20E-02	1.86E+00	-1.34E-02	1.87E+00	1.36E-06	0.00E+00	1.25E+03	2.11E-04	1.56E-03	1.65E-02	1.98E-03	7.16E+00	2.36E-08	2.00E-07	1.56E+01	5.27E-01	2.73E-03

NCN101A	4.31E-02	1.31E-02	2.59E-01	3.51E+01	1.15E+00	9.89E-08	5.77E-08	2.56E-03	1.16E-04	4.58E-01	2.20E-01	3.64E+01	3.54E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.32E-01
NCN101N	5.18E-02	1.11E-02	1.52E-01	3.68E+01	1.07E+00	2.80E-07	5.37E-08	2.47E-03	5.87E-05	3.72E-01	2.45E-01	3.79E+01	3.91E-03	3.79E+01	3.86E+01	7.67E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
NCN102	4.33E-02	1.33E-02	2.65E-01	3.51E+01	1.15E+00	9.89E-08	5.82E-08	2.58E-03	1.17E-04	4.58E-01	2.22E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
NCN102A	4.34E-02	1.33E-02	2.65E-01	3.51E+01	1.16E+00	9.86E-08	5.74E-08	2.57E-03	1.17E-04	4.64E-01	2.20E-01	3.64E+01	3.55E-04	3.64E+01	3.69E+01	6.53E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NCN102N	5.19E-02	1.11E-02	1.52E-01	3.68E+01	1.07E+00	2.80E-07	5.37E-08	2.47E-03	5.87E-05	3.68E-01	2.45E-01	3.79E+01	3.87E-03	3.79E+01	3.87E+01	7.64E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NCN103	4.30E-02	1.31E-02	2.62E-01	3.52E+01	1.15E+00	9.74E-08	5.73E-08	2.57E-03	1.16E-04	4.55E-01	2.20E-01	3.64E+01	3.45E-04	3.64E+01	3.69E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
NCN103A	4.30E-02	1.31E-02	2.62E-01	3.52E+01	1.15E+00	9.65E-08	5.73E-08	2.56E-03	1.16E-04	4.62E-01	2.20E-01	3.64E+01	3.47E-04	3.64E+01	3.69E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NCN103N	5.18E-02	1.11E-02	1.53E-01	3.68E+01	1.06E+00	2.80E-07	5.37E-08	2.48E-03	5.91E-05	3.69E-01	2.45E-01	3.79E+01	3.91E-03	3.79E+01	3.87E+01	7.67E-01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NCN104	4.33E-02	1.34E-02	2.65E-01	3.48E+01	1.15E+00	9.88E-08	5.72E-08	2.57E-03	1.17E-04	4.72E-01	2.20E-01	3.58E+01	3.52E-04	3.58E+01	3.67E+01	6.64E-01	0.00E+00	0.00E+00	0.00E+00	5.44E-01
NCN104A	4.31E-02	1.32E-02	2.63E-01	3.48E+01	1.15E+00	9.81E-08	5.72E-08	2.56E-03	1.16E-04	4.78E-01	2.20E-01	3.58E+01	3.54E-04	3.58E+01	3.67E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
NCN104N	5.19E-02	1.11E-02	1.54E-01	3.68E+01	1.06E+00	2.80E-07	5.37E-08	2.48E-03	5.91E-05	3.69E-01	2.45E-01	3.81E+01	3.87E-03	3.81E+01	3.88E+01	7.64E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
NCN106	4.24E-02	9.91E-03	1.58E-01	3.50E+01	1.01E+00	8.68E-08	4.55E-08	2.33E-03	5.55E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
NCN106A	4.25E-02	9.97E-03	1.53E-01	3.50E+01	1.05E+00	8.42E-08	4.21E-08	2.35E-03	5.60E-05	3.23E-01	2.31E-01	3.60E+01	4.20E-04	3.60E+01	3.66E+01	5.54E-01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
NCN106N	5.54E-02	1.68E-02	1.42E-01	3.56E+01	1.07E+00	4.26E-07	5.34E-08	2.38E-03	5.83E-05	2.89E-01	2.40E-01	3.68E+01	1.53E-04	3.68E+01	4.01E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
NCN106P	5.29E-02	1.21E-02	2.03E-01	3.75E+01	1.32E+00	1.40E-07	5.60E-08	3.80E-03	6.19E-05	3.52E-01	4.52E-01	3.81E+01	1.86E-04	3.83E+01	3.94E+01	7.23E-01	0.00E+00	0.00E+00	0.00E+00	5.15E-01
NCN108A	4.23E-02	9.92E-03	1.58E-01	3.50E+01	1.01E+00	8.58E-08	4.79E-08	2.39E-03	5.43E-05	3.02E-01	2.35E-01	3.64E+01	3.91E-04	3.64E+01	3.69E+01	5.72E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NCN110	4.22E-02	9.25E-03	1.44E-01	3.35E+01	9.87E-01	8.49E-08	3.98E-08	2.08E-03	5.56E-05	2.67E-01	2.26E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NCN110A	4.22E-02	9.28E-03	1.44E-01	3.35E+01	9.99E-01	8.50E-08	3.98E-08	2.08E-03	5.57E-05	2.59E-01	2.27E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.85E-01	0.00E+00	0.00E+00	0.00E+00	3.99E-01
NCN110N	5.95E-02	1.79E-02	2.24E-01	3.64E+01	1.29E+00	4.26E-07	6.10E-08	2.89E-03	6.49E-05	3.36E-01	5.41E-01	3.75E+01	1.96E-04	3.77E+01	4.10E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
NCN110P	5.24E-02	1.20E-02	1.94E-01	3.73E+01	1.13E+00	1.36E-07	6.23E-08	3.87E-03	5.83E-05	3.96E-01	3.23E-01	3.80E+01	2.32E-04	3.82E+01	3.89E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	5.03E-01
NCN113	4.24E-02	9.97E-03	1.57E-01	3.47E+01	9.99E-01	8.73E-08	4.66E-08	2.34E-03	5.56E-05	2.94E-01	2.35E-01	3.62E+01	3.95E-04	3.62E+01	3.66E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NCN113A	4.24E-02	9.97E-03	1.60E-01	3.47E+01	9.98E-01	8.73E-08	4.67E-08	2.34E-03	5.56E-05	2.93E-01	2.35E-01	3.62E+01	3.98E-04	3.62E+01	3.66E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
NCN116	4.24E-02	9.95E-03	1.57E-01	3.44E+01	9.94E-01	8.76E-08	4.63E-08	2.33E-03	5.56E-05	2.99E-01	2.35E-01	3.56E+01	3.93E-04	3.56E+01	3.64E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NCN116A	4.22E-02	9.60E-03	1.42E-01	3.36E+01	1.00E+00	8.63E-08	4.15E-08	2.13E-03	5.44E-05	2.70E-01	2.28E-01	3.46E+01	4.24E-04	3.46E+01	3.51E+01	4.98E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-01
NCN116N	5.11E-02	1.17E-02	2.31E-01	3.72E+01	1.00E+00	1.33E-07	5.98E-08	2.79E-03	6.40E-05	1.64E-01	5.17E-01	3.82E+01	1.10E-04	3.82E+01	3.88E+01	6.81E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-01
NCN116P	5.24E-02	1.20E-02	2.05E-01	3.73E+01	1.14E+00	1.40E-07	5.61E-08	3.79E-03	5.94E-05	3.50E-01	3.69E-01	3.79E+01	1.95E-04	3.81E+01	3.89E+01	7.14E-01	0.00E+00	0.00E+00	0.00E+00	5.05E-01
NCN120	4.26E-02	1.04E-02	1.60E-01	3.39E+01	9.94E-01	8.91E-08	4.61E-08	2.38E-03	5.72E-05	3.14E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
NCN120A	4.32E-02	1.11E-02	1.52E-01	3.39E+01	1.00E+00	9.08E-08	4.75E-08	2.40E-03	5.70E-05	3.27E-01	2.32E-01	3.49E+01	4.31E-04	3.49E+01	3.55E+01	5.59E-01	0.00E+00	0.00E+00	0.00E+00	4.78E-01
NCN120N	5.98E-02	1.80E-02	2.24E-01	3.61E+01	1.29E+00	4.16E-07	6.14E-08	3.00E-03	6.60E-05	3.79E-01	4.76E-01	3.69E+01	1.97E-04	3.72E+01	4.03E+01	9.47E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
NCN120P	5.24E-02	1.22E-02	2.03E-01	3.64E+01	1.15E+00	1.40E-07	5.66E-08	3.80E-03	6.06E-05	3.65E-01	3.24E-01	3.71E+01	1.95E-04	3.74E+01	3.81E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.25E-01
NCN125	4.51E-02	1.31E-02	1.69E-01	3.35E+01	1.00E+00	9.13E-08	5.51E-08	2.58E-03	6.07E-05	4.23E-01	2.61E-01	3.52E+01	4.34E-04	3.52E+01	3.58E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	5.67E-01
NCN125A	4.27E-02	1.32E-02	1.56E-01	3.34E+01	1.00E+00	9.03E-08	5.54E-08	2.55E-03	6.01E-05	4.23E-01	2.39E-01	3.49E+01	4.39E-04	3.49E+01	3.54E+01	6.93E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
NCN125N	5.78E-02	1.78E-02	1.97E-01	3.59E+01	1.09E+00	4.62E-07	5.86E-08	2.90E-03	6.36E-05	4.27E-01	2.45E-01	3.67E+01	2.59E-04	3.67E+01	4.01E+01	9.10E-01	0.00E+00	0.00E+00	0.00E+00	6.05E-01
NCN125P	5.27E-02	1.22E-02	2.03E-01	3.69E+01	1.15E+00	1.42E-07	5.72E-08	3.80E-03	6.13E-05	3.84E-01	3.70E-01	3.74E+01	1.95E-04	3.76E+01	3.84E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	5.26E-01
NCN132	4.42E-02	1.41E-02	1.65E-01	3.30E+01	1.01E+00	9.52E-08	6.25E-08	2.62E-03	6.29E-05	4.84E-01	2.22E-01	3.42E+01	4.80E-04	3.42E+01	3.52E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-01
NCN132A	4.47E-02	1.43E-02	1.54E-01	3.23E+01	1.06E+00	9.91E-08	5.88E-08	2.54E-03	6.04E-05	3.91E-01	2.39E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.30E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
NCN132N	5.48E-02	1.75E-02	2.06E-01	3.45E+01	1.12E+00	3.10E-07	7.10E-08	3.13E-03	6.74E-05	6.87E-01	2.70E-01	3.58E+01	3.91E-03	3.57E+01	3.62E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NCN132P	5.29E-02	1.37E-02	2.04E-01	3.32E+01	1.20E+00	1.49E-07	6.71E-08	3.95E-03	7.01E-05	4.75E-01	4.14E-01	3.35E+01	1.96E-04	3.39E+01	3.56E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
NCN140	4.36E-02	1.44E-02	1.67E-01	3.15E+01	1.02E+00	9.97E-08	6.53E-08	2.68E-03	6.48E-05	5.04E-01	2.23E-01	3.29E+01	5.24E-04	3.29E+01	3.35E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
NCN140A	4.29E-02	1.74E-02	1.71E-01	2.79E+01	1.05E+00	1.11E-07	7.67E-08	2.96E-03	6.73E-05	5.20E-01	2.48E-01	2.90E+01	5.67E-04	2.90E+01	2.97E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NCN140N	5.51E-02	1.73E-02	2.05E-01	3.52E+01	1.10E+00	3.15E-07	6.96E-08	3.10E-03	6.73E-05	6.75E-01	2.55E-01	3.65E+01	3.89E-03	3.64E+01	3.76E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-01
NCN140P	5.28E-02	1.38E-02	2.04E-01	3.30E+01	1.19E+00	1.49E-07	6.70E-08	3.96E-03	7.03E-05	4.76E-01	4.14E-01	3.34E+01	2.01E-04	3.38E+01	3.56E+01	8.39E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
NCN150	4.98E-02	1.56E-02	1.77E-01	3.15E+01	1.13E+00	1.26E-07	6.84E-08	2.82E-03	6.86E-05	5.00E-01	2.63E-01	3.20E+01	1.39E-03	3.20E+01	3.34E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	6.73E-01
NCN150A	4.29E-02	1.76E-02	1.59E-01	2.76E+01	1.05E+00	1.11E-07	7.52E-08	2.81E-03	6.67E-05	5.12E-01	2.40E-01	2.87E+01	5.69E-04	2.87E+01	2.94E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
NCN150N	5.30E-02	1.71E-02	2.11E-01	3.49E+01	1.09E+00	3.12E-07	8.40E-08	3.11E-03	7.63E-05	6.69E-01	2.53E-01	3.63E+01	3.97E-03	3.63E+01	3.73E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-01
NCN150P	5.29E-02	1.58E-02	2.05E-01	3.15E+01	1.16E+00	1.38E-07	7.92E-08	4.00E-03	6.90E-05	4.74E-01	3.95E-01	3.26E+01	2.46E-04	3.29E+01	3.50E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	6.89E-01
NCN163	5.15E-02	1.73E-02	2.00E-01	2.95E+01	1.14E+00	1.27E-07	7.77E-08	2.76E-03	6.50E-05	5.44E-01	3.20E-01	3.04E+01	4.96E-04	3.07E+01	3.18E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	7.60E-01
NCN163A	4.29E-02	1.79E-02	1.79E-01	2.81E+01	1.05E+00	1.12E-07	7.90E-08	2.96E-03	6.74E-05	5.39E-01	2.41E-01	2.91E+01	5.69E-04	2.91E+01	2.99E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
NCN163N	5.31E-02	1.85E-02	2.13E-01	3.49E+01	1.11E+00	3.15E-07	8.55E-08	3.13E-03	7.59E-05	6.98E-01	2.53E-01	3.64E+01	3.98E-03	3.63E+01	3.74E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-01
NCN163P	5.27E-02	1.65E-02	2.08E-01	3.11E+01	1.33E+00	1.38E-07	8.11E-08	4.02E-03	7.04E-05	5.75E-01	4.14E-01	3.24E+01	3.62E-04	3.27E+01	3.43E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	6.78E-01
NCN200	8.82E-02	3.38E-02	3.73E-01	6.35E+01	1.46E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	7.05E-01	2.71E-01	6.57E+01	8.26E-04	6.52E+01	6.66E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NCN200A	8.75E-02	3.41E-02	3.75E-01	6.34E+01	1.47E+00	2.57E-07	1.37E-07	6.03E-03	1.40E-04	7.10E-01	2.73E-01	6.55E+01	8.27E-04	6.50E+01	6.65E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NCN200N	5.32E-02	1.16E-02	1.73E-01	3.69E+01	1.06E+00	3.00E-07	5.77E-08	2.74E-03	5.98E-05	4.84E-01	3.73E-01	3.79E+01	3.93E-03	3.79E+01	3.85E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NCN201	8.68E-02	3.17E-02	3.73E-01	6.42E+01	1.48E+00	2.59E-07	1.35E-07	6.00E-03	1.40E-04	6.92E-01	2.51E-01	6.66E+01	8.57E-04	6.60E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NCN201A	8.66E-02	3.58E-02	3.76E-01	6.40E+01	1.47E+00	2.57E-07	1.37E-07	6.03E-03	1.40E-04	7.09E-01	2.80E-01	6.62E+01	8.44E-04	6.56E+01	6.75E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN201N	5.31E-02	1.16E-02	1.73E-01	3.69E+01	1.06E+00	3.00E-07	5.76E-08	2.74E-03	5.98E-05	4.84E-01	3.73E-01	3.79E+01	3.93E-03	3.79E+01	3.85E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NCN201P	1.02E-01	2.56E-02	3.58E-01	6.38E+01	2.22E+00	2.85E-07	1.18E-07	5.56E-03	1.30E-04	6.74E-01	6.96E-01	6.68E+01	2.45E-04	6.67E+01	6.94E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
NCN202	8.68E-02	3.56E-02	3.75E-01	6.42E+01	1.47E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	8.59E-01	2.71E-01	6.64E+01	8.52E-04	6.58E+01	6.75E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NCN202A	8.66E-02	3.58E-02	3.77E-01	6.40E+01	1.47E+00	2.57E-07	1.38E-07	6.04E-03	1.40E-04	8.59E-01	2.62E-01	6.62E+01	8.65E-04	6.56E+01	6.75E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NCN202N	5.34E-02	1.16E-02	1.73E-01	3.68E+01	1.06E+00	2.85E-07	5.74E-08	2.75E-03	6.14E-05	5.00E-01	3.73E-01	3.76E+01	3.89E-03	3.76E+01	3.81E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-01
NCN203	8.68E-02	3.56E-02	3.76E-01	6.40E+01	1.47E+00	2.59E-07	1.37E-07	6.03E-03	1.41E-04	8.60E-01	2.91E-01	6.61E+01	8.29E-04	6.56E+01	6.73E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN203A	8.66E-02	3.58E-02	3.77E-01	6.39E+01	1.47E+00	2.57E-07	1.37E-07	6.05E-03	1.41E-04	8.59E-01	2.73E-01	6.60E+01	8.31E-04	6.54E+01	6.73E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN203N	5.38E-02	1.55E-02	1.75E-01	3.65E+01	1.06E+00	2.89E-07	6.98E-08	2.91E-03	6.41E-05	7.49E-01	3.73E-01	3.75E+01	3.93E-03	3.75E+01	3.80E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-01
NCN204	8.72E-02	3.53E-02	3.76E-01	6.40E+01	1.47E+00	2.59E-07	1.37E-07	6.03E-03	1.41E-04	8.61E-01	2.52E-01	6.61E+01	8.68E-04	6.56E+01	6.73E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN204A	8.70E-02	3.56E-02	3.77E-01	6.39E+01	1.47E+00	2.57E-07	1.37E-07	6.04E-03	1.41E-04	8.63E-01	2.52E-01	6.60E+01	8.67E-04	6.54E+01	6.72E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN204N	5.39E-02	1.42E-02	1.75E-01	3.66E+01	1.06E+00	2.88E-07	6.87E-08	2.91E-03	6.36E-05	7.32E-01	3.73E-01	3.77E+01	3.89E-03	3.77E+01	3.82E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-01
NCN204P	1.02E-01	2.58E-02	3.58E-01	6.38E+01	2.22E+00	2.84E-07	1.18E-07	5.56E-03	1.30E-04	7.53E-01	6.96E-01	6.68E+01	2.45E-04	6.67E+01	6.94E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NCN206	8.70E-02	2.15E-02	3.49E-01	6.36E+01	1.45E+00	2.57E-07	1.19E-07	5.83E-03	1.38E-04	5.93E-01	2.71E-01	6.63E+01	8.82E-04	6.57E+01	6.71E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NCN206A	8.68E-02	2.17E-02	3.52E-01	6.35E+01	1.45E+00	2.55E-07	1.21E-07	5.85E-03	1.38E-04	5.97E-01	2.90E-01	6.61E+01	8.80E-04	6.55E+01	6.71E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NCN206N	5.73E-02	1.74E-02	1.67E-01	3.54E+01	1.07E+00	4.46E-07	5.69E-08	2.65E-03	5.91E-05	4.53E-01	3.70E-01	3.63E+01	1.88E-04	3.63E+01	3.96E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-01
NCN206P	1.00E-01	2.48E-02	3.58E-01	6.44E+01	2.23E+00	2.83E-07	1.17E-07	5.56E-03	1.30E-04	6.68E-01	6.96E-01	6.75E+01	2.38E-04	6.75E+01	7.02E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-01
NCN210	8.77E-02	2.22E-02	3.52E-01	6.37E+01	2.10E+00	2.65E-07	1.21E-07	5.68E-03	1.40E-04	7.82E-01	5.03E-01	6.59E+01	8.84E-04	6.57E+01	6.77E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NCN210A	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NCN210N	1.11E-01	2.12E-02	3.10E-01	7.00E+01	1.50E+00	4.82E-07	8.63E-08	5.43E-03	1.29E-04	6.97E-01	3.95E-01	7.05E+01	2.64E-04	7.01E+01	7.38E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-01
NCN210P	9.80E-02	2.03E-02	3.44E-01	6.43E+01	2.17E+00	2.74E-07	1.09E-07	5.52E-03	1.31E-04	5.52E-01	5.33E-01	6.73E+01	2.41E-04	6.71E+01	7.03E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-01
NCN213	8.69E-02	2.24E-02	3.53E-01	6.29E+01	2.09E+00	2.60E-07	1.21E-07	5.69E-03	1.41E-04	7.80E-01	4.81E-01	6.56E+01	8.82E-04	6.54E+01	6.74E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NCN216	8.73E-02	2.27E-02	3.53E-01	6.29E+01	2.09E+00	2.60E-07	1.22E-07	5.69E-03	1.41E-04	7.92E-01	4.81E-01	6.56E+01	8.82E-04	6.54E+01	6.74E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NCN216A	8.44E-02	1.92E-02	3.17E-01	6.78E+01	1.95E+00	1.75E-07	8.52E-08	4.50E-03	1.33E-04	5.52E-01	4.56E-01	6.97E+01	8.90E-04	6.97E+01	7.07E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
NCN216N	1.11E-01	2.20E-02	3.11E-01	6.99E+01	1.50E+00	4.84E-07	9.12E-08	5.44E-03	1.30E-04	7.38E-01	3.95E-01	7.04E+01	2.71E-04	7.00E+01	7.36E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-01
NCN216P	9.84E-02	2.06E-02	3.48E-01	6.42E+01	2.17E+00	2.74E-07	1.12E-07	5.53E-03	1.31E-04	5.91E-01	4.83E-01	6.71E+01	2.49E-04	6.70E+01	7.03E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-01
NCN220	8.73E-02	3.03E-02	3.66E-01	6.25E+01	2.09E+00	2.60E-07	1.33E-07	5.77E-03	1.42E-04	8.37E-01	4.82E-01	6.54E+01	8.86E-04	6.52E+01	6.74E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NCN220A	8.71E-02	3.05E-02	3.67E-01	6.24E+01	2.08E+00	2.57E-07	1.34E-07	5.78E-03	1.42E-04	8.38E-01	4.82E-01	6.52E+01	8.87E-04	6.50E+01	6.74E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NCN220N	1.14E-01	2.28E-02	3.15E-01	6.99E+01	1.51E+00	5.23E-07	9.57E-08	5.48E-03	1.31E-04	7.53E-01	3.96E-01	7.05E+01	2.88E-04	7.01E+01	7.36E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-01
NCN220P	1.01E-01	2.66E-02	3.59E-01	6.44E+01	2.23E+00	2.83E-07	1.17E-07	5.58E-03	1.31E-04	7.55E-01	6.28E-01	6.74E+01	2.54E-04	6.74E+01	7.02E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
NCN225	8.84E-02	3.15E-02	3.72E-01	6.27E+01	2.23E+00	2.67E-07	1.39E-07	5.77E-03	1.44E-04	9.03E-01	4.81E-01	6.50E+01	8.90E-04	6.49E+01	6.68E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00

NCN225A	2.22E-02	1.87E+00	-1.31E-02	1.89E+00	1.45E-06	0.00E+00	1.25E+03	2.12E-04	1.56E-03	1.65E-02	1.99E-03	7.12E+00	2.36E-08	1.99E-07	1.55E+01	5.34E-01	2.73E-03	8.82E-02	3.19E-02	3.74E-01	6.25E+01	2.23E+00	2.69E-07	1.40E-07	5.78E-03	1.45E-04	9.04E-01	4.82E-01	6.48E+01	8.93E-04	6.48E+01	6.67E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NCN225N	1.92E-02	2.07E+00	-2.55E-02	2.09E+00	1.40E-06	0.00E+00	1.12E+03	1.80E-04	1.31E-03	1.38E-02	1.83E-03	6.79E+00	2.41E-07	1.70E-07	1.31E+01	3.81E-01	2.50E-03	1.13E-01	3.49E-02	3.87E-01	6.99E+01	1.47E+00	5.34E-07	1.28E-07	6.34E-03	1.33E-04	8.16E-01	3.97E-01	7.05E+01	3.37E-04	7.01E+01	7.35E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NCN225P	1.88E-02	1.80E+00	-2.24E-02	1.83E+00	1.12E-06	0.00E+00	1.61E+03	1.83E-04	1.52E-03	1.67E-02	1.93E-03	5.73E+00	3.03E-07	1.49E-07	1.12E+01	4.46E-01	2.72E-03	9.94E-02	2.78E-02	3.53E-01	6.38E+01	2.23E+00	2.81E-07	1.18E-07	5.55E-03	1.33E-04	6.68E-01	5.37E-01	6.66E+01	3.55E-03	6.67E+01	6.89E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NCN232	2.23E-02	1.79E+00	-1.58E-03	1.80E+00	1.32E-06	0.00E+00	1.02E+03	2.43E-04	1.28E-03	1.33E-02	2.02E-03	8.59E+00	2.05E-08	2.17E-07	1.75E+01	6.62E-01	2.79E-03	9.04E-02	3.05E-02	3.64E-01	6.18E+01	1.40E+00	2.67E-07	1.41E-07	5.73E-03	1.43E-04	9.25E-01	2.91E-01	6.40E+01	9.29E-04	6.36E+01	6.52E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NCN232A	2.24E-02	1.80E+00	1.91E-04	1.81E+00	1.40E-06	0.00E+00	1.02E+03	2.47E-04	1.27E-03	1.30E-02	1.99E-03	8.59E+00	1.92E-08	2.18E-07	1.75E+01	6.73E-01	2.75E-03	8.94E-02	3.08E-02	3.69E-01	6.17E+01	1.41E+00	2.65E-07	1.42E-07	5.76E-03	1.43E-04	9.24E-01	2.72E-01	6.38E+01	9.33E-04	6.34E+01	6.50E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NCN232N	2.13E-02	2.07E+00	-2.38E-02	2.07E+00	1.46E-06	0.00E+00	7.31E+02	1.99E-04	1.33E-03	1.38E-02	1.94E-03	6.86E+00	2.66E-07	1.85E-07	1.38E+01	5.28E-01	2.73E-03	1.07E-01	3.54E-02	4.05E-01	6.90E+01	1.45E+00	3.87E-07	1.44E-07	6.63E-03	1.50E-04	8.66E-01	4.01E-01	7.01E+01	4.10E-03	6.98E+01	7.07E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NCN232P	1.95E-02	1.80E+00	-1.79E-02	1.81E+00	1.17E-06	0.00E+00	1.42E+03	2.20E-04	1.22E-03	1.35E-02	2.03E-03	6.43E+00	3.03E-07	1.78E-07	1.28E+01	5.72E-01	2.88E-03	9.95E-02	2.70E-02	3.59E-01	6.32E+01	1.83E+00	2.90E-07	1.25E-07	5.57E-03	1.35E-04	7.03E-01	4.60E-01	6.53E+01	3.54E-03	6.53E+01	6.78E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NCN240	2.21E-02	1.79E+00	1.39E-04	1.80E+00	1.49E-06	0.00E+00	1.09E+03	2.45E-04	1.28E-03	1.33E-02	2.04E-03	9.28E+00	1.99E-08	2.30E-07	1.91E+01	6.78E-01	2.83E-03	8.93E-02	3.10E-02	3.61E-01	6.12E+01	1.41E+00	2.54E-07	1.38E-07	5.71E-03	1.43E-04	9.14E-01	2.79E-01	6.35E+01	9.22E-04	6.31E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NCN240A	2.35E-02	1.72E+00	6.80E-03	1.71E+00	1.64E-06	0.00E+00	8.76E+02	3.12E-04	1.28E-03	1.39E-02	2.21E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.99E-03	8.59E-02	3.49E-02	3.61E-01	5.51E+01	2.08E+00	2.23E-07	1.51E-07	5.63E-03	1.57E-04	1.01E+00	4.81E-01	5.72E+01	1.18E-03	5.72E+01	5.87E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NCN240N	2.19E-02	1.95E+00	-5.89E-02	2.01E+00	1.69E-06	0.00E+00	8.09E+02	2.91E-04	1.74E-03	1.87E-02	2.52E-03	7.29E+00	3.19E-07	1.96E-07	1.57E+01	7.56E-01	3.41E-03	9.92E-02	2.81E-02	4.25E-01	6.48E+01	1.74E+00	3.59E-07	1.45E-07	6.78E-03	1.57E-04	6.08E-01	1.15E+00	6.65E+01	4.02E-03	6.65E+01	6.83E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN240P	2.02E-02	1.81E+00	-3.23E-02	1.85E+00	1.64E-06	0.00E+00	1.64E+03	1.39E-04	1.48E-03	1.64E-02	2.05E-03	5.60E+00	3.78E-08	1.66E-07	1.08E+01	2.87E-01	2.90E-03	1.03E-01	2.81E-02	3.91E-01	6.36E+01	2.41E+00	3.88E-07	1.32E-07	5.78E-03	1.36E-04	8.35E-01	6.97E-01	6.61E+01	4.21E-04	6.62E+01	6.87E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NCN250	2.28E-02	1.80E+00	1.16E-03	1.81E+00	1.50E-06	0.00E+00	1.01E+03	2.53E-04	1.28E-03	1.31E-02	2.04E-03	9.47E+00	1.93E-08	2.36E-07	1.93E+01	6.75E-01	2.83E-03	9.01E-02	3.12E-02	3.72E-01	6.16E+01	1.44E+00	3.53E-07	1.48E-07	5.74E-03	1.46E-04	9.61E-01	2.63E-01	6.34E+01	1.04E-03	6.31E+01	6.51E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NCN250A	2.29E-02	1.81E+00	1.43E-03	1.82E+00	1.60E-06	0.00E+00	1.01E+03	2.56E-04	1.27E-03	1.31E-02	2.04E-03	9.47E+00	1.92E-08	2.38E-07	1.93E+01	6.99E-01	2.83E-03	8.92E-02	3.16E-02	3.77E-01	6.14E+01	1.44E+00	3.54E-07	1.48E-07	5.78E-03	1.46E-04	9.67E-01	2.73E-01	6.32E+01	1.05E-03	6.29E+01	6.49E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NCN250N	2.27E-02	2.01E+00	-2.22E-02	2.01E+00	1.46E-06	0.00E+00	7.13E+02	2.15E-04	1.33E-03	1.39E-02	1.95E-03	6.89E+00	2.73E-08	1.88E-07	1.41E+01	5.93E-01	2.74E-03	1.05E-01	3.79E-02	3.88E-01	6.56E+01	1.44E+00	3.81E-07	1.51E-07	6.65E-03	1.57E-04	8.87E-01	4.01E-01	6.81E+01	4.15E-03	6.77E+01	6.88E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NCN250P	1.96E-02	1.81E+00	-3.24E-02	1.84E+00	1.40E-06	0.00E+00	1.64E+03	1.89E-04	1.52E-03	1.67E-02	2.06E-03	6.00E+00	3.05E-07	1.72E-07	1.12E+01	4.53E-01	2.94E-03	1.02E-01	2.79E-02	3.82E-01	6.32E+01	2.39E+00	3.13E-07	1.25E-07	5.77E-03	1.36E-04	8.07E-01	6.96E-01	6.57E+01	3.56E-03	6.58E+01	6.75E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NCN263	2.64E-02	1.81E+00	6.35E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.61E-04	1.29E-03	1.33E-02	2.04E-03	1.27E+01	2.05E-08	3.26E-07	2.70E+01	1.02E+00	2.83E-03	9.10E-02	3.59E-02	3.77E-01	6.15E+01	1.44E+00	3.72E-07	1.65E-07	5.75E-03	1.46E-04	1.19E+00	2.72E-01	6.27E+01	1.03E-03	6.23E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NCN263A	2.65E-02	1.82E+00	1.15E-03	1.82E+00	1.60E-06	0.00E+00	1.01E+03	3.62E-04	1.29E-03	1.33E-02	2.04E-03	1.27E+01	2.04E-08	3.25E-07	2.71E+01	1.02E+00	2.83E-03	9.01E-02	3.61E-02	3.81E-01	6.13E+01	1.45E+00	3.74E-07	1.65E-07	5.79E-03	1.46E-04	1.20E+00	2.73E-01	6.25E+01	1.03E-03	6.22E+01	6.44E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NCN263N	2.78E-02	2.02E+00	-2.18E-02	2.01E+00	1.44E-06	0.00E+00	7.12E+02	2.27E-04	1.34E-03	1.40E-02	1.94E-03	1.05E+01	2.63E-08	2.47E-07	1.70E+01	6.07E-01	2.73E-03	1.05E-01	3.98E-02	3.97E-01	6.56E+01	1.45E+00	4.05E-07	1.73E-07	6.77E-03	1.59E-04	1.10E+00	4.01E-01	6.82E+01	4.16E-03	6.78E+01	6.88E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NCN263P	2.35E-02	1.81E+00	-2.80E-02	1.84E+00	1.52E-06	0.00E+00	1.63E+03	1.94E-04	1.56E-03	1.69E-02	2.06E-03	8.27E+00	2.98E-07	2.30E-07	1.29E+01	4.42E-01	2.94E-03	1.03E-01	2.91E-02	3.92E-01	6.29E+01	2.39E+00	4.08E-07	1.48E-07	5.84E-03	1.38E-04	1.07E+00	6.97E-01	6.55E+01	3.40E-03	6.56E+01	6.74E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NCN300	2.50E-02	2.43E+00	-5.45E-03	2.43E+00	2.06E-06	0.00E+00	1.14E+03	1.17E-04	1.72E-03	1.86E-02	3.07E-03	4.70E+00	3.09E-08	1.60E-07	8.12E+00	3.00E-01	4.16E-03	1.22E-01	3.54E-02	5.45E-01	1.00E+02	2.73E+00	3.06E-07	1.58E-07	8.06E-03	2.01E-04	9.58E-01	5.60E-01	1.02E+02	1.31E-03	1.02E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NCN300N	2.02E-02	2.44E+00	-3.48E-02	2.46E+00	1.76E-06	0.00E+00	8.34E+02	1.01E-04	1.36E-03	1.40E-02	2.63E-03	5.17E+00	1.04E-07	1.45E-07	8.46E+00	2.62E-01	3.53E-03	1.14E-01	2.82E-02	3.99E-01	9.74E+01	2.69E+00	3.34E-07	1.37E-07	6.46E-03	1.66E-04	8.37E-01	8.62E-01	9.76E+01	6.16E-03	9.78E+01	1.01E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN301	2.45E-02	2.43E+00	-6.93E-03	2.42E+00	2.04E-06	0.00E+00	1.13E+03	8.89E-05	1.71E-03	1.85E-02	3.04E-03	3.81E+00	2.96E-08	1.40E-07	7.43E+00	2.11E-01	4.11E-03	1.23E-01	3.49E-02	5.44E-01	1.00E+02	2.73E+00	3.02E-07	1.58E-07	8.05E-03	2.01E-04	8.86E-01	5.27E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NCN301A	2.45E-02	2.43E+00	-6.50E-03	2.43E+00	2.10E-06	0.00E+00	1.13E+03	9.64E-05	1.72E-03	1.86E-02	3.04E-03	3.82E+00	2.96E-08	1.41E-07	7.49E+00	2.28E-01	4.11E-03	1.23E-01	3.49E-02	5.44E-01	1.00E+02	2.73E+00	2.99E-07	1.58E-07	8.06E-03	2.01E-04	8.94E-01	5.27E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NCN301N	2.02E-02	2.44E+00	-3.49E-02	2.46E+00	1.75E-06	0.00E+00	8.34E+02	9.43E-05	1.36E-03	1.40E-02	2.63E-03	4.28E+00	1.04E-07	1.29E-07	7.46E+00	2.55E-01	3.53E-03	1.14E-01	2.82E-02	3.99E-01	9.74E+01	2.69E+00	3.34E-07	1.37E-07	6.46E-03	1.66E-04	8.09E-01	8.62E-01	9.73E+01	6.16E-03	9.78E+01	1.01E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN302	2.45E-02	2.43E+00	-5.05E-03	2.42E+00	2.06E-06	0.00E+00	1.13E+03	1.76E-04	1.71E-03	1.86E-02	3.04E-03	7.24E+00	3.11E-08	1.82E-07	1.55E+01	4.62E-01	4.11E-03	1.23E-01	3.49E-02	5.46E-01	1.00E+02	2.73E+00	3.06E-07	1.57E-07	8.05E-03	2.01E-04	1.01E+00	5.27E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NCN302A	2.50E-02	2.44E+00	-1.85E-02	2.43E+00	2.13E-06	0.00E+00	1.82E+03	1.77E-04	1.80E-03	1.96E-02	3.07E-03	7.56E+00	3.26E-08	1.85E-07	1.61E+01	4.68E-01	4.16E-03	1.23E-01	3.54E-02	5.46E-01	1.00E+02	2.82E+00	3.05E-07	1.58E-07	8.06E-03	2.02E-04	1.02E+00	5.89E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NCN302N	2.02E-02	2.44E+00	-3.34E-02	2.46E+00	1.79E-06	0.00E+00	8.34E+02	1.26E-04	1.36E-03	1.41E-02	2.63E-03	5.45E+00	1.06E-07	1.47E-07	8.67E+00	3.46E-01	3.53E-03	1.14E-01	2.81E-02	3.98E-01	9.75E+01	2.69E+00	3.36E-07	1.37E-07	6.48E-03	1.66E-04	8.74E-01	8.62E-01	9.73E+01	6.11E-03	9.77E+01	1.01E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN303	2.45E-02	2.44E+00	-1.70E-02	2.43E+00	2.07E-06	0.00E+00	1.52E+03	1.73E-04	1.72E-03	1.87E-02	3.04E-03	7.30E+00	3.11E-08	1.84E-07	1.55E+01	4.58E-01	4.10E-03	1.23E-01	3.48E-02	5.46E-01	1.00E+02	2.76E+00	3.05E-07	1.58E-07	8.06E-03	2.02E-04	1.01E+00	5.89E-01	1.03E+02	1.30E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NCN303A	2.44E-02	2.43E+00	-4.52E-03	2.43E+00	2.12E-06	0.00E+00	1.13E+03	1.77E-04	1.72E-03	1.87E-02	2.99E-03	7.25E+00	3.11E-08	1.84E-07	1.54E+01	4.71E-01	4.05E-03	1.22E-01	3.47E-02	5.45E-01	1.00E+02	2.79E+00	3.01E-07	1.58E-07	8.05E-03	2.02E-04	1.01E+00	5.27E-01	1.03E+02	1.30E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NCN303N	2.04E-02	2.44E+00	-3.28E-02	2.46E+00	1.81E-06	0.00E+00	8.34E+02	1.71E-04	1.37E-03	1.42E-02	2.63E-03	6.55E+00	1.06E-07	1.70E-07	1.38E+01	5.05E-01	3.53E-03	1.14E-01	2.83E-02	4.00E-01	9.58E+01	2.68E+00	3.38E-07	1.37E-07	6.47E-03	1.66E-04	8.78E-01	8.62E-01	9.50E+01	6.15E-03	9.52E+01	9.84E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NCN304	2.48E-02	2.43E+00	-4.08E-03	2.43E+00	2.08E-06	0.00E+00	1.03E+03	1.73E-04	1.71E-03	1.86E-02	2.99E-03	7.30E+00	3.16E-08	1.80E-07	1.56E+01	4.53E-01	4.05E-03	1.23E-01	3.55E-02	5.46E-01	1.00E+02	2.77E+00	3.06E-07	1.60E-07	8.07E-03	2.02E-04	1.02E+00	4.95E-01	1.03E+02	1.34E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NCN304A	2.48E-02	2.44E+00	-4.83E-03	2.43E+00	2.14E-06	0.00E+00	1.03E+03	1.77E-04	1.72E-03	1.87E-02	2.99E-03	7.38E+00	3.15E-08	1.85E-07	1.57E+01	4.65E-01	4.05E-03	1.23E-01	3.55E-02	5.47E-01	1.00E+02	2.73E+00	3.02E-07	1.60E-07	8.07E-03	2.03E-04	1.03E+00	5.27E-01	1.03E+02	1.36E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NCN304N	2.03E-02	2.44E+00	-3.29E-02	2.46E+00	1.81E-06	0.00E+00	8.34E+02	1.56E-04	1.36E-03	1.42E-02	2.63E-03	6.46E+00	1.06E-07	1.69E-07	1.37E+01	4.46E-01	3.53E-03	1.14E-01	2.83E-02	3.99E-01	9.62E+01	2.69E+00	3.38E-07	1.36E-07	6.48E-03	1.66E-04	8.90E-01	8.62E-01	9.53E+01	6.11E-03	9.56E+01	9.85E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN306	2.06E-02	2.79E+00	-3.50E-02	2.87E+00	2.12E-06	0.00E+00	1.85E+03	1.01E-04	1.84E-03	1.95E-02	2.69E-03	5.24E+00	4.30E-08	1.50E-07	8.40E+00	2.49E-01	3.91E-03	1.29E-01	2.62E-02	4.56E-01	1.01E+02	3.10E+00	3.05E-07	1.37E-07	7.15E-03	1.88E-04	7.46E-01	8.44E-01	1.03E+02	4.61E-04	1.04E+02	1.04E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NCN306A	1.86E-02	2.63E+00	-2.19E-02	2.65E+00	2.34E-06	0.00E+00	1.30E+03	1.14E-04	1.79E-03	1.88E-02	3.04E-03	4.83E+00	3.46E-08	1.73E-07	9.60E+00	2.84E-01	4.11E-03	1.28E-01	2.98E-02	5.01E-01	1.05E+02	3.11E+00	2.56E-07	1.26E-07	7.02E-03	2.05E-04	9.28E-01	6.94E-01	1.08E+02	1.34E-03	1.08E+02	1.09E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NCN306N	1.97E-02	2.50E+00	-3.59E-02	2.58E+00	1.72E-06	0.00E+00	1.16E+03	1.41E-04	1.36E-03	1.42E-02	2.68E-03	5.25E+00	1.47E-07	1.49E-07	8.03E+00	2.83E-01	3.66E-03	1.22E-01	3.38E-02	4.02E-01	9.95E+01	2.92E+00	5.02E-07	1.34E-07	6.57E-03	1.70E-04	8.17E-01	8.58E-01	1.07E+02	4.11E-04	1.04E+02	1.14E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NCN306P	2.17E-02	2.83E+00	-3.88E-02	2.93E+00	1.90E-06	0.00E+00	1.99E+03	8.13E-05	1.91E-03	2.06E-02	2.83E-03	4.29E+00	4.09E-08	1.51E-07	7.34E+00	1.82E-01	4.01E-03	1.22E-01	3.56E-02	5.43E-01	1.03E+02	3.47E+00	3.21E-07	1.45E-07	8.10E-03	1.95E-04	7.67E-01	9.33E-01	1.05E+02	3.82E-04	1.06E+02	1.09E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NCN310	2.13E-02	2.67E+00	-3.24E-02	2.70E+00	1.97E-06	0.00E+00	1.77E+03	1.58E-04	1.77E-03	1.92E-02	2.81E-03	6.74E+00	3.02E-08	1.75E-07	1.47E+01	3.80E-01	3.82E-03	1.24E-01	3.03E-02	4.65E-01	1.03E+02	3.01E+00	2.76E-07	1.37E-07	7.07E-03	1.87E-04	8.88E-01	7.66E-01	1.04E+02	1.31E-03	1.05E+02	1.06E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NCN310A	1.83E-02	2.50E+00	-2.28E-02	2.53E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.66E-03	1.80E-02	2.90E-03	5.28E+00	3.70E-08	1.27E-07	1.05E+01	2.84E-01	3.92E-03	1.27E-01	2.78E-02	4.83E-01	1.01E+02	2.94E+00	2.59E-07	1.23E-07	6.63E-03	2.05E-04	8.00E-01	6.80E-01	1.04E+02	1.35E-03	1.04E+02	1.06E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NCN310N	1.96E-02	2.48E+00	-3.42E-02	2.56E+00	1.75E-06	0.00E+00	1.16E+03	1.68E-04	1.35E-03	1.39E-02	2.67E-03	6.29E+00	1.45E-07	1.63E-07	1.28E+01	3.48E-01	3.64E-03	1.22E-01	3.38E-02	4.02E-01	9.99E+01	2.92E+00	5.02E-07	1.33E-07	6.65E-03	1.70E-04	8.33E-01	8.55E-01	1.07E+02	3.33E-04	1.04E+02	1.15E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NCN310P	2.02E-02	2.40E+00	-2.27E-03	2.40E+00	1.65E-06	0.00E+00	1.10E+03	1.42E-04	1.70E-03	1.78E-02	2.66E-03	5.55E+00	1.98E-08	1.47E-07	1.17E+01	3.52E-01	3.82E-03	1.22E-01	2.67E-02	4.51E-01	1.00E+02	2.90E+00	3.31E-07	1.37E-07	7.74E-03	1.74E-04	7.12E-01	4.56E-01	1.04E+02	3.71E-04	1.03E+02	1.06E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NCN313	1.91E-02	2.48E+00	-2.27E-02	2.51E+00	1.93E-06	0.00E+00	1.85E+03	1.16E-04	1.58E-03	1.70E-02	2.95E-03	5.90E+00	3.81E-08	1.37E-07	1.18E+01	2.81E-01	3.99E-03	1.27E-01	2.89E-02	4.55E-01	1.00E+02	2.98E+00	2.63E-07	1.27E-07	6.46E-03	1.90E-04	7.29E-01	6.85E-01	1.03E+02	1.36E-03	1.03E+02	1.05E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN316	1.92E-02	2.52E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.83E-02	2.94E-03	5.89E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.77E-01	1.02E+02	2.95E+00	2.63E-07	1.28E-07	6.76E-03	2.01E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN316A	1.97E-02	2.58E+00	-2.40E-02	2.61E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.72E-03	1.87E-02	2.95E-03	5.89E+00	3.74E-08	1.38E-07	1.18E+01	2.84E-01	3.99E-03	1.27E-01	2.88E-02	4.89E-01	1.02E+02	2.95E+00	2.63E-07	1.29E-07	6.88E-03	2.02E-04	8.28E-01	7.08E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN316N	2.70E-02	2.87E+00	-9.90E-02	2.97E+00	2.32E-06	0.00E+00	2.05E+03	1.09E-04	2.13E-03	2.30E-02	3.44E-03	6.14E+00	2.92E-07	1.49E-07	1.24E+01	2.29E-01	4.66E-03	1.48E-01	3.44E-02	7.09E-01	1.08E+02	2.97E+00	4.03E-07	1.79E-07	8.27E-03	2.10E-04	4.58E-01	1.61E+00	1.11E+02	3.40E-04	1.11E+02	1.13E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NCN316P	2.09E-02	2.83E+00	-3.41E-02	2.89E+00	1.88E-06	0.00E+00	1.97E+03	1.14E-04	1.89E-03	2.00E-02	2.71E-03	5.27E+00	2.50E-08	1.47E-07	1.05E+01	2.43E-01	3.87E-03	1.23E-01	2.90E-02	4.63E-01	1.03E+02	3.36E+00	3.16E-07	1.39E-07	7.86E-03	1.81E-04	7.76E-01	8.14E-01	1.05E+02	3.65E-04	1.06E+02	1.08E+02	1.65E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NCN320	2.21E-02	2.67E+00	-2.15E-02	2.70E+00	2.19E-06	0.00E+00	1.80E+03	1.68E-04	1.80E-03	1.96E-02	3.00E-03	7.38E+00	3.14E-08	1.70E-07	1.57E+01	4.37E-01	4.05E-03	1.27E-01	3.32E-02	5.11E-01	1.02E+02	3.00E+00	2.80E-07	1.43E-07	7.28E-03	2.06E-04	9.06E-01	7.16E-01	1.04E+02	1.34E-03	1.04E+02	1.06E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NCN320A	2.21E-02	2.66E+00	-1.90E-02	2.68E+00	2.38E-06	0.00E+00	1.82E+03	1.94E-04	1.81E-03	1.98E-02	3.06E-03	7.72E+00	3.87E-08	1.77E-07	1.58E+01	5.20E-01	4.14E-03	1.29E-01	3.33E-02	5.10E-01	1.02E+02	2.95E+00	2.76E-07	1.44E-07	7.30E-03	2.08E-04	9.44E-01	7.19E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN320N	2.09E-02	2.55E+00	-5.03E-02	2.65E+00	1.88E-06	0.00E+00	1.63E+03	1.68E-04	1.73E-03	1.79E-02	2.68E-03	6.75E+00	3.12E-07	1.85E-07	1.27E+01	3.27E-01	3.66E-03	1.26E-01	3.65E-02	4.22E-01	9.86E+01	2.66E+00	5.49E-07	1.42E-07	6.86E-03	1.76E-04	8.21E-01	1.08E+00	1.06E+02	4.06E-04	1.04E+02	1.14E+02	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NCN320P	2.36E-02	2.82E+00	-3.33E-02	2.90E+00	2.06E-06	0.00E+00	1.98E+03	1.29E-04	1.91E-03	2.09E-02	2.86E-03	5.58E+00	4.13E-08	1.61E-07	1.08E+01	2.57E-01	4.05E-03	1.24E-01	3.87E-02	5.42E-01	1.03E+02	3.52E+00	3.28E-07	1.61E-07	8.45E-03	2.01E-04	8.03E-01	8.53E-01	1.06E+02	3.79E-04	1.06E+02	1.08E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NCN325	2.38E-02	2.70E+00	-2.96E-02	2.76E+00	2.18E-06	0.00E+00	1.76E+03	1.94E-04	1.82E-03	1.99E-02	3.00E-03	8.56E+00	3.12E-08	2.05E-07	1.76E+01	4.69E-01	4.05E-03	1.27E-01	3.66E-02	5.19E-01	1.04E+02	3.09E+00	2.92E-07	1.58E-07	7.48E-03	2.11E-04	1.02E+00	7.67E-01	1.06E+02	1.38E-03	1.07E+02	1.08E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NCN325A	2.33E-02	2.54E+00	-1.76E-02	2.55E+00	2.35E-06	0.00E+00	1.85E+03	1.95E-04	1.65E-03	1.80E-02	3.05E-03	7.71E+00	3.76E-08	1.77E-07	1.60E+01	5.19E-01	4.13E-03	1.30E-01	-5.44E+00	4.59E-01	1.01E+02	2.99E+00	2.72E-07	1.40E-07	6.80E-03	2.00E-04	9.89E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.05E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NCN325N	2.80E-02	2.56E+00	-3.47E-02	2.61E+00	1.87E-06	0.00E+00	1.03E+03	1.96E-04	2.21E-03	2.21E-02	3.04E-03	7.18E+00	3.42E-07	2.00E-07	1.38E+01	4.01E-01	4.12E-03	1.26E-01	4.34E-02	6.09E-01	9.83E+01	2.91E+00	5.53E-07	1.92E-07	9.06E-03	2.16E-04	8.56E-01	8.71E-01	1.06E+02	5.13E-04	1.03E+02	1.15E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NCN325P	2.37E-02	2.81E+00	-3.06E-02	2.91E+00	1.72E-06	0.00E+00	1.93E+03	1.91E-04	1.91E-03	2.09E-02	2.86E-03	6.30E+00	3.01E-07	1.91E-07	1.13E+01	4.45E-01	4.05E-03	1.23E-01	3.99E-02	5.35E-01	1.03E+02	3.49E+00	3.18E-07	1.59E-07	8.40E-03	2.05E-04	7.93E-01	8.52E-01	1.05E+02	3.31E-03	1.06E+02	1.08E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NCN332	2.75E-02	2.68E+00	-5.86E-03	2.69E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.94E-03	2.07E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.29E-02	5.11E-01	9.78E+01	3.12E+00	3.01E-07	1.80E-07	8.05E-03	2.19E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NCN332A	2.75E-02	2.69E+00	-4.31E-03	2.69E+00	2.44E-06	0.00E+00	1.32E+03	3.02E-04	1.94E-03	2.07E-02	3.28E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.45E-03	1.34E-01	4.30E-02	5.11E-01	9.75E+01	3.14E+00	3.02E-07	1.80E-07	8.04E-03	2.19E-04	1.18E+00	7.18E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NCN332N	3.37E-02	3.01E+00	-8.32E-02	3.12E+00	2.40E-06	0.00E+00	1.15E+03	3.51E-04	2.49E-03	2.72E-02	3.13E-03	1.18E+01	3.90E-07	3.11E-07	2.40E+01	9.92E-01	5.06E-03	1.53E-01	4.57E-02	6.50E-01	1.01E+02	2.60E+00	5.13E-07	2.14E-07	1.03E-02	2.43E-04	1.16E+00	2.09E+00	1.06E+02	6.43E-03	1.06E+02	1.08E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+00
NCN332P	3.05E-02	2.93E+00	-2.43E-02	3.04E+00	1.86E-06	0.00E+00	2.04E+03	3.23E-04	2.11E-03	2.31E-02	3.03E-03	1.16E+01	2.91E-07	3.29E-07	2.06E+01	8.62E-01	4.30E-03	1.22E-01	4.99E-02	5.76E-01	1.04E+02	3.56E+00	3.89E-07	1.99E-07	9.09E-03	2.22E-04	1.26E+00	8.56E-01	1.06E+02	3.14E-03	1.07E+02	1.08E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NCN340	2.51E-02	2.44E+00	-1.77E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	2.34E-04	1.88E-03	1.99E-02	3.16E-03	1.01E+01	2.35E-08	2.29E-07	2.07E+01	6.37E-01	4.29E-03	1.27E-01	3.87E-02	5.25E-01	9.77E+01	2.72E+00	3.21E-07	1.74E-07	8.35E-03	2.10E-04	1.02E+00	5.26E-01	1.00E+02	1.58E-03	1.00E+02	1.01E+02	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NCN340A	3.52E-02	2.58E+00	8.51E-03	2.57E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	1.93E-03	2.09E-02	3.31E-03	1.78E+01	3.94E-08	4.27E-07	3.80E+01	1.35E+00	4.48E-03	1.29E-01	5.23E-02	5.43E-01	8.30E+01	3.12E+00	3.35E-07	2.27E-07	8.47E-03	2.37E-04	1.54E+00	7.21E-01	8.61E+01	1.79E-03	8.61E+01	8.84E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NCN340N	3.27E-02	2.91E+00	-8.15E-02	2.99E+00	2.54E-06	0.00E+00	1.21E+03	4.37E-04	2.60E-03	2.79E-02	3.72E-03	1.09E+01	4.78E-07	2.93E-07	2.29E+01	1.13E+00	5.04E-03	1.47E-01	4.19E-02	6.35E-01	9.61E+01	2.60E+00	5.39E-07	2.17E-07	1.01E-02	2.34E-04	9.30E-01	1.64E+00	9.87E+01	6.04E-03	9.87E+01	1.01E+02	2.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NCN340P	3.39E-02	3.03E+00	-2.60E-02	3.06E+00	2.08E-06	0.00E+00	2.09E+03	2.94E-04	2.18E-03	2.39E-02	3.13E-03	1.19E+01	4.38E-08	3.29E-07	2.08E+01	7.49E-01	4.45E-03	1.27E-01	5.31E-02	6.34E-01	1.03E+02	3.71E+00	5.10E-07	2.21E-07	9.38E-03	2.23E-04	1.29E+00	1.06E+00	1.06E+02	4.64E-04	1.07E+02	1.08E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
NCN350	3.31E-02	2.44E+00	2.33E-04	2.43E+00	2.18E-06	0.00E+00	1.02E+03	3.93E-04	1.89E-03	2.00E-02	3.17E-03	1.55E+01	2.34E-08	3.74E-07	3.31E+01	1.13E+00	4.29E-03	1.26E-01	4.63E-02	5.49E-01	9.43E+01	2.65E+00	3.50E-07	2.12E-07	8.62E-03	2.19E-04	1.35E+00	4.92E-01	9.82E+01	1.62E-03	9.77E+01	9.95E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
NCN350A	3.62E-02	2.65E+00	1.08E-02	2.64E+00	2.53E-06	0.00E+00	1.33E+03	4.67E-04	2.07E-03	2.24E-02	3.35E-03	1.83E+01	3.96E-08	4.35E-07	3.88E+01	1.35E+00	4.53E-03	1.29E-01	5.31E-02	5.31E-01	8.36E+01	3.15E+00	3.38E-07	2.30E-07	8.89E-03	2.38E-04	1.54E+00	7.24E-01	8.68E+01	1.79E-03	8.68E+01	8.90E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NCN350N	3.86E-02	2.85E+00	-7.44E-02	2.92E+00	2.41E-06	0.00E+00	1.19E+03	3.01E-04	2.64E-03	2.84E-02	3.81E-03	1.62E+01	3.02E-08	3.73E-07	3.40E+01	8.53E-01	5.16E-03	1.37E-01	4.71E-02	6.22E-01	9.17E+01	2.59E+00	5.49E-07	2.46E-07	1.06E-02	2.61E-04	1.00E+00	1.65E+00	9.43E+01	6.59E-03	9.43E+01	9.69E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NCN350P	3.32E-02	2.98E+00	-1.04E-02	3.03E+00	2.00E-06	0.00E+00	1.96E+03	3.23E-04	2.14E-03	2.31E-02	3.11E-03	1.21E+01	2.91E-07	3.47E-07	2.24E+01	8.71E-01	4.44E-03	1.27E-01	5.39E-02	6.02E-01	1.01E+02	3.66E+00	4.64E-07	2.18E-07	9.25E-03	2.21E-04	1.28E+00	7.29E-01	1.05E+02	3.14E-03	1.05E+02	1.06E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
NCN363	3.69E-02	2.66E+00	9.08E-03	2.65E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.38E-02	5.85E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.95E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NCN363A	3.69E-02	2.66E+00	9.08E-03	2.65E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.38E-02	5.85E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.95E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NCN363N	3.79E-02	2.86E+00	-7.44E-02	2.93E+00	2.41E-06	0.00E+00	1.19E+03	3.01E-04	2.70E-03	2.90E-02	3.79E-03	1.62E+01	2.54E-08	3.68E-07	3.41E+01	8.52E-01	5.13E-03	1.37E-01	4.54E-02	5.63E-01	9.18E+01	2.61E+00	5.50E-07	2.42E-07	1.07E-02	2.60E-04	1.01E+00	1.65E+00	9.44E+01	6.59E-03	9.44E+01	9.71E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
NCN363P	3.40E-02	3.00E+00	-2.27E-02	3.05E+00	2.03E-06	0.00E+00	2.02E+03	3.32E-04	2.18E-03	2.38E-02	3.13E-03	1.22E+01	2.90E-07	3.47E-07	2.28E+01	9.04E-01	4.45E-03	1.26E-01	5.47E-02	6.17E-01	1.02E+02	3.68E+00	5.07E-07	2.21E-07	9.39E-03	2.23E-04	1.29E+00	9.37E-01	1.05E+02	3.14E-03	1.06E+02	1.07E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
NCN400	3.01E-02	2.52E+00	-1.97E-02	2.52E+00	2.20E-06	0.00E+00	2.09E+03	1.51E-04	2.32E-03	2.46E-02	3.99E-03	9.54E+00	3.64E-08	1.96E-07	1.76E+01	4.10E-01	5.53E-03	1.71E-01	4.06E-02	6.44E-01	1.27E+02	2.46E+00	4.05E-07	1.94E-07	9.79E-03	2.75E-04	1.05E+00	6.79E-01	1.33E+02	1.75E-03	1.32E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NCN400A	3.00E-02	2.52E+00	-1.92E-02	2.52E+00	2.25E-06	0.00E+00	2.08E+03	1.52E-04	2.32E-03	2.46E-02	4.00E-03	9.54E+00	3.64E-08	1.96E-07	1.76E+01	4.14E-01	5.53E-03	1.71E-01	4.06E-02	6.42E-01	1.27E+02	2.45E+00	3.97E-07	1.93E-07	9.78E-03	2.76E-04	1.05E+00	6.77E-01	1.33E+02	1.78E-03	1.32E+02	1.33E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NCN400N	2.79E-02	2.54E+00	-3.66E-02	2.53E+00	2.20E-06	0.00E+00	8.47E+02	1.29E-04	2.10E-03	2.20E-02	3.44E-03	5.62E+00	1.10E-07	1.66E-07	9.39E+00	3.58E-01	4.74E-03	1.59E-01	3.75E-02	6.13E-01	1.11E+02	2.63E+00	4.57E-07	1.85E-07	8.47E-03	2.19E-04	9.62E-01	9.09E-01	1.15E+02	6.42E-03	1.15E+02	1.18E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
NCN401	3.01E-02	2.52E+00	-2.15E-02	2.53E+00	2.33E-06	0.00E+00	2.08E+03	1.27E-04	2.32E-03	2.46E-02	3.99E-03	5.64E+00	3.75E-08	1.62E-07	8.22E+00	3.08E-01	5.53E-03	1.72E-01	4.06E-02	6.44E-01	1.28E+02	2.46E+00	4.04E-07	1.94E-07	9.74E-03	2.75E-04	9.80E-01	7.74E-01	1.33E+02	1.75E-03	1.33E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NCN401N	2.79E-02	2.54E+00	-3.68E-02	2.53E+00	2.20E-06	0.00E+00	8.47E+02	1.29E-04	2.10E-03	2.20E-02	3.44E-03	5.62E+00	1.10E-07	1.66E-07	9.38E+00	3.58E-01	4.74E-03	1.59E-01	3.75E-02	6.13E-01	1.11E+02	2.63E+00	4.57E-07	1.85E-07	8.47E-03	2.19E-04	9.62E-01	9.09E-01	1.15E+02	6.42E-03	1.15E+02	1.18E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
NCN402	3.08E-02	2.48E+00	-1.92E-02	2.47E+00	2.18E-06	0.00E+00	2.09E+03	2.10E-04	2.32E-03	2.48E-02	3.97E-03	1.02E+01	3.45E-08	2.30E-07	1.90E+01	5.12E-01	5.51E-03	1.70E-01	4.29E-02	6.39E-01	1.27E+02	2.83E+00	4.07E-07	2.02E-07	9.79E-03	2.75E-04	1.11E+00	6.76E-01	1.33E+02	1.78E-03	1.32E+02	1.33E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NCN402A	3.07E-02	2.49E+00	-1.87E-02	2.47E+00	2.25E-06	0.00E+00	2.09E+03	2.21E-04	2.32E-03	2.48E-02	3.97E-03	1.03E+01	3.45E-08	2.33E-07	1.91E+01	5.80E-01	5.51E-03	1.71E-01	4.28E-02	6.38E-01	1.28E+02	2.83E+00	3.99E-07	2.01E-07	9.79E-03	2.76E-04	1.11E+00	6.74E-01	1.33E+02	1.79E-03	1.33E+02	1.34E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NCN402N	2.79E-02	2.54E+00	-3.64E-02	2.53E+00	2.20E-06	0.00E+00	8.47E+02	1.68E-04	2.10E-03	2.20E-02	3.44E-03	8.99E+00	1.10E-07	2.07E-07	1.82E+01	4.72E-01	4.74E-03	1.59E-01	3.75E-02	6.14E-01	1.11E+02	2.63E+00	4.59E-07	1.85E-07	8.48E-03	2.19E-04	9.95E-01	9.09E-01	1.14E+02	6.42E-03	1.14E+02	1.17E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
NCN403	3.07E-02	2.48E+00	-5.01E-03	2.46E+00	2.16E-06	0.00E+00	1.03E+03	2.09E-04	2.23E-03	2.33E-02	3.92E-03	1.02E+01	3.33E-08	2.30E-07	1.88E+01	5.06E-01	5.41E-03	1.69E-01	4.29E-02	6.16E-01	1.27E+02	2.71E+00	4.04E-07	2.01E-07	9.77E-03	2.45E-04	1.09E+00	5.84E-01	1.32E+02	1.83E-03	1.31E+02	1.32E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NCN403A	3.07E-02	2.53E+00	-1.99E-02	2.53E+00	2.32E-06	0.00E+00	2.08E+03	2.04E-04	2.32E-03	2.48E-02	3.97E-03	1.02E+01	3.83E-08	2.30E-07	1.88E+01	4.78E-01	5.51E-03	1.71E-01	4.32E-02	6.37E-01	1.28E+02	2.45E+00	3.94E-07	2.02E-07	9.79E-03	2.75E-04	1.11E+00	7.04E-01	1.34E+02	1.84E-03	1.33E+02	1.34E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NCN403N	2.81E-02	2.55E+00	-3.70E-02	2.53E+00	2.22E-06	0.00E+00	7.38E+02	2.05E-04	2.10E-03	2.21E-02	3.44E-03	9.28E+00	1.13E-07	2.25E-07	1.86E+01	5.82E-01	4.74E-03	1.59E-01	3.86E-02	6.15E-01	1.11E+02	2.62E+00	4.59E-07	1.87E-07	8.51E-03	2.19E-04	1.01E+00	9.09E-01	1.14E+02	6.42E-03	1.14E+02	1.17E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NCN404	3.10E-02	2.53E+00	-1.70E-02	2.53E+00	2.22E-06	0.00E+00	2.10E+03	2.12E-04	2.30E-03	2.47E-02	4.00E-03	1.05E+01	3.70E-08	2.35E-07	1.95E+01	5.38E-01	5.50E-03	1.70E-01	4.43E-02	6.39E-01	1.28E+02	2.45E+00	4.03E-07	2.03E-07	9.81E-03	2.74E-04	1.16E+00	6.78E-01	1.34E+02	1.75E-03	1.33E+02	1.34E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
NCN404A	3.09E-02	2.49E+00	-1.54E-02	2.47E+00	2.25E-06	0.00E+00	1.05E+03	2.24E-04	2.21E-03	2.31E-02	4.00E-03	1.05E+01	3.32E-08	2.39E-07	1.96E+01	6.06E-01	5.50E-03	1.70E-01	4.42E-02	6.38E-01	1.29E+02	2.75E+00	3.95E-07	2.02E-07	9.81E-03	2.75E-04	1.16E+00	6.74E-01	1.35E+02	1.80E-03	1.34E+02	1.35E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN404N	2.80E-02	2.55E+00	-3.69E-02	2.53E+00	2.22E-06	0.00E+00	7.47E+02	2.05E-04	2.10E-03	2.20E-02	3.44E-03	9.27E+00	1.13E-07	2.24E-07	1.86E+01	5.76E-01	4.74E-03	1.59E-01	3.85E-02	6.15E-01	1.11E+02	2.62E+00	4.59E-07	1.87E-07	8.50E-03	2.19E-04	1.01E+00	9.09E-01	1.14E+02	6.42E-03	1.14E+02	1.17E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NCN406	2.94E-02	2.52E+00	-2.21E-02	2.52E+00	2.32E-06	0.00E+00	2.08E+03	1.23E-04	2.29E-03	2.43E-02	3.83E-03	6.05E+00	3.02E-08	1.60E-07	1.00E+01	3.05E-01	5.32E-03	1.69E-01	3.70E-02	5.99E-01	1.28E+02	2.44E+00	3.99E-07	1.88E-07	9.65E-03	2.41E-04	8.99E-01	7.75E-01	1.33E+02	1.74E-03	1.32E+02	1.32E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00

NCN406A	3.06E-02	3.12E+00	-4.26E-02	3.20E+00	2.44E-06	0.00E+00	2.43E+03	1.29E-04	2.36E-03	2.51E-02	3.67E-03	6.73E+00	4.34E-08	1.62E-07	1.06E+01	3.17E-01	5.28E-03	1.65E-01	3.57E-02	5.60E-01	1.25E+02	3.34E+00	4.68E-07	2.02E-07	9.90E-03	2.45E-04	8.96E-01	1.04E+00	1.28E+02	9.38E-04	1.26E+02	1.35E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NCN406N	2.80E-02	2.61E+00	-3.85E-02	2.65E+00	2.19E-06	0.00E+00	1.15E+03	1.52E-04	2.23E-03	2.26E-02	3.46E-03	5.70E+00	1.54E-07	1.66E-07	8.98E+00	2.88E-01	4.86E-03	1.67E-01	4.18E-02	6.18E-01	1.17E+02	2.84E+00	6.10E-07	1.87E-07	8.77E-03	2.34E-04	9.26E-01	9.13E-01	1.26E+02	5.57E-04	1.23E+02	1.32E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NCN406P	2.97E-02	3.29E+00	-4.93E-02	3.31E+00	2.02E-06	0.00E+00	2.37E+03	9.80E-05	2.49E-03	2.65E-02	3.77E-03	5.25E+00	4.19E-08	1.54E-07	8.16E+00	2.16E-01	5.41E-03	1.69E-01	4.13E-02	6.05E-01	1.21E+02	3.73E+00	4.65E-07	1.87E-07	9.85E-03	2.42E-04	9.07E-01	1.28E+00	1.27E+02	8.24E-04	1.27E+02	1.30E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
NCN410	2.85E-02	3.15E+00	-3.25E-02	3.22E+00	2.36E-06	0.00E+00	2.32E+03	1.68E-04	2.41E-03	2.58E-02	3.74E-03	9.87E+00	4.11E-08	2.09E-07	1.82E+01	4.24E-01	5.16E-03	1.71E-01	3.79E-02	6.07E-01	1.31E+02	3.76E+00	3.88E-07	1.89E-07	9.50E-03	2.42E-04	1.03E+00	9.67E-01	1.33E+02	1.79E-03	1.33E+02	1.34E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NCN410A	2.44E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.04E+00	4.92E-08	1.69E-07	1.40E+01	3.77E-01	5.22E-03	1.69E-01	3.70E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.83E-03	2.72E-04	1.04E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NCN410N	2.64E-02	2.60E+00	-3.91E-02	2.65E+00	2.19E-06	0.00E+00	1.05E+03	2.02E-04	2.21E-03	2.26E-02	3.40E-03	8.27E+00	1.91E-07	2.16E-07	1.75E+01	3.92E-01	4.83E-03	1.65E-01	4.19E-02	6.22E-01	1.17E+02	2.83E+00	6.08E-07	1.76E-07	8.72E-03	2.34E-04	9.37E-01	9.17E-01	1.26E+02	4.53E-04	1.24E+02	1.32E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NCN410P	2.87E-02	3.09E+00	-4.02E-02	3.15E+00	2.03E-06	0.00E+00	2.36E+03	1.52E-04	2.50E-03	2.64E-02	3.59E-03	9.10E+00	4.12E-08	2.08E-07	1.57E+01	3.24E-01	5.17E-03	1.71E-01	4.17E-02	6.03E-01	1.25E+02	3.69E+00	4.66E-07	1.88E-07	9.75E-03	2.39E-04	9.46E-01	9.17E-01	1.28E+02	7.97E-04	1.28E+02	1.32E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NCN413	2.54E-02	3.30E+00	-3.02E-02	3.33E+00	2.44E-06	0.00E+00	2.44E+03	1.55E-04	2.10E-03	2.27E-02	3.92E-03	7.87E+00	5.07E-08	1.82E-07	1.57E+01	3.74E-01	5.30E-03	1.69E-01	3.86E-02	6.05E-01	1.34E+02	3.96E+00	3.51E-07	1.68E-07	8.60E-03	2.53E-04	9.64E-01	9.11E-01	1.38E+02	1.82E-03	1.38E+02	1.40E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NCN416	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NCN416A	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NCN416N	2.80E-02	2.61E+00	-3.86E-02	2.65E+00	2.21E-06	0.00E+00	1.04E+03	2.17E-04	2.23E-03	2.29E-02	3.44E-03	9.34E+00	2.52E-07	2.37E-07	1.84E+01	4.16E-01	4.85E-03	1.65E-01	4.45E-02	6.22E-01	1.18E+02	2.83E+00	6.10E-07	1.88E-07	8.91E-03	2.35E-04	9.55E-01	9.17E-01	1.27E+02	5.28E-04	1.24E+02	1.33E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
NCN416P	3.04E-02	3.11E+00	-3.18E-02	3.18E+00	2.05E-06	0.00E+00	2.38E+03	1.69E-04	2.49E-03	2.69E-02	3.64E-03	9.75E+00	4.18E-08	2.31E-07	1.64E+01	3.47E-01	5.23E-03	1.68E-01	4.43E-02	6.06E-01	1.25E+02	3.76E+00	4.70E-07	1.96E-07	9.95E-03	2.43E-04	9.73E-01	9.01E-01	1.29E+02	8.30E-04	1.29E+02	1.33E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NCN420	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN420A	2.94E-02	3.53E+00	-2.54E-02	3.56E+00	2.49E-06	0.00E+00	2.41E+03	2.58E-04	2.40E-03	2.62E-02	4.07E-03	1.03E+01	5.15E-08	2.36E-07	2.11E+01	6.91E-01	5.51E-03	1.73E-01	4.44E-02	6.75E-01	1.35E+02	3.91E+00	3.68E-07	1.91E-07	9.72E-03	2.77E-04	1.23E+00	9.57E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NCN420N	2.92E-02	2.61E+00	-3.79E-02	2.65E+00	2.22E-06	0.00E+00	1.04E+03	2.24E-04	2.28E-03	2.33E-02	3.47E-03	1.04E+01	3.54E-07	2.50E-07	1.89E+01	4.41E-01	4.91E-03	1.67E-01	4.59E-02	6.16E-01	1.18E+02	2.80E+00	6.48E-07	1.96E-07	9.17E-03	2.37E-04	1.06E+00	9.17E-01	1.27E+02	6.33E-04	1.24E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NCN420P	3.09E-02	3.31E+00	-2.96E-02	3.35E+00	2.06E-06	0.00E+00	2.37E+03	1.63E-04	2.51E-03	2.70E-02	3.74E-03	9.88E+00	4.31E-08	2.35E-07	1.65E+01	3.29E-01	5.41E-03	1.69E-01	4.62E-02	6.13E-01	1.26E+02	3.76E+00	4.72E-07	1.96E-07	9.95E-03	2.45E-04	9.95E-01	9.02E-01	1.29E+02	8.15E-04	1.29E+02	1.35E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
NCN425	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN425A	2.94E-02	3.53E+00	-2.54E-02	3.56E+00	2.49E-06	0.00E+00	2.41E+03	2.58E-04	2.40E-03	2.62E-02	4.07E-03	1.03E+01	5.15E-08	2.36E-07	2.11E+01	6.91E-01	5.51E-03	1.73E-01	4.44E-02	6.75E-01	1.35E+02	3.91E+00	3.68E-07	1.91E-07	9.72E-03	2.77E-04	1.23E+00	9.58E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NCN425N	3.60E-02	2.61E+00	-3.69E-02	2.65E+00	2.21E-06	0.00E+00	1.05E+03	3.73E-04	2.43E-03	2.48E-02	3.73E-03	1.26E+01	3.73E-07	3.22E-07	2.16E+01	9.38E-01	5.38E-03	1.61E-01	5.31E-02	6.32E-01	1.16E+02	2.80E+00	6.69E-07	2.21E-07	1.07E-02	2.56E-04	1.19E+00	9.22E-01	1.25E+02	9.60E-04	1.22E+02	1.30E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NCN425P	3.53E-02	3.32E+00	-2.28E-02	3.38E+00	1.95E-06	0.00E+00	2.30E+03	3.49E-04	2.55E-03	2.75E-02	3.75E-03	1.24E+01	2.79E-07	3.27E-07	2.20E+01	9.00E-01	5.40E-03	1.69E-01	5.27E-02	6.17E-01	1.26E+02	3.77E+00	4.83E-07	2.20E-07	1.00E-02	2.45E-04	1.31E+00	9.08E-01	1.29E+02	2.46E-03	1.29E+02	1.34E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00
NCN432	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NCN432A	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NCN432N	3.62E-02	2.55E+00	-3.54E-02	2.54E+00	2.19E-06	0.00E+00	7.24E+02	4.29E-04	2.27E-03	2.40E-02	3.78E-03	1.26E+01	3.83E-07	3.26E-07	2.58E+01	1.16E+00	5.39E-03	1.55E-01	4.81E-02	6.44E-01	1.06E+02	2.58E+00	5.23E-07	2.21E-07	1.05E-02	2.72E-04	1.26E+00	9.25E-01	1.11E+02	6.37E-03	1.10E+02	1.14E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
NCN432P	3.85E-02	3.34E+00	-3.52E-02	3.40E+00	2.06E-06	0.00E+00	2.30E+03	4.44E-04	2.56E-03	2.75E-02	3.95E-03	1.43E+01	2.79E-07	3.58E-07	2.43E+01	1.20E+00	5.64E-03	1.82E-01	5.88E-02	6.54E-01	1.14E+02	3.92E+00	5.76E-07	2.36E-07	1.01E-02	2.73E-04	1.39E+00	1.27E+00	1.17E+02	2.47E-03	1.18E+02	1.22E+02	2.69E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NCN440	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NCN440A	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NCN440N	3.69E-02	2.54E+00	-3.43E-02	2.54E+00	2.17E-06	0.00E+00	7.24E+02	4.43E-04	2.31E-03	2.42E-02	3.80E-03	1.29E+01	3.91E-07	3.32E-07	2.72E+01	1.22E+00	5.40E-03	1.54E-01	4.76E-02	6.46E-01	1.05E+02	2.57E+00	5.91E-07	2.27E-07	1.04E-02	2.72E-04	1.27E+00	9.16E-01	1.08E+02	6.27E-03	1.07E+02	1.11E+02	2.57E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00
NCN440P	3.86E-02	3.37E+00	-3.61E-02	3.37E+00	2.14E-06	0.00E+00	2.35E+03	4.50E-04	2.59E-03	2.78E-02	3.94E-03	1.42E+01	4.45E-08	3.56E-07	2.49E+01	1.20E+00	5.64E-03	1.84E-01	6.00E-02	6.78E-01	1.11E+02	3.92E+00	5.87E-07	2.42E-07	1.01E-02	2.72E-04	1.39E+00	1.27E+00	1.16E+02	8.57E-04	1.17E+02	1.21E+02	2.71E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
NCN450	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.94E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN450A	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.94E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN450N	4.07E-02	2.53E+00	-3.21E-02	2.49E+00	2.11E-06	0.00E+00	7.24E+02	4.14E-04	2.38E-03	2.45E-02	3.81E-03	1.71E+01	2.97E-08	4.07E-07	3.54E+01	1.15E+00	5.42E-03	1.50E-01	4.86E-02	6.46E-01	1.03E+02	2.58E+00	5.64E-07	2.54E-07	1.05E-02	2.75E-04	1.36E+00	9.16E-01	1.06E+02	6.37E-03	1.06E+02	1.10E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
NCN450P	4.49E-02	3.37E+00	-2.96E-02	3.41E+00	2.05E-06	0.00E+00	2.29E+03	4.75E-04	2.62E-03	2.80E-02	4.04E-03	2.06E+01	2.78E-07	4.69E-07	3.27E+01	1.29E+00	5.99E-03	1.82E-01	6.48E-02	7.65E-01	1.12E+02	3.91E+00	5.94E-07	2.95E-07	1.04E-02	2.81E-04	2.20E+00	1.27E+00	1.16E+02	2.47E-03	1.16E+02	1.20E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
NCN463	4.91E-02	3.54E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NCN463A	4.91E-02	3.54E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NCN463N	4.07E-02	2.53E+00	-3.21E-02	2.50E+00	2.10E-06	0.00E+00	7.24E+02	4.14E-04	2.37E-03	2.45E-02	3.81E-03	1.71E+01	3.00E-08	4.06E-07	3.55E+01	1.15E+00	5.42E-03	1.50E-01	4.85E-02	6.47E-01	1.03E+02	2.58E+00	5.69E-07	2.55E-07	1.06E-02	2.75E-04	1.36E+00	9.16E-01	1.06E+02	6.36E-03	1.06E+02	1.10E+02	2.63E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
NCN463P	4.52E-02	3.37E+00	-3.21E-02	3.42E+00	2.16E-06	0.00E+00	2.29E+03	4.81E-04	2.63E-03	2.81E-02	4.17E-03	2.07E+01	2.74E-07	4.76E-07	3.28E+01	1.30E+00	6.04E-03	1.84E-01	6.54E-02	7.81E-01	1.19E+02	3.93E+00	5.96E-07	2.97E-07	1.06E-02	2.88E-04	2.23E+00	1.27E+00	1.21E+02	2.33E-03	1.20E+02	1.23E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+00
NCN506	1.87E-02	1.82E+00	-8.09E-03	1.83E+00	1.21E-06	0.00E+00	1.19E+03	6.89E-05	1.27E-03	1.33E-02	1.84E-03	2.42E+00	1.82E-08	6.92E-08	4.95E+00	1.83E-01	2.44E-03	8.70E-02	2.17E-02	3.55E-01	6.36E+01	1.45E+00	2.57E-07	1.18E-07	5.83E-03	1.38E-04	6.39E-01	2.90E-01	6.64E+01	9.15E-04	6.58E+01	6.72E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NCN506A	1.61E-02	1.80E+00	-3.09E-02	1.82E+00	1.63E-06	0.00E+00	1.68E+03	7.34E-05	1.53E-03	1.67E-02	1.64E-03	2.45E+00	3.03E-07	6.96E-08	4.92E+00	2.22E-01	2.36E-03	1.02E-01	1.99E-02	3.19E-01	6.16E+01	2.21E+00	2.69E-07	1.05E-07	5.23E-03	1.25E-04	6.61E-01	6.25E-01	6.52E+01	3.54E-03	6.51E+01	6.66E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-01
NCN510	1.87E-02	1.87E+00	-1.85E-02	1.90E+00	1.31E-06	0.00E+00	1.35E+03	1.19E-04	1.58E-03	1.68E-02	1.87E-03	3.06E+00	2.50E-08	1.05E-07	5.74E+00	3.05E-01	2.46E-03	8.75E-02	2.24E-02	3.57E-01	6.37E+01	2.11E+00	2.65E-07	1.20E-07	5.68E-03	1.40E-04	8.19E-01	5.03E-01	6.60E+01	9.02E-04	6.58E+01	6.78E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NCN510A	1.70E-02	1.87E+00	-1.73E-02	1.88E+00	1.28E-06	0.00E+00	1.35E+03	1.18E-04	1.58E-03	1.69E-02	1.88E-03	3.01E+00	2.36E-08	1.03E-07	5.71E+00	3.07E-01	2.46E-03	8.73E-02	2.23E-02	3.53E-01	6.34E+01	2.10E+00	2.63E-07	1.20E-07	5.63E-03	1.40E-04	8.14E-01	4.81E-01	6.60E+01	9.01E-04	6.57E+01	6.79E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NCN513	1.27E-02	1.65E+00	-1.51E-02	1.67E+00	1.54E-06	0.00E+00	1.22E+03	7.74E-05	1.05E-03	1.13E-02	1.96E-03	3.93E+00	2.54E-08	9.10E-08	7.87E+00	1.88E-01	2.65E-03	8.45E-02	1.93E-02	3.03E-01	6.69E+01	1.98E+00	1.75E-07	8.43E-08	4.29E-03	1.26E-04	4.84E-01	4.56E-01	6.89E+01	8.90E-04	6.89E+01	6.98E+01	9.40E-01	0.00E+00	0.00E+00	0.00E+00	8.28E-01
NCN513A	1.88E-02	1.87E+00	-1.63E-02	1.88E+00	1.29E-06	0.00E+00	1.33E+03	1.15E-04	1.57E-03	1.68E-02	1.88E-03	2.89E+00	2.33E-08	1.00E-07	5.42E+00	2.83E-01	2.47E-03	8.70E-02	2.25E-02	3.57E-01	6.29E+01	2.10E+00	2.57E-07	1.20E-07	5.69E-03	1.41E-04	8.12E-01	4.81E-01	6.56E+01	9.03E-04	6.54E+01	6.75E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NCN516	1.90E-02	1.87E+00	-1.64E-02	1.88E+00	1.29E-06	0.00E+00	1.33E+03	1.16E-04	1.57E-03	1.67E-02	1.89E-03	3.12E+00	2.31E-08	1.03E-07	5.76E+00	2.97E-01	2.48E-03	8.73E-02	2.28E-02	3.58E-01	6.29E+01	2.10E+00	2.60E-07	1.22E-07	5.70E-03	1.41E-04	8.26E-01	4.81E-01	6.57E+01	9.03E-04	6.55E+01	6.75E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NCN516A	1.90E-02	1.87E+00	-1.64E-02	1.88E+00	1.29E-06	0.00E+00	1.33E+03	1.16E-04	1.57E-03	1.68E-02	1.88E-03	3.11E+00	2.31E-08	1.03E-07	5.76E+00	2.97E-01	2.47E-03	8.73E-02	2.28E-02	3.58E-01	6.29E+01	2.10E+00	2.57E-07	1.21E-07	5.70E-03	1.41E-04	8.26E-01	4.81E-01	6.57E+01	9.03E-04	6.55E+01	6.75E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NCN520	2.09E-02	1.87E+00	-1.46E-02	1.88E+00	1.29E-06	0.00E+00	1.32E+03	1.29E-04	1.55E-03	1.66E-02	2.04E-03	3.97E+00	2.35E-08	1.23E-07	7.58E+00	3.67E-01	2.73E-03	8.73E-02	3.02E-02	3.70E-01	6.25E+01	2.10E+00	2.60E-07	1.31E-07	5.77E-03	1.42E-04	8.70E-01	4.82E-01	6.56E+01	9.02E-04	6.53E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NCN520A	2.09E-02	1.86E+00	-1.46E-02	1.87E+00	1.26E-06	0.00E+00	1.35E+03	1.29E-04	1.56E-03	1.67E-02	2.03E-03	3.96E+00	2.15E-08	1.23E-07	7.57E+00	3.67E-01	2.73E-03	8.73E-02	2.97E-02	3.70E-01	6.27E+01	2.10E+00	2.57E-07	1.31E-07	5.77E-03	1.42E-04	8.70E-01	4.79E-01	6.56E+01	9.02E-04	6.53E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NCN525	2.18E-02	1.86E+00	-1.13E-02	1.87E+00	1.29E-06	0.00E+00	1.29E+03	2.30E-04	1.29E-03	1.34E-02	2.04E-03	7.84E+00	2.04E-08	2.08E-07	1.59E+01	6.13E-01	2.72E-03	8.87E-02	2.94E-02	3.71E-01	6.26E+01	1.80E+00	2.66E-07	1.38E-07	5.72E-03	1.43E-04	9.44E-01	4.79E-01	6.51E+01	9.23E-04	6.50E+01	6.69E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NCN525A	2.18E-02	1.87E+00	-1.32E-02	1.87E+00	1.29E-06	0.00E+00	1.36E+03	2.29E-04	1.56E-03	1.67E-02	2.04E-03	7.85E+00	2.18E-08	2.08E-07	1.58E+01	6.07E-01	2.73E-03	8.84E-02	3.10E-02	3.76E-01	6.28E+01	2.24E+00	2.68E-07	1.38E-07	5.77E-03	1.44E-04	9.44E-01	4.79E-01	6.50E+01	9.14E-04	6.50E+01	6.69E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NCN532	1.79E-02	1.80E+00	-3.19E-02	1.82E+00	1.65E-06	0.00E+00	1.67E+03	1.85E-04	1.49E-03	1.63E-02	2.02E-03	5.76E+00	3.04E-07	1.59E-07	1.10E+01	4.44E-01	2.83E-03	1.04E-01	2.63E-02	3.37E-01	6.09E+01	2.33E+00	2.91E-07	1.16E-07	5.22E-03	1.27E-04	8.09E-01	6.23E-01	6.33E+01	3.54E-03	6.33E+01	6.49E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
NCN532A	2.22E-02	1.80E+00	-1.31E-03	1.81E+00	1.28E-06	0.00E+00	1.02E+03	2.36E-04	1.28E-03	1.33E-02	2.06E-03	8.58E+00	2.08E-08	2.18E-07	1.75E+01	6.30E-01	2.79E-03	9.04E-02	2.99E-02	3.68E-01	6.19E+01	1.40E+00	2.68E-07	1.40E-07	5.73E-03	1.43E-04	9.68E-01	2.90E-01	6.41E+01	9.50E-04	6.37E+01	6.53E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NCN540	2.17E-02	1.80E+00	1.14E-03	1.81E+00	1.40E-06	0.00E+00	1.09E+03	2.41E-04	1.26E-03	1.30E-02	2.07E-03	9.21E+00	1.93E-08	2.23E-07	1.87E+01	6.56E-01	2.82E-03	8.93E-02	3.08E-02	3.64E-01	6.12E+01	1.41E+00	2.54E-07	1.35E-07	5.71E-03	1.42E-04	9.38E-01	2.61E-01	6.35E+01	9.42E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NCN540A	2.17E-02	1.80E+00	1.12E-03	1.81E+00	1.42E-06	0.00E+00	1.09E+03	2.41E-04	1.26E-03	1.30E-02	2.08E-03	9.21E+00	1.93E-08	2.23E-07	1.87E+01	6.59E-01	2.82E-03	8.93E-02	3.08E-02	3.64E-01	6.12E+01	1.41E+00	2.54E-07	1.35E-07	5.71E-03	1.42E-04	9.40E-01	2.63E-01	6.35E+01	9.34E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NCN550	2.27E-02	1.81E+00	8.95E-04	1.82E+00	1.44E-06	0.00E+00	1.01E+03	2.50E-04	1.29E-03	1.33E-02	2.08E-03	9.44E+00	2.07E-08	2.35E-07	1.91E+01	6.49E-01	2.83E-03	9.00E-02	3.09E-02	3.75E-01	6.15E+01	1.45E+00	3.53E-07	1.46E-07	5.74E-03	1.45E-04	1.01E+00	2.72E-01	6.29E+01	1.06E-03	6.26E+01	6.47E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NCN550A	2.27E-02	1.81E+00	1.24E-03	1.82E+00	1.44E-06	0.00E+00	1.01E+03	2.50E-04	1.27E-03	1.31E-02	2.08E-03	9.45E+00	1.97E-08	2.35E-07	1.91E+01	6.50E-01	2.83E-03	9.00E-02	3.09E-02	3.75E-01	6.16E+01	1.44E+00	3.53E-07	1.46E-07	5.74E-03	1.45E-04	1.01E+00	2.72E-01	6.35E+01	1.06E-03	6.31E+01	6.51E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NCN563	2.62E-02	1.81E+00	5.10E-04	1.82E+00	1.44E-06	0.00E+00	1.01E+03	3.82E-04	1.29E-03	1.33E-02	2.09E-03	1.31E+01	2.12E-08	3.45E-07	2.93E+01	1.08E+00	2.84E-03	9.09E-02	3.59E-02	3.80E-01	6.15E+01	1.45E+00	3.72E-07	1.64E-07	5.75E-03	1.46E-04	1.22E+00	2.91E-01	6.27E+01	1.07E-03	6.24E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NCN563A	2.62E-02	1.80E+00	1.24E-03	1.81E+00	1.31E-06	0.00E+00	1.01E+03	3.82E-04	1.27E-03	1.31E-02	2.08E-03	1.31E+01	1.99E-08	3.45E-07	2.94E+01	1.08E+00	2.83E-03	9.09E-02	3.58E-02	3.80E-01	6.15E+01	1.45E+00	3.72E-07	1.64E-07	5.75E-03	1.46E-04	1.22E+00	2.60E-01	6.29E+01	1.07E-03	6.26E+01	6.47E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NCN606	3.05E-02	2.52E+00	-2.07E-02	2.52E+00	2.24E-06	0.00E+00	1.84E+03	1.33E-04	2.38E-03	2.49E-02	3.90E-03	6.16E+00	3.04E-08	1.59E-07	1.02E+01	3.42E-01	5.32E-03	1.68E-01	3.72E-02	5.96E-01	1.23E+02	2.44E+00	4.06E-07	1.95E-07	1.02E-02	2.44E-04	9.24E-01	7.09E-01	1.29E+02	2.01E-03	1.29E+02	1.29E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NCN610	2.96E-02	3.15E+00	-3.10E-02	3.22E+00	2.36E-06	0.00E+00	1.98E+03	1.90E-04	2.51E-03	2.66E-02	3.79E-03	1.00E+01	3.39E-08	2.16E-07	1.84E+01	5.17E-01	5.16E-03	1.71E-01	3.81E-02	6.03E-01	1.25E+02	3.79E+00	3.98E-07	1.96E-07	1.02E-02	2.46E-04	1.03E+00	9.56E-01	1.30E+02	2.03E-03	1.30E+02	1.30E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NCN613	2.55E-02	3.31E+00	-2.96E-02	3.33E+00	2.44E-06	0.00E+00	2.40E+03	1.55E-04	2.10E-03	2.27E-02	3.92E-03	7.87E+00	5.05E-08	1.85E-07	1.59E+01	3.76E-01	5.30E-03	1.69E-01	3.88E-02	6.47E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	8.62E-03	2.65E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NCN616	2.52E-02	3.30E+00	-3.02E-02	3.33E+00	2.44E-06	0.00E+00	2.44E+03	1.55E-04	2.09E-03	2.26E-02	3.91E-03	7.85E+00	4.96E-08	1.81E-07	1.57E+01	3.74E-01	5.30E-03	1.69E-01	3.81E-02	5.86E-01	1.34E+02	3.96E+00	3.50E-07	1.66E-07	8.56E-03	2.53E-04	9.47E-01	9.11E-01	1.38E+02	1.82E-03	1.38E+02	1.39E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
NCN620	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN625	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN632	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NCN640	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NCN650	4.80E-02	3.48E+00	1.21E-02	3.47E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.01E-01	1.11E+02	4.14E+00	4.51E-07	3.04E-07	1.17E-02	3.16E-04	2.05E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN663	4.90E-02	3.52E+00	1.21E-02	3.51E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.71E-03	2.94E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.17E-02	7.74E-01	1.12E+02	4.14E+00	4.52E-07	3.16E-07	1.18E-02	3.17E-04	2.12E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.09E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
ND106P	9.00E-03	9.86E-01	-7.04E-03	1.01E+00	7.76E-07	0.00E+00	6.40E+02	6.13E-05	5.99E-04	7.51E-03	8.81E-04	2.19E+00	1.63E-08	4.99E-08	4.09E+00	2.10E-01	1.22E-03	4.49E-02	1.16E-02	1.52E-01	3.63E+01	1.01E+00	1.27E-07	5.60E-08	3.36E-03	5.61E-05	3.96E-01	2.12E-01	3.73E+01	1.96E-04	3.73E+01	3.86E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
ND110P	9.41E-03	1.05E+00	-7.55E-03	1.06E+00	7.74E-07	0.00E+00	6.37E+02	6.28E-05	8.20E-04	9.27E-03	9.98E-04	2.45E+00	1.57E-08	6.00E-08	4.98E+00	1.61E-01	1.40E-03	4.79E-02	1.24E-02	2.02E-01	3.63E+01	1.01E+00	1.26E-07	6.07E-08	3.89E-03	6.03E-05	3.90E-01	2.68E-01	3.75E+01	2.62E-04	3.75E+01	3.88E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
ND116P	9.07E-03	9.86E-01	-7.10E-03	1.01E+00	7.76E-07	0.00E+00	6.51E+02	6.09E-05	5.98E-04	7.51E-03	8.81E-04	2.23E+00	1.62E-08	4.98E-08	4.09E+00	2.05E-01	1.22E-03	4.51E-02	1.17E-02	1.55E-01	3.60E+01	9.98E-01	1.27E-07	5.59E-08	3.36E-03	5.62E-05	4.04E-01	2.12E-01	3.67E+01	1.97E-04	3.67E+01	3.83E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-01
ND120P	9.76E-03	1.05E+00	-7.09E-03	1.06E+00	7.73E-07	0.00E+00	5.87E+02	6.53E-05	8.40E-04	9.42E-03	1.06E-03	2.44E+00	1.56E-08	6.03E-08	5.00E+00	1.63E-01	1.48E-03	4.80E-02	1.27E-02	2.02E-01	3.47E+01	1.03E+00	1.26E-07	6.23E-08	3.92E-03	6.24E-05	3.89E-01	2.70E-01	3.54E+01	2.63E-04	3.54E+01	3.64E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
ND125P	1.10E-02	1.05E+00	-3.53E-03	1.06E+00	7.94E-07	0.00E+00	5.75E+02	7.80E-05	8.46E-04	9.54E-03	1.06E-03	2.93E+00	1.56E-08	8.65E-08	5.53E+00	1.87E-01	1.48E-03	4.83E-02	1.46E-02	2.02E-01	3.45E+01	1.03E+00	1.27E-07	7.11E-08	4.05E-03	6.62E-05	4.53E-01	2.70E-01	3.49E+01	2.66E-04	3.48E+01	3.58E+01	8.06E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-01
ND132P	1.12E-02	1.05E+00	-2.74E-03	1.06E+00	8.01E-07	0.00E+00	5.76E+02	9.93E-05	8.41E-04	9.56E-03	1.07E-03	4.17E+00	1.55E-08	1.09E-07	7.55E+00	2.45E-01	1.49E-03	4.55E-02	1.51E-02	1.96E-01	3.36E+01	1.04E+00	1.28E-07	7.28E-08	4.05E-03	6.71E-05	4.65E-01	2.42E-01	3.40E+01	3.12E-04	3.40E+01	3.47E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	6.52E-01
ND140P	1.16E-02	9.87E-01	-1.43E-03	1.01E+00	7.97E-07	0.00E+00	6.54E+02	1.03E-04	6.12E-04	7.93E-03	8.66E-04	4.94E+00	1.69E-08	1.17E-07	8.29E+00	3.24E-01	1.22E-03	4.52E-02	1.46E-02	1.58E-01	3.57E+01	9.99E-01	1.29E-07	7.32E-08	3.49E-03	6.05E-05	5.44E-01	2.13E-01	3.66E+01	2.38E-04	3.66E+01	3.83E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	6.56E-01
ND150P	1.14E-02	9.88E-01	9.41E-04	1.01E+00	8.00E-07	0.00E+00	6.70E+02	1.29E-04	6.14E-04	7.90E-03	8.36E-04	4.88E+00	2.05E-08	1.09E-07	7.83E+00	3.88E-01	1.22E-03	4.52E-02	1.54E-02	1.59E-01	3.30E+01	1.00E+00	1.33E-07	7.00E-08	3.49E-03	6.12E-05	5.22E-01	2.13E-01	3.39E+01	2.23E-04	3.41E+01	3.67E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-01
ND163P	1.21E-02	9.89E-01	1.31E-03	1.01E+00	8.02E-07	0.00E+00	6.70E+02	1.54E-04	6.17E-04	7.94E-03	8.30E-04	6.23E+00	2.06E-08	1.39E-07	1.33E+01	4.49E-01	1.22E-03	4.52E-02	1.67E-02	1.60E-01	3.30E+01	1.00E+00	1.34E-07	7.60E-08	3.50E-03	6.19E-05	5.48E-01	2.13E-01	3.39E+01	2.61E-04	3.41E+01	3.66E+01	6.99E-01	0.00E+00	0.00E+00	0.00E+00	7.29E-01
ND206P	1.83E-02	1.80E+00	-2.25E-02	1.83E+00	1.00E-06	0.00E+00	1.59E+03	6.90E-05	1.57E-03	1.68E-02	1.88E-03	2.45E+00	3.03E-07	7.83E-08	5.12E+00	1.90E-01	2.77E-03	9.71E-02	2.72E-02	3.51E-01	6.36E+01	2.16E+00	2.82E-07	1.17E-07	5.57E-03	1.32E-04	5.50E-01	4.84E-01	6.59E+01	3.54E-03	6.59E+01	6.80E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
ND216P	1.84E-02	1.80E+00	-2.40E-02	1.83E+00	1.07E-06	0.00E+00	1.61E+03	1.04E-04	1.56E-03	1.67E-02	1.89E-03	2.97E+00	3.04E-07	9.48E-08	5.86E+00	2.48E-01	2.84E-03	9.90E-02	2.56E-02	3.53E-01	6.30E+01	2.15E+00	2.85E-07	1.17E-07	5.59E-03	1.32E-04	5.76E-01	5.35E-01	6.49E+01	3.52E-03	6.49E+01	6.68E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
ND220P	1.84E-02	1.80E+00	-2.31E-02	1.84E+00	1.24E-06	0.00E+00	1.62E+03	1.04E-04	1.56E-03	1.67E-02	1.92E-03	2.99E+00	3.04E-07	9.52E-08	5.95E+00	2.41E-01	2.88E-03	9.92E-02	2.56E-02	3.55E-01	6.28E+01	2.16E+00	2.85E-07	1.17E-07	5.60E-03	1.32E-04	6.00E-01	4.88E-01	6.45E+01	3.52E-03	6.45E+01	6.64E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
ND225P	1.93E-02	1.80E+00	-1.99E-02	1.82E+00	1.18E-06	0.00E+00	1.63E+03	1.99E-04	1.55E-03	1.66E-02	2.05E-03	5.74E+00	3.04E-07	1.62E-07	1.08E+01	5.15E-01	2.88E-03	9.95E-02	2.69E-02	3.60E-01	6.28E+01	2.28E+00	2.93E-07	1.24E-07	5.60E-03	1.35E-04	6.85E-01	4.64E-01	6.40E+01	3.55E-03	6.41E+01	6.58E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
ND232P	1.95E-02	1.80E+00	-2.00E-02	1.82E+00	1.18E-06	0.00E+00	1.63E+03	1.98E-04	1.55E-03	1.66E-02	2.10E-03	5.90E+00	3.04E-07	1.63E-07	1.08E+01	5.20E-01	2.94E-03	9.96E-02	2.75E-02	3.78E-01	6.23E+01	2.29E+00	2.93E-07	1.25E-07	5.78E-03	1.36E-04	6.96E-01	4.65E-01	6.37E+01	3.55E-03	6.38E+01	6.52E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
ND240P	1.88E-02	1.80E+00	-2.07E-02	1.82E+00	1.17E-06	0.00E+00	1.63E+03	2.01E-04	1.55E-03	1.65E-02	2.10E-03	5.88E+00	3.04E-07	1.50E-07	1.09E+01	5.25E-01	2.94E-03	9.89E-02	2.63E-02	3.65E-01	6.21E+01	2.23E+00	2.81E-07	1.19E-07	5.77E-03	1.33E-04	6.64E-01	4.65E-01	6.39E+01	3.53E-03	6.39E+01	6.52E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
ND250P	2.01E-02	1.82E+00	-1.77E-02	1.84E+00	1.18E-06	0.00E+00	1.62E+03	2.17E-04	1.55E-03	1.67E-02	2.11E-03	6.41E+00	2.96E-07	1.83E-07	1.15E+01	5.50E-01	2.96E-03	9.94E-02	2.79E-02	3.86E-01	6.21E+01	2.31E+00	3.87E-07	1.30E-07	5.81E-03	1.37E-04	7.68E-01	4.65E-01	6.36E+01	3.43E-03	6.36E+01	6.51E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
ND263P	2.48E-02	1.82E+00	-1.12E-02	1.84E+00	1.20E-06	0.00E+00	1.61E+03	3.33E-04	1.55E-03	1.67E-02	2.12E-03	1.07E+01	2.96E-07	3.23E-07	2.02E+01	9.14E-01	2.97E-03	1.00E-01	3.54E-02	3.90E-01	6.22E+01	2.30E+00	4.09E-07	1.50E-07	5.81E-03	1.38E-04	1.17E+00	4.65E-01	6.35E+01	3.40E-03	6.36E+01	6.51E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
ND306P	2.19E-02	2.80E+00	-2.84E-02	2.87E+00	1.76E-06	0.00E+00	1.89E+03	1.14E-04	1.83E-03	1.97E-02	2.86E-03	3.79E+00	2.99E-07	1.46E-07	7.97E+00	2.76E-01	4.05E-03	1.23E-01	3.18E-02	5.05E-01	1.02E+02	3.07E+00	3.03E-07	1.43E-07	7.35E-03	2.00E-04	7.10E-01	7.34E-01	1.04E+02	3.26E-03	1.05E+02	1.06E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
ND310P	2.20E-02	2.80E+00	-3.14E-02	2.87E+00	1.90E-06	0.00E+00	1.90E+03	1.75E-04	1.84E-03	1.97E-02	2.90E-03	5.87E+00	2.99E-07	1.59E-07	1.08E+01	4.21E-01	4.11E-03	1.24E-01	3.18E-02	5.14E-01	1.04E+02	3.11E+00	3.06E-07	1.44E-07	7.42E-03	2.01E-04	7.34E-01	7.68E-01	1.05E+02	3.26E-03	1.06E+02	1.07E+02	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00

ND316P	2.32E-02	2.80E+00	-3.03E-02	2.87E+00	1.91E-06	0.00E+00	1.93E+03	1.78E-04	1.83E-03	1.97E-02	2.94E-03	6.50E+00	2.99E-07	1.71E-07	1.16E+01	4.44E-01	4.17E-03	1.25E-01	3.39E-02	5.13E-01	1.04E+02	3.12E+00	3.12E-07	1.52E-07	7.46E-03	2.03E-04	7.70E-01	7.68E-01	1.05E+02	3.29E-03	1.05E+02	1.07E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
ND320P	2.31E-02	2.84E+00	-3.02E-02	2.91E+00	1.86E-06	0.00E+00	1.99E+03	1.79E-04	2.00E-03	2.11E-02	3.03E-03	6.56E+00	2.99E-07	1.73E-07	1.15E+01	4.48E-01	4.30E-03	1.25E-01	3.41E-02	5.33E-01	1.03E+02	3.16E+00	3.47E-07	1.59E-07	8.12E-03	2.16E-04	7.64E-01	7.70E-01	1.05E+02	3.29E-03	1.05E+02	1.07E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
ND325P	2.43E-02	2.85E+00	-2.52E-02	2.94E+00	1.90E-06	0.00E+00	1.95E+03	1.94E-04	2.01E-03	2.13E-02	3.03E-03	7.73E+00	2.91E-07	2.04E-07	1.25E+01	4.69E-01	4.30E-03	1.25E-01	3.73E-02	5.31E-01	1.02E+02	3.21E+00	3.41E-07	1.67E-07	8.20E-03	2.18E-04	8.74E-01	7.29E-01	1.05E+02	3.14E-03	1.05E+02	1.06E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
ND332P	2.96E-02	2.94E+00	-1.65E-02	3.01E+00	1.96E-06	0.00E+00	1.92E+03	3.21E-04	2.04E-03	2.17E-02	3.11E-03	1.17E+01	2.91E-07	3.31E-07	2.09E+01	8.71E-01	4.44E-03	1.28E-01	4.49E-02	5.37E-01	1.02E+02	3.23E+00	3.71E-07	1.96E-07	8.26E-03	2.19E-04	1.27E+00	7.48E-01	1.05E+02	3.14E-03	1.05E+02	1.07E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
ND340P	2.40E-02	2.87E+00	-2.61E-02	2.93E+00	1.95E-06	0.00E+00	1.94E+03	1.94E-04	2.01E-03	2.14E-02	3.13E-03	7.00E+00	2.91E-07	2.00E-07	1.19E+01	4.68E-01	4.45E-03	1.28E-01	3.65E-02	5.31E-01	1.01E+02	3.21E+00	3.67E-07	1.67E-07	8.21E-03	2.18E-04	8.05E-01	7.47E-01	1.04E+02	3.22E-03	1.04E+02	1.06E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
ND350P	3.32E-02	3.00E+00	-1.27E-02	3.05E+00	1.97E-06	0.00E+00	2.00E+03	3.30E-04	2.10E-03	2.24E-02	3.14E-03	1.23E+01	2.91E-07	3.48E-07	2.29E+01	9.08E-01	4.45E-03	1.32E-01	4.88E-02	5.72E-01	1.03E+02	3.40E+00	4.32E-07	2.19E-07	8.56E-03	2.22E-04	1.27E+00	7.83E-01	1.05E+02	3.14E-03	1.06E+02	1.07E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
ND363P	3.33E-02	3.01E+00	-1.15E-02	3.05E+00	1.93E-06	0.00E+00	1.97E+03	3.38E-04	2.10E-03	2.25E-02	3.13E-03	1.23E+01	2.91E-07	3.50E-07	2.40E+01	9.37E-01	4.45E-03	1.32E-01	4.91E-02	5.79E-01	1.01E+02	3.39E+00	4.85E-07	2.19E-07	8.58E-03	2.23E-04	1.28E+00	7.28E-01	1.05E+02	3.14E-03	1.04E+02	1.06E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
ND410P	1.07E-02	9.16E-01	-4.35E-03	8.94E-01	1.16E-06	0.00E+00	1.01E+03	2.19E-04	7.89E-04	8.93E-03	9.42E-04	7.16E+00	2.94E-07	1.86E-07	1.48E+01	5.92E-01	1.06E-03	4.99E-02	1.83E-02	8.67E-02	2.64E+01	1.05E+00	2.79E-07	6.90E-08	2.47E-03	2.43E-05	6.65E-01	4.17E-01	2.69E+01	3.22E-03	2.67E+01	2.68E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
ND416P	3.31E-02	3.36E+00	-2.69E-02	3.42E+00	2.08E-06	0.00E+00	2.31E+03	2.13E-04	2.44E-03	2.65E-02	3.92E-03	1.05E+01	2.81E-07	2.44E-07	1.69E+01	5.31E-01	5.57E-03	1.82E-01	5.11E-02	6.07E-01	1.19E+02	3.59E+00	5.06E-07	2.08E-07	1.01E-02	2.71E-04	1.03E+00	9.04E-01	1.21E+02	2.46E-03	1.21E+02	1.25E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
ND420P	1.05E-02	9.16E-01	-4.31E-03	8.94E-01	1.15E-06	0.00E+00	1.01E+03	2.37E-04	7.89E-04	8.93E-03	9.42E-04	7.80E+00	2.86E-07	1.97E-07	1.56E+01	6.10E-01	1.06E-03	4.99E-02	1.88E-02	8.68E-02	2.64E+01	1.07E+00	2.86E-07	6.76E-08	2.47E-03	2.43E-05	7.48E-01	4.17E-01	2.69E+01	3.12E-03	2.67E+01	2.68E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-01
ND425P	3.83E-02	3.37E+00	-1.62E-02	3.42E+00	2.08E-06	0.00E+00	2.29E+03	4.81E-04	2.51E-03	2.72E-02	3.97E-03	1.44E+01	2.81E-07	3.63E-07	2.49E+01	1.28E+00	5.64E-03	1.82E-01	5.81E-02	6.37E-01	1.15E+02	3.72E+00	5.34E-07	2.37E-07	1.02E-02	2.75E-04	1.37E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
ND432P	1.86E-02	9.16E-01	-4.06E-03	8.94E-01	1.14E-06	0.00E+00	1.01E+03	3.33E-04	7.89E-04	8.93E-03	9.42E-04	1.08E+01	2.86E-07	3.26E-07	2.24E+01	8.86E-01	1.06E-03	4.99E-02	2.48E-02	8.68E-02	2.64E+01	1.07E+00	4.00E-07	9.54E-08	2.47E-03	2.43E-05	1.24E+00	4.17E-01	2.69E+01	3.10E-03	2.67E+01	2.68E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+00
ND440P	4.50E-02	3.38E+00	-9.69E-03	3.43E+00	2.08E-06	0.00E+00	2.29E+03	4.88E-04	2.56E-03	2.76E-02	4.06E-03	2.05E+01	2.81E-07	4.69E-07	3.08E+01	1.31E+00	6.00E-03	1.82E-01	6.47E-02	7.49E-01	1.14E+02	3.72E+00	5.59E-07	2.93E-07	1.04E-02	2.80E-04	2.20E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	3.04E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
ND450P	4.53E-02	3.40E+00	-9.39E-03	3.43E+00	2.07E-06	0.00E+00	2.29E+03	5.00E-04	2.56E-03	2.78E-02	4.07E-03	2.08E+01	2.81E-07	4.77E-07	3.32E+01	1.36E+00	6.01E-03	1.82E-01	6.50E-02	7.59E-01	1.14E+02	3.73E+00	5.70E-07	2.95E-07	1.04E-02	2.83E-04	2.18E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
ND463P	1.87E-02	9.16E-01	-4.01E-03	8.94E-01	1.06E-06	0.00E+00	1.01E+03	3.40E-04	7.89E-04	8.93E-03	9.42E-04	1.09E+01	2.86E-07	3.26E-07	2.35E+01	9.13E-01	1.06E-03	4.99E-02	2.48E-02	8.68E-02	2.64E+01	1.07E+00	4.05E-07	9.54E-08	2.47E-03	2.43E-05	1.25E+00	4.17E-01	2.69E+01	3.10E-03	2.67E+01	2.68E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NDN002	8.69E-03	9.97E-01	-5.03E-03	1.04E+00	8.75E-07	0.00E+00	5.73E+02	5.12E-05	6.42E-04	6.46E-03	1.02E-03	2.33E+00	2.51E-08	7.95E-08	5.12E+00	1.38E-01	1.37E-03	4.33E-02	1.33E-02	2.65E-01	3.51E+01	1.16E+00	9.88E-08	5.82E-08	2.58E-03	1.17E-04	4.58E-01	2.22E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
NDN003	8.33E-03	9.96E-01	-5.05E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	4.89E-05	6.38E-04	6.44E-03	1.01E-03	2.07E+00	2.47E-08	7.92E-08	4.51E+00	1.30E-01	1.37E-03	4.33E-02	1.33E-02	2.63E-01	3.52E+01	1.15E+00	9.75E-08	5.74E-08	2.58E-03	1.16E-04	4.55E-01	2.20E-01	3.64E+01	3.45E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-01
NDN004	8.29E-03	9.95E-01	-5.09E-03	1.04E+00	8.75E-07	0.00E+00	5.75E+02	5.28E-05	6.42E-04	6.44E-03	1.02E-03	2.37E+00	2.51E-08	7.95E-08	5.11E+00	1.35E-01	1.37E-03	4.32E-02	1.33E-02	2.65E-01	3.48E+01	1.15E+00	9.87E-08	5.72E-08	2.57E-03	1.17E-04	4.72E-01	2.20E-01	3.58E+01	3.52E-04	3.58E+01	3.67E+01	6.64E-01	0.00E+00	0.00E+00	0.00E+00	5.44E-01
NDN006	6.83E-03	8.98E-01	-7.69E-03	9.10E-01	8.78E-07	0.00E+00	5.70E+02	4.53E-05	5.88E-04	6.09E-03	9.69E-04	1.80E+00	1.56E-08	4.74E-08	3.85E+00	1.16E-01	1.31E-03	4.24E-02	9.92E-03	1.57E-01	3.49E+01	1.01E+00	8.70E-08	4.52E-08	2.34E-03	5.56E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NDN010	7.11E-03	8.73E-01	-7.51E-03	8.76E-01	8.82E-07	0.00E+00	6.17E+02	4.52E-05	5.71E-04	5.99E-03	9.52E-04	1.84E+00	1.55E-08	4.69E-08	3.91E+00	1.16E-01	1.30E-03	4.24E-02	9.91E-03	1.56E-01	3.47E+01	9.97E-01	8.73E-08	4.64E-08	2.35E-03	5.54E-05	3.09E-01	2.18E-01	3.62E+01	4.06E-04	3.62E+01	3.67E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NDN013	6.85E-03	8.79E-01	-7.50E-03	8.83E-01	8.82E-07	0.00E+00	6.22E+02	4.52E-05	5.91E-04	6.13E-03	9.77E-04	1.96E+00	1.56E-08	4.80E-08	3.98E+00	1.18E-01	1.33E-03	4.24E-02	1.00E-02	1.57E-01	3.44E+01	9.94E-01	8.78E-08	4.53E-08	2.34E-03	5.64E-05	3.21E-01	2.18E-01	3.60E+01	4.44E-04	3.60E+01	3.64E+01	5.38E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NDN016	6.32E-03	8.41E-01	-7.56E-03	8.49E-01	9.18E-07	0.00E+00	6.14E+02	3.88E-05	5.33E-04	5.76E-03	9.84E-04	1.96E+00	1.24E-08	4.63E-08	4.00E+00	9.49E-02	1.33E-03	4.42E-02	9.70E-03	1.44E-01	3.48E+01	9.83E-01	8.60E-08	4.20E-08	2.16E-03	5.48E-05	2.95E-01	2.28E-01	3.58E+01	4.24E-04	3.58E+01	3.63E+01	5.23E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
NDN020	7.12E-03	8.64E-01	-5.89E-03	8.70E-01	9.31E-07	0.00E+00	6.16E+02	6.49E-05	5.58E-04	6.08E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.35E+00	1.74E-01	1.38E-03	4.51E-02	1.12E-02	1.51E-01	3.47E+01	9.85E-01	9.05E-08	4.68E-08	2.30E-03	5.71E-05	3.34E-01	2.32E-01	3.57E+01	4.31E-04	3.57E+01	3.62E+01	5.65E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-01
NDN025	7.14E-03	8.66E-01	-5.90E-03	8.72E-01	9.31E-07	0.00E+00	6.16E+02	6.48E-05	5.66E-04	6.16E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.33E+00	1.74E-01	1.38E-03	4.51E-02	1.12E-02	1.51E-01	3.46E+01	9.85E-01	9.05E-08	4.68E-08	2.32E-03	5.72E-05	3.19E-01	2.32E-01	3.56E+01	4.31E-04	3.56E+01	3.61E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-01
NDN032	9.05E-03	8.83E-01	-2.11E-03	8.85E-01	9.51E-07	0.00E+00	4.31E+02	1.00E-04	6.08E-04	6.47E-03	1.08E-03	3.93E+00	1.23E-08	1.03E-07	8.37E+00	2.84E-01	1.46E-03	4.66E-02	1.44E-02	1.55E-01	3.33E+01	1.00E+00	9.85E-08	5.91E-08	2.56E-03	6.07E-05	4.15E-01	2.37E-01	3.43E+01	4.73E-04	3.43E+01	3.50E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
NDN040	1.17E-02	8.67E-01	2.47E-03	8.65E-01	9.80E-07	0.00E+00	4.62E+02	1.56E-04	6.40E-04	6.91E-03	1.11E-03	5.94E+00	1.32E-08	1.41E-07	1.26E+01	4.50E-01	1.50E-03	4.49E-02	1.74E-02	1.54E-01	2.81E+01	1.05E+00	1.11E-07	7.48E-08	2.81E-03	6.34E-05	4.66E-01	2.40E-01	2.92E+01	5.67E-04	2.92E+01	2.99E+01	7.06E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NDN050	1.07E-02	9.07E-01	9.21E-04	9.03E-01	9.28E-07	0.00E+00	4.95E+02	1.32E-04	6.37E-04	6.94E-03	1.07E-03	4.82E+00	1.78E-08	1.15E-07	9.30E+00	3.53E-01	1.45E-03	4.34E-02	1.57E-02	1.69E-01	3.01E+01	1.04E+00	1.09E-07	6.66E-08	2.72E-03	6.55E-05	5.08E-01	2.23E-01	3.10E+01	5.41E-04	3.11E+01	3.20E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	6.55E-01
NDN063	1.22E-02	8.78E-01	2.87E-03	8.75E-01	9.80E-07	0.00E+00	4.34E+02	1.55E-04	6.55E-04	7.11E-03	1.11E-03	6.12E+00	1.38E-08	1.45E-07	1.30E+01	4.49E-01	1.50E-03	4.49E-02	1.80E-02	1.79E-01	2.88E+01	1.01E+00	1.11E-07	7.85E-08	2.88E-03	6.76E-05	5.42E-01	2.40E-01	2.98E+01	5.69E-04	2.98E+01	3.06E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
NDN100	8.20E-03	9.98E-01	-5.01E-03	1.04E+00	8.25E-07	0.00E+00	5.69E+02	4.85E-05	6.31E-04	6.34E-03	9.99E-04	1.87E+00	2.14E-08	8.00E-08	4.41E+00	1.34E-01	1.35E-03	4.29E-02	1.30E-02	2.57E-01	3.51E+01	1.14E+00	9.91E-08	5.74E-08	2.56E-03	1.14E-04	4.48E-01	2.20E-01	3.64E+01	3.50E-04	3.64E+01	3.69E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	5.34E-01
NDN100A	8.27E-03	1.00E+00	-4.67E-03	1.04E+00	8.40E-07	0.00E+00	5.64E+02	5.61E-05	6.39E-04	6.42E-03	1.01E-03	2.18E+00	2.52E-08	8.08E-08	4.73E+00	1.60E-01	1.37E-03	4.34E-02	1.33E-02	2.63E-01	3.51E+01	1.15E+00	9.90E-08	5.79E-08	2.58E-03	1.16E-04	4.59E-01	2.20E-01	3.64E+01	3.55E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NDN100N	9.05E-03	9.98E-01	-2.08E-02	9.83E-01	1.28E-06	0.00E+00	1.12E+03	4.41E-05	6.89E-04	7.43E-03	1.04E-03	2.32E+00	4.80E-08	6.10E-08	4.93E+00	1.04E-01	1.45E-03	5.50E-02	1.23E-02	1.98E-01	3.53E+01	1.09E+00	2.92E-07	5.94E-08	2.79E-03	8.37E-05	4.61E-01	4.55E-01	3.60E+01	3.03E-04	3.61E+01	3.73E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NDN101	8.13E-03	1.00E+00	-5.03E-03	1.04E+00	8.24E-07	0.00E+00	5.44E+02	4.73E-05	6.40E-04	6.41E-03	1.01E-03	1.85E+00	2.52E-08	8.03E-08	4.33E+00	1.27E-01	1.37E-03	4.31E-02	1.31E-02	2.59E-01	3.52E+01	1.16E+00	9.83E-08	5.75E-08	2.57E-03	1.16E-04	4.49E-01	2.20E-01	3.64E+01	3.45E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.32E-01
NDN101A	8.13E-03	1.00E+00	-5.02E-03	1.04E+00	8.38E-07	0.00E+00	5.40E+02	4.73E-05	6.40E-04	6.40E-03	1.01E-03	1.85E+00	2.52E-08	8.03E-08	4.33E+00	1.27E-01	1.37E-03	4.30E-02	1.31E-02	2.59E-01	3.52E+01	1.16E+00	9.73E-08	5.75E-08	2.56E-03	1.16E-04	4.57E-01	2.20E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.31E-01
NDN101N	9.05E-03	9.98E-01	-1.12E-02	9.83E-01	1.24E-06	0.00E+00	1.12E+03	4.41E-05	6.89E-04	7.43E-03	1.04E-03	2.27E+00	3.42E-08	6.01E-08	4.93E+00	1.05E-01	1.45E-03	5.44E-02	1.23E-02	1.98E-01	3.53E+01	1.09E+00	2.89E-07	5.94E-08	2.79E-03	8.37E-05	4.29E-01	2.71E-01	3.60E+01	3.01E-04	3.61E+01	3.73E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NDN102	8.27E-03	9.97E-01	-5.03E-03	1.04E+00	8.75E-07	0.00E+00	5.73E+02	5.10E-05	6.41E-04	6.44E-03	1.02E-03	2.33E+00	2.51E-08	7.95E-08	5.12E+00	1.37E-01	1.37E-03	4.32E-02	1.33E-02	2.65E-01	3.51E+01	1.15E+00	9.88E-08	5.73E-08	2.58E-03	1.17E-04	4.58E-01	2.22E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NDN102A	8.27E-03	9.98E-01	-4.72E-03	1.04E+00	8.90E-07	0.00E+00	5.72E+02	5.69E-05	6.36E-04	6.41E-03	1.01E-03	2.51E+00	2.47E-08	7.94E-08	5.29E+00	1.61E-01	1.37E-03	4.34E-02	1.33E-02	2.63E-01	3.51E+01	1.15E+00	9.86E-08	5.74E-08	2.57E-03	1.16E-04	4.64E-01	2.20E-01	3.64E+01	3.55E-04	3.64E+01	3.69E+01	6.53E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NDN102N	9.04E-03	9.99E-01	-1.12E-02	9.82E-01	1.26E-06	0.00E+00	1.12E+03	4.39E-05	6.88E-04	7.42E-03	1.04E-03	2.26E+00	3.34E-08	6.01E-08	4.91E+00	1.04E-01	1.45E-03	5.44E-02	1.23E-02	1.98E-01	3.53E+01	1.08E+00	2.89E-07	5.95E-08	2.79E-03	8.39E-05	4.31E-01	2.71E-01	3.61E+01	3.01E-04	3.62E+01	3.74E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-01
NDN103	8.73E-03	9.96E-01	-5.05E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	5.00E-05	6.44E-04	6.49E-03	1.02E-03	2.35E+00	2.51E-08	7.93E-08	5.10E+00	1.32E-01	1.37E-03	4.33E-02	1.33E-02	2.65E-01	3.51E+01	1.16E+00	9.78E-08	5.83E-08	2.58E-03	1.17E-04	4.55E-01	2.22E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-01
NDN103A	8.33E-03	9.98E-01	-5.04E-03	1.04E+00	8.88E-07	0.00E+00	5.50E+02	5.00E-05	6.43E-04	6.46E-03	1.02E-03	2.34E+00	2.51E-08	7.93E-08	5.10E+00	1.31E-01	1.37E-03	4.33E-02	1.33E-02	2.65E-01	3.52E+01	1.16E+00	9.70E-08	5.74E-08	2.57E-03	1.17E-04	4.62E-01	2.20E-01	3.64E+01	3.48E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
NDN103N	9.20E-03	9.99E-01	-1.12E-02	9.82E-01	1.26E-06	0.00E+00	1.12E+03	4.39E-05	6.88E-04	7.45E-03	1.04E-03	2.27E+00	3.34E-08	6.04E-08	4.91E+00	1.04E-01	1.45E-03	5.45E-02	1.24E-02	1.98E-01	3.53E+01	1.08E+00	2.89E-07	5.95E-08	2.79E-03	8.39E-05	4.31E-01	2.71E-01	3.61E+01	3.01E-04	3.62E+01	3.74E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-01
NDN104	8.23E-03	9.95E-01	-5.11E-03	1.04E+00	8.75E-07	0.00E+00	5.75E+02	4.96E-05	6.37E-04	6.40E-03	1.01E-03	2.03E+00	2.47E-08	7.94E-08	4.49E+00	1.34E-01	1.37E-03	4.30E-02	1.31E-02	2.62E-01	3.48E+01	1.15E+00	9.84E-08	5.70E-08	2.56E-03	1.16E-04	4.72E-01	2.20E-01	3.58E+01	3.51E-04	3.58E+01	3.67E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
NDN104A	8.23E-03	9.94E-01	-4.81E-03	1.04E+00	8.90E-07	0.00E+00	5.74E+02	5.51E-05	6.30E-04	6.36E-03	1.01E-03	2.17E+00	2.47E-08	7.94E-08	4.64E+00	1.57E-01	1.36E-03	4.31E-02	1.32E-02	2.62E-01	3.48E+01	1.14E+00	9.81E-08	5.72E-08	2.55E-03	1.16E-04	4.76E-01	2.20E-01	3.58E+01	3.53E-04	3.58E+01	3.67E+01	6.60E-01	0.00E+00	0.00E+00	0.00E+00	5.39E-01
NDN104N	9.23E-03	9.97E-01	-1.13E-02	9.80E-01	1.26E-06	0.00E+00	1.12E+03	4.60E-05	6.90E-04	7.46E-03	1.04E-03	2.27E+00	3.33E-08	6.05E-08	4.87E+00	1.04E-01	1.45E-03	5.45E-02	1.24E-02	1.98E-01	3.49E+01	1.08E+00	2.74E-07	5.97E-08	2.79E-03	8.40E-05	4.44E-01	2.71E-01	3.56E+01	3.00E-04	3.56E+01	3.69E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
NDN106	6.82E-03	8.96E-01	-7.69E-03	9.09E-01	8.78E-07	0.00E+00	5.70E+02	4.49E-05	5.80E-04	6.02E-03	9.62E-04	1.80E+00	1.56E-08	4.71E-08	3.87E+00	1.16E-01	1.31E-03	4.24E-02	9.91E-03	1.57E-01	3.49E+01	1.01E+00	8.70E-08	4.54E-08	2.33E-03	5.55E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.39E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NDN106A	7.05E-03	8.97E-01	-7.25E-03	9.08E-01	8.94E-07	0.00E+00	5.69E+02	5.09E-05	5.70E-04	5.99E-03	9.49E-04	2.00E+00	1.56E-08	4.72E-08	4.04E+00	1.44E-01	1.29E-03	4.26E-02	9.91E-03	1.53E-01	3.50E+01	1.01E+00	8.72E-08	4.63E-08	2.34E-03	5.47E-05	3.24E-01	2.19E-01	3.63E+01	4.03E-04	3.63E+01	3.68E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-01
NDN106N	6.19E-03	8.57E-01	-1.19E-02	8.48E-01	1.26E-06	0.00E+00	1.12E+03	3.27E-05	6.25E-04	6.79E-03	8.31E-04	1.21E+00	3.32E-08	3.54E-08	2.55E+00	7.91E-02	1.17E-03	4.91E-02	7.11E-03	1.42E-01	3.65E+01	1.04E+00	2.87E-07	3.98E-08	2.08E-03	7.65E-05	2.83E-01	2.53E-01	3.70E+01	1.67E-04	3.70E+01	3.83E+01	6.74E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-01
NDN106P	8.84E-03	1.06E+00	-2.12E-02	1.06E+00	9.17E-07	0.00E+00	1.30E+03	5.92E-05	8.89E-04	9.69E-03	9.87E-04	2.12E+00	1.87E-08	5.61E-08	4.25E+00	1.43E-01	1.38E-03	5.24E-02	1.21E-02	2.02E-01	3.65E+01	1.30E+00	1.36E-07	5.97E-08	3.88E-03	6.25E-05	3.88E-01	4.19E-01	3.78E+01	2.10E-04	3.81E+01	3.92E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	5.15E-01
NDN110	7.18E-03	8.71E-01	-8.24E-03	8.85E-01	9.03E-07	0.00E+00	6.15E+02	4.28E-05	5.83E-04	6.30E-03	9.47E-04	1.84E+00	1.48E-08	4.68E-08	3.93E+00	9.91E-02	1.29E-03	4.46E-02	9.97E-03	1.65E-01	3.50E+01	9.96E-01	8.74E-08	4.70E-08	2.40E-03	5.61E-05	2.98E-01	2.44E-01	3.65E+01	3.89E-04	3.65E+01	3.70E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
NDN110A	7.19E-03	8.77E-01	-7.57E-03	8.82E-01	8.96E-07	0.00E+00	6.18E+02	4.59E-05	6.46E-04	6.71E-03	9.44E-04	1.91E+00	1.50E-08	4.72E-08	4.03E+00	1.16E-01	1.28E-03	4.24E-02	9.90E-03	1.56E-01	3.49E+01	9.96E-01	8.66E-08	4.79E-08	2.49E-03	5.43E-05	3.06E-01	2.34E-01	3.62E+01	3.87E-04	3.62E+01	3.67E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	4.23E-01
NDN110N	8.21E-03	1.12E+00	-3.75E-02	1.18E+00	1.31E-06	0.00E+00	9.29E+02	6.50E-05	7.92E-04	8.66E-03	9.96E-04	2.21E+00	2.82E-08	6.97E-08	4.77E+00	1.17E-01	1.40E-03	5.91E-02	1.75E-02	2.22E-01	3.71E+01	1.34E+00	4.16E-07	5.69E-08	2.83E-03	6.36E-05	3.96E-01	6.48E-01	3.82E+01	2.59E-04	3.83E+01	4.17E+01	9.41E-01	0.00E+00	0.00E+00	0.00E+00	5.60E-01
NDN110P	8.33E-03	1.02E+00	-9.48E-03	1.03E+00	4.21E-07	0.00E+00	6.68E+02	3.64E-05	7.85E-04	8.57E-03	9.07E-04	1.89E+00	1.66E-08	4.77E-08	4.02E+00	7.59E-02	1.28E-03	5.23E-02	1.18E-02	1.95E-01	3.71E+01	1.14E+00	1.29E-07	5.64E-08	3.77E-03	5.81E-05	3.47E-01	3.23E-01	3.78E+01	1.85E-04	3.81E+01	3.86E+01	7.05E-01	0.00E+00	0.00E+00	0.00E+00	4.96E-01
NDN113	7.14E-03	8.73E-01	-7.59E-03	8.77E-01	8.82E-07	0.00E+00	6.21E+02	4.53E-05	5.71E-04	6.00E-03	9.51E-04	1.97E+00	1.56E-08	4.75E-08	3.96E+00	1.17E-01	1.29E-03	4.24E-02	9.99E-03	1.56E-01	3.46E+01	9.94E-01	8.77E-08	4.65E-08	2.35E-03	5.57E-05	2.94E-01	2.35E-01	3.62E+01	3.93E-04	3.62E+01	3.66E+01	5.42E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NDN116	7.17E-03	8.67E-01	-7.90E-03	8.72E-01	8.82E-07	0.00E+00	6.23E+02	4.42E-05	5.89E-04	6.32E-03	9.56E-04	2.00E+00	1.49E-08	4.76E-08	3.99E+00	1.04E-01	1.30E-03	4.24E-02	9.98E-03	1.60E-01	3.44E+01	9.93E-01	8.77E-08	4.65E-08	2.32E-03	5.54E-05	2.99E-01	2.35E-01	3.56E+01	3.97E-04	3.56E+01	3.64E+01	5.50E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NDN116A	7.12E-03	8.71E-01	-7.69E-03	8.70E-01	8.96E-07	0.00E+00	6.23E+02	4.62E-05	5.72E-04	5.98E-03	9.55E-04	2.03E+00	1.56E-08	4.76E-08	4.07E+00	1.20E-01	1.29E-03	4.24E-02	9.97E-03	1.54E-01	3.44E+01	9.91E-01	8.70E-08	4.63E-08	2.33E-03	5.48E-05	3.04E-01	2.35E-01	3.56E+01	3.95E-04	3.56E+01	3.64E+01	5.45E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
NDN116N	7.20E-03	1.06E+00	-1.36E-02	1.11E+00	1.24E-06	0.00E+00	1.10E+03	5.41E-05	6.29E-04	7.06E-03	8.86E-04	1.76E+00	2.13E-08	4.89E-08	3.30E+00	9.53E-02	1.21E-03	5.31E-02	1.67E-02	1.39E-01	3.73E+01	1.07E+00	4.19E-07	5.07E-08	2.31E-03	5.85E-05	2.70E-01	2.59E-01	3.80E+01	1.79E-04	3.80E+01	4.11E+01	5.72E-01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
NDN116P	8.42E-03	1.01E+00	-9.49E-03	1.03E+00	4.10E-07	0.00E+00	6.69E+02	3.70E-05	7.85E-04	8.57E-03	9.27E-04	1.98E+00	1.67E-08	4.91E-08	4.01E+00	8.17E-02	1.31E-03	5.11E-02	1.20E-02	1.96E-01	3.70E+01	1.13E+00	1.25E-07	5.54E-08	3.78E-03	5.81E-05	3.41E-01	2.70E-01	3.77E+01	1.90E-04	3.77E+01	3.87E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	5.01E-01
NDN120	7.03E-03	8.88E-01	-6.97E-03	8.98E-01	8.87E-07	0.00E+00	6.23E+02	5.49E-05	8.40E-04	9.09E-03	1.00E-03	2.09E+00	2.12E-08	5.53E-08	4.26E+00	1.67E-01	1.36E-03	4.26E-02	1.04E-02	1.59E-01	3.39E+01	9.94E-01	8.91E-08	4.62E-08	2.51E-03	5.72E-05	3.14E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
NDN120A	7.36E-03	8.87E-01	-6.50E-03	8.94E-01	9.31E-07	0.00E+00	6.20E+02	6.48E-05	6.04E-04	6.61E-03	1.02E-03	2.57E+00	1.30E-08	5.95E-08	5.27E+00	1.74E-01	1.38E-03	4.32E-02	1.11E-02	1.55E-01	3.38E+01	9.90E-01	9.07E-08	4.78E-08	2.42E-03	5.72E-05	3.16E-01	2.39E-01	3.48E+01	4.31E-04	3.48E+01	3.54E+01	5.55E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
NDN120N	7.54E-03	1.09E+00	-1.35E-02	1.13E+00	1.24E-06	0.00E+00	1.10E+03	6.23E-05	6.56E-04	7.33E-03	9.19E-04	2.00E+00	2.11E-08	5.59E-08	4.08E+00	1.12E-01	1.27E-03	5.34E-02	1.72E-02	2.01E-01	3.61E+01	1.06E+00	4.18E-07	5.43E-08	2.73E-03	6.22E-05	3.73E-01	2.64E-01	3.69E+01	2.20E-04	3.69E+01	4.03E+01	8.69E-01	0.00E+00	0.00E+00	0.00E+00	5.35E-01
NDN120P	8.71E-03	1.03E+00	-9.62E-03	1.04E+00	4.43E-07	0.00E+00	6.81E+02	4.15E-05	8.08E-04	8.75E-03	9.79E-04	1.99E+00	1.67E-08	5.88E-08	4.06E+00	8.96E-02	1.37E-03	5.25E-02	1.22E-02	2.03E-01	3.69E+01	1.15E+00	1.40E-07	5.66E-08	3.80E-03	6.08E-05	3.65E-01	3.69E-01	3.74E+01	1.96E-04	3.76E+01	3.85E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
NDN125	9.16E-03	8.91E-01	-3.09E-03	8.89E-01	8.94E-07	0.00E+00	6.11E+02	8.01E-05	6.13E-04	6.48E-03	1.00E-03	3.33E+00	1.59E-08	8.59E-08	6.57E+00	2.17E-01	1.35E-03	4.27E-02	1.33E-02	1.61E-01	3.35E+01	9.96E-01	9.18E-08	5.67E-08	2.56E-03	6.13E-05	4.38E-01	2.38E-01	3.49E+01	4.37E-04	3.49E+01	3.55E+01	6.90E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
NDN125A	8.79E-03	8.90E-01	-3.87E-03	8.93E-01	9.36E-07	0.00E+00	6.02E+02	7.78E-05	6.16E-04	6.70E-03	1.00E-03	3.26E+00	1.52E-08	8.54E-08	6.57E+00	2.12E-01	1.36E-03	4.28E-02	1.32E-02	1.56E-01	3.34E+01	9.95E-01	9.15E-08	5.57E-08	2.55E-03	6.02E-05	4.23E-01	2.38E-01	3.49E+01	4.40E-04	3.49E+01	3.55E+01	6.89E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
NDN125N	8.36E-03	1.14E+00	-1.33E-02	1.19E+00	1.23E-06	0.00E+00	1.10E+03	7.25E-05	6.69E-04	7.49E-03	9.49E-04	2.31E+00	2.05E-08	7.38E-08	4.12E+00	1.32E-01	1.31E-03	5.56E-02	1.74E-02	2.19E-01	3.60E+01	1.09E+00	4.60E-07	5.73E-08	2.88E-03	6.40E-05	4.16E-01	2.67E-01	3.68E+01	2.78E-04	3.68E+01	4.03E+01	9.27E-01	0.00E+00	0.00E+00	0.00E+00	5.66E-01
NDN125P	8.73E-03	1.03E+00	-9.24E-03	1.04E+00	4.43E-07	0.00E+00	6.81E+02	4.19E-05	8.08E-04	8.75E-03	9.79E-04	2.00E+00	1.67E-08	5.87E-08	4.07E+00	8.96E-02	1.37E-03	5.27E-02	1.22E-02	2.03E-01	3.69E+01	1.15E+00	1.42E-07	5.72E-08	3.80E-03	6.13E-05	3.84E-01	3.70E-01	3.74E+01	1.95E-04	3.76E+01	3.84E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	5.26E-01
NDN132	9.96E-03	9.06E-01	-2.05E-03	9.03E-01	9.02E-07	0.00E+00	5.34E+02	1.10E-04	6.31E-04	6.77E-03	1.05E-03	4.24E+00	1.62E-08	1.08E-07	8.90E+00	3.05E-01	1.42E-03	4.42E-02	1.41E-02	1.65E-01	3.29E+01	1.01E+00	9.77E-08	6.25E-08	2.63E-03	6.29E-05	4.83E-01	2.22E-01	3.41E+01	4.80E-04	3.41E+01	3.50E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-01
NDN132A	9.96E-03	9.05E-01	-2.08E-03	9.02E-01	9.15E-07	0.00E+00	5.34E+02	1.09E-04	6.31E-04	6.78E-03	1.05E-03	4.22E+00	1.62E-08	1.08E-07	8.86E+00	3.02E-01	1.42E-03	4.41E-02	1.41E-02	1.63E-01	3.29E+01	1.01E+00	9.66E-08	6.25E-08	2.62E-03	6.20E-05	4.84E-01	2.23E-01	3.41E+01	4.82E-04	3.41E+01	3.50E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	6.22E-01
NDN132N	1.00E-02	9.62E-01	-7.72E-03	9.55E-01	1.29E-06	0.00E+00	1.12E+03	7.94E-05	6.75E-04	7.33E-03	1.03E-03	4.66E+00	3.18E-08	1.17E-07	7.99E+00	1.82E-01	1.44E-03	5.50E-02	1.42E-02	1.80E-01	3.50E+01	1.08E+00	2.77E-07	6.69E-08	2.91E-03	8.89E-05	6.18E-01	2.70E-01	3.60E+01	3.38E-04	3.60E+01	3.72E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-01
NDN132P	1.10E-02	1.07E+00	-1.91E-02	1.07E+00	9.11E-07	0.00E+00	1.09E+03	6.80E-05	8.51E-04	9.59E-03	1.08E-03	2.92E+00	1.55E-08	8.48E-08	5.49E+00	1.47E-01	1.49E-03	5.31E-02	1.41E-02	2.03E-01	3.51E+01	1.20E+00	1.37E-07	7.07E-08	4.03E-03	6.86E-05	4.72E-01	4.14E-01	3.56E+01	2.39E-04	3.58E+01	3.68E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
NDN140	1.05E-02	9.04E-01	-6.63E-04	9.02E-01	9.11E-07	0.00E+00	4.80E+02	1.11E-04	6.34E-04	6.95E-03	1.06E-03	4.88E+00	1.62E-08	1.21E-07	9.65E+00	3.18E-01	1.43E-03	4.35E-02	1.44E-02	1.69E-01	3.14E+01	1.03E+00	1.01E-07	6.47E-08	2.71E-03	6.47E-05	5.04E-01	2.23E-01	3.29E+01	5.25E-04	3.29E+01	3.35E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
NDN140A	1.17E-02	8.56E-01	2.67E-03	8.53E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.43E-04	6.94E-03	1.10E-03	5.94E+00	1.32E-08	1.43E-07	1.27E+01	4.51E-01	1.49E-03	4.29E-02	1.74E-02	1.65E-01	2.76E+01	1.05E+00	1.10E-07	7.53E-08	2.80E-03	6.66E-05	5.13E-01	2.40E-01	2.87E+01	5.67E-04	2.87E+01	2.94E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NDN140N	1.03E-02	9.62E-01	-7.61E-03	9.55E-01	1.29E-06	0.00E+00	1.12E+03	8.03E-05	6.75E-04	7.43E-03	1.03E-03	4.69E+00	3.18E-08	1.20E-07	8.08E+00	1.87E-01	1.44E-03	5.49E-02	1.42E-02	1.80E-01	3.47E+01	1.08E+00	2.77E-07	6.83E-08	2.93E-03	8.93E-05	6.54E-01	2.70E-01	3.60E+01	3.41E-04	3.60E+01	3.71E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-01
NDN140P	1.15E-02	1.06E+00	-2.08E-02	1.06E+00	9.36E-07	0.00E+00	1.31E+03	6.90E-05	9.19E-04	1.01E-02	1.07E-03	3.03E+00	1.87E-08	8.65E-08	5.55E+00	1.45E-01	1.52E-03	5.31E-02	1.36E-02	2.02E-01	3.48E+01	1.31E+00	1.37E-07	7.39E-08	4.06E-03	6.94E-05	4.65E-01	4.20E-01	3.53E+01	2.39E-04	3.55E+01	3.65E+01	8.21E-01	0.00E+00	0.00E+00	0.00E+00	5.68E-01
NDN150	1.09E-02	1.01E+00	-3.71E-03	9.78E-01	1.06E-06	0.00E+00	4.20E+02	1.31E-04	7.94E-04	8.45E-03	1.07E-03	4.44E+00	1.86E-08	1.11E-07	9.16E+00	3.85E-01	1.46E-03	5.15E-02	1.57E-02	1.78E-01	3.14E+01	1.15E+00	1.29E-07	6.92E-08	2.83E-03	6.85E-05	5.00E-01	3.11E-01	3.20E+01	1.39E-03	3.22E+01	3.32E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
NDN150A	1.08E-02	9.07E-01	1.27E-03	9.03E-01	9.42E-07	0.00E+00	4.85E+02	1.36E-04	6.38E-04	6.96E-03	1.06E-03	4.93E+00	1.78E-08	1.16E-07	9.61E+00	3.75E-01	1.44E-03	4.36E-02	1.55E-02	1.67E-01	3.02E+01	1.03E+00	1.08E-07	6.66E-08	2.73E-03	6.50E-05	5.09E-01	2.24E-01	3.11E+01	5.46E-04	3.11E+01	3.22E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-01
NDN150N	1.03E-02	9.86E-01	-5.73E-03	9.74E-01	1.31E-06	0.00E+00	1.12E+03	1.07E-04	7.25E-04	7.92E-03	1.07E-03	4.71E+00	3.42E-08	1.13E-07	7.04E+00	2.35E-01	1.50E-03	5.50E-02	1.50E-02	1.98E-01	3.15E+01	1.09E+00	2.85E-07	6.89E-08	3.05E-03	9.00E-05	6.55E-01	2.71E-01	3.24E+01	3.32E-04	3.25E+01	3.33E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NDN163	1.24E-02	1.01E+00	-1.32E-02	9.87E-01	1.08E-06	0.00E+00	1.22E+03	1.40E-04	8.81E-04	9.50E-03	1.14E-03	6.10E+00	2.03E-08	1.31E-07	1.32E+01	4.16E-01	1.53E-03	5.19E-02	1.63E-02	1.81E-01	3.20E+01	1.32E+00	1.29E-07	7.97E-08	2.95E-03	7.09E-05	4.99E-01	4.10E-01	3.23E+01	1.40E-03	3.26E+01	3.37E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	6.85E-01
NDN163A	1.24E-02	9.11E-01	2.25E-03	9.08E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	7.03E-04	7.66E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.52E-03	4.29E-02	1.80E-02	1.84E-01	2.82E+01	1.05E+00	1.12E-07	7.98E-08	3.02E-03	6.77E-05	5.39E-01	2.49E-01	2.92E+01	5.69E-04	2.92E+01	3.00E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
NDN163N	1.23E-02	9.85E-01	-5.12E-03	9.73E-01	1.32E-06	0.00E+00	1.12E+03	1.29E-04	7.25E-04	7.94E-03	1.07E-03	6.24E+00	3.43E-08	1.46E-07	1.22E+01	3.04E-01	1.51E-03	5.50E-02	1.63E-02	2.01E-01	3.14E+01	1.09E+00	2.85E-07	8.07E-08	3.07E-03	9.05E-05	6.76E-01	2.71E-01	3.24E+01	3.86E-04	3.25E+01	3.33E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-01
NDN163P	1.23E-02	1.07E+00	-2.06E-02	1.06E+00	9.21E-07	0.00E+00	1.34E+03	9.99E-05	9.13E-04	1.01E-02	1.10E-03	5.83E+00	1.80E-08	1.23E-07	1.23E+01	2.54E-01	1.53E-03	5.29E-02	1.56E-02	2.05E-01	3.12E+01	1.33E+00	1.40E-07	7.75E-08	4.09E-03	7.07E-05	4.93E-01	4.14E-01	3.24E+01	3.27E-04	3.28E+01	3.42E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-01
NDN200	2.18E-02	1.87E+00	-5.87E-03	1.85E+00	1.25E-06	0.00E+00	1.12E+03	7.40E-05	1.29E-03	1.33E-02	1.96E-03	2.61E+00	2.69E-08	1.02E-07	5.67E+00	2.12E-01	2.75E-03	8.82E-02	3.38E-02	3.73E-01	6.35E+01	1.46E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	7.09E-01	2.71E-01	6.57E+01	8.45E-04	6.52E+01	6.66E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN200A	2.20E-02	1.88E+00	-5.80E-03	1.87E+00	1.37E-06	0.00E+00	1.12E+03	7.50E-05	1.29E-03	1.33E-02	1.96E-03	2.60E+00	2.69E-08	1.02E-07	5.68E+00	2.13E-01	2.74E-03	8.75E-02	3.42E-02	3.75E-01	6.34E+01	1.47E+00	2.57E-07	1.37E-07	6.03E-03	1.40E-04	7.14E-01	2.73E-01	6.55E+01	8.42E-04	6.50E+01	6.65E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN200N	1.93E-02	1.91E+00	-3.75E-02	1.92E+00	1.58E-06	0.00E+00	1.35E+03	5.87E-05	1.53E-03	1.61E-02	1.75E-03	2.46E+00	4.67E-08	8.34E-08	5.10E+00	1.30E-01	2.87E-03	1.07E-01	2.72E-02	3.75E-01	6.39E+01	2.09E+00	3.29E-07	1.28E-07	5.76E-03	1.33E-04	7.13E-01	6.02E-01	6.69E+01	3.26E-04	6.68E+01	6.78E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NDN201	2.18E-02	1.87E+00	-6.65E-03	1.85E+00	1.26E-06	0.00E+00	1.12E+03	6.13E-05	1.29E-03	1.33E-02	1.96E-03	2.50E+00	2.69E-08	1.00E-07	5.46E+00	1.75E-01	2.73E-03	8.68E-02	3.54E-02	3.75E-01	6.42E+01	1.47E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	7.00E-01	2.79E-01	6.64E+01	8.23E-04	6.58E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN201N	1.93E-02	1.90E+00	-3.75E-02	1.92E+00	1.39E-06	0.00E+00	1.35E+03	5.67E-05	1.53E-03	1.62E-02	1.72E-03	2.45E+00	4.68E-08	8.37E-08	5.10E+00	1.27E-01	2.79E-03	1.07E-01	2.72E-02	3.72E-01	6.38E+01	2.09E+00	3.43E-07	1.28E-07	5.76E-03	1.33E-04	7.10E-01	6.00E-01	6.69E+01	3.26E-04	6.68E+01	6.78E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NDN202	2.18E-02	1.87E+00	-8.84E-04	1.85E+00	1.26E-06	0.00E+00	1.12E+03	1.56E-04	1.27E-03	1.31E-02	1.96E-03	4.42E+00	2.75E-08	1.40E-07	8.58E+00	4.09E-01	2.73E-03	8.68E-02	3.55E-02	3.75E-01	6.42E+01	1.47E+00	2.59E-07	1.37E-07	6.02E-03	1.40E-04	8.58E-01	2.51E-01	6.64E+01	8.66E-04	6.58E+01	6.75E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00

NDN202A	2.20E-02	1.88E+00	-4.94E-04	1.87E+00	1.36E-06	0.00E+00	1.12E+03	1.58E-04	1.27E-03	1.31E-02	1.96E-03	4.57E+00	2.75E-08	1.41E-07	8.77E+00	4.28E-01	2.73E-03	8.66E-02	3.58E-02	3.77E-01	6.40E+01	1.47E+00	2.57E-07	1.38E-07	6.04E-03	1.40E-04	8.61E-01	2.64E-01	6.62E+01	8.54E-04	6.56E+01	6.75E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NDN202N	1.93E-02	1.90E+00	-3.74E-02	1.92E+00	1.42E-06	0.00E+00	1.36E+03	7.62E-05	1.53E-03	1.62E-02	1.72E-03	5.00E+00	4.78E-08	1.29E-07	6.46E+00	1.72E-01	2.79E-03	1.07E-01	2.76E-02	3.72E-01	6.39E+01	2.09E+00	3.31E-07	1.29E-07	5.77E-03	1.34E-04	8.68E-01	6.02E-01	6.69E+01	3.47E-04	6.68E+01	6.78E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NDN202P	1.84E-02	1.80E+00	-3.31E-02	1.84E+00	1.15E-06	0.00E+00	1.62E+03	1.05E-04	1.58E-03	1.69E-02	1.83E-03	3.27E+00	3.05E-07	1.00E-07	5.97E+00	2.61E-01	2.78E-03	1.01E-01	2.60E-02	3.52E-01	6.33E+01	2.21E+00	2.83E-07	1.18E-07	5.61E-03	1.31E-04	7.22E-01	6.95E-01	6.61E+01	3.54E-03	6.62E+01	6.85E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NDN203	2.17E-02	1.87E+00	-8.69E-04	1.85E+00	1.26E-06	0.00E+00	1.15E+03	1.48E-04	1.27E-03	1.31E-02	1.89E-03	4.10E+00	2.72E-08	1.32E-07	7.95E+00	3.64E-01	2.68E-03	8.68E-02	3.21E-02	3.74E-01	6.40E+01	1.48E+00	2.59E-07	1.36E-07	6.02E-03	1.41E-04	8.44E-01	2.52E-01	6.63E+01	8.46E-04	6.57E+01	6.73E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NDN203N	1.93E-02	1.90E+00	-3.74E-02	1.92E+00	1.43E-06	0.00E+00	1.36E+03	7.01E-05	1.53E-03	1.62E-02	1.72E-03	4.88E+00	4.76E-08	1.26E-07	6.13E+00	1.43E-01	2.79E-03	1.07E-01	2.76E-02	3.72E-01	6.38E+01	2.09E+00	3.31E-07	1.28E-07	5.79E-03	1.34E-04	8.64E-01	6.02E-01	6.65E+01	3.47E-04	6.63E+01	6.74E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NDN204	2.19E-02	1.87E+00	-2.21E-03	1.85E+00	1.28E-06	0.00E+00	1.12E+03	1.53E-04	1.29E-03	1.33E-02	1.96E-03	4.24E+00	2.84E-08	1.37E-07	8.87E+00	3.87E-01	2.73E-03	8.72E-02	3.55E-02	3.76E-01	6.40E+01	1.47E+00	2.59E-07	1.37E-07	6.03E-03	1.41E-04	8.63E-01	2.71E-01	6.61E+01	8.53E-04	6.56E+01	6.73E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN204A	2.21E-02	1.88E+00	-1.34E-04	1.87E+00	1.37E-06	0.00E+00	1.12E+03	1.61E-04	1.27E-03	1.31E-02	1.96E-03	4.74E+00	2.74E-08	1.42E-07	9.92E+00	4.33E-01	2.73E-03	8.70E-02	3.58E-02	3.77E-01	6.39E+01	1.47E+00	2.57E-07	1.37E-07	6.05E-03	1.41E-04	8.65E-01	2.73E-01	6.60E+01	8.55E-04	6.54E+01	6.72E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN204N	1.94E-02	1.90E+00	-3.74E-02	1.92E+00	1.45E-06	0.00E+00	1.36E+03	7.58E-05	1.53E-03	1.62E-02	1.71E-03	4.97E+00	4.77E-08	1.27E-07	7.13E+00	1.69E-01	2.79E-03	1.07E-01	2.76E-02	3.73E-01	6.38E+01	2.09E+00	3.33E-07	1.28E-07	5.80E-03	1.34E-04	8.84E-01	6.02E-01	6.65E+01	3.53E-04	6.63E+01	6.75E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NDN206	1.90E-02	1.83E+00	-7.36E-03	1.82E+00	1.24E-06	0.00E+00	1.19E+03	6.79E-05	1.27E-03	1.32E-02	1.76E-03	2.44E+00	1.70E-08	6.97E-08	5.07E+00	1.94E-01	2.43E-03	8.72E-02	2.13E-02	3.48E-01	6.36E+01	1.45E+00	2.57E-07	1.19E-07	5.83E-03	1.38E-04	6.01E-01	2.71E-01	6.62E+01	9.01E-04	6.56E+01	6.71E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NDN206A	1.92E-02	1.83E+00	-7.82E-03	1.84E+00	1.36E-06	0.00E+00	1.19E+03	6.88E-05	1.28E-03	1.34E-02	1.77E-03	2.45E+00	1.81E-08	6.95E-08	5.01E+00	1.83E-01	2.44E-03	8.68E-02	2.17E-02	3.51E-01	6.35E+01	1.45E+00	2.55E-07	1.20E-07	5.84E-03	1.38E-04	6.01E-01	2.90E-01	6.61E+01	9.00E-04	6.55E+01	6.71E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NDN206N	1.93E-02	1.90E+00	-3.72E-02	1.92E+00	1.39E-06	0.00E+00	1.35E+03	5.84E-05	1.54E-03	1.63E-02	1.71E-03	2.45E+00	4.67E-08	8.37E-08	5.07E+00	1.25E-01	2.77E-03	1.06E-01	2.85E-02	3.74E-01	6.42E+01	2.10E+00	3.34E-07	1.28E-07	5.77E-03	1.34E-04	7.21E-01	6.00E-01	6.74E+01	3.20E-04	6.72E+01	6.84E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NDN206P	1.83E-02	1.80E+00	-3.29E-02	1.84E+00	1.14E-06	0.00E+00	1.62E+03	6.91E-05	1.58E-03	1.70E-02	1.79E-03	2.48E+00	3.05E-07	7.66E-08	5.14E+00	1.89E-01	2.72E-03	9.95E-02	2.70E-02	3.52E-01	6.39E+01	2.22E+00	2.82E-07	1.17E-07	5.60E-03	1.31E-04	6.68E-01	6.94E-01	6.69E+01	3.54E-03	6.71E+01	6.94E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
NDN210	1.72E-02	1.86E+00	-1.83E-02	1.87E+00	1.31E-06	0.00E+00	1.33E+03	1.11E-04	1.59E-03	1.68E-02	1.80E-03	3.01E+00	2.34E-08	1.00E-07	5.63E+00	2.72E-01	2.46E-03	8.73E-02	2.22E-02	3.48E-01	6.34E+01	2.09E+00	2.62E-07	1.21E-07	5.63E-03	1.40E-04	7.79E-01	4.81E-01	6.60E+01	8.80E-04	6.56E+01	6.78E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
NDN210A	1.74E-02	1.87E+00	-1.79E-02	1.89E+00	1.41E-06	0.00E+00	1.33E+03	1.14E-04	1.59E-03	1.68E-02	1.80E-03	3.01E+00	2.34E-08	1.01E-07	5.71E+00	2.85E-01	2.46E-03	8.71E-02	2.23E-02	3.50E-01	6.32E+01	2.09E+00	2.60E-07	1.21E-07	5.64E-03	1.40E-04	7.83E-01	4.82E-01	6.58E+01	8.89E-04	6.54E+01	6.77E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
NDN210N	1.96E-02	2.09E+00	-3.92E-02	2.11E+00	1.41E-06	0.00E+00	1.27E+03	9.73E-05	1.73E-03	1.77E-02	1.74E-03	4.67E+00	3.13E-08	1.31E-07	6.19E+00	1.77E-01	2.77E-03	1.13E-01	3.46E-02	3.87E-01	6.86E+01	2.09E+00	5.07E-07	1.31E-07	6.51E-03	1.29E-04	7.60E-01	6.06E-01	7.07E+01	3.09E-04	7.04E+01	7.39E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NDN210P	1.56E-02	1.80E+00	-2.37E-02	1.83E+00	1.30E-06	0.00E+00	1.64E+03	5.94E-05	1.51E-03	1.68E-02	1.66E-03	2.57E+00	1.97E-08	8.51E-08	5.24E+00	1.17E-01	2.35E-03	9.80E-02	2.03E-02	3.37E-01	6.42E+01	2.17E+00	2.74E-07	1.05E-07	5.48E-03	1.29E-04	5.51E-01	5.33E-01	6.72E+01	2.41E-04	6.70E+01	7.03E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-01
NDN213	1.91E-02	1.86E+00	-1.72E-02	1.87E+00	1.31E-06	0.00E+00	1.30E+03	1.09E-04	1.58E-03	1.67E-02	1.81E-03	2.85E+00	2.31E-08	9.61E-08	5.32E+00	2.49E-01	2.47E-03	8.69E-02	2.24E-02	3.53E-01	6.29E+01	2.09E+00	2.60E-07	1.21E-07	5.69E-03	1.41E-04	7.80E-01	4.81E-01	6.56E+01	8.79E-04	6.54E+01	6.74E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NDN216	1.94E-02	1.86E+00	-1.72E-02	1.87E+00	1.32E-06	0.00E+00	1.30E+03	1.11E-04	1.58E-03	1.67E-02	1.81E-03	3.07E+00	2.31E-08	9.93E-08	5.57E+00	2.58E-01	2.47E-03	8.73E-02	2.27E-02	3.53E-01	6.29E+01	2.09E+00	2.60E-07	1.22E-07	5.69E-03	1.41E-04	7.92E-01	4.81E-01	6.56E+01	8.82E-04	6.54E+01	6.74E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NDN216A	1.96E-02	1.87E+00	-1.68E-02	1.88E+00	1.42E-06	0.00E+00	1.31E+03	1.14E-04	1.58E-03	1.67E-02	1.81E-03	3.09E+00	2.31E-08	1.00E-07	5.64E+00	2.72E-01	2.47E-03	8.71E-02	2.28E-02	3.54E-01	6.28E+01	2.08E+00	2.58E-07	1.23E-07	5.69E-03	1.41E-04	7.96E-01	4.82E-01	6.54E+01	8.91E-04	6.52E+01	6.74E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NDN216N	1.96E-02	2.08E+00	-3.94E-02	2.11E+00	1.43E-06	0.00E+00	1.28E+03	1.06E-04	1.73E-03	1.77E-02	1.74E-03	4.87E+00	3.28E-08	1.28E-07	6.03E+00	2.06E-01	2.78E-03	1.14E-01	3.32E-02	3.86E-01	6.79E+01	2.09E+00	5.03E-07	1.31E-07	6.48E-03	1.29E-04	7.82E-01	6.06E-01	6.98E+01	3.12E-04	6.96E+01	7.29E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NDN216P	1.77E-02	1.72E+00	-1.91E-03	1.74E+00	1.07E-06	0.00E+00	1.09E+03	1.10E-04	1.23E-03	1.32E-02	1.61E-03	4.10E+00	1.84E-08	1.05E-07	7.58E+00	2.59E-01	2.32E-03	9.73E-02	2.08E-02	3.38E-01	6.40E+01	1.46E+00	2.65E-07	1.12E-07	5.47E-03	1.30E-04	6.10E-01	2.45E-01	6.70E+01	2.97E-04	6.65E+01	6.94E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-01
NDN220	2.13E-02	1.86E+00	-1.54E-02	1.87E+00	1.33E-06	0.00E+00	1.30E+03	1.24E-04	1.56E-03	1.66E-02	1.98E-03	3.89E+00	2.34E-08	1.19E-07	7.38E+00	3.28E-01	2.73E-03	8.73E-02	3.03E-02	3.66E-01	6.25E+01	2.09E+00	2.60E-07	1.33E-07	5.77E-03	1.42E-04	8.37E-01	4.82E-01	6.54E+01	8.86E-04	6.52E+01	6.74E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NDN220A	2.15E-02	1.86E+00	-1.49E-02	1.88E+00	1.41E-06	0.00E+00	1.27E+03	1.26E-04	1.28E-03	1.37E-02	1.97E-03	3.95E+00	2.00E-08	1.21E-07	7.40E+00	3.50E-01	2.72E-03	8.73E-02	2.81E-02	3.63E-01	6.24E+01	1.77E+00	2.54E-07	1.34E-07	5.76E-03	1.42E-04	8.38E-01	4.80E-01	6.52E+01	8.87E-04	6.50E+01	6.71E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NDN220N	1.99E-02	2.09E+00	-3.93E-02	2.12E+00	1.58E-06	0.00E+00	1.28E+03	1.20E-04	1.72E-03	1.76E-02	1.77E-03	5.26E+00	3.24E-08	1.38E-07	7.66E+00	2.53E-01	2.87E-03	1.16E-01	3.36E-02	3.91E-01	6.79E+01	2.09E+00	5.42E-07	1.32E-07	6.50E-03	1.30E-04	7.84E-01	6.07E-01	6.99E+01	3.18E-04	6.97E+01	7.30E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NDN220P	1.85E-02	1.80E+00	-2.36E-02	1.84E+00	1.35E-06	0.00E+00	1.62E+03	7.21E-05	1.48E-03	1.64E-02	1.80E-03	3.02E+00	2.14E-08	9.86E-08	6.24E+00	1.52E-01	2.74E-03	1.01E-01	2.71E-02	3.60E-01	6.42E+01	2.17E+00	2.85E-07	1.17E-07	5.57E-03	1.31E-04	6.12E-01	5.37E-01	6.73E+01	2.55E-04	6.72E+01	7.02E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
NDN225	2.20E-02	1.86E+00	-1.41E-02	1.87E+00	1.36E-06	0.00E+00	1.30E+03	2.16E-04	1.56E-03	1.65E-02	1.98E-03	7.20E+00	2.36E-08	1.99E-07	1.55E+01	5.36E-01	2.73E-03	8.84E-02	3.15E-02	3.72E-01	6.27E+01	2.23E+00	2.67E-07	1.39E-07	5.77E-03	1.44E-04	9.13E-01	4.81E-01	6.50E+01	8.97E-04	6.49E+01	6.68E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NDN225A	2.09E-02	1.83E+00	-2.42E-03	1.85E+00	1.43E-06	0.00E+00	1.10E+03	2.35E-04	1.29E-03	1.35E-02	1.87E-03	7.46E+00	2.01E-08	1.99E-07	1.59E+01	6.16E-01	2.53E-03	8.86E-02	2.80E-02	3.59E-01	6.25E+01	1.52E+00	2.64E-07	1.33E-07	5.65E-03	1.43E-04	8.79E-01	4.51E-01	6.49E+01	9.18E-04	6.45E+01	6.61E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NDN225N	2.02E-02	2.12E+00	-3.97E-02	2.14E+00	1.59E-06	0.00E+00	1.28E+03	1.71E-04	1.71E-03	1.75E-02	2.04E-03	6.64E+00	3.24E-08	1.64E-07	1.30E+01	3.91E-01	2.87E-03	1.16E-01	3.64E-02	3.94E-01	6.79E+01	2.19E+00	5.42E-07	1.35E-07	6.50E-03	1.30E-04	7.76E-01	6.07E-01	6.96E+01	3.41E-04	6.95E+01	7.26E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
NDN225P	1.88E-02	1.72E+00	-1.73E-03	1.74E+00	1.10E-06	0.00E+00	1.04E+03	1.51E-04	1.23E-03	1.31E-02	1.87E-03	5.98E+00	1.85E-08	1.50E-07	1.27E+01	3.82E-01	2.67E-03	9.69E-02	2.57E-02	3.49E-01	6.40E+01	1.43E+00	2.75E-07	1.19E-07	5.51E-03	1.31E-04	6.99E-01	2.54E-01	6.68E+01	3.39E-04	6.65E+01	6.90E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NDN232	2.23E-02	1.79E+00	-1.58E-03	1.80E+00	1.32E-06	0.00E+00	1.02E+03	2.43E-04	1.28E-03	1.33E-02	2.02E-03	8.59E+00	2.05E-08	2.17E-07	1.75E+01	6.62E-01	2.79E-03	9.04E-02	3.05E-02	3.64E-01	6.18E+01	1.40E+00	2.67E-07	1.41E-07	5.73E-03	1.43E-04	9.25E-01	2.91E-01	6.40E+01	9.29E-04	6.36E+01	6.52E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NDN232A	2.24E-02	1.80E+00	1.91E-04	1.81E+00	1.40E-06	0.00E+00	1.02E+03	2.47E-04	1.27E-03	1.30E-02	1.99E-03	8.59E+00	1.92E-08	2.18E-07	1.75E+01	6.73E-01	2.75E-03	8.94E-02	3.08E-02	3.69E-01	6.17E+01	1.41E+00	2.65E-07	1.42E-07	5.76E-03	1.43E-04	9.24E-01	2.72E-01	6.38E+01	9.33E-04	6.34E+01	6.50E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NDN232N	2.03E-02	1.91E+00	-3.76E-02	1.92E+00	1.67E-06	0.00E+00	1.39E+03	1.24E-04	1.52E-03	1.62E-02	2.06E-03	6.34E+00	4.80E-08	1.68E-07	1.19E+01	3.01E-01	2.90E-03	1.07E-01	2.92E-02	3.90E-01	6.36E+01	2.23E+00	3.35E-07	1.34E-07	5.82E-03	1.37E-04	8.68E-01	6.05E-01	6.55E+01	3.69E-04	6.54E+01	6.64E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
NDN232P	1.95E-02	1.81E+00	-3.28E-02	1.84E+00	1.39E-06	0.00E+00	1.63E+03	1.83E-04	1.57E-03	1.67E-02	2.03E-03	5.85E+00	3.05E-07	1.63E-07	1.11E+01	4.46E-01	2.88E-03	1.02E-01	2.77E-02	3.77E-01	6.34E+01	2.39E+00	2.98E-07	1.25E-07	5.76E-03	1.35E-04	7.76E-01	6.95E-01	6.55E+01	3.55E-03	6.57E+01	6.78E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NDN240	2.21E-02	1.79E+00	1.01E-03	1.80E+00	1.30E-06	0.00E+00	1.09E+03	2.24E-04	1.27E-03	1.30E-02	2.02E-03	8.54E+00	1.88E-08	2.17E-07	1.86E+01	5.79E-01	2.79E-03	8.93E-02	3.12E-02	3.60E-01	6.12E+01	1.41E+00	2.53E-07	1.38E-07	5.71E-03	1.42E-04	9.09E-01	2.51E-01	6.35E+01	9.17E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NDN240A	2.23E-02	1.80E+00	1.28E-03	1.82E+00	1.58E-06	0.00E+00	1.09E+03	2.25E-04	1.26E-03	1.30E-02	2.04E-03	8.53E+00	1.89E-08	2.18E-07	1.86E+01	5.89E-01	2.82E-03	8.86E-02	3.13E-02	3.61E-01	6.11E+01	1.42E+00	2.51E-07	1.39E-07	5.72E-03	1.42E-04	9.12E-01	2.73E-01	6.33E+01	9.16E-04	6.29E+01	6.50E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NDN240N	1.97E-02	1.91E+00	-3.77E-02	1.92E+00	1.66E-06	0.00E+00	1.39E+03	1.23E-04	1.52E-03	1.61E-02	2.06E-03	6.29E+00	4.77E-08	1.60E-07	1.16E+01	2.99E-01	2.90E-03	1.07E-01	2.80E-02	3.84E-01	6.33E+01	2.17E+00	3.32E-07	1.29E-07	5.83E-03	1.35E-04	8.53E-01	6.05E-01	6.56E+01	3.64E-04	6.55E+01	6.63E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NDN240P	1.89E-02	1.81E+00	-3.30E-02	1.84E+00	1.38E-06	0.00E+00	1.63E+03	1.81E-04	1.57E-03	1.67E-02	2.03E-03	5.66E+00	3.05E-07	1.51E-07	1.08E+01	4.39E-01	2.89E-03	1.01E-01	2.65E-02	3.64E-01	6.30E+01	2.32E+00	2.85E-07	1.19E-07	5.77E-03	1.33E-04	7.49E-01	6.95E-01	6.57E+01	3.53E-03	6.58E+01	6.79E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NDN250	1.83E-02	1.81E+00	-3.08E-02	1.83E+00	1.71E-06	0.00E+00	1.68E+03	1.58E-04	1.50E-03	1.63E-02	2.09E-03	5.99E+00	3.97E-08	1.64E-07	1.08E+01	3.71E-01	2.93E-03	1.05E-01	2.66E-02	3.57E-01	6.06E+01	2.39E+00	3.81E-07	1.18E-07	5.42E-03	1.28E-04	8.06E-01	6.94E-01	6.31E+01	4.70E-04	6.30E+01	6.42E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
NDN250A	2.29E-02	1.81E+00	1.44E-03	1.82E+00	1.60E-06	0.00E+00	1.01E+03	2.55E-04	1.27E-03	1.31E-02	2.04E-03	9.13E+00	1.92E-08	2.33E-07	1.90E+01	6.96E-01	2.82E-03	8.92E-02	3.14E-02	3.75E-01	6.14E+01	1.41E+00	3.54E-07	1.48E-07	5.78E-03	1.44E-04	9.62E-01	2.51E-01	6.33E+01	1.05E-03	6.29E+01	6.50E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NDN250N	2.09E-02	1.91E+00	-3.63E-02	1.93E+00	1.63E-06	0.00E+00	1.38E+03	1.46E-04	1.52E-03	1.63E-02	2.09E-03	6.96E+00	4.80E-08	1.92E-07	1.22E+01	3.30E-01	2.95E-03	1.07E-01	2.93E-02	3.98E-01	6.34E+01	2.24E+00	3.51E-07	1.39E-07	5.84E-03	1.37E-04	9.12E-01	6.04E-01	6.54E+01	3.95E-04	6.54E+01	6.59E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NDN250P	2.01E-02	1.81E+00	-3.03E-02	1.84E+00	1.39E-06	0.00E+00	1.62E+03	1.97E-04	1.56E-03	1.68E-02	2.06E-03	6.27E+00	2.98E-07	1.84E-07	1.14E+01	4.62E-01	2.94E-03	1.02E-01	2.81E-02	3.88E-01	6.29E+01	2.40E+00	3.91E-07	1.31E-07	5.83E-03	1.36E-04	8.34E-01	6.96E-01	6.54E+01	3.43E-03	6.56E+01	6.74E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NDN263	2.64E-02	1.81E+00	9.10E-04	1.81E+00	1.49E-06	0.00E+00	1.01E+03	3.61E-04	1.29E-03	1.33E-02	2.05E-03	1.27E+01	2.04E-08	3.26E-07	2.70E+01	1.02E+00	2.84E-03	9.10E-02	3.59E-02	3.77E-01	6.15E+01	1.44E+00	3.72E-07	1.65E-07	5.75E-03	1.46E-04	1.19E+00	2.72E-01	6.27E+01	1.03E-03	6.23E+01	6.46E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NDN263A	2.65E-02	1.81E+00	1.41E-03	1.82E+00	1.60E-06	0.00E+00	1.01E+03	3.62E-04	1.27E-03	1.31E-02	2.04E-03	1.27E+01	1.94E-08	3.25E-07	2.71E+01	1.02E+00	2.83E-03	9.00E-02	3.61E-02	3.81E-01	6.13E+01	1.45E+00	3.74E-07	1.65E-07	5.79E-03	1.46E-04	1.20E+00	2.52E-01	6.25E+01	1.04E-03	6.22E+01	6.44E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NDN263N	2.51E-02	1.91E+00	-3.55E-02	1.93E+00	1.64E-06	0.00E+00	1.38E+03	2.88E-04	1.52E-03	1.63E-02	2.09E-03	1.10E+01	4.74E-08	2.99E-07	1.81E+01	7.19E-01	2.95E-03	1.07E-01	3.40E-02	4.02E-01	6.35E+01	2.24E+00	3.73E-07	1.57E-07	5.84E-03	1.38E-04	1.21E+00	6.07E-01	6.54E+01	3.90E-04	6.54E+01	6.59E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NDN263P	2.49E-02	1.81E+00	-1.16E-02	1.83E+00	1.13E-06	0.00E+00	1.59E+03	3.32E-04	1.55E-03	1.67E-02	1.99E-03	1.05E+01	2.96E-07	3.22E-07	2.02E+01	9.04E-01	2.78E-03	9.98E-02	3.54E-02	3.74E-01	6.33E+01	2.30E+00	4.07E-07	1.51E-07	5.63E-03	1.36E-04	1.16E+00	5.35E-01	6.54E+01	3.42E-03	6.54E+01	6.80E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NDN300	2.44E-02	2.43E+00	-2.27E-03	2.42E+00	1.86E-06	0.00E+00	1.13E+03	1.39E-04	1.70E-03	1.83E-02	2.99E-03	4.94E+00	2.99E-08	1.62E-07	9.08E+00	3.57E-01	4.05E-03	1.22E-01	3.48E-02	5.42E-01	1.00E+02	2.78E+00	3.04E-07	1.57E-07	8.02E-03	2.00E-04	9.50E-01	4.77E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NDN300A	2.44E-02	2.43E+00	-2.27E-03	2.42E+00	1.98E-06	0.00E+00	1.13E+03	1.39E-04	1.70E-03	1.83E-02	2.98E-03	4.94E+00	2.99E-08	1.62E-07	9.08E+00	3.56E-01	4.05E-03	1.22E-01	3.48E-02	5.43E-01	1.00E+02	2.79E+00	3.04E-07	1.57E-07	8.02E-03	2.00E-04	9.50E-01	4.77E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NDN300N	2.34E-02	2.74E+00	-4.99E-02	2.74E+00	2.22E-06	0.00E+00	1.65E+03	7.62E-05	1.86E-03	2.02E-02	3.03E-03	5.33E+00	5.98E-08	1.58E-07	8.08E+00	1.62E-01	4.27E-03	1.24E-01	3.31E-02	5.41E-01	1.01E+02	3.21E+00	3.21E-07	1.53E-07	7.64E-03	2.01E-04	8.94E-01	1.13E+00	1.05E+02	4.80E-04	1.05E+02	1.08E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NDN301	2.42E-02	2.43E+00	-5.13E-03	2.42E+00	1.84E-06	0.00E+00	1.13E+03	9.56E-05	1.70E-03	1.83E-02	2.98E-03	3.99E+00	2.87E-08	1.41E-07	7.84E+00	2.37E-01	4.05E-03	1.22E-01	3.46E-02	5.40E-01	1.00E+02	2.80E+00	3.00E-07	1.56E-07	7.97E-03	2.00E-04	8.82E-01	4.76E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NDN301A	2.25E-02	2.80E+00	-3.45E-02	2.89E+00	2.34E-06	0.00E+00	1.88E+03	9.37E-05	1.86E-03	1.98E-02	2.81E-03	4.45E+00	4.20E-08	1.29E-07	8.00E+00	2.37E-01	4.05E-03	1.30E-01	3.13E-02	5.05E-01	1.02E+02	3.12E+00	3.08E-07	1.46E-07	7.36E-03	2.01E-04	7.25E-01	8.45E-01	1.04E+02	4.75E-04	1.04E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NDN301N	2.34E-02	2.74E+00	-4.98E-02	2.74E+00	2.19E-06	0.00E+00	1.64E+03	7.62E-05	1.85E-03	2.01E-02	2.96E-03	4.26E+00	5.65E-08	1.33E-07	7.27E+00	1.56E-01	4.17E-03	1.24E-01	3.31E-02	5.40E-01	1.01E+02	3.20E+00	3.17E-07	1.53E-07	7.60E-03	2.01E-04	8.85E-01	1.12E+00	1.05E+02	4.81E-04	1.05E+02	1.08E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NDN302	2.45E-02	2.43E+00	-3.94E-03	2.42E+00	2.06E-06	0.00E+00	1.13E+03	1.76E-04	1.71E-03	1.85E-02	3.01E-03	7.23E+00	3.12E-08	1.83E-07	1.54E+01	4.61E-01	4.07E-03	1.23E-01	3.48E-02	5.46E-01	1.00E+02	2.70E+00	3.06E-07	1.57E-07	8.05E-03	2.01E-04	1.01E+00	4.95E-01	1.03E+02	1.31E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NDN302A	2.45E-02	2.43E+00	-4.69E-03	2.43E+00	2.12E-06	0.00E+00	1.13E+03	1.80E-04	1.72E-03	1.86E-02	3.04E-03	7.31E+00	3.11E-08	1.86E-07	1.57E+01	4.73E-01	4.10E-03	1.23E-01	3.49E-02	5.46E-01	1.00E+02	2.73E+00	3.03E-07	1.58E-07	8.06E-03	2.02E-04	1.02E+00	5.27E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NDN302N	2.34E-02	2.74E+00	-4.98E-02	2.75E+00	2.21E-06	0.00E+00	1.64E+03	1.06E-04	1.85E-03	2.01E-02	2.96E-03	6.64E+00	5.73E-08	1.65E-07	1.12E+01	2.50E-01	4.17E-03	1.25E-01	3.30E-02	5.42E-01	1.01E+02	3.21E+00	3.22E-07	1.53E-07	7.61E-03	2.01E-04	9.35E-01	1.12E+00	1.05E+02	4.59E-04	1.05E+02	1.08E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NDN303	2.40E-02	2.43E+00	-1.84E-03	2.42E+00	1.86E-06	0.00E+00	1.13E+03	1.75E-04	1.70E-03	1.84E-02	2.94E-03	6.89E+00	3.01E-08	1.82E-07	1.49E+01	4.54E-01	4.00E-03	1.22E-01	3.44E-02	5.41E-01	9.94E+01	2.81E+00	3.00E-07	1.53E-07	7.92E-03	1.99E-04	1.00E+00	4.76E-01	1.02E+02	1.31E-03	1.01E+02	1.04E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
NDN303N	2.34E-02	2.74E+00	-5.05E-02	2.75E+00	2.21E-06	0.00E+00	1.64E+03	1.07E-04	1.85E-03	2.01E-02	2.96E-03	6.69E+00	5.73E-08	1.65E-07	1.13E+01	2.52E-01	4.17E-03	1.25E-01	3.30E-02	5.42E-01	1.01E+02	3.21E+00	3.20E-07	1.53E-07	7.61E-03	2.02E-04	9.30E-01	1.12E+00	1.05E+02	4.59E-04	1.05E+02	1.08E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NDN304	2.48E-02	2.43E+00	-5.26E-03	2.43E+00	2.09E-06	0.00E+00	1.03E+03	1.74E-04	1.71E-03	1.87E-02	3.04E-03	7.32E+00	3.15E-08	1.80E-07	1.57E+01	4.60E-01	4.10E-03	1.24E-01	3.55E-02	5.47E-01	1.00E+02	2.73E+00	3.06E-07	1.60E-07	8.07E-03	2.03E-04	1.02E+00	5.26E-01	1.03E+02	1.34E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NDN304A	2.48E-02	2.44E+00	-4.83E-03	2.43E+00	2.14E-06	0.00E+00	1.03E+03	1.77E-04	1.72E-03	1.87E-02	2.99E-03	7.38E+00	3.15E-08	1.85E-07	1.57E+01	4.65E-01	4.05E-03	1.23E-01	3.55E-02	5.47E-01	1.00E+02	2.73E+00	3.02E-07	1.60E-07	8.07E-03	2.03E-04	1.03E+00	5.27E-01	1.03E+02	1.36E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NDN304N	2.38E-02	2.74E+00	-5.06E-02	2.75E+00	2.22E-06	0.00E+00	1.64E+03	1.08E-04	1.85E-03	2.01E-02	2.96E-03	6.88E+00	5.75E-08	1.70E-07	1.16E+01	2.56E-01	4.17E-03	1.25E-01	3.39E-02	5.46E-01	1.01E+02	3.22E+00	3.21E-07	1.55E-07	7.65E-03	2.04E-04	9.59E-01	1.12E+00	1.05E+02	4.63E-04	1.05E+02	1.08E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN304P	2.34E-02	2.82E+00	-4.01E-02	2.93E+00	1.92E-06	0.00E+00	2.04E+03	1.72E-04	1.95E-03	2.11E-02	3.02E-03	6.58E+00	2.98E-07	1.74E-07	1.13E+01	4.34E-01	4.28E-03	1.23E-01	3.90E-02	5.49E-01	1.04E+02	3.48E+00	3.15E-07	1.51E-07	8.42E-03	2.05E-04	8.07E-01	1.24E+00	1.05E+02	3.28E-03	1.06E+02	1.08E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN306	2.12E-02	2.42E+00	-4.79E-03	2.41E+00	1.74E-06	0.00E+00	1.13E+03	1.24E-04	1.66E-03	1.76E-02	2.82E-03	4.38E+00	2.25E-08	1.53E-07	7.39E+00	3.20E-01	3.83E-03	1.21E-01	3.02E-02	4.58E-01	1.01E+02	2.81E+00	2.94E-07	1.36E-07	7.05E-03	1.81E-04	8.70E-01	4.90E-01	1.03E+02	1.31E-03	1.03E+02	1.04E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NDN306A	2.13E-02	2.42E+00	-1.74E-02	2.42E+00	1.87E-06	0.00E+00	1.15E+03	1.18E-04	1.67E-03	1.77E-02	2.88E-03	4.27E+00	2.25E-08	1.54E-07	7.25E+00	3.03E-01	3.89E-03	1.21E-01	3.01E-02	4.63E-01	1.01E+02	2.86E+00	2.92E-07	1.37E-07	7.07E-03	1.83E-04	8.73E-01	5.84E-01	1.03E+02	1.32E-03	1.03E+02	1.04E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NDN306N	2.28E-02	2.74E+00	-4.78E-02	2.74E+00	1.98E-06	0.00E+00	1.53E+03	8.24E-05	1.84E-03	2.00E-02	2.87E-03	5.39E+00	5.71E-08	1.59E-07	8.33E+00	1.87E-01	4.05E-03	1.24E-01	3.20E-02	5.39E-01	1.01E+02	3.17E+00	3.16E-07	1.50E-07	7.48E-03	2.01E-04	9.21E-01	1.12E+00	1.05E+02	4.74E-04	1.05E+02	1.08E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
NDN306P	2.14E-02	2.80E+00	-3.75E-02	2.91E+00	1.77E-06	0.00E+00	1.93E+03	1.10E-04	1.91E-03	2.05E-02	2.82E-03	4.19E+00	2.98E-07	1.50E-07	7.26E+00	2.68E-01	4.01E-03	1.21E-01	3.56E-02	5.38E-01	1.03E+02	3.42E+00	3.03E-07	1.40E-07	8.06E-03	1.99E-04	7.24E-01	9.30E-01	1.05E+02	3.26E-03	1.05E+02	1.08E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NDN310	2.12E-02	2.66E+00	-2.92E-02	2.68E+00	1.97E-06	0.00E+00	1.82E+03	1.56E-04	1.76E-03	1.91E-02	2.81E-03	6.66E+00	3.04E-08	1.68E-07	1.45E+01	3.79E-01	3.82E-03	1.24E-01	3.03E-02	4.62E-01	1.01E+02	2.97E+00	2.78E-07	1.36E-07	7.05E-03	1.86E-04	8.89E-01	7.05E-01	1.04E+02	1.31E-03	1.03E+02	1.05E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NDN310A	2.13E-02	2.66E+00	-2.92E-02	2.68E+00	2.09E-06	0.00E+00	1.82E+03	1.58E-04	1.76E-03	1.91E-02	2.81E-03	6.63E+00	3.04E-08	1.67E-07	1.45E+01	3.84E-01	3.82E-03	1.24E-01	3.02E-02	4.63E-01	1.01E+02	2.98E+00	2.72E-07	1.36E-07	7.05E-03	1.87E-04	8.92E-01	7.07E-01	1.03E+02	1.31E-03	1.04E+02	1.05E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NDN310N	2.30E-02	2.78E+00	-5.03E-02	2.91E+00	2.06E-06	0.00E+00	1.72E+03	1.43E-04	2.30E-03	2.34E-02	3.10E-03	6.05E+00	4.10E-08	1.61E-07	1.22E+01	2.91E-01	4.19E-03	1.26E-01	3.78E-02	5.57E-01	1.02E+02	3.26E+00	5.00E-07	1.47E-07	8.18E-03	2.24E-04	7.20E-01	1.11E+00	1.09E+02	4.20E-04	1.07E+02	1.17E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NDN310P	2.02E-02	2.41E+00	-4.08E-03	2.40E+00	1.65E-06	0.00E+00	1.10E+03	1.36E-04	1.71E-03	1.80E-02	2.69E-03	5.52E+00	1.87E-08	1.46E-07	1.17E+01	3.31E-01	3.86E-03	1.22E-01	2.68E-02	4.51E-01	1.00E+02	2.91E+00	3.31E-07	1.37E-07	7.72E-03	1.74E-04	7.17E-01	4.78E-01	1.03E+02	3.58E-04	1.03E+02	1.06E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NDN313	2.13E-02	2.47E+00	-2.40E-02	2.48E+00	1.97E-06	0.00E+00	1.82E+03	1.60E-04	1.74E-03	1.86E-02	2.83E-03	6.71E+00	2.80E-08	1.66E-07	1.45E+01	3.83E-01	3.83E-03	1.25E-01	3.08E-02	4.62E-01	1.01E+02	2.55E+00	2.95E-07	1.36E-07	7.05E-03	1.84E-04	8.87E-01	7.03E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NDN316	2.18E-02	2.65E+00	-2.92E-02	2.67E+00	2.03E-06	0.00E+00	1.82E+03	1.54E-04	1.76E-03	1.92E-02	2.89E-03	6.76E+00	3.09E-08	1.62E-07	1.47E+01	3.67E-01	3.91E-03	1.25E-01	3.17E-02	4.72E-01	1.01E+02	2.99E+00	2.77E-07	1.41E-07	7.10E-03	1.91E-04	9.05E-01	7.09E-01	1.03E+02	1.34E-03	1.04E+02	1.05E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
NDN316A	1.93E-02	2.53E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.84E-02	2.94E-03	5.87E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.80E-01	1.02E+02	2.95E+00	2.63E-07	1.28E-07	6.78E-03	2.00E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NDN316N	4.62E-02	4.58E+00	-8.40E-02	5.41E+00	3.57E-06	0.00E+00	2.57E+03	4.91E-04	3.82E-03	3.61E-02	4.39E-03	2.12E+01	7.97E-08	4.00E-07	2.73E+01	1.35E+00	7.29E-03	2.91E-01	8.24E-02	1.02E+00	1.77E+02	5.76E+00	1.86E-06	3.36E-07	1.67E-02	4.03E-04	2.48E+00	2.16E+00	1.98E+02	8.52E-04	1.91E+02	2.01E+02	5.36E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
NDN316P	2.09E-02	2.41E+00	-2.17E-03	2.40E+00	1.69E-06	0.00E+00	9.98E+02	1.50E-04	1.71E-03	1.79E-02	2.75E-03	5.91E+00	2.02E-08	1.57E-07	1.23E+01	3.75E-01	3.91E-03	1.22E-01	2.97E-02	4.60E-01	1.00E+02	2.91E+00	3.31E-07	1.40E-07	7.84E-03	1.76E-04	7.41E-01	4.60E-01	1.04E+02	3.93E-04	1.03E+02	1.06E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NDN320	2.21E-02	2.67E+00	-2.15E-02	2.70E+00	2.19E-06	0.00E+00	1.80E+03	1.68E-04	1.80E-03	1.96E-02	3.00E-03	7.38E+00	3.14E-08	1.70E-07	1.57E+01	4.37E-01	4.05E-03	1.27E-01	3.32E-02	5.11E-01	1.02E+02	3.00E+00	2.80E-07	1.43E-07	7.28E-03	2.06E-04	9.06E-01	7.16E-01	1.04E+02	1.34E-03	1.04E+02	1.06E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NDN320A	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.99E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN320N	2.62E-02	2.79E+00	-5.27E-02	2.94E+00	2.38E-06	0.00E+00	1.83E+03	1.72E-04	2.39E-03	2.45E-02	3.27E-03	7.51E+00	4.18E-08	1.91E-07	1.34E+01	3.57E-01	4.41E-03	1.29E-01	4.12E-02	5.66E-01	1.01E+02	3.33E+00	5.50E-07	1.73E-07	8.77E-03	2.31E-04	7.67E-01	1.12E+00	1.08E+02	4.18E-04	1.06E+02	1.16E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NDN320P	2.36E-02	2.83E+00	-3.33E-02	2.90E+00	1.96E-06	0.00E+00	1.99E+03	1.29E-04	1.91E-03	2.09E-02	2.86E-03	5.56E+00	3.86E-08	1.61E-07	1.08E+01	2.55E-01	4.05E-03	1.24E-01	3.87E-02	5.39E-01	1.03E+02	3.52E+00	3.28E-07	1.61E-07	8.43E-03	2.00E-04	8.01E-01	8.53E-01	1.06E+02	3.78E-04	1.06E+02	1.08E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NDN325	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.94E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	5.00E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN325A	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.94E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	5.00E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN325N	2.67E-02	2.85E+00	-5.19E-02	2.99E+00	2.36E-06	0.00E+00	1.83E+03	1.80E-04	2.38E-03	2.44E-02	3.27E-03	7.68E+00	4.18E-08	1.98E-07	1.37E+01	3.79E-01	4.41E-03	1.29E-01	4.38E-02	5.76E-01	1.00E+02	3.35E+00	5.52E-07	1.77E-07	9.22E-03	2.33E-04	7.61E-01	1.12E+00	1.08E+02	4.81E-04	1.06E+02	1.16E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NDN325P	2.39E-02	2.84E+00	-3.19E-02	2.92E+00	1.99E-06	0.00E+00	1.98E+03	1.37E-04	1.91E-03	2.09E-02	2.86E-03	5.76E+00	3.86E-08	1.71E-07	1.10E+01	2.75E-01	4.05E-03	1.24E-01	3.99E-02	5.39E-01	1.03E+02	3.54E+00	3.29E-07	1.62E-07	8.43E-03	2.01E-04	8.14E-01	8.54E-01	1.06E+02	4.61E-04	1.06E+02	1.09E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NDN332	2.75E-02	2.67E+00	-5.87E-03	2.68E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.91E-03	2.03E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.30E-02	5.13E-01	9.76E+01	3.12E+00	3.01E-07	1.80E-07	7.96E-03	2.18E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NDN332A	2.75E-02	2.67E+00	-5.87E-03	2.68E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.91E-03	2.03E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.30E-02	5.13E-01	9.76E+01	3.12E+00	3.01E-07	1.80E-07	7.96E-03	2.18E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NDN332N	2.92E-02	2.78E+00	-4.71E-02	2.81E+00	2.20E-06	0.00E+00	1.67E+03	2.78E-04	1.99E-03	2.16E-02	3.04E-03	1.17E+01	5.93E-08	2.99E-07	1.88E+01	6.82E-01	4.29E-03	1.26E-01	4.24E-02	5.80E-01	1.01E+02	3.32E+00	3.54E-07	1.90E-07	8.28E-03	2.17E-04	1.22E+00	1.13E+00	1.07E+02	4.96E-04	1.06E+02	1.08E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NDN332P	3.05E-02	2.93E+00	-2.42E-02	3.04E+00	1.86E-06	0.00E+00	2.04E+03	3.23E-04	2.11E-03	2.31E-02	3.03E-03	1.16E+01	2.91E-07	3.29E-07	2.06E+01	8.62E-01	4.30E-03	1.22E-01	4.99E-02	5.76E-01	1.04E+02	3.55E+00	3.86E-07	1.99E-07	9.09E-03	2.22E-04	1.26E+00	8.55E-01	1.06E+02	3.14E-03	1.07E+02	1.08E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00

NDN340	2.49E-02	2.43E+00	-1.03E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	2.35E-04	1.77E-03	1.88E-02	3.16E-03	1.01E+01	2.42E-08	2.29E-07	2.07E+01	6.35E-01	4.29E-03	1.27E-01	3.84E-02	5.24E-01	9.77E+01	2.68E+00	3.18E-07	1.71E-07	7.88E-03	2.03E-04	1.01E+00	4.98E-01	1.00E+02	1.61E-03	1.00E+02	1.01E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NDN340A	3.53E-02	2.58E+00	8.51E-03	2.57E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	1.93E-03	2.09E-02	3.31E-03	1.78E+01	3.94E-08	4.27E-07	3.80E+01	1.35E+00	4.48E-03	1.29E-01	5.23E-02	5.43E-01	8.30E+01	3.12E+00	3.35E-07	2.27E-07	8.48E-03	2.37E-04	1.54E+00	7.21E-01	8.62E+01	1.79E-03	8.62E+01	8.84E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NDN340N	2.44E-02	2.77E+00	-4.96E-02	2.79E+00	2.18E-06	0.00E+00	1.67E+03	1.30E-04	1.95E-03	2.13E-02	3.04E-03	7.38E+00	6.02E-08	1.98E-07	1.21E+01	2.82E-01	4.29E-03	1.26E-01	3.67E-02	5.74E-01	1.00E+02	3.30E+00	3.54E-07	1.69E-07	8.23E-03	2.17E-04	9.46E-01	1.13E+00	1.05E+02	5.46E-04	1.05E+02	1.07E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NDN340P	2.43E-02	2.88E+00	-3.52E-02	2.98E+00	1.93E-06	0.00E+00	2.02E+03	1.87E-04	2.11E-03	2.29E-02	3.11E-03	7.02E+00	2.90E-07	2.01E-07	1.17E+01	4.52E-01	4.43E-03	1.25E-01	4.15E-02	5.68E-01	1.03E+02	3.54E+00	3.86E-07	1.69E-07	9.04E-03	2.20E-04	8.20E-01	9.37E-01	1.05E+02	3.22E-03	1.06E+02	1.07E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NDN350	3.25E-02	2.44E+00	7.71E-04	2.43E+00	2.17E-06	0.00E+00	1.02E+03	3.95E-04	1.87E-03	1.98E-02	3.17E-03	1.51E+01	2.24E-08	3.53E-07	3.26E+01	1.13E+00	4.29E-03	1.26E-01	4.63E-02	5.34E-01	9.46E+01	2.65E+00	3.54E-07	2.05E-07	8.60E-03	2.12E-04	1.33E+00	4.86E-01	9.82E+01	1.61E-03	9.77E+01	9.97E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NDN350A	3.62E-02	2.63E+00	9.07E-03	2.63E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	2.05E-03	2.21E-02	3.34E-03	1.83E+01	3.96E-08	4.35E-07	3.89E+01	1.35E+00	4.52E-03	1.29E-01	5.30E-02	5.31E-01	8.37E+01	3.12E+00	3.38E-07	2.29E-07	8.83E-03	2.38E-04	1.56E+00	7.23E-01	8.68E+01	1.79E-03	8.68E+01	8.91E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NDN350N	3.20E-02	2.82E+00	-4.59E-02	2.82E+00	2.32E-06	0.00E+00	1.66E+03	2.88E-04	2.01E-03	2.22E-02	3.14E-03	1.22E+01	5.93E-08	3.12E-07	2.08E+01	7.31E-01	4.45E-03	1.28E-01	4.46E-02	6.03E-01	9.98E+01	3.44E+00	3.98E-07	2.08E-07	8.49E-03	2.20E-04	1.25E+00	1.13E+00	1.06E+02	5.14E-04	1.05E+02	1.07E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NDN350P	3.38E-02	2.98E+00	-2.31E-02	3.05E+00	1.96E-06	0.00E+00	2.03E+03	3.32E-04	2.17E-03	2.37E-02	3.13E-03	1.22E+01	2.91E-07	3.46E-07	2.27E+01	8.98E-01	4.45E-03	1.25E-01	5.34E-02	6.11E-01	1.03E+02	3.66E+00	4.62E-07	2.20E-07	9.34E-03	2.23E-04	1.26E+00	9.35E-01	1.06E+02	3.14E-03	1.06E+02	1.07E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NDN363	3.69E-02	2.67E+00	9.08E-03	2.66E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.25E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.39E-02	5.86E-01	8.44E+01	3.12E+00	3.39E-07	2.39E-07	8.96E-03	2.39E-04	1.62E+00	7.25E-01	8.76E+01	1.79E-03	8.76E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NDN363A	3.69E-02	2.67E+00	9.08E-03	2.66E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.25E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.39E-02	5.86E-01	8.44E+01	3.12E+00	3.39E-07	2.39E-07	8.96E-03	2.39E-04	1.62E+00	7.25E-01	8.76E+01	1.79E-03	8.76E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NDN363N	3.21E-02	2.84E+00	-4.59E-02	2.83E+00	2.33E-06	0.00E+00	1.66E+03	2.95E-04	2.01E-03	2.22E-02	3.14E-03	1.24E+01	5.89E-08	3.12E-07	2.18E+01	7.52E-01	4.45E-03	1.28E-01	4.47E-02	6.13E-01	9.98E+01	3.44E+00	4.78E-07	2.09E-07	8.55E-03	2.22E-04	1.26E+00	1.12E+00	1.06E+02	5.39E-04	1.05E+02	1.06E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
NDN363P	3.31E-02	2.98E+00	-1.17E-02	3.04E+00	1.82E-06	0.00E+00	1.99E+03	3.39E-04	2.13E-03	2.31E-02	3.03E-03	1.23E+01	2.91E-07	3.50E-07	2.40E+01	9.10E-01	4.30E-03	1.24E-01	5.29E-02	6.09E-01	1.01E+02	3.65E+00	5.04E-07	2.21E-07	9.23E-03	2.22E-04	1.28E+00	7.28E-01	1.05E+02	3.14E-03	1.05E+02	1.06E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
NDN400	3.01E-02	2.48E+00	-1.81E-02	2.46E+00	2.15E-06	0.00E+00	1.82E+03	1.58E-04	2.23E-03	2.31E-02	3.99E-03	9.55E+00	3.27E-08	2.00E-07	1.78E+01	4.28E-01	5.53E-03	1.71E-01	4.06E-02	6.44E-01	1.27E+02	2.78E+00	4.05E-07	1.94E-07	9.74E-03	2.75E-04	1.05E+00	6.77E-01	1.33E+02	1.74E-03	1.32E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NDN400N	3.25E-02	3.30E+00	-5.56E-02	3.32E+00	2.54E-06	0.00E+00	2.36E+03	1.25E-04	2.46E-03	2.63E-02	3.75E-03	9.60E+00	5.99E-08	2.05E-07	1.62E+01	2.80E-01	5.57E-03	1.81E-01	4.74E-02	6.42E-01	1.14E+02	3.60E+00	5.10E-07	1.98E-07	1.06E-02	2.71E-04	1.10E+00	1.27E+00	1.17E+02	8.78E-04	1.17E+02	1.22E+02	2.67E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NDN401	3.01E-02	2.52E+00	-2.19E-02	2.53E+00	2.33E-06	0.00E+00	2.08E+03	1.22E-04	2.32E-03	2.46E-02	3.99E-03	5.63E+00	3.75E-08	1.62E-07	8.21E+00	3.01E-01	5.53E-03	1.71E-01	4.05E-02	6.44E-01	1.28E+02	2.46E+00	4.04E-07	1.94E-07	9.74E-03	2.75E-04	9.78E-01	7.74E-01	1.33E+02	1.74E-03	1.33E+02	1.33E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NDN401N	3.25E-02	3.30E+00	-5.56E-02	3.31E+00	2.53E-06	0.00E+00	2.36E+03	1.01E-04	2.46E-03	2.63E-02	3.68E-03	5.68E+00	5.97E-08	1.57E-07	8.17E+00	2.27E-01	5.50E-03	1.81E-01	4.74E-02	6.41E-01	1.14E+02	3.57E+00	4.97E-07	1.97E-07	1.06E-02	2.71E-04	1.05E+00	1.27E+00	1.17E+02	8.83E-04	1.17E+02	1.22E+02	2.68E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NDN402	3.07E-02	2.48E+00	-3.01E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.12E-04	2.22E-03	2.31E-02	3.92E-03	1.02E+01	3.24E-08	2.30E-07	1.90E+01	5.13E-01	5.41E-03	1.69E-01	4.20E-02	6.17E-01	1.27E+02	2.71E+00	4.04E-07	2.00E-07	9.77E-03	2.45E-04	1.09E+00	5.66E-01	1.32E+02	1.80E-03	1.31E+02	1.32E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
NDN402A	3.21E-02	3.46E+00	-2.78E-02	3.48E+00	2.60E-06	0.00E+00	2.32E+03	2.15E-04	2.45E-03	2.68E-02	4.06E-03	1.03E+01	4.72E-08	2.36E-07	1.91E+01	5.45E-01	5.60E-03	1.76E-01	5.11E-02	6.53E-01	1.24E+02	3.87E+00	4.51E-07	2.06E-07	9.90E-03	2.75E-04	1.15E+00	9.71E-01	1.27E+02	1.82E-03	1.27E+02	1.28E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
NDN402N	3.30E-02	3.30E+00	-5.55E-02	3.31E+00	2.55E-06	0.00E+00	2.36E+03	1.60E-04	2.46E-03	2.68E-02	3.68E-03	1.03E+01	6.02E-08	2.36E-07	1.69E+01	3.30E-01	5.50E-03	1.81E-01	4.94E-02	6.43E-01	1.14E+02	3.61E+00	4.98E-07	2.01E-07	1.07E-02	2.71E-04	1.13E+00	1.27E+00	1.17E+02	8.99E-04	1.17E+02	1.22E+02	2.71E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NDN403	3.07E-02	2.48E+00	-3.17E-03	2.46E+00	2.16E-06	0.00E+00	1.03E+03	2.10E-04	2.22E-03	2.31E-02	3.92E-03	1.02E+01	3.24E-08	2.30E-07	1.88E+01	5.08E-01	5.41E-03	1.69E-01	4.29E-02	6.16E-01	1.27E+02	2.71E+00	4.04E-07	2.01E-07	9.81E-03	2.45E-04	1.08E+00	5.76E-01	1.32E+02	1.83E-03	1.31E+02	1.32E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NDN403N	3.31E-02	3.31E+00	-5.48E-02	3.32E+00	2.55E-06	0.00E+00	2.36E+03	1.61E-04	2.46E-03	2.68E-02	3.68E-03	1.03E+01	6.02E-08	2.40E-07	1.69E+01	3.34E-01	5.50E-03	1.81E-01	4.98E-02	6.42E-01	1.14E+02	3.62E+00	4.98E-07	2.03E-07	1.07E-02	2.71E-04	1.14E+00	1.27E+00	1.17E+02	9.51E-04	1.17E+02	1.22E+02	2.71E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
NDN404	3.09E-02	2.48E+00	-2.97E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.15E-04	2.20E-03	2.29E-02	3.94E-03	1.05E+01	3.24E-08	2.36E-07	1.96E+01	5.39E-01	5.41E-03	1.69E-01	4.39E-02	6.17E-01	1.28E+02	2.71E+00	4.05E-07	2.01E-07	9.78E-03	2.45E-04	1.14E+00	5.66E-01	1.34E+02	1.78E-03	1.33E+02	1.33E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
NDN404A	3.24E-02	3.48E+00	-2.61E-02	3.51E+00	2.60E-06	0.00E+00	2.33E+03	2.17E-04	2.44E-03	2.66E-02	4.05E-03	1.09E+01	4.14E-08	2.45E-07	1.98E+01	5.68E-01	5.55E-03	1.76E-01	5.22E-02	6.54E-01	1.25E+02	3.86E+00	4.52E-07	2.08E-07	9.92E-03	2.75E-04	1.20E+00	9.57E-01	1.28E+02	1.80E-03	1.28E+02	1.29E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
NDN404N	3.33E-02	3.31E+00	-5.45E-02	3.33E+00	2.55E-06	0.00E+00	2.37E+03	1.63E-04	2.45E-03	2.67E-02	3.70E-03	1.09E+01	6.02E-08	2.46E-07	1.74E+01	3.41E-01	5.50E-03	1.81E-01	5.07E-02	6.44E-01	1.15E+02	3.63E+00	4.99E-07	2.04E-07	1.07E-02	2.71E-04	1.15E+00	1.27E+00	1.19E+02	8.70E-04	1.18E+02	1.23E+02	2.71E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NDN406	2.91E-02	2.47E+00	-1.77E-02	2.45E+00	2.15E-06	0.00E+00	1.16E+03	1.31E-04	2.20E-03	2.28E-02	3.81E-03	5.97E+00	2.51E-08	1.61E-07	1.00E+01	3.37E-01	5.21E-03	1.69E-01	3.67E-02	5.99E-01	1.28E+02	2.75E+00	3.99E-07	1.88E-07	9.59E-03	2.40E-04	9.23E-01	6.75E-01	1.32E+02	1.74E-03	1.31E+02	1.31E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NDN406A	2.93E-02	2.52E+00	-2.07E-02	2.52E+00	2.30E-06	0.00E+00	2.07E+03	1.32E-04	2.29E-03	2.43E-02	3.83E-03	6.06E+00	3.03E-08	1.61E-07	1.01E+01	3.45E-01	5.32E-03	1.69E-01	3.71E-02	5.97E-01	1.29E+02	2.44E+00	3.92E-07	1.88E-07	9.60E-03	2.41E-04	9.25E-01	7.05E-01	1.34E+02	1.75E-03	1.33E+02	1.33E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NDN406N	3.11E-02	3.27E+00	-5.78E-02	3.29E+00	2.28E-06	0.00E+00	2.36E+03	1.08E-04	2.46E-03	2.63E-02	3.61E-03	6.10E+00	5.99E-08	1.61E-07	9.97E+00	2.33E-01	5.40E-03	1.63E-01	3.75E-02	6.23E-01	1.19E+02	3.49E+00	4.36E-07	1.87E-07	1.05E-02	2.63E-04	1.07E+00	1.27E+00	1.23E+02	8.79E-04	1.23E+02	1.27E+02	2.64E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NDN406P	3.03E-02	3.29E+00	-4.88E-02	3.35E+00	1.92E-06	0.00E+00	2.30E+03	1.29E-04	2.51E-03	2.66E-02	3.80E-03	5.39E+00	2.82E-07	1.55E-07	9.41E+00	3.16E-01	5.41E-03	1.70E-01	4.13E-02	5.98E-01	1.21E+02	3.72E+00	4.58E-07	1.92E-07	9.92E-03	2.42E-04	8.79E-01	1.28E+00	1.26E+02	2.44E-03	1.26E+02	1.29E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NDN410	2.99E-02	3.12E+00	-3.68E-02	3.20E+00	2.44E-06	0.00E+00	2.43E+03	1.73E-04	2.31E-03	2.47E-02	3.49E-03	1.00E+01	4.35E-08	2.23E-07	1.61E+01	4.27E-01	5.23E-03	1.69E-01	3.59E-02	5.62E-01	1.25E+02	3.35E+00	4.68E-07	2.04E-07	9.72E-03	2.45E-04	9.49E-01	9.68E-01	1.28E+02	9.09E-04	1.26E+02	1.35E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NDN410A	2.86E-02	3.17E+00	-3.26E-02	3.24E+00	2.43E-06	0.00E+00	2.33E+03	1.91E-04	2.41E-03	2.58E-02	3.74E-03	9.90E+00	3.39E-08	2.14E-07	1.83E+01	4.99E-01	5.16E-03	1.72E-01	3.79E-02	6.06E-01	1.31E+02	3.77E+00	3.86E-07	1.88E-07	9.49E-03	2.43E-04	1.05E+00	9.47E-01	1.34E+02	1.81E-03	1.34E+02	1.35E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NDN410N	3.22E-02	3.29E+00	-5.98E-02	3.39E+00	2.41E-06	0.00E+00	2.39E+03	1.84E-04	2.63E-03	2.74E-02	3.76E-03	9.71E+00	4.53E-08	2.16E-07	1.70E+01	3.57E-01	5.48E-03	1.61E-01	4.41E-02	6.24E-01	1.17E+02	3.40E+00	6.07E-07	1.92E-07	1.07E-02	2.79E-04	9.54E-01	1.26E+00	1.25E+02	8.92E-04	1.24E+02	1.33E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NDN410P	2.87E-02	3.09E+00	-3.75E-02	3.15E+00	2.03E-06	0.00E+00	2.36E+03	1.52E-04	2.50E-03	2.64E-02	3.59E-03	9.10E+00	4.12E-08	2.08E-07	1.57E+01	3.24E-01	5.17E-03	1.71E-01	4.17E-02	6.03E-01	1.25E+02	3.69E+00	4.66E-07	1.88E-07	9.75E-03	2.39E-04	9.46E-01	9.06E-01	1.28E+02	7.97E-04	1.28E+02	1.32E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NDN413	2.98E-02	3.17E+00	-3.03E-02	3.25E+00	2.37E-06	0.00E+00	2.33E+03	2.00E-04	2.44E-03	2.65E-02	3.81E-03	1.02E+01	3.33E-08	2.28E-07	1.89E+01	4.65E-01	5.22E-03	1.68E-01	4.04E-02	6.09E-01	1.31E+02	3.76E+00	3.93E-07	1.96E-07	9.74E-03	2.44E-04	1.07E+00	9.51E-01	1.33E+02	1.86E-03	1.33E+02	1.34E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
NDN416	2.57E-02	3.37E+00	-2.96E-02	3.40E+00	2.44E-06	0.00E+00	2.40E+03	1.55E-04	2.26E-03	2.45E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.59E+01	3.76E-01	5.30E-03	1.69E-01	3.84E-02	6.36E-01	1.36E+02	3.91E+00	3.50E-07	1.71E-07	9.04E-03	2.66E-04	1.12E+00	9.11E-01	1.40E+02	1.82E-03	1.40E+02	1.42E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NDN416A	2.57E-02	3.37E+00	-2.96E-02	3.40E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.26E-03	2.44E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.84E-02	6.36E-01	1.35E+02	3.91E+00	3.50E-07	1.70E-07	9.03E-03	2.66E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NDN416N	3.28E-02	3.30E+00	-5.81E-02	3.41E+00	2.44E-06	0.00E+00	2.40E+03	2.04E-04	2.63E-03	2.78E-02	3.82E-03	1.06E+01	4.56E-08	2.36E-07	1.80E+01	3.89E-01	5.55E-03	1.63E-01	4.71E-02	6.48E-01	1.18E+02	3.54E+00	6.18E-07	2.00E-07	1.08E-02	2.87E-04	9.98E-01	1.26E+00	1.26E+02	8.72E-04	1.24E+02	1.34E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
NDN416P	3.09E-02	3.12E+00	-2.74E-02	3.19E+00	2.02E-06	0.00E+00	2.16E+03	1.69E-04	2.49E-03	2.70E-02	3.65E-03	9.75E+00	2.66E-08	2.30E-07	1.63E+01	3.49E-01	5.33E-03	1.70E-01	4.42E-02	5.97E-01	1.23E+02	3.74E+00	4.72E-07	1.96E-07	9.97E-03	2.41E-04	9.53E-01	7.47E-01	1.29E+02	8.29E-04	1.28E+02	1.32E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NDN420	3.03E-02	3.43E+00	-2.74E-02	3.48E+00	2.39E-06	0.00E+00	2.34E+03	2.18E-04	2.42E-03	2.64E-02	3.94E-03	1.07E+01	4.18E-08	2.35E-07	2.01E+01	5.43E-01	5.41E-03	1.70E-01	4.29E-02	6.16E-01	1.31E+02	3.78E+00	3.88E-07	1.97E-07	9.78E-03	2.48E-04	1.14E+00	9.67E-01	1.35E+02	1.81E-03	1.35E+02	1.37E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NDN420A	3.02E-02	3.46E+00	-2.73E-02	3.51E+00	2.46E-06	0.00E+00	2.34E+03	2.29E-04	2.41E-03	2.64E-02	3.95E-03	1.07E+01	4.18E-08	2.39E-07	2.02E+01	6.00E-01	5.41E-03	1.71E-01	4.30E-02	6.14E-01	1.32E+02	3.80E+00	3.81E-07	1.97E-07	9.77E-03	2.49E-04	1.16E+00	9.61E-01	1.36E+02	1.83E-03	1.36E+02	1.38E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NDN420N	3.45E-02	3.32E+00	-5.58E-02	3.44E+00	2.60E-06	0.00E+00	2.39E+03	2.07E-04	2.67E-03	2.81E-02	3.91E-03	1.14E+01	4.13E-08	2.47E-07	1.87E+01	3.93E-01	5.64E-03	1.86E-01	5.59E-02	6.48E-01	1.15E+02	3.57E+00	7.18E-07	2.12E-07	1.09E-02	2.86E-04	1.08E+00	1.27E+00	1.22E+02	8.53E-04	1.20E+02	1.30E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
NDN420P	3.09E-02	3.31E+00	-3.24E-02	3.35E+00	2.06E-06	0.00E+00	2.37E+03	1.63E-04	2.51E-03	2.70E-02	3.74E-03	9.88E+00	4.31E-08	2.35E-07	1.65E+01	3.29E-01	5.41E-03	1.69E-01	4.63E-02	6.13E-01	1.26E+02	3.76E+00	4.72E-07	1.96E-07	9.95E-03	2.45E-04	1.01E+00	9.06E-01	1.29E+02	8.15E-04	1.29E+02	1.35E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
NDN425	2.85E-02	3.40E+00	-2.35E-02	3.42E+00	2.49E-06	0.00E+00	2.45E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.14E-08	2.33E-07	2.11E+01	6.89E-01	5.50E-03	1.73E-01	4.42E-02	6.17E-01	1.33E+02	3.96E+00	3.68E-07	1.86E-07	9.13E-03	2.62E-04	1.13E+00	9.26E-01	1.37E+02	1.85E-03	1.37E+02	1.39E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NDN425A	3.23E-02	3.45E+00	-1.98E-02	3.48E+00	2.40E-06	0.00E+00	2.32E+03	3.24E-04	2.47E-03	2.69E-02	3.94E-03	1.20E+01	3.46E-08	3.00E-07	2.34E+01	8.64E-01	5.39E-03	1.70E-01	4.57E-02	6.36E-01	1.31E+02	3.82E+00	4.07E-07	2.11E-07	9.84E-03	2.50E-04	1.31E+00	9.51E-01	1.34E+02	1.83E-03	1.34E+02	1.36E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NDN425N	3.87E-02	3.34E+00	-5.16E-02	3.45E+00	2.60E-06	0.00E+00	2.39E+03	4.54E-04	2.69E-03	2.85E-02	3.90E-03	1.44E+01	4.13E-08	3.45E-07	2.35E+01	1.19E+00	5.63E-03	1.86E-01	6.19E-02	6.52E-01	1.15E+02	3.59E+00	7.44E-07	2.30E-07	1.09E-02	2.86E-04	1.33E+00	1.27E+00	1.22E+02	8.52E-04	1.20E+02	1.30E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
NDN425P	3.47E-02	2.48E+00	-2.81E-03	2.45E+00	1.80E-06	0.00E+00	9.89E+02	3.31E-04	2.26E-03	2.35E-02	3.76E-03	1.20E+01	2.12E-08	3.14E-07	2.01E+01	8.40E-01	5.45E-03	1.68E-01	5.26E-02	6.21E-01	1.23E+02	2.78E+00	4.88E-07	2.16E-07	9.89E-03	2.62E-04	1.28E+00	4.86E-01	1.29E+02	8.48E-04	1.28E+02	1.32E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
NDN432	3.89E-02	2.53E+00	-8.55E-03	2.54E+00	2.44E-06	0.00E+00	1.73E+03	5.03E-04	2.45E-03	2.60E-02	4.16E-03	1.51E+01	3.13E-08	3.91E-07	3.10E+01	1.46E+00	5.59E-03	1.77E-01	5.77E-02	6.50E-01	1.16E+02	2.41E+00	5.02E-07	2.43E-07	1.09E-02	2.92E-04	1.35E+00	7.14E-01	1.23E+02	2.07E-03	1.22E+02	1.22E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NDN432A	3.66E-02	3.54E+00	-7.86E-03	3.55E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.52E-03	2.68E-02	4.35E-03	1.57E+01	4.92E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.73E-02	6.80E-01	1.30E+02	4.14E+00	4.01E-07	2.38E-07	1.05E-02	2.90E-04	1.57E+00	9.55E-01	1.34E+02	2.02E-03	1.34E+02	1.36E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NDN432N	3.87E-02	3.33E+00	-4.71E-02	3.35E+00	2.58E-06	0.00E+00	2.35E+03	4.26E-04	2.53E-03	2.75E-02	3.78E-03	1.43E+01	5.93E-08	3.46E-07	2.38E+01	1.07E+00	5.56E-03	1.81E-01	6.11E-02	6.70E-01	1.10E+02	3.78E+00	5.64E-07	2.37E-07	1.08E-02	2.75E-04	1.41E+00	1.27E+00	1.14E+02	8.87E-04	1.13E+02	1.18E+02	2.85E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+00
NDN432P	3.91E-02	3.36E+00	-2.63E-02	3.41E+00	2.07E-06	0.00E+00	2.29E+03	4.78E-04	2.59E-03	2.79E-02	3.96E-03	1.47E+01	2.79E-07	3.73E-07	2.62E+01	1.28E+00	5.64E-03	1.82E-01	6.04E-02	6.66E-01	1.12E+02	3.89E+00	5.77E-07	2.47E-07	1.02E-02	2.75E-04	1.39E+00	1.27E+00	1.16E+02	2.47E-03	1.17E+02	1.21E+02	2.70E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+00
NDN440	3.90E-02	2.49E+00	1.30E-03	2.47E+00	2.34E-06	0.00E+00	1.53E+03	5.05E-04	2.39E-03	2.45E-02	4.19E-03	1.65E+01	2.69E-08	4.09E-07	3.65E+01	1.45E+00	5.62E-03	1.75E-01	5.82E-02	6.49E-01	1.13E+02	2.74E+00	4.60E-07	2.46E-07	1.11E-02	2.94E-04	1.35E+00	6.85E-01	1.20E+02	2.12E-03	1.20E+02	1.20E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NDN440A	4.81E-02	3.58E+00	8.88E-03	3.57E+00	2.69E-06	0.00E+00	1.74E+03	6.22E-04	2.77E-03	3.00E-02	4.42E-03	2.38E+01	5.28E-08	5.69E-07	5.04E+01	1.80E+00	5.98E-03	1.72E-01	6.98E-02	7.42E-01	1.12E+02	4.14E+00	4.48E-07	3.07E-07	1.19E-02	3.17E-04	2.05E+00	9.92E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
NDN440N	3.86E-02	3.32E+00	-4.74E-02	3.35E+00	2.58E-06	0.00E+00	2.35E+03	4.18E-04	2.53E-03	2.75E-02	3.78E-03	1.42E+01	5.93E-08	3.45E-07	2.32E+01	1.04E+00	5.56E-03	1.81E-01	6.11E-02	6.66E-01	1.10E+02	3.78E+00	5.28E-07	2.34E-07	1.08E-02	2.75E-04	1.40E+00	1.27E+00	1.14E+02	8.87E-04	1.13E+02	1.19E+02	2.85E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
NDN440P	4.29E-02	3.36E+00	-3.49E-02	3.41E+00	2.06E-06	0.00E+00	2.29E+03	4.59E-04	2.61E-03	2.80E-02	4.00E-03	1.87E+01	2.75E-07	4.40E-07	2.90E+01	1.23E+00	5.87E-03	1.82E-01	6.44E-02	7.36E-01	1.12E+02	3.90E+00	5.88E-07	2.75E-07	1.03E-02	2.79E-04	1.92E+00	1.27E+00	1.16E+02	2.33E-03	1.16E+02	1.20E+02	3.06E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00
NDN450	3.96E-02	2.49E+00	1.72E-03	2.47E+00	2.34E-06	0.00E+00	1.54E+03	5.26E-04	2.39E-03	2.45E-02	4.21E-03	1.67E+01	2.63E-08	4.14E-07	3.83E+01	1.56E+00	5.63E-03	1.75E-01	5.83E-02	6.54E-01	1.13E+02	2.73E+00	5.02E-07	2.49E-07	1.12E-02	2.95E-04	1.40E+00	6.85E-01	1.20E+02	2.12E-03	1.19E+02	1.20E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
NDN450A	4.88E-02	3.58E+00	9.61E-03	3.57E+00	2.69E-06	0.00E+00	1.74E+03	6.22E-04	2.77E-03	3.00E-02	4.46E-03	2.44E+01	5.30E-08	5.80E-07	5.17E+01	1.80E+00	6.03E-03	1.72E-01	7.07E-02	7.20E-01	1.11E+02	4.14E+00	4.51E-07	3.07E-07	1.19E-02	3.18E-04	2.05E+00	9.96E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
NDN450N	4.51E-02	3.34E+00	-4.59E-02	3.35E+00	2.58E-06	0.00E+00	2.35E+03	4.33E-04	2.55E-03	2.77E-02	3.88E-03	2.04E+01	5.89E-08	4.57E-07	3.06E+01	1.09E+00	6.01E-03	1.81E-01	6.27E-02	8.21E-01	1.10E+02	3.78E+00	5.73E-07	2.86E-07	1.10E-02	2.84E-04	2.29E+00	1.27E+00	1.14E+02	9.04E-04	1.13E+02	1.18E+02	3.36E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+00
NDN450P	4.50E-02	3.38E+00	-1.03E-02	3.42E+00	2.06E-06	0.00E+00	2.29E+03	5.00E-04	2.62E-03	2.80E-02	4.00E-03	2.07E+01	2.78E-07	4.74E-07	3.30E+01	1.33E+00	5.98E-03	1.82E-01	6.51E-02	7.67E-01	1.14E+02	3.88E+00	5.91E-07	2.95E-07	1.05E-02	2.81E-04	2.16E+00	9.04E-01	1.17E+02	2.47E-03	1.17E+02	1.22E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
NDN463	4.92E-02	3.55E+00	1.21E-02	3.54E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.76E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.78E-01	1.12E+02	4.14E+00	4.53E-07	3.18E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NDN463A	4.93E-02	3.57E+00	1.21E-02	3.55E+00	2.69E-06	0.00E+00	1.76E+03	6.21E-04	2.76E-03	3.00E-02	4.48E-03	2.45E+01	5.55E-08	5.84E-07	5.21E+01	1.79E+00	6.07E-03	1.72E-01	7.20E-02	7.79E-01	1.13E+02	4.17E+00	4.54E-07	3.18E-07	1.20E-02	3.19E-04	2.13E+00	9.68E-01	1.17E+02	2.40E-03	1.17E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+00
NDN463N	4.51E-02	3.34E+00	-4.59E-02	3.35E+00	2.58E-06	0.00E+00	2.36E+03	4.33E-04	2.55E-03	2.77E-02	3.88E-03	2.04E+01	5.89E-08	4.57E-07	3.06E+01	1.09E+00	6.04E-03	1.81E-01	6.28E-02	8.33E-01	1.10E+02	3.78E+00	5.79E-07	2.87E-07	1.10E-02	2.84E-04	2.29E+00	1.27E+00	1.14E+02	9.04E-04	1.13E+02	1.18E+02	3.36E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+00
NDN463P	4.52E-02	3.37E+00	-3.22E-02	3.42E+00	2.05E-06	0.00E+00	2.29E+03	4.72E-04	2.62E-03	2.81E-02	4.06E-03	2.06E+01	2.74E-07	4.74E-07	3.28E+01	1.28E+00	6.04E-03	1.83E-01	6.50E-02	7.88E-01	1.12E+02	3.91E+00	5.95E-07	2.95E-07	1.05E-02	2.82E-04	2.21E+00	1.27E+00	1.16E+02	2.33E-03	1.16E+02	1.20E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	2.75E+00
NEN106	6.91E-03	9.06E-01	-1.09E-02	9.31E-01	9.68E-07	0.00E+00	6.11E+02	4.34E-05	6.05E-04	6.47E-03	9.79E-04	1.82E+00	1.93E-08	5.90E-08	3.91E+00	1.06E-01	1.36E-03	4.48E-02	1.03E-02	1.68E-01	3.50E+01	1.03E+00	8.72E-08	4.56E-08	2.43E-03	5.83E-05	3.73E-01	2.52E-01	3.64E+01	4.22E-04	3.64E+01	3.70E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-01
NEN110	5.98E-03	8.18E-01	-9.70E-03	8.27E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.17E-04	5.57E-03	9.77E-04	1.75E+00	1.25E-08	4.20E-08	4.66E+00	9.46E-02	1.32E-03	4.22E-02	9.24E-03	1.35E-01	3.33E+01	1.02E+00	8.51E-08	3.94E-08	2.08E-03	5.28E-05	2.37E-01	2.35E-01	3.43E+01	4.21E-04	3.43E+01	3.48E+01	4.73E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NEN113	8.57E-03	9.21E-01	-2.37E-02	9.34E-01	1.15E-06	0.00E+00	9.71E+02	4.81E-05	7.12E-04	7.69E-03	1.07E-03	2.38E+00	2.40E-08	6.02E-08	4.83E+00	1.12E-01	1.49E-03	5.08E-02	1.14E-02	1.71E-01	3.53E+01	1.26E+00	1.08E-07	5.16E-08	2.51E-03	6.22E-05	3.75E-01	5.19E-01	3.64E+01	4.28E-04	3.65E+01	3.72E+01	8.26E-01	0.00E+00	0.00E+00	0.00E+00	4.96E-01
NEN116	7.11E-03	9.02E-01	-1.17E-02	9.17E-01	9.99E-07	0.00E+00	6.66E+02	4.41E-05	6.17E-04	6.64E-03	1.03E-03	2.00E+00	1.93E-08	5.85E-08	3.99E+00	9.84E-02	1.39E-03	4.96E-02	1.04E-02	1.69E-01	3.49E+01	1.14E+00	1.02E-07	4.69E-08	2.41E-03	5.85E-05	3.74E-01	4.05E-01	3.64E+01	4.18E-04	3.66E+01	3.72E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-01
NEN120	8.50E-03	9.09E-01	-1.77E-02	9.22E-01	1.00E-06	0.00E+00	6.96E+02	5.62E-05	6.20E-04	6.78E-03	1.08E-03	2.48E+00	1.96E-08	6.02E-08	4.97E+00	1.57E-01	1.46E-03	5.01E-02	1.13E-02	1.71E-01	3.44E+01	1.16E+00	1.04E-07	5.16E-08	2.48E-03	6.03E-05	3.79E-01	4.05E-01	3.56E+01	4.20E-04	3.58E+01	3.66E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
NEN125	8.81E-03	8.91E-01	-7.13E-03	9.04E-01	9.93E-07	0.00E+00	6.31E+02	7.32E-05	6.23E-04	6.75E-03	9.81E-04	3.39E+00	1.94E-08	8.66E-08	6.02E+00	2.05E-01	1.36E-03	4.51E-02	1.34E-02	1.66E-01	3.34E+01	1.02E+00	9.18E-08	5.53E-08	2.58E-03	6.17E-05	5.16E-01	2.52E-01	3.51E+01	4.37E-04	3.51E+01	3.58E+01	9.50E-01	0.00E+00	0.00E+00	0.00E+00	5.83E-01
NEN132	9.80E-03	9.12E-01	-6.17E-03	9.21E-01	1.01E-06	0.00E+00	5.35E+02	9.07E-05	6.72E-04	7.18E-03	1.08E-03	4.26E+00	1.97E-08	1.04E-07	7.62E+00	2.57E-01	1.48E-03	4.63E-02	1.53E-02	1.71E-01	3.27E+01	1.05E+00	9.98E-08	6.27E-08	2.73E-03	6.32E-05	5.63E-01	2.69E-01	3.40E+01	4.63E-04	3.40E+01	3.42E+01	9.64E-01	0.00E+00	0.00E+00	0.00E+00	6.52E-01
NEN140	1.05E-02	9.03E-01	-3.76E-03	9.03E-01	1.01E-06	0.00E+00	5.60E+02	1.11E-04	6.32E-04	6.92E-03	1.05E-03	5.18E+00	1.83E-08	1.23E-07	9.66E+00	3.15E-01	1.43E-03	4.34E-02	1.45E-02	1.69E-01	3.15E+01	1.05E+00	1.01E-07	6.50E-08	2.68E-03	6.55E-05	6.16E-01	2.26E-01	3.29E+01	5.24E-04	3.29E+01	3.35E+01	9.65E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
NEN150	1.07E-02	9.07E-01	-2.29E-03	9.06E-01	1.02E-06	0.00E+00	5.58E+02	1.33E-04	6.37E-04	6.94E-03	1.07E-03	5.23E+00	1.97E-08	1.19E-07	9.34E+00	3.61E-01	1.46E-03	4.35E-02	1.58E-02	1.69E-01	2.99E+01	1.06E+00	1.09E-07	6.67E-08	2.72E-03	6.63E-05	6.29E-01	2.26E-01	3.10E+01	5.45E-04	3.10E+01	3.19E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	6.62E-01
NEN163	1.21E-02	9.09E-01	-2.74E-03	9.14E-01	1.05E-06	0.00E+00	5.43E+02	1.43E-04	6.91E-04	7.53E-03	1.10E-03	6.45E+00	2.07E-08	1.46E-07	1.36E+01	4.11E-01	1.51E-03	4.54E-02	1.67E-02	1.83E-01	2.91E+01	1.06E+00	1.12E-07	7.90E-08	2.96E-03	6.76E-05	6.44E-01	2.69E-01	3.03E+01	5.50E-04	3.03E+01	3.10E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-01
NEN206	1.98E-02	1.88E+00	-1.02E-02	1.86E+00	1.46E-06	0.00E+00	1.19E+03	6.47E-05	1.27E-03	1.34E-02	1.74E-03	2.51E+00	2.00E-08	7.17E-08	5.02E+00	1.71E-01	2.48E-03	9.30E-02	2.47E-02	3.61E-01	6.40E+01	1.56E+00	3.16E-07	1.24E-07	5.98E-03	1.39E-04	6.40E-01	3.90E-01	6.69E+01	9.24E-04	6.62E+01	6.75E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NEN210	1.90E-02	1.92E+00	-2.14E-02	1.93E+00	1.54E-06	0.00E+00	1.21E+03	1.12E-04	1.59E-03	1.68E-02	1.73E-03	4.09E+00	2.63E-08	1.15E-07	5.70E+00	2.68E-01	2.46E-03	9.41E-02	2.23E-02	3.61E-01	6.41E+01	2.06E+00	3.20E-07	1.21E-07	5.84E-03	1.40E-04	8.27E-01	5.24E-01	6.65E+01	9.11E-04	6.61E+01	6.82E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NEN216	2.03E-02	1.91E+00	-2.01E-02	1.93E+00	1.65E-06	0.00E+00	1.16E+03	1.11E-04	1.56E-03	1.66E-02	1.76E-03	4.22E+00	2.59E-08	1.14E-07	5.72E+00	2.49E-01	2.52E-03	9.41E-02	2.58E-02	3.65E-01	6.37E+01	2.05E+00	3.20E-07	1.26E-07	5.89E-03	1.41E-04	8.39E-01	5.71E-01	6.62E+01	9.15E-04	6.59E+01	6.78E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NEN220	2.16E-02	1.91E+00	-2.25E-02	1.93E+00	1.65E-06	0.00E+00	1.20E+03	1.25E-04	1.56E-03	1.66E-02	1.87E-03	4.83E+00	2.62E-08	1.37E-07	7.68E+00	3.20E-01	2.77E-03	9.54E-02	3.13E-02	3.76E-01	6.33E+01	2.06E+00	3.22E-07	1.35E-07	5.95E-03	1.42E-04	8.75E-01	5.72E-01	6.60E+01	9.23E-04	6.58E+01	6.77E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NEN225	2.21E-02	1.91E+00	-1.60E-02	1.92E+00	1.57E-06	0.00E+00	1.15E+03	2.04E-04	1.56E-03	1.66E-02	1.98E-03	7.24E+00	2.49E-08	2.01E-07	1.56E+01	5.14E-01	2.74E-03	9.44E-02	3.15E-02	3.79E-01	6.29E+01	2.18E+00	3.23E-07	1.40E-07	5.97E-03	1.44E-04	9.44E-01	5.03E-01	6.56E+01	9.20E-04	6.54E+01	6.71E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NEN232	2.24E-02	1.85E+00	-5.55E-03	1.85E+00	1.74E-06	0.00E+00	1.02E+03	2.18E-04	1.28E-03	1.35E-02	2.02E-03	8.03E+00	2.20E-08	2.17E-07	1.76E+01	5.68E-01	2.83E-03	9.60E-02	3.02E-02	3.72E-01	6.22E+01	1.51E+00	3.17E-07	1.42E-07	5.93E-03	1.43E-04	9.68E-01	3.91E-01	6.48E+01	9.69E-04	6.43E+01	6.59E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NEN240	2.21E-02	1.91E+00	-9.98E-03	1.92E+00	1.74E-06	0.00E+00	1.16E+03	2.11E-04	1.54E-03	1.63E-02	2.11E-03	8.72E+00	2.49E-08	2.16E-07	1.83E+01	5.64E-01	2.90E-03	9.53E-02	3.13E-02	3.84E-01	6.11E+01	2.13E+00	3.13E-07	1.38E-07	5.98E-03	1.45E-04	9.58E-01	5.08E-01	6.35E+01	9.36E-04	6.33E+01	6.56E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NEN250	2.29E-02	1.92E+00	-8.63E-03	1.92E+00	1.72E-06	0.00E+00	1.14E+03	2.43E-04	1.55E-03	1.65E-02	2.15E-03	9.28E+00	2.65E-08	2.36E-07	1.89E+01	6.58E-01	2.97E-03	9.58E-02	3.13E-02	3.97E-01	6.11E+01	2.21E+00	3.38E-07	1.47E-07	5.99E-03	1.47E-04	1.00E+00	5.08E-01	6.33E+01	1.03E-03	6.32E+01	6.51E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
NEN263	2.60E-02	1.88E+00	-4.27E-03	1.89E+00	1.70E-06	0.00E+00	1.02E+03	3.53E-04	1.29E-03	1.36E-02	2.13E-03	1.26E+01	2.24E-08	3.18E-07	2.68E+01	9.81E-01	2.94E-03	9.59E-02	3.57E-02	3.97E-01	6.12E+01	1.55E+00	3.72E-07	1.64E-07	5.97E-03	1.47E-04	1.19E+00	5.04E-01	6.35E+01	1.08E-03	6.34E+01	6.57E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NEN306	2.12E-02	2.42E+00	-7.55E-03	2.42E+00	1.75E-06	0.00E+00	1.15E+03	1.15E-04	1.66E-03	1.77E-02	2.84E-03	4.60E+00	2.34E-08	1.58E-07	7.19E+00	2.93E-01	3.84E-03	1.21E-01	3.00E-02	4.71E-01	1.01E+02	2.85E+00	2.98E-07	1.37E-07	7.12E-03	1.83E-04	9.33E-01	6.17E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NEN310	2.12E-02	2.75E+00	-3.12E-02	2.79E+00	1.96E-06	0.00E+00	1.70E+03	1.58E-04	1.83E-03	1.95E-02	2.81E-03	6.83E+00	3.08E-08	1.77E-07	1.47E+01	3.75E-01	3.82E-03	1.23E-01	3.02E-02	4.74E-01	1.01E+02	3.01E+00	2.83E-07	1.37E-07	7.12E-03	1.87E-04	9.46E-01	7.62E-01	1.04E+02	1.33E-03	1.04E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NEN313	2.21E-02	2.76E+00	-3.59E-02	2.83E+00	2.27E-06	0.00E+00	1.76E+03	1.58E-04	1.90E-03	2.02E-02	3.04E-03	7.59E+00	4.01E-08	1.83E-07	1.56E+01	3.91E-01	4.10E-03	1.23E-01	3.26E-02	5.52E-01	1.04E+02	3.07E+00	2.84E-07	1.46E-07	7.43E-03	2.06E-04	9.85E-01	9.04E-01	1.05E+02	1.36E-03	1.06E+02	1.07E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NEN316	2.20E-02	2.73E+00	-2.55E-02	2.80E+00	2.00E-06	0.00E+00	1.65E+03	1.57E-04	1.84E-03	1.96E-02	2.88E-03	7.09E+00	3.12E-08	1.79E-07	1.52E+01	3.71E-01	3.89E-03	1.23E-01	3.12E-02	4.80E-01	1.01E+02	3.02E+00	2.83E-07	1.42E-07	7.14E-03	1.89E-04	9.65E-01	7.62E-01	1.04E+02	1.35E-03	1.04E+02	1.05E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NEN320	2.22E-02	2.76E+00	-3.35E-02	2.82E+00	2.11E-06	0.00E+00	1.70E+03	1.70E-04	1.87E-03	2.00E-02	3.00E-03	7.56E+00	3.14E-08	1.83E-07	1.59E+01	4.32E-01	4.05E-03	1.26E-01	3.28E-02	5.36E-01	1.04E+02	3.07E+00	2.83E-07	1.44E-07	7.36E-03	2.06E-04	9.55E-01	8.21E-01	1.05E+02	1.35E-03	1.06E+02	1.07E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00

NEN325	2.37E-02	2.78E+00	-2.03E-02	2.88E+00	2.21E-06	0.00E+00	1.65E+03	1.99E-04	1.89E-03	2.05E-02	2.99E-03	8.66E+00	3.14E-08	2.12E-07	1.78E+01	4.74E-01	4.05E-03	1.26E-01	3.63E-02	5.37E-01	1.02E+02	3.10E+00	3.15E-07	1.57E-07	7.47E-03	2.09E-04	1.06E+00	7.70E-01	1.06E+02	1.40E-03	1.06E+02	1.07E+02	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NEN332	2.89E-02	2.44E+00	-1.17E-02	2.44E+00	2.15E-06	0.00E+00	1.03E+03	3.55E-04	1.76E-03	1.89E-02	3.15E-03	1.15E+01	2.72E-08	3.21E-07	2.53E+01	9.63E-01	4.25E-03	1.28E-01	4.28E-02	5.42E-01	1.00E+02	2.69E+00	3.32E-07	1.82E-07	7.85E-03	2.02E-04	1.18E+00	6.54E-01	1.04E+02	1.54E-03	1.03E+02	1.05E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NEN340	2.53E-02	2.44E+00	-1.09E-02	2.44E+00	2.14E-06	0.00E+00	1.03E+03	2.38E-04	1.88E-03	1.98E-02	3.17E-03	1.01E+01	2.73E-08	2.36E-07	2.08E+01	6.47E-01	4.29E-03	1.27E-01	3.82E-02	5.54E-01	9.79E+01	2.73E+00	3.26E-07	1.80E-07	8.36E-03	2.14E-04	1.04E+00	6.55E-01	1.01E+02	1.62E-03	1.01E+02	1.02E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NEN363	3.17E-02	2.44E+00	-1.45E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.96E-04	1.87E-03	1.97E-02	3.16E-03	1.46E+01	2.59E-08	3.44E-07	3.25E+01	1.12E+00	4.29E-03	1.25E-01	4.58E-02	5.52E-01	9.47E+01	2.65E+00	4.56E-07	2.04E-07	8.62E-03	2.12E-04	1.32E+00	5.38E-01	9.85E+01	1.65E-03	9.80E+01	1.00E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
NEN406	2.95E-02	2.52E+00	-2.12E-02	2.51E+00	2.21E-06	0.00E+00	2.04E+03	1.28E-04	2.31E-03	2.43E-02	3.80E-03	5.54E+00	3.15E-08	1.59E-07	1.00E+01	3.16E-01	5.32E-03	1.68E-01	3.67E-02	5.96E-01	1.26E+02	2.41E+00	4.05E-07	1.90E-07	9.62E-03	2.40E-04	9.45E-01	6.70E-01	1.31E+02	1.69E-03	1.29E+02	1.29E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NEN410	2.88E-02	3.17E+00	-3.36E-02	3.24E+00	2.35E-06	0.00E+00	2.30E+03	1.76E-04	2.46E-03	2.61E-02	3.71E-03	9.81E+00	4.24E-08	2.07E-07	1.81E+01	4.33E-01	5.17E-03	1.72E-01	3.75E-02	6.02E-01	1.29E+02	3.71E+00	3.97E-07	1.91E-07	9.50E-03	2.41E-04	1.04E+00	9.12E-01	1.32E+02	1.76E-03	1.31E+02	1.32E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NEN416	2.97E-02	3.20E+00	-3.06E-02	3.30E+00	2.37E-06	0.00E+00	2.30E+03	1.96E-04	2.46E-03	2.65E-02	3.79E-03	1.06E+01	3.41E-08	2.29E-07	1.95E+01	4.79E-01	5.19E-03	1.71E-01	4.11E-02	6.05E-01	1.30E+02	3.72E+00	3.99E-07	1.98E-07	9.64E-03	2.43E-04	1.10E+00	8.50E-01	1.34E+02	1.72E-03	1.33E+02	1.34E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NEN420	3.05E-02	3.28E+00	-2.86E-02	3.38E+00	2.37E-06	0.00E+00	2.32E+03	2.17E-04	2.47E-03	2.68E-02	3.90E-03	1.07E+01	3.43E-08	2.33E-07	2.00E+01	5.43E-01	5.40E-03	1.69E-01	4.11E-02	6.07E-01	1.30E+02	3.73E+00	3.97E-07	1.98E-07	9.79E-03	2.46E-04	1.11E+00	8.59E-01	1.34E+02	1.73E-03	1.33E+02	1.34E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NEN425	3.28E-02	3.50E+00	-1.98E-02	3.54E+00	2.39E-06	0.00E+00	2.29E+03	3.24E-04	2.52E-03	2.71E-02	3.92E-03	1.22E+01	3.55E-08	3.08E-07	2.32E+01	8.36E-01	5.39E-03	1.70E-01	4.57E-02	6.31E-01	1.29E+02	3.78E+00	4.06E-07	2.17E-07	9.86E-03	2.49E-04	1.30E+00	8.97E-01	1.33E+02	1.78E-03	1.32E+02	1.34E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NEN432	3.87E-02	2.49E+00	-8.92E-03	2.47E+00	2.33E-06	0.00E+00	1.03E+03	5.00E-04	2.36E-03	2.43E-02	4.10E-03	1.50E+01	2.71E-08	3.93E-07	3.03E+01	1.42E+00	5.55E-03	1.79E-01	5.73E-02	6.46E-01	1.15E+02	2.72E+00	4.98E-07	2.46E-07	1.09E-02	2.93E-04	1.39E+00	6.65E-01	1.21E+02	2.05E-03	1.20E+02	1.21E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NEN440	3.89E-02	2.49E+00	-3.09E-03	2.47E+00	2.33E-06	0.00E+00	1.54E+03	5.05E-04	2.40E-03	2.45E-02	4.13E-03	1.63E+01	2.73E-08	4.13E-07	3.60E+01	1.42E+00	5.58E-03	1.77E-01	5.82E-02	6.45E-01	1.13E+02	2.73E+00	4.65E-07	2.50E-07	1.11E-02	2.94E-04	1.39E+00	6.67E-01	1.19E+02	2.08E-03	1.19E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NEN450	4.52E-02	2.53E+00	-1.33E-02	2.49E+00	2.46E-06	0.00E+00	1.03E+03	4.11E-04	2.18E-03	2.26E-02	3.81E-03	1.52E+01	2.89E-07	4.05E-07	2.29E+01	1.09E+00	5.66E-03	1.85E-01	5.35E-02	6.39E-01	1.18E+02	2.71E+00	5.52E-07	2.77E-07	1.02E-02	2.66E-04	1.45E+00	6.52E-01	1.22E+02	2.86E-03	1.21E+02	1.28E+02	2.70E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
NEN463	3.94E-02	2.49E+00	-1.68E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.25E-04	2.41E-03	2.45E-02	4.18E-03	1.65E+01	2.73E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.51E-01	1.13E+02	2.67E+00	5.15E-07	2.53E-07	1.11E-02	2.92E-04	1.43E+00	5.69E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NF100A	8.30E-03	8.69E-01	-7.78E-03	8.79E-01	8.99E-07	0.00E+00	4.01E+02	4.80E-05	5.58E-04	5.90E-03	1.06E-03	2.06E+00	1.10E-08	6.61E-08	4.66E+00	1.56E-01	1.43E-03	4.99E-02	1.23E-02	1.64E-01	3.73E+01	8.27E-01	1.42E-07	5.12E-08	2.40E-03	5.57E-05	2.75E-01	2.23E-01	3.83E+01	1.96E-03	3.83E+01	3.82E+01	4.79E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
NF101A	8.29E-03	8.70E-01	-7.89E-03	8.81E-01	9.00E-07	0.00E+00	4.07E+02	4.88E-05	5.56E-04	5.91E-03	1.07E-03	2.10E+00	1.10E-08	6.67E-08	4.73E+00	1.43E-01	1.45E-03	4.99E-02	1.23E-02	1.64E-01	3.71E+01	8.32E-01	1.43E-07	5.12E-08	2.40E-03	5.55E-05	2.49E-01	2.29E-01	3.81E+01	1.96E-03	3.80E+01	3.80E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
NF102A	9.45E-03	1.02E+00	-7.16E-03	1.08E+00	5.46E-07	0.00E+00	4.34E+02	6.19E-05	6.80E-04	7.56E-03	1.08E-03	3.70E+00	2.54E-08	8.91E-08	6.70E+00	1.55E-01	1.46E-03	5.47E-02	1.57E-02	2.80E-01	3.73E+01	1.20E+00	1.31E-07	6.51E-08	2.88E-03	1.18E-04	4.52E-01	2.43E-01	3.78E+01	3.09E-03	3.78E+01	3.80E+01	7.12E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-01
NF103A	8.27E-03	8.68E-01	-8.19E-03	8.78E-01	9.17E-07	0.00E+00	4.06E+02	4.81E-05	5.55E-04	5.90E-03	1.06E-03	2.08E+00	1.10E-08	6.57E-08	4.61E+00	1.41E-01	1.44E-03	4.94E-02	1.22E-02	1.65E-01	3.72E+01	8.22E-01	1.43E-07	5.07E-08	2.40E-03	5.45E-05	2.65E-01	2.23E-01	3.81E+01	1.96E-03	3.81E+01	3.83E+01	4.84E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
NF104A	8.23E-03	8.68E-01	-7.95E-03	8.78E-01	9.22E-07	0.00E+00	4.05E+02	4.77E-05	5.53E-04	5.89E-03	1.04E-03	2.10E+00	1.10E-08	6.58E-08	4.61E+00	1.40E-01	1.41E-03	4.98E-02	1.22E-02	1.65E-01	3.73E+01	8.24E-01	1.43E-07	5.05E-08	2.40E-03	5.48E-05	2.60E-01	2.22E-01	3.86E+01	1.96E-03	3.85E+01	3.88E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
NF106A	6.24E-03	8.50E-01	-9.33E-03	8.62E-01	9.15E-07	0.00E+00	6.94E+02	2.57E-05	5.04E-04	5.43E-03	8.89E-04	1.26E+00	1.02E-08	3.41E-08	2.69E+00	5.25E-02	1.23E-03	4.96E-02	1.09E-02	1.09E-01	3.66E+01	9.47E-01	1.25E-07	4.11E-08	2.04E-03	4.27E-05	1.47E-01	2.10E-01	3.77E+01	1.02E-04	3.77E+01	3.82E+01	3.69E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-01
NF110A	6.54E-03	8.60E-01	-9.20E-03	8.70E-01	8.92E-07	0.00E+00	6.91E+02	2.61E-05	5.16E-04	5.53E-03	7.99E-04	1.38E+00	1.02E-08	3.60E-08	3.04E+00	5.28E-02	1.25E-03	5.11E-02	9.78E-03	1.14E-01	3.66E+01	9.50E-01	1.25E-07	4.29E-08	2.11E-03	4.27E-05	1.53E-01	2.11E-01	3.75E+01	1.06E-04	3.75E+01	3.81E+01	3.69E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
NF116A	6.69E-03	8.63E-01	-9.20E-03	8.72E-01	8.92E-07	0.00E+00	6.91E+02	2.80E-05	5.24E-04	5.61E-03	9.38E-04	1.40E+00	1.03E-08	3.79E-08	3.28E+00	5.89E-02	1.26E-03	5.22E-02	9.90E-03	1.16E-01	3.70E+01	9.51E-01	1.25E-07	4.36E-08	2.13E-03	4.54E-05	1.55E-01	2.12E-01	3.80E+01	1.08E-04	3.80E+01	3.86E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	4.32E-01
NF120A	6.79E-03	8.64E-01	-8.83E-03	8.72E-01	8.98E-07	0.00E+00	6.91E+02	4.12E-05	5.26E-04	5.65E-03	9.51E-04	1.57E+00	4.73E-08	3.97E-08	3.68E+00	7.18E-02	1.27E-03	4.95E-02	1.00E-02	1.18E-01	3.71E+01	9.52E-01	1.26E-07	4.47E-08	2.15E-03	4.36E-05	1.60E-01	2.12E-01	3.79E+01	1.12E-04	3.79E+01	3.84E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	4.36E-01
NF125A	7.35E-03	8.69E-01	-8.55E-03	8.76E-01	7.75E-07	0.00E+00	6.97E+02	3.21E-05	5.35E-04	5.73E-03	9.57E-04	1.72E+00	1.04E-08	5.27E-08	3.93E+00	6.92E-02	1.30E-03	4.97E-02	1.04E-02	1.19E-01	3.72E+01	9.45E-01	1.29E-07	4.79E-08	2.22E-03	4.54E-05	1.88E-01	2.12E-01	3.81E+01	1.54E-04	3.81E+01	3.86E+01	3.89E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01
NF132A	1.13E-02	1.08E+00	-1.06E-03	1.08E+00	6.23E-07	0.00E+00	4.10E+02	1.59E-04	8.39E-04	9.11E-03	1.07E-03	4.84E+00	1.74E-08	1.29E-07	1.02E+01	4.62E-01	1.45E-03	5.98E-02	2.17E-02	1.87E-01	3.16E+01	1.07E+00	2.96E-07	7.28E-08	3.04E-03	7.20E-05	5.00E-01	2.59E-01	3.28E+01	3.16E-03	3.29E+01	3.67E+01	7.45E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
NF140A	1.12E-02	1.07E+00	4.27E-03	1.08E+00	6.27E-07	0.00E+00	4.21E+02	1.82E-04	8.27E-04	9.08E-03	1.06E-03	5.72E+00	1.76E-08	1.41E-07	1.20E+01	5.55E-01	1.44E-03	6.03E-02	2.22E-02	1.89E-01	3.11E+01	1.07E+00	2.95E-07	7.58E-08	3.19E-03	7.30E-05	5.16E-01	2.49E-01	3.21E+01	3.18E-03	3.21E+01	3.55E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-01
NF150A	1.26E-02	9.20E-01	4.24E-03	9.14E-01	9.62E-07	0.00E+00	3.83E+02	1.53E-04	6.62E-04	7.33E-03	1.08E-03	5.08E+00	1.16E-08	1.24E-07	1.08E+01	4.85E-01	1.46E-03	4.67E-02	1.76E-02	1.91E-01	3.18E+01	7.38E-01	1.92E-07	8.35E-08	2.93E-03	7.43E-05	4.85E-01	2.27E-01	3.27E+01	2.17E-03	3.27E+01	3.39E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
NF163A	1.28E-02	1.01E+00	5.25E-03	9.68E-01	9.75E-07	0.00E+00	3.86E+02	1.89E-04	8.23E-04	8.76E-03	1.10E-03	6.80E+00	1.35E-08	1.48E-07	1.52E+01	5.79E-01	1.48E-03	4.86E-02	1.84E-02	2.13E-01	3.15E+01	7.38E-01	1.92E-07	8.58E-08	3.06E-03	7.61E-05	5.20E-01	2.60E-01	3.27E+01	2.28E-03	3.27E+01	3.37E+01	7.65E-01	0.00E+00	0.00E+00	0.00E+00	7.99E-01
NF200A	1.68E-02	1.68E+00	-8.77E-03	1.70E+00	1.53E-06	0.00E+00	8.39E+02	6.51E-05	1.21E-03	1.21E-02	2.01E-03	2.21E+00	1.29E-08	8.34E-08	5.07E+00	2.25E-01	2.79E-03	9.72E-02	2.41E-02	3.24E-01	6.67E+01	1.54E+00	2.86E-07	1.10E-07	5.07E-03	1.29E-04	4.86E-01	2.52E-01	6.91E+01	3.58E-03	6.87E+01	7.06E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
NF201A	1.67E-02	1.70E+00	-9.49E-03	1.70E+00	1.61E-06	0.00E+00	8.28E+02	6.41E-05	1.16E-03	1.23E-02	2.03E-03	2.25E+00	1.49E-08	8.40E-08	5.04E+00	2.23E-01	2.82E-03	9.76E-02	2.42E-02	3.28E-01	6.72E+01	1.73E+00	2.86E-07	1.09E-07	5.04E-03	1.29E-04	4.83E-01	3.52E-01	6.96E+01	3.94E-03	6.91E+01	7.09E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
NF202A	2.09E-02	1.94E+00	-9.49E-03	1.95E+00	1.61E-06	0.00E+00	1.12E+03	7.07E-05	1.23E-03	1.26E-02	2.02E-03	3.70E+00	2.91E-08	1.15E-07	6.96E+00	1.85E-01	2.80E-03	9.59E-02	3.22E-02	3.13E-01	6.72E+01	1.69E+00	2.77E-07	1.35E-07	6.06E-03	1.57E-04	7.01E-01	2.71E-01	6.99E+01	3.70E-03	6.93E+01	6.88E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NF203A	1.68E-02	1.68E+00	-6.26E-03	1.69E+00	1.52E-06	0.00E+00	8.30E+02	1.47E-04	1.14E-03	1.19E-02	1.99E-03	3.89E+00	1.35E-08	1.15E-07	7.89E+00	3.71E-01	2.76E-03	9.71E-02	2.43E-02	3.21E-01	6.73E+01	1.52E+00	2.83E-07	1.10E-07	5.06E-03	1.29E-04	5.92E-01	2.52E-01	6.98E+01	3.56E-03	6.94E+01	7.10E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
NF204A	1.67E-02	1.68E+00	-7.74E-03	1.69E+00	1.56E-06	0.00E+00	8.29E+02	9.93E-05	1.16E-03	1.22E-02	2.03E-03	3.58E+00	1.49E-08	1.13E-07	7.37E+00	2.63E-01	2.81E-03	9.77E-02	2.43E-02	3.19E-01	6.72E+01	1.52E+00	2.84E-07	1.10E-07	5.03E-03	1.29E-04	5.74E-01	2.67E-01	6.97E+01	3.62E-03	6.93E+01	7.09E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
NF206A	1.44E-02	1.80E+00	-2.32E-02	1.81E+00	1.62E-06	0.00E+00	1.46E+03	5.32E-05	1.38E-03	1.46E-02	1.86E-03	2.20E+00	1.90E-08	6.66E-08	4.54E+00	1.12E-01	2.56E-03	9.40E-02	1.95E-02	2.69E-01	7.22E+01	2.13E+00	2.51E-07	8.88E-08	4.64E-03	1.05E-04	3.04E-01	5.39E-01	7.44E+01	2.25E-04	7.45E+01	7.51E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	9.00E-01
NF210A	1.26E-02	1.64E+00	-1.61E-02	1.65E+00	1.46E-06	0.00E+00	1.36E+03	5.55E-05	1.02E-03	1.09E-02	1.80E-03	2.41E+00	1.42E-08	6.81E-08	5.21E+00	1.08E-01	2.45E-03	9.43E-02	1.68E-02	2.50E-01	7.09E+01	1.69E+00	2.51E-07	7.96E-08	4.18E-03	1.07E-04	3.11E-01	2.83E-01	7.28E+01	2.02E-04	7.23E+01	7.31E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	7.27E-01
NF216A	1.33E-02	1.68E+00	-1.53E-02	1.69E+00	1.47E-06	0.00E+00	1.36E+03	6.51E-05	1.03E-03	1.08E-02	1.83E-03	3.26E+00	1.24E-08	7.76E-08	6.50E+00	1.38E-01	2.51E-03	9.60E-02	1.96E-02	2.49E-01	7.24E+01	1.69E+00	2.52E-07	8.46E-08	4.42E-03	1.07E-04	3.12E-01	2.44E-01	7.45E+01	2.44E-04	7.41E+01	7.43E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
NF220A	1.42E-02	1.68E+00	-1.41E-02	1.69E+00	1.47E-06	0.00E+00	1.36E+03	5.37E-05	1.07E-03	1.14E-02	1.83E-03	2.87E+00	1.54E-08	7.60E-08	5.94E+00	1.07E-01	2.52E-03	9.52E-02	1.98E-02	2.65E-01	7.24E+01	1.69E+00	2.54E-07	8.83E-08	4.55E-03	1.08E-04	3.28E-01	2.84E-01	7.45E+01	2.21E-04	7.40E+01	7.45E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
NF225A	1.47E-02	1.68E+00	-1.39E-02	1.69E+00	1.41E-06	0.00E+00	1.34E+03	5.76E-05	1.06E-03	1.11E-02	1.89E-03	3.66E+00	1.33E-08	9.39E-08	7.91E+00	1.21E-01	2.55E-03	9.51E-02	2.09E-02	2.64E-01	7.23E+01	1.70E+00	2.57E-07	9.30E-08	4.56E-03	1.08E-04	3.35E-01	2.64E-01	7.43E+01	2.54E-04	7.38E+01	7.40E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-01
NF232A	2.22E-02	1.91E+00	-3.41E-03	1.97E+00	1.70E-06	0.00E+00	1.02E+03	2.50E-04	1.31E-03	1.40E-02	2.02E-03	8.61E+00	2.10E-08	2.38E-07	1.92E+01	5.88E-01	2.76E-03	1.04E-01	3.60E-02	3.26E-01	6.49E+01	1.73E+00	4.51E-07	1.45E-07	5.78E-03	1.62E-04	9.29E-01	2.88E-01	6.79E+01	3.72E-03	6.74E+01	6.97E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NF240A	2.43E-02	2.01E+00	2.94E-03	2.04E+00	1.71E-06	0.00E+00	1.26E+03	2.74E-04	1.40E-03	1.54E-02	2.13E-03	1.01E+01	2.64E-08	2.65E-07	2.26E+01	6.46E-01	2.88E-03	1.04E-01	4.19E-02	3.40E-01	6.46E+01	2.30E+00	5.52E-07	1.59E-07	5.78E-03	1.66E-04	9.93E-01	4.93E-01	6.75E+01	3.90E-03	6.74E+01	7.03E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
NF250A	2.45E-02	1.88E+00	3.49E-03	1.87E+00	1.64E-06	0.00E+00	1.01E+03	2.56E-04	1.29E-03	1.39E-02	2.15E-03	1.03E+01	2.22E-08	2.56E-07	2.23E+01	6.56E-01	2.85E-03	9.51E-02	3.64E-02	3.40E-01	6.29E+01	1.54E+00	3.57E-07	1.62E-07	5.76E-03	1.64E-04	1.01E+00	3.64E-01	6.48E+01	4.04E-03	6.43E+01	6.56E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NF263A	2.61E-02	1.71E+00	6.38E-03	1.71E+00	1.58E-06	0.00E+00	7.01E+02	2.84E-04	1.25E-03	1.37E-02	2.17E-03	1.15E+01	1.55E-08	2.75E-07	2.10E+01	8.14E-01	2.98E-03	9.85E-02	3.55E-02	3.84E-01	6.16E+01	1.34E+00	3.78E-07	1.62E-07	5.52E-03	1.50E-04	1.02E+00	2.87E-01	6.30E+01	3.97E-03	6.27E+01	6.39E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NF300A	2.50E-02	2.50E+00	-8.48E-03	2.50E+00	2.23E-06	0.00E+00	8.42E+02	1.11E-04	1.62E-03	1.69E-02	3.11E-03	4.76E+00	1.68E-08	1.62E-07	9.25E+00	2.79E-01	4.21E-03	1.45E-01	3.50E-02	5.02E-01	1.03E+02	2.60E+00	3.97E-07	1.54E-07	7.38E-03	1.89E-04	6.83E-01	4.76E-01	1.05E+02	5.86E-03	1.04E+02	1.06E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NF301A	2.50E-02	2.50E+00	-8.74E-03	2.50E+00	2.22E-06	0.00E+00	8.34E+02	1.01E-04	1.62E-03	1.69E-02	3.11E-03	4.07E+00	1.69E-08	1.41E-07	8.08E+00	2.71E-01	4.21E-03	1.45E-01	3.50E-02	5.03E-01	1.03E+02	2.60E+00	3.98E-07	1.52E-07	7.38E-03	1.89E-04	6.52E-01	4.77E-01	1.05E+02	5.86E-03	1.04E+02	1.06E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NF302A	2.77E-02	2.55E+00	-1.77E-02	2.53E+00	2.16E-06	0.00E+00	1.15E+03	1.44E-04	1.81E-03	1.90E-02	3.33E-03	4.74E+00	3.22E-08	1.66E-07	9.23E+00	3.39E-01	4.38E-03	1.28E-01	3.79E-02	5.61E-01	9.75E+01	2.78E+00	4.25E-07	1.80E-07	8.88E-03	2.27E-04	9.47E-01	5.96E-01	1.02E+02	6.59E-03	1.02E+02	1.08E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NF303A	2.51E-02	2.50E+00	-6.36E-03	2.50E+00	2.24E-06	0.00E+00	8.34E+02	2.10E-04	1.62E-03	1.69E-02	3.09E-03	8.36E+00	1.75E-08	2.01E-07	1.71E+01	5.43E-01	4.18E-03	1.44E-01	3.51E-02	5.00E-01	1.01E+02	2.60E+00	3.99E-07	1.52E-07	7.35E-03	1.89E-04	7.47E-01	4.76E-01	1.02E+02	5.83E-03	1.01E+02	1.03E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NF304A	2.51E-02	2.50E+00	-6.37E-03	2.50E+00	2.24E-06	0.00E+00	8.34E+02	1.86E-04	1.62E-03	1.69E-02	3.11E-03	8.22E+00	1.75E-08	2.00E-07	1.69E+01	4.61E-01	4.21E-03	1.45E-01	3.49E-02	5.03E-01	1.02E+02	2.60E+00	3.99E-07	1.52E-07	7.38E-03	1.90E-04	7.41E-01	4.77E-01	1.02E+02	5.85E-03	1.02E+02	1.03E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NF306A	1.76E-02	2.45E+00	-1.76E-02	2.47E+00	1.93E-06	0.00E+00	1.24E+03	7.04E-05	1.19E-03	1.29E-02	2.68E-03	3.43E+00	1.71E-08	9.06E-08	7.03E+00	1.56E-01	3.64E-03	1.40E-01	2.58E-02	3.47E-01	1.06E+02	3.10E+00	3.64E-07	1.12E-07	5.97E-03	1.55E-04	4.38E-01	4.50E-01	1.09E+02	3.56E-04	1.08E+02	1.10E+02	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NF310A	1.78E-02	2.47E+00	-1.55E-02	2.48E+00	2.00E-06	0.00E+00	1.28E+03	7.00E-05	1.20E-03	1.29E-02	2.71E-03	4.03E+00	1.72E-08	1.04E-07	8.80E+00	1.56E-01	3.68E-03	1.40E-01	2.59E-02	3.48E-01	1.07E+02	3.05E+00	3.67E-07	1.11E-07	6.02E-03	1.59E-04	4.60E-01	4.49E-01	1.10E+02	3.46E-04	1.09E+02	1.11E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NF316A	1.96E-02	2.48E+00	-1.62E-02	2.49E+00	2.02E-06	0.00E+00	1.15E+03	7.07E-05	1.41E-03	1.50E-02	2.72E-03	4.02E+00	1.74E-08	1.10E-07	8.79E+00	1.54E-01	3.70E-03	1.40E-01	2.77E-02	3.71E-01	1.07E+02	3.13E+00	3.69E-07	1.24E-07	6.30E-03	1.60E-04	4.66E-01	4.78E-01	1.09E+02	3.60E-04	1.09E+02	1.11E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
NF320A	2.01E-02	2.49E+00	-1.48E-02	2.50E+00	2.01E-06	0.00E+00	1.15E+03	7.18E-05	1.40E-03	1.46E-02	2.75E-03	4.41E+00	1.55E-08	1.19E-07	9.45E+00	1.67E-01	3.73E-03	1.41E-01	2.80E-02	3.70E-01	1.07E+02	3.05E+00	3.69E-07	1.27E-07	6.29E-03	1.61E-04	4.66E-01	4.36E-01	1.09E+02	3.65E-04	1.09E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NF325A	2.14E-02	2.53E+00	-1.55E-02	2.52E+00	1.78E-06	0.00E+00	1.16E+03	7.07E-05	1.54E-03	1.62E-02	2.88E-03	5.41E+00	1.75E-08	1.32E-07	1.14E+01	1.54E-01	3.92E-03	1.42E-01	2.94E-02	3.94E-01	1.08E+02	3.12E+00	3.76E-07	1.36E-07	6.63E-03	1.65E-04	4.63E-01	4.66E-01	1.10E+02	3.98E-04	1.10E+02	1.12E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NF332A	4.37E-02	3.41E+00	-7.95E-03	3.43E+00	2.43E-06	0.00E+00	1.90E+03	3.46E-04	2.21E-03	2.32E-02	3.34E-03	1.72E+01	3.18E-08	4.24E-07	3.62E+01	9.86E-01	4.46E-03	1.37E-01	5.67E-02	5.55E-01	9.30E+01	2.91E+00	7.33E-07	2.49E-07	9.38E-03	2.61E-04	1.60E+00	8.24E-01	9.87E+01	6.24E-03	9.73E+01	1.12E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
NF340A	4.67E-02	3.51E+00	9.94E-03	3.50E+00	2.47E-06	0.00E+00	1.69E+03	3.50E-04	2.32E-03	2.46E-02	3.41E-03	1.82E+01	4.22E-08	4.38E-07	3.90E+01	1.02E+00	4.55E-03	1.37E-01	6.14E-02	5.96E-01	9.30E+01	2.91E+00	8.56E-07	2.72E-07	9.95E-03	2.75E-04	1.66E+00	8.60E-01	9.77E+01	6.33E-03	9.65E+01	1.12E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
NF350A	4.69E-02	2.77E+00	9.05E-03	2.76E+00	2.24E-06	0.00E+00	1.63E+03	3.43E-04	2.08E-03	2.22E-02	3.36E-03	1.85E+01	2.95E-08	4.52E-07	3.92E+01	1.10E+00	4.43E-03	1.32E-01	5.27E-02	5.77E-01	9.25E+01	2.37E+00	4.94E-07	2.77E-07	9.24E-03	2.69E-04	1.57E+00	6.27E-01	9.60E+01	6.79E-03	9.64E+01	1.04E+02	2.21E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NF363A	3.84E-02	2.62E+00	1.02E-02	2.56E+00	2.36E-06	0.00E+00	7.04E+02	4.49E-04	1.86E-03	2.00E-02	3.31E-03	1.82E+01	1.75E-08	4.16E-07	3.79E+01	1.30E+00	4.48E-03	1.43E-01	5.20E-02	6.42E-01	9.11E+01	2.44E+00	5.72E-07	2.55E-07	8.89E-03	2.52E-04	1.57E+00	4.89E-01	9.35E+01	6.45E-03	9.32E+01	9.57E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
NF400A	3.13E-02	2.56E+00	-7.94E-03	2.55E+00	2.35E-06	0.00E+00	8.48E+02	1.52E-04	2.04E-03	2.15E-02	4.07E-03	5.50E+00	1.81E-08	1.62E-07	9.85E+00	3.80E-01	5.60E-03	1.77E-01	3.96E-02	6.21E-01	1.35E+02	2.66E+00	5.19E-07	1.98E-07	1.01E-02	2.59E-04	8.53E-01	6.18E-01	1.39E+02	6.51E-03	1.39E+02	1.40E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NF401A	3.22E-02	3.33E+00	-2.90E-02	3.33E+00	2.64E-06	0.00E+00	1.40E+03	1.47E-04	2.25E-03	2.44E-02	4.18E-03	5.73E+00	3.53E-08	1.69E-07	9.94E+00	3.74E-01	5.68E-03	1.96E-01	4.62E-02	6.31E-01	1.33E+02	2.94E+00	5.63E-07	2.05E-07	1.01E-02	2.59E-04	9.93E-01	9.30E-01	1.34E+02	6.66E-03	1.35E+02	1.35E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NF402A	3.47E-02	3.49E+00	-2.96E-02	3.54E+00	2.61E-06	0.00E+00	2.59E+03	2.18E-04	2.65E-03	2.85E-02	4.33E-03	1.09E+01	4.22E-08	2.56E-07	2.07E+01	4.49E-01	5.71E-03	1.81E-01	5.23E-02	6.43E-01	1.27E+02	2.85E+00	5.27E-07	2.24E-07	1.10E-02	2.88E-04	1.23E+00	9.49E-01	1.32E+02	6.79E-03	1.33E+02	1.39E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+00
NF403A	3.14E-02	2.55E+00	-7.78E-03	2.54E+00	2.36E-06	0.00E+00	7.28E+02	2.23E-04	2.05E-03	2.16E-02	4.07E-03	1.01E+01	1.82E-08	2.33E-07	1.88E+01	6.18E-01	5.60E-03	1.77E-01	3.98E-02	6.21E-01	1.36E+02	2.66E+00	5.16E-07	1.99E-07	1.01E-02	2.60E-04	9.07E-01	6.18E-01	1.39E+02	6.50E-03	1.39E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NF404A	3.14E-02	2.55E+00	-7.72E-03	2.54E+00	2.36E-06	0.00E+00	7.34E+02	2.21E-04	2.04E-03	2.15E-02	4.07E-03	1.00E+01	1.82E-08	2.33E-07	1.88E+01	6.11E-01	5.60E-03	1.77E-01	3.98E-02	6.21E-01	1.35E+02	2.66E+00	5.16E-07	1.99E-07	1.01E-02	2.60E-04	9.08E-01	6.18E-01	1.39E+02	6.51E-03	1.39E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NF406A	2.73E-02	2.54E+00	-1.73E-02	2.53E+00	2.22E-06	0.00E+00	1.22E+03	9.00E-05	1.93E-03	2.00E-02	3.61E-03	4.50E+00	1.80E-08	1.22E-07	8.68E+00	1.98E-01	4.85E-03	1.83E-01	3.57E-02	4.99E-01	1.37E+02	2.87E+00	4.97E-07	1.75E-07	8.39E-03	2.09E-04	5.57E-01	5.44E-01	1.40E+02	7.16E-04	1.40E+02	1.42E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NF410A	2.57E-02	2.56E+00	-1.74E-02	2.55E+00	2.18E-06	0.00E+00	1.14E+03	9.77E-05	1.84E-03	1.96E-02	3.58E-03	6.35E+00	1.82E-08	1.52E-07	1.22E+01	2.07E-01	4.80E-03	1.83E-01	3.54E-02	4.96E-01	1.37E+02	2.96E+00	4.96E-07	1.69E-07	8.08E-03	2.08E-04	5.83E-01	6.02E-01	1.41E+02	5.38E-04	1.40E+02	1.42E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NF416A	2.76E-02	2.56E+00	-1.70E-02	2.54E+00	2.19E-06	0.00E+00	1.13E+03	9.73E-05	1.93E-03	2.01E-02	3.65E-03	7.43E+00	1.82E-08	1.56E-07	1.32E+01	2.06E-01	4.91E-03	1.83E-01	3.70E-02	4.99E-01	1.37E+02	2.95E+00	4.97E-07	1.77E-07	8.43E-03	2.11E-04	6.04E-01	5.46E-01	1.41E+02	6.60E-04	1.40E+02	1.42E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NF420A	2.88E-02	2.56E+00	-2.20E-02	2.55E+00	2.18E-06	0.00E+00	1.14E+03	9.81E-05	1.95E-03	2.08E-02	3.73E-03	7.32E+00	1.82E-08	1.60E-07	1.35E+01	2.06E-01	5.16E-03	1.79E-01	3.79E-02	5.09E-01	1.36E+02	2.90E+00	5.01E-07	1.83E-07	9.38E-03	2.18E-04	6.40E-01	6.26E-01	1.39E+02	6.60E-04	1.39E+02	1.41E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NF425A	3.00E-02	2.57E+00	-2.26E-02	2.56E+00	2.13E-06	0.00E+00	1.88E+03	1.94E-04	1.99E-03	2.10E-02	3.88E-03	8.02E+00	1.83E-08	1.88E-07	1.70E+01	5.20E-01	5.33E-03	1.73E-01	4.08E-02	5.15E-01	1.36E+02	2.90E+00	5.06E-07	1.88E-07	9.56E-03	2.26E-04	7.59E-01	6.29E-01	1.40E+02	6.91E-04	1.40E+02	1.42E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
NF432A	4.95E-02	2.84E+00	-1.80E-03	2.79E+00	2.67E-06	0.00E+00	2.25E+03	5.17E-04	2.72E-03	2.76E-02	4.37E-03	1.93E+01	3.15E-08	4.48E-07	4.06E+01	1.42E+00	5.75E-03	1.87E-01	6.61E-02	6.44E-01	1.18E+02	2.46E+00	7.86E-07	2.86E-07	1.19E-02	3.19E-04	1.68E+00	7.10E-01	1.29E+02	6.34E-03	1.29E+02	1.42E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00
NF440A	5.09E-02	3.77E+00	1.40E-02	3.81E+00	2.75E-06	0.00E+00	2.06E+03	5.27E-04	2.94E-03	3.04E-02	4.42E-03	1.99E+01	3.52E-08	4.67E-07	4.39E+01	1.49E+00	5.83E-03	1.86E-01	6.91E-02	6.86E-01	1.16E+02	2.95E+00	8.65E-07	2.96E-07	1.21E-02	3.20E-04	1.68E+00	9.38E-01	1.26E+02	6.44E-03	1.26E+02	1.38E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+00
NF450A	5.00E-02	2.83E+00	1.33E-02	2.80E+00	2.63E-06	0.00E+00	1.99E+03	5.28E-04	2.64E-03	2.71E-02	4.35E-03	1.98E+01	3.22E-08	4.61E-07	4.35E+01	1.56E+00	5.72E-03	1.79E-01	6.17E-02	6.60E-01	1.17E+02	2.37E+00	5.97E-07	2.93E-07	1.14E-02	3.09E-04	1.65E+00	7.76E-01	1.24E+02	6.90E-03	1.24E+02	1.30E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00
NF463A	3.97E-02	3.45E+00	1.08E-03	3.47E+00	2.57E-06	0.00E+00	1.72E+03	5.54E-04	2.65E-03	2.85E-02	4.16E-03	1.61E+01	3.38E-08	3.99E-07	3.57E+01	1.54E+00	5.65E-03	1.79E-01	5.79E-02	6.73E-01	1.08E+02	3.98E+00	5.22E-07	2.49E-07	1.11E-02	2.90E-04	1.43E+00	9.41E-01	1.15E+02	1.09E-03	1.15E+02	1.20E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
NFN100	9.13E-03	9.93E-01	-8.26E-03	1.06E+00	9.56E-07	0.00E+00	5.99E+02	4.89E-05	6.38E-04	6.85E-03	1.05E-03	2.44E+00	2.90E-08	8.03E-08	5.23E+00	1.21E-01	1.44E-03	4.56E-02	1.37E-02	2.51E-01	3.53E+01	1.19E+00	1.03E-07	6.07E-08	2.65E-03	1.22E-04	5.08E-01	2.57E-01	3.60E+01	3.19E-04	3.61E+01	3.65E+01	8.76E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-01
NFN101	9.11E-03	9.97E-01	-8.24E-03	1.05E+00	9.53E-07	0.00E+00	6.11E+02	4.97E-05	6.37E-04	6.87E-03	1.05E-03	2.47E+00	2.91E-08	8.02E-08	5.25E+00	1.26E-01	1.44E-03	4.56E-02	1.37E-02	2.49E-01	3.54E+01	1.18E+00	1.03E-07	6.05E-08	2.63E-03	1.22E-04	5.10E-01	2.69E-01	3.65E+01	3.24E-04	3.66E+01	3.69E+01	8.78E-01	0.00E+00	0.00E+00	0.00E+00	5.69E-01
NFN102	7.66E-03	9.65E-01	-8.19E-03	9.73E-01	9.23E-07	0.00E+00	5.00E+02	4.89E-05	6.74E-04	7.17E-03	1.08E-03	1.98E+00	1.48E-08	7.07E-08	5.19E+00	1.26E-01	1.46E-03	4.38E-02	1.22E-02	2.09E-01	3.63E+01	1.15E+00	8.84E-08	5.12E-08	2.63E-03	6.49E-05	4.22E-01	2.45E-01	3.75E+01	4.27E-04	3.75E+01	3.81E+01	6.68E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
NFN103	9.15E-03	9.94E-01	-8.31E-03	1.06E+00	9.72E-07	0.00E+00	6.10E+02	4.86E-05	6.37E-04	6.82E-03	1.04E-03	2.46E+00	2.86E-08	7.91E-08	5.22E+00	1.21E-01	1.42E-03	4.56E-02	1.37E-02	2.52E-01	3.55E+01	1.18E+00	9.95E-08	6.00E-08	2.63E-03	1.22E-04	5.13E-01	2.69E-01	3.67E+01	3.14E-04	3.68E+01	3.72E+01	8.72E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-01
NFN104	9.14E-03	9.99E-01	-7.92E-03	1.04E+00	9.52E-07	0.00E+00	6.31E+02	5.41E-05	6.43E-04	6.61E-03	1.04E-03	2.47E+00	2.75E-08	7.97E-08	5.20E+00	1.43E-01	1.42E-03	4.33E-02	1.37E-02	2.71E-01	3.48E+01	1.18E+00	9.95E-08	5.96E-08	2.57E-03	1.21E-04	5.50E-01	2.36E-01	3.57E+01	3.53E-04	3.57E+01	3.66E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	5.70E-01
NFN106	6.14E-03	8.75E-01	-7.46E-03	8.82E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.96E-04	6.25E-03	1.01E-03	1.61E+00	1.16E-08	5.79E-08	3.20E+00	9.52E-02	1.37E-03	4.25E-02	9.93E-03	1.51E-01	3.48E+01	1.04E+00	8.40E-08	4.16E-08	2.32E-03	5.59E-05	3.09E-01	2.31E-01	3.59E+01	4.20E-04	3.59E+01	3.64E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
NFN110	5.96E-03	8.18E-01	-7.91E-03	8.26E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.14E-04	5.55E-03	9.66E-04	1.76E+00	1.25E-08	4.20E-08	3.48E+00	9.46E-02	1.31E-03	4.22E-02	9.21E-03	1.34E-01	3.32E+01	1.01E+00	8.50E-08	3.94E-08	2.08E-03	5.27E-05	2.29E-01	2.26E-01	3.43E+01	4.21E-04	3.43E+01	3.47E+01	4.56E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
NFN113	7.09E-03	8.89E-01	-8.35E-03	8.95E-01	9.08E-07	0.00E+00	6.15E+02	4.24E-05	5.98E-04	6.49E-03	9.99E-04	1.92E+00	1.51E-08	5.33E-08	3.91E+00	9.74E-02	1.36E-03	4.95E-02	1.04E-02	1.68E-01	3.47E+01	1.12E+00	1.01E-07	4.72E-08	2.41E-03	5.72E-05	3.07E-01	3.18E-01	3.64E+01	4.13E-04	3.65E+01	3.68E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-01
NFN116	6.24E-03	8.24E-01	-7.71E-03	8.32E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.22E-04	5.64E-03	9.80E-04	1.96E+00	1.25E-08	4.56E-08	3.93E+00	9.44E-02	1.33E-03	4.22E-02	9.54E-03	1.32E-01	3.34E+01	1.01E+00	8.63E-08	4.11E-08	2.12E-03	5.14E-05	2.38E-01	2.28E-01	3.44E+01	4.24E-04	3.44E+01	3.49E+01	4.66E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
NFN120	7.06E-03	8.48E-01	-6.04E-03	8.55E-01	9.31E-07	0.00E+00	6.34E+02	6.51E-05	5.49E-04	5.98E-03	1.02E-03	2.57E+00	1.29E-08	5.87E-08	5.29E+00	1.73E-01	1.38E-03	4.32E-02	1.10E-02	1.39E-01	3.33E+01	1.01E+00	9.06E-08	4.60E-08	2.26E-03	5.36E-05	2.81E-01	2.31E-01	3.43E+01	4.31E-04	3.43E+01	3.48E+01	5.12E-01	0.00E+00	0.00E+00	0.00E+00	4.74E-01
NFN125	7.06E-03	8.49E-01	-6.04E-03	8.55E-01	9.31E-07	0.00E+00	6.34E+02	6.51E-05	5.49E-04	5.98E-03	1.02E-03	2.57E+00	1.29E-08	5.87E-08	5.29E+00	1.73E-01	1.38E-03	4.32E-02	1.10E-02	1.39E-01	3.33E+01	1.01E+00	9.06E-08	4.61E-08	2.26E-03	5.36E-05	2.84E-01	2.31E-01	3.44E+01	4.31E-04	3.44E+01	3.49E+01	5.15E-01	0.00E+00	0.00E+00	0.00E+00	4.74E-01
NFN132	9.02E-03	8.75E-01	-2.12E-03	8.77E-01	9.51E-07	0.00E+00	4.52E+02	1.01E-04	6.06E-04	6.43E-03	1.09E-03	3.94E+00	1.24E-08	1.04E-07	8.35E+00	2.84E-01	1.47E-03	4.47E-02	1.43E-02	1.54E-01	3.24E+01	1.05E+00	9.90E-08	5.89E-08	2.55E-03	6.03E-05	3.99E-01	2.38E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-01
NFN140	1.18E-02	8.74E-01	2.67E-03	8.71E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.80E-04	7.36E-03	1.10E-03	5.94E+00	1.32E-08	1.43E-07	1.27E+01	4.51E-01	1.49E-03	4.29E-02	1.74E-02	1.67E-01	2.79E+01	1.05E+00	1.10E-07	7.61E-08	2.91E-03	6.69E-05	5.21E-01	2.40E-01	2.89E+01	5.67E-04	2.89E+01	2.97E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NFN150	1.12E-02	8.98E-01	-2.03E-03	8.97E-01	9.66E-07	0.00E+00	4.23E+02	1.39E-04	6.50E-04	7.15E-03	1.08E-03	4.85E+00	1.71E-08	1.17E-07	9.75E+00	3.92E-01	1.46E-03	4.46E-02	1.59E-02	1.62E-01	3.13E+01	1.06E+00	1.23E-07	7.01E-08	2.74E-03	6.88E-05	5.02E-01	2.28E-01	3.17E+01	1.16E-03	3.17E+01	3.27E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	6.82E-01
NFN163	1.22E-02	8.85E-01	2.86E-03	8.82E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	6.87E-04	7.45E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.51E-03	4.29E-02	1.79E-02	1.79E-01	2.81E+01	1.05E+00	1.12E-07	7.90E-08	2.96E-03	6.74E-05	5.39E-01	2.41E-01	2.91E+01	5.69E-04	2.91E+01	2.99E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
NFN200	2.19E-02	1.93E+00	-9.11E-03	1.89E+00	1.44E-06	0.00E+00	1.12E+03	6.29E-05	1.27E-03	1.33E-02	1.87E-03	2.55E+00	2.90E-08	1.03E-07	5.46E+00	1.78E-01	2.75E-03	9.40E-02	3.39E-02	3.82E-01	6.39E+01	1.55E+00	3.15E-07	1.38E-07	6.13E-03	1.41E-04	7.66E-01	3.91E-01	6.66E+01	8.53E-04	6.60E+01	6.71E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00

NFN201	2.19E-02	1.92E+00	-8.36E-03	1.89E+00	1.44E-06	0.00E+00	1.12E+03	7.03E-05	1.28E-03	1.33E-02	1.85E-03	2.67E+00	2.91E-08	1.04E-07	5.64E+00	2.02E-01	2.74E-03	9.29E-02	3.53E-02	3.84E-01	6.45E+01	1.47E+00	3.38E-07	1.37E-07	6.13E-03	1.41E-04	7.65E-01	3.11E-01	6.72E+01	8.73E-04	6.65E+01	6.79E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN202	2.19E-02	1.99E+00	-2.06E-02	1.97E+00	1.79E-06	0.00E+00	1.17E+03	1.23E-04	1.58E-03	1.67E-02	1.95E-03	4.48E+00	3.53E-08	1.42E-07	6.76E+00	3.00E-01	2.87E-03	9.49E-02	3.43E-02	3.89E-01	6.43E+01	2.07E+00	3.18E-07	1.38E-07	6.19E-03	1.41E-04	9.25E-01	5.67E-01	6.64E+01	8.67E-04	6.62E+01	6.78E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NFN203	2.19E-02	1.95E+00	-1.65E-02	1.92E+00	1.48E-06	0.00E+00	1.13E+03	1.21E-04	1.26E-03	1.33E-02	1.91E-03	4.20E+00	3.02E-08	1.36E-07	6.29E+00	2.99E-01	2.79E-03	9.44E-02	3.40E-02	3.83E-01	6.37E+01	1.62E+00	3.18E-07	1.37E-07	6.15E-03	1.41E-04	9.27E-01	5.00E-01	6.62E+01	8.54E-04	6.60E+01	6.75E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NFN204	2.20E-02	1.91E+00	-5.38E-03	1.89E+00	1.49E-06	0.00E+00	1.12E+03	1.45E-04	1.27E-03	1.34E-02	1.85E-03	4.72E+00	3.05E-08	1.42E-07	8.52E+00	3.58E-01	2.74E-03	9.35E-02	3.57E-02	3.85E-01	6.44E+01	1.47E+00	3.27E-07	1.37E-07	6.16E-03	1.41E-04	9.36E-01	3.11E-01	6.69E+01	8.78E-04	6.63E+01	6.76E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NFN206	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
NFN210	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NFN216	1.26E-02	1.65E+00	-1.51E-02	1.66E+00	1.54E-06	0.00E+00	1.22E+03	7.74E-05	1.04E-03	1.13E-02	1.95E-03	3.92E+00	2.48E-08	9.04E-08	7.85E+00	1.88E-01	2.65E-03	8.44E-02	1.91E-02	2.94E-01	6.68E+01	1.98E+00	1.75E-07	8.30E-08	4.27E-03	1.26E-04	4.76E-01	4.56E-01	6.87E+01	8.90E-04	6.87E+01	6.97E+01	9.32E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
NFN220	1.44E-02	1.73E+00	-1.15E-02	1.74E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.18E-03	1.29E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.31E-01	6.75E+01	1.96E+00	1.84E-07	9.50E-08	4.78E-03	1.38E-04	6.28E-01	4.63E-01	6.95E+01	9.06E-04	6.95E+01	7.06E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-01
NFN225	1.42E-02	1.70E+00	-1.15E-02	1.71E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.10E-03	1.20E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.29E-01	6.72E+01	1.96E+00	1.84E-07	9.36E-08	4.56E-03	1.37E-04	6.28E-01	4.63E-01	6.91E+01	9.06E-04	6.91E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
NFN232	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.36E-03	1.45E-04	7.94E-01	4.77E-01	6.71E+01	9.89E-04	6.71E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NFN240	2.35E-02	1.71E+00	5.65E-03	1.71E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.29E-03	1.39E-02	2.20E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.98E-03	8.59E-02	3.48E-02	3.60E-01	5.53E+01	2.07E+00	2.23E-07	1.51E-07	5.64E-03	1.57E-04	1.02E+00	4.80E-01	5.73E+01	1.18E-03	5.73E+01	5.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NFN250	2.41E-02	1.75E+00	6.03E-03	1.74E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.36E-03	1.47E-02	2.22E-03	1.22E+01	2.63E-08	2.90E-07	2.59E+01	9.00E-01	3.00E-03	8.58E-02	3.53E-02	3.52E-01	5.57E+01	2.07E+00	2.25E-07	1.53E-07	5.88E-03	1.58E-04	1.04E+00	4.82E-01	5.78E+01	1.18E-03	5.78E+01	5.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NFN263	2.46E-02	1.77E+00	6.03E-03	1.77E+00	1.64E-06	0.00E+00	8.73E+02	3.10E-04	1.38E-03	1.49E-02	2.23E-03	1.23E+01	2.77E-08	2.92E-07	2.61E+01	8.97E-01	3.02E-03	8.57E-02	3.59E-02	3.89E-01	5.62E+01	2.07E+00	2.26E-07	1.59E-07	5.96E-03	1.59E-04	1.07E+00	4.83E-01	5.83E+01	1.18E-03	5.83E+01	5.98E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NFN301	2.46E-02	2.43E+00	-8.29E-03	2.42E+00	2.04E-06	0.00E+00	1.13E+03	9.19E-05	1.71E-03	1.85E-02	3.04E-03	3.92E+00	3.11E-08	1.43E-07	7.40E+00	2.18E-01	4.10E-03	1.22E-01	3.47E-02	5.55E-01	1.00E+02	2.70E+00	3.06E-07	1.58E-07	8.10E-03	2.01E-04	9.40E-01	5.53E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN302	2.46E-02	2.43E+00	-6.76E-03	2.42E+00	2.06E-06	0.00E+00	1.13E+03	1.78E-04	1.71E-03	1.85E-02	3.04E-03	7.35E+00	3.23E-08	1.88E-07	1.57E+01	4.59E-01	4.11E-03	1.22E-01	3.47E-02	5.56E-01	1.00E+02	2.73E+00	3.11E-07	1.57E-07	8.10E-03	2.01E-04	1.06E+00	5.85E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NFN303	2.46E-02	2.44E+00	-1.87E-02	2.43E+00	2.07E-06	0.00E+00	1.48E+03	1.74E-04	1.72E-03	1.86E-02	3.04E-03	7.41E+00	3.23E-08	1.89E-07	1.57E+01	4.55E-01	4.10E-03	1.22E-01	3.47E-02	5.56E-01	1.00E+02	2.76E+00	3.10E-07	1.58E-07	8.11E-03	2.02E-04	1.06E+00	6.50E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NFN304	2.53E-02	2.44E+00	-1.87E-02	2.43E+00	2.09E-06	0.00E+00	1.57E+03	1.72E-04	1.71E-03	1.86E-02	3.07E-03	7.72E+00	3.26E-08	1.87E-07	1.62E+01	4.52E-01	4.16E-03	1.23E-01	3.58E-02	5.58E-01	1.00E+02	2.76E+00	3.13E-07	1.60E-07	8.12E-03	2.02E-04	1.07E+00	6.50E-01	1.03E+02	1.35E-03	1.03E+02	1.05E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NFN306	2.12E-02	2.42E+00	-5.71E-03	2.42E+00	1.76E-06	0.00E+00	1.14E+03	1.15E-04	1.67E-03	1.77E-02	2.84E-03	4.37E+00	2.25E-08	1.53E-07	7.25E+00	2.96E-01	3.84E-03	1.21E-01	3.02E-02	4.61E-01	1.01E+02	2.85E+00	2.95E-07	1.36E-07	7.05E-03	1.82E-04	8.69E-01	5.57E-01	1.03E+02	1.31E-03	1.02E+02	1.04E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NFN310	1.83E-02	2.50E+00	-2.28E-02	2.53E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.67E-03	1.80E-02	2.90E-03	5.28E+00	3.70E-08	1.27E-07	1.05E+01	2.84E-01	3.92E-03	1.27E-01	2.78E-02	4.83E-01	1.01E+02	2.94E+00	2.59E-07	1.23E-07	6.63E-03	2.05E-04	8.00E-01	6.80E-01	1.04E+02	1.35E-03	1.04E+02	1.06E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NFN313	2.11E-02	2.65E+00	-3.40E-02	2.70E+00	2.07E-06	0.00E+00	1.76E+03	1.55E-04	1.81E-03	1.94E-02	2.96E-03	6.78E+00	3.89E-08	1.75E-07	1.48E+01	3.81E-01	4.01E-03	1.24E-01	3.22E-02	5.12E-01	1.03E+02	3.03E+00	2.75E-07	1.38E-07	7.16E-03	2.03E-04	8.82E-01	8.44E-01	1.04E+02	1.34E-03	1.05E+02	1.07E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NFN316	1.89E-02	2.48E+00	-2.27E-02	2.50E+00	1.93E-06	0.00E+00	1.85E+03	1.16E-04	1.57E-03	1.70E-02	2.94E-03	5.89E+00	3.73E-08	1.36E-07	1.18E+01	2.81E-01	3.98E-03	1.27E-01	2.86E-02	4.41E-01	1.00E+02	2.98E+00	2.63E-07	1.25E-07	6.43E-03	1.90E-04	7.17E-01	6.84E-01	1.03E+02	1.36E-03	1.03E+02	1.05E+02	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NFN320	2.17E-02	2.60E+00	-1.72E-02	2.61E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.98E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.18E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN325	2.14E-02	2.55E+00	-1.72E-02	2.57E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.66E-03	1.80E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.96E-01	1.01E+02	2.95E+00	2.76E-07	1.41E-07	6.86E-03	2.06E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN332	2.72E-02	2.65E+00	-6.37E-03	2.65E+00	2.03E-06	0.00E+00	1.37E+03	3.03E-04	1.83E-03	1.95E-02	3.28E-03	1.18E+01	3.72E-08	3.09E-07	2.51E+01	8.48E-01	4.44E-03	1.34E-01	4.28E-02	4.77E-01	9.76E+01	3.18E+00	3.02E-07	1.78E-07	7.73E-03	2.08E-04	1.22E+00	7.18E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NFN340	3.53E-02	2.58E+00	8.51E-03	2.57E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	1.93E-03	2.09E-02	3.31E-03	1.78E+01	3.94E-08	4.27E-07	3.80E+01	1.35E+00	4.48E-03	1.29E-01	5.23E-02	5.43E-01	8.30E+01	3.12E+00	3.35E-07	2.27E-07	8.48E-03	2.37E-04	1.54E+00	7.21E-01	8.61E+01	1.79E-03	8.61E+01	8.84E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NFN350	3.61E-02	2.63E+00	9.07E-03	2.62E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	2.04E-03	2.21E-02	3.34E-03	1.83E+01	3.96E-08	4.35E-07	3.89E+01	1.35E+00	4.52E-03	1.29E-01	5.30E-02	5.30E-01	8.37E+01	3.12E+00	3.38E-07	2.29E-07	8.83E-03	2.38E-04	1.56E+00	7.23E-01	8.68E+01	1.79E-03	8.68E+01	8.91E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NFN363	3.69E-02	2.66E+00	9.08E-03	2.66E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.38E-02	5.85E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.95E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NFN400	3.20E-02	3.45E+00	-2.55E-02	3.45E+00	2.51E-06	0.00E+00	2.05E+03	1.49E-04	2.51E-03	2.66E-02	4.00E-03	9.55E+00	4.19E-08	1.97E-07	1.75E+01	3.94E-01	5.56E-03	1.83E-01	4.85E-02	6.43E-01	1.21E+02	3.75E+00	4.63E-07	2.06E-07	9.93E-03	2.73E-04	1.12E+00	7.97E-01	1.25E+02	1.71E-03	1.24E+02	1.25E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NFN401	3.02E-02	2.47E+00	-3.92E-03	2.46E+00	2.12E-06	0.00E+00	1.14E+03	1.50E-04	2.23E-03	2.28E-02	3.89E-03	5.41E+00	3.32E-08	1.63E-07	9.30E+00	3.96E-01	5.41E-03	1.69E-01	3.94E-02	6.10E-01	1.26E+02	2.71E+00	4.07E-07	1.95E-07	9.70E-03	2.43E-04	1.01E+00	5.40E-01	1.31E+02	1.72E-03	1.30E+02	1.30E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NFN402	3.10E-02	2.48E+00	-1.93E-02	2.47E+00	2.18E-06	0.00E+00	2.06E+03	2.11E-04	2.34E-03	2.48E-02	3.95E-03	1.02E+01	3.63E-08	2.29E-07	1.89E+01	5.09E-01	5.52E-03	1.70E-01	4.26E-02	6.34E-01	1.26E+02	2.81E+00	4.13E-07	2.04E-07	9.81E-03	2.74E-04	1.15E+00	6.57E-01	1.31E+02	1.74E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NFN403	3.12E-02	2.48E+00	-1.90E-02	2.47E+00	2.17E-06	0.00E+00	2.05E+03	2.08E-04	2.34E-03	2.48E-02	3.92E-03	1.02E+01	3.63E-08	2.29E-07	1.87E+01	4.99E-01	5.46E-03	1.69E-01	4.30E-02	6.25E-01	1.26E+02	2.80E+00	4.09E-07	2.05E-07	9.81E-03	2.64E-04	1.15E+00	6.57E-01	1.31E+02	1.78E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
NFN404	3.12E-02	2.48E+00	-3.41E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.15E-04	2.22E-03	2.29E-02	3.90E-03	1.05E+01	3.38E-08	2.36E-07	1.95E+01	5.36E-01	5.40E-03	1.68E-01	4.28E-02	6.12E-01	1.26E+02	2.70E+00	4.09E-07	2.04E-07	9.80E-03	2.43E-04	1.13E+00	5.40E-01	1.32E+02	1.74E-03	1.30E+02	1.30E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NFN406	2.94E-02	2.52E+00	-2.01E-02	2.51E+00	2.20E-06	0.00E+00	2.08E+03	1.22E-04	2.29E-03	2.43E-02	3.83E-03	6.01E+00	2.89E-08	1.59E-07	1.00E+01	3.07E-01	5.32E-03	1.68E-01	3.70E-02	5.99E-01	1.27E+02	2.44E+00	3.99E-07	1.88E-07	9.65E-03	2.41E-04	9.21E-01	6.79E-01	1.32E+02	1.73E-03	1.31E+02	1.31E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NFN410	2.44E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.04E+00	4.92E-08	1.69E-07	1.40E+01	3.77E-01	5.22E-03	1.69E-01	3.70E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.83E-03	2.72E-04	1.04E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NFN416	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NFN420	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NFN425	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NFN432	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NFN440	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NFN450	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.95E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NFN463	4.91E-02	3.55E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NFN706	1.86E-02	1.83E+00	-7.54E-03	1.83E+00	1.20E-06	0.00E+00	1.19E+03	7.15E-05	1.28E-03	1.33E-02	1.83E-03	2.42E+00	2.24E-08	6.95E-08	5.06E+00	2.03E-01	2.43E-03	8.72E-02	2.14E-02	3.53E-01	6.36E+01	1.45E+00	2.57E-07	1.18E-07	5.83E-03	1.38E-04	6.42E-01	2.71E-01	6.63E+01	9.16E-04	6.57E+01	6.72E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NFN710	1.69E-02	1.87E+00	-1.73E-02	1.88E+00	1.28E-06	0.00E+00	1.35E+03	1.18E-04	1.58E-03	1.69E-02	1.88E-03	3.01E+00	2.36E-08	1.03E-07	5.71E+00	3.07E-01	2.46E-03	8.73E-02	2.23E-02	3.53E-01	6.34E+01	2.10E+00	2.63E-07	1.20E-07	5.63E-03	1.40E-04	8.14E-01	4.81E-01	6.60E+01	9.01E-04	6.57E+01	6.79E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NFN716	1.27E-02	1.66E+00	-1.48E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.09E-03	1.17E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.16E-01	6.76E+01	1.95E+00	1.75E-07	8.45E-08	4.39E-03	1.33E-04	5.51E-01	4.56E-01	6.95E+01	8.90E-04	6.95E+01	7.05E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
NFN720	2.09E-02	1.87E+00	-1.46E-02	1.88E+00	1.29E-06	0.00E+00	1.32E+03	1.29E-04	1.55E-03	1.66E-02	2.03E-03	3.96E+00	2.35E-08	1.23E-07	7.58E+00	3.67E-01	2.73E-03	8.73E-02	3.02E-02	3.70E-01	6.26E+01	2.10E+00	2.57E-07	1.31E-07	5.77E-03	1.42E-04	8.70E-01	4.82E-01	6.56E+01	9.02E-04	6.53E+01	6.75E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NFN725	2.18E-02	1.87E+00	-1.32E-02	1.88E+00	1.32E-06	0.00E+00	1.33E+03	2.29E-04	1.55E-03	1.65E-02	2.04E-03	7.81E+00	2.38E-08	2.07E-07	1.57E+01	6.09E-01	2.74E-03	8.84E-02	3.13E-02	3.77E-01	6.26E+01	2.24E+00	2.72E-07	1.38E-07	5.77E-03	1.44E-04	9.44E-01	4.81E-01	6.50E+01	9.14E-04	6.50E+01	6.69E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NFN732	2.22E-02	1.80E+00	-1.18E-03	1.81E+00	1.28E-06	0.00E+00	1.02E+03	2.36E-04	1.28E-03	1.32E-02	2.03E-03	8.58E+00	2.06E-08	2.18E-07	1.75E+01	6.31E-01	2.75E-03	9.02E-02	2.99E-02	3.67E-01	6.18E+01	1.40E+00	2.68E-07	1.40E-07	5.73E-03	1.43E-04	9.65E-01	2.78E-01	6.41E+01	9.50E-04	6.37E+01	6.52E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NFN740	2.17E-02	1.80E+00	7.81E-04	1.81E+00	1.42E-06	0.00E+00	1.09E+03	2.41E-04	1.28E-03	1.32E-02	2.08E-03	9.20E+00	2.03E-08	2.23E-07	1.87E+01	6.57E-01	2.82E-03	8.93E-02	3.07E-02	3.64E-01	6.12E+01	1.41E+00	2.54E-07	1.35E-07	5.71E-03	1.42E-04	9.40E-01	2.72E-01	6.35E+01	9.34E-04	6.32E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NFN750	2.27E-02	1.81E+00	1.25E-03	1.82E+00	1.44E-06	0.00E+00	1.01E+03	2.49E-04	1.27E-03	1.31E-02	2.08E-03	9.11E+00	1.97E-08	2.30E-07	1.88E+01	6.47E-01	2.82E-03	9.00E-02	3.07E-02	3.74E-01	6.16E+01	1.41E+00	3.53E-07	1.46E-07	5.74E-03	1.43E-04	1.00E+00	2.52E-01	6.35E+01	1.06E-03	6.31E+01	6.52E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NFN763	2.62E-02	1.81E+00	1.25E-03	1.82E+00	1.43E-06	0.00E+00	1.01E+03	3.82E-04	1.27E-03	1.31E-02	2.08E-03	1.31E+01	1.99E-08	3.45E-07	2.93E+01	1.08E+00	2.83E-03	9.08E-02	3.59E-02	3.80E-01	6.16E+01	1.44E+00	3.72E-07	1.64E-07	5.75E-03	1.46E-04	1.22E+00	2.52E-01	6.35E+01	1.07E-03	6.31E+01	6.51E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NFT306	2.26E-02	2.58E+00	-2.84E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.38E-05	1.77E-03	1.95E-02	0.00E+00	6.82E+00	1.07E-07	1.88E-07	2.70E+00	1.61E-02	3.94E-03	1.16E-01	2.56E-02	6.99E-01	7.83E+01	2.81E+00	2.72E-07	1.59E-07	7.15E-03	1.75E-04	2.27E+00	9.64E-01	8.11E+01	8.32E-03	8.11E+01	8.43E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
NFT310	2.21E-02	2.54E+00	-2.77E-02	2.56E+00	2.41E-06	0.00E+00	1.19E+03	2.38E-05	1.74E-03	1.90E-02	0.00E+00	7.30E+00	1.04E-07	1.94E-07	2.70E+00	1.58E-02	3.98E-03	1.15E-01	2.51E-02	6.34E-01	7.75E+01	2.81E+00	2.74E-07	1.54E-07	7.02E-03	1.75E-04	2.21E+00	9.67E-01	8.03E+01	8.33E-03	8.03E+01	8.35E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NFT316	2.28E-02	2.54E+00	-2.68E-02	2.57E+00	2.41E-06	0.00E+00	1.19E+03	2.39E-05	1.74E-03	1.90E-02	0.00E+00	7.92E+00	1.07E-07	2.05E-07	2.75E+00	1.61E-02	4.04E-03	1.15E-01	2.60E-02	6.32E-01	7.79E+01	2.82E+00	2.78E-07	1.59E-07	7.09E-03	1.77E-04	2.26E+00	9.72E-01	8.07E+01	8.34E-03	8.07E+01	8.39E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NFT320	2.47E-02	2.58E+00	-2.48E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.40E-05	1.78E-03	1.94E-02	0.00E+00	9.10E+00	1.05E-07	2.27E-07	2.77E+00	1.64E-02	4.16E-03	1.15E-01	2.82E-02	6.51E-01	7.85E+01	2.82E+00	2.85E-07	1.71E-07	7.32E-03	1.79E-04	2.35E+00	9.80E-01	8.13E+01	8.35E-03	8.13E+01	8.46E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NFT325	2.47E-02	2.58E+00	-2.48E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.40E-05	1.78E-03	1.94E-02	0.00E+00	9.10E+00	1.05E-07	2.27E-07	2.78E+00	1.64E-02	4.16E-03	1.15E-01	2.82E-02	6.51E-01	7.85E+01	2.82E+00	2.85E-07	1.71E-07	7.32E-03	1.79E-04	2.35E+00	9.80E-01	8.13E+01	8.35E-03	8.13E+01	8.47E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NFT332	2.68E-02	2.60E+00	-2.08E-02	2.62E+00	2.42E-06	0.00E+00	1.19E+03	2.42E-05	1.82E-03	2.00E-02	0.00E+00	1.11E+01	1.06E-07	2.63E-07	2.85E+00	1.72E-02	4.23E-03	1.16E-01	3.06E-02	6.68E-01	7.69E+01	2.82E+00	2.94E-07	1.84E-07	7.58E-03	1.83E-04	2.66E+00	9.86E-01	7.98E+01	8.39E-03	7.98E+01	8.34E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NFT340	2.82E-02	2.52E+00	-2.07E-02	2.55E+00	2.41E-06	0.00E+00	1.19E+03	2.33E-05	1.81E-03	1.98E-02	0.00E+00	1.25E+01	1.11E-07	2.85E-07	2.26E+00	1.57E-02	4.26E-03	1.07E-01	3.16E-02	6.72E-01	6.88E+01	2.83E+00	2.99E-07	1.89E-07	7.62E-03	1.84E-04	2.25E+00	9.88E-01	7.16E+01	8.48E-03	7.16E+01	7.49E+01	3.24E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
NFT701	7.69E-03	1.09E+00	-8.95E-03	1.13E+00	8.74E-07	0.00E+00	4.93E+02	4.43E-05	6.56E-04	7.20E-03	1.01E-03	2.05E+00	1.67E-08	7.27E-08	4.16E+00	1.10E-01	1.37E-03	5.59E-02	1.22E-02	2.12E-01	4.00E+01	1.10E+00	9.06E-08	5.40E-08	3.02E-03	6.60E-05	5.26E-01	2.27E-01	4.05E+01	3.06E-03	4.05E+01	4.11E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
NFT702	8.59E-03	1.23E+00	-9.32E-03	1.24E+00	9.21E-07	0.00E+00	5.23E+02	4.51E-05	8.36E-04	9.16E-03	1.04E-03	2.10E+00	1.51E-08	7.12E-08	3.88E+00	1.14E-01	1.41E-03	5.78E-02	1.30E-02	2.46E-01	4.10E+01	1.14E+00	8.63E-08	5.76E-08	3.30E-03	6.67E-05	5.62E-01	2.58E-01	4.22E+01	3.20E-03	4.22E+01	4.30E+01	8.20E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
NFT703	8.75E-03	1.09E+00	-8.69E-03	1.13E+00	8.92E-07	0.00E+00	5.01E+02	4.52E-05	6.64E-04	7.39E-03	1.04E-03	2.18E+00	1.69E-08	7.44E-08	4.42E+00	1.19E-01	1.41E-03	5.65E-02	1.29E-02	2.17E-01	4.00E+01	1.13E+00	9.12E-08	5.73E-08	3.14E-03	6.80E-05	5.35E-01	2.30E-01	4.04E+01	3.06E-03	4.04E+01	4.08E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
NFT704	8.96E-03	1.23E+00	-8.96E-03	1.24E+00	9.22E-07	0.00E+00	5.23E+02	4.76E-05	8.40E-04	9.22E-03	1.05E-03	2.32E+00	1.56E-08	7.57E-08	4.36E+00	1.22E-01	1.42E-03	5.82E-02	1.35E-02	2.50E-01	4.11E+01	1.14E+00	8.85E-08	5.99E-08	3.33E-03	6.69E-05	5.66E-01	2.59E-01	4.22E+01	3.21E-03	4.22E+01	4.30E+01	8.25E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
NFT706	6.86E-03	1.07E+00	-5.65E-03	1.07E+00	9.09E-07	0.00E+00	4.61E+02	8.88E-06	6.87E-04	7.53E-03	0.00E+00	1.72E+00	4.12E-08	5.50E-08	5.57E-01	6.08E-03	1.39E-03	5.82E-02	9.01E-03	2.22E-01	3.15E+01	1.03E+00	8.39E-08	4.82E-08	2.69E-03	4.38E-05	7.66E-01	2.57E-01	3.25E+01	3.10E-03	3.25E+01	3.36E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NFT710	7.11E-03	1.07E+00	-5.40E-03	1.08E+00	9.09E-07	0.00E+00	4.61E+02	8.90E-06	6.89E-04	7.56E-03	0.00E+00	1.86E+00	4.19E-08	5.78E-08	5.61E-01	6.11E-03	1.41E-03	5.82E-02	9.34E-03	2.27E-01	3.15E+01	1.03E+00	8.48E-08	5.00E-08	2.71E-03	4.41E-05	7.76E-01	2.58E-01	3.26E+01	3.10E-03	3.26E+01	3.36E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NFT716	7.35E-03	1.07E+00	-5.12E-03	1.08E+00	9.11E-07	0.00E+00	4.61E+02	8.94E-06	6.92E-04	7.58E-03	0.00E+00	2.06E+00	4.23E-08	6.14E-08	5.76E-01	6.19E-03	1.43E-03	5.83E-02	9.65E-03	2.27E-01	3.17E+01	1.03E+00	8.61E-08	5.16E-08	2.74E-03	4.46E-05	7.94E-01	2.60E-01	3.27E+01	3.11E-03	3.27E+01	3.38E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-01
NFT720	1.23E-02	1.13E+00	-4.14E-04	1.13E+00	9.93E-07	0.00E+00	4.53E+02	1.71E-04	8.39E-04	9.35E-03	1.05E-03	5.50E+00	4.76E-08	1.35E-07	1.15E+01	4.86E-01	1.42E-03	5.80E-02	1.71E-02	2.06E-01	3.26E+01	1.01E+00	1.04E-07	7.96E-08	3.51E-03	6.64E-05	7.27E-01	2.60E-01	3.36E+01	3.25E-03	3.36E+01	3.46E+01	9.87E-01	0.00E+00	0.00E+00	0.00E+00	7.36E-01
NFT725	1.23E-02	1.13E+00	-4.12E-04	1.13E+00	9.93E-07	0.00E+00	4.53E+02	1.71E-04	8.40E-04	9.37E-03	1.05E-03	5.51E+00	4.79E-08	1.36E-07	1.15E+01	4.86E-01	1.42E-03	5.80E-02	1.72E-02	2.10E-01	3.26E+01	1.01E+00	1.04E-07	8.01E-08	3.51E-03	6.65E-05	7.28E-01	2.60E-01	3.36E+01	3.25E-03	3.36E+01	3.46E+01	9.88E-01	0.00E+00	0.00E+00	0.00E+00	7.40E-01
NFT732	1.26E-02	1.14E+00	-1.15E-04	1.14E+00	9.93E-07	0.00E+00	4.53E+02	1.71E-04	8.46E-04	9.44E-03	1.07E-03	5.73E+00	4.77E-08	1.39E-07	1.20E+01	4.86E-01	1.44E-03	5.80E-02	1.75E-02	2.07E-01	3.27E+01	1.01E+00	1.06E-07	8.14E-08	3.55E-03	6.71E-05	7.35E-01	2.61E-01	3.37E+01	3.26E-03	3.37E+01	3.47E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-01
NFT740	1.20E-02	1.06E+00	1.40E-03	1.06E+00	9.15E-07	0.00E+00	4.62E+02	9.15E-06	7.41E-04	8.25E-03	0.00E+00	5.73E+00	4.30E-08	1.27E-07	6.87E-01	6.96E-03	1.51E-03	6.02E-02	1.37E-02	2.38E-01	2.79E+01	1.03E+00	1.02E-07	8.05E-08	3.16E-03	4.97E-05	1.11E+00	2.66E-01	2.89E+01	3.16E-03	2.89E+01	3.03E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-01
NFT806	2.18E-02	2.77E+00	-3.05E-02	2.80E+00	2.42E-06	0.00E+00	1.23E+03	2.45E-05	1.86E-03	2.04E-02	0.00E+00	6.26E+00	1.13E-07	1.80E-07	2.67E+00	1.65E-02	4.06E-03	1.36E-01	2.61E-02	7.03E-01	8.35E+01	2.89E+00	2.66E-07	1.54E-07	7.44E-03	1.74E-04	2.24E+00	9.77E-01	8.64E+01	8.66E-03	8.64E+01	8.96E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NFT810	2.17E-02	2.73E+00	-2.98E-02	2.76E+00	2.42E-06	0.00E+00	1.23E+03	2.45E-05	1.84E-03	2.00E-02	0.00E+00	6.72E+00	1.12E-07	1.87E-07	2.68E+00	1.62E-02	4.10E-03	1.35E-01	2.61E-02	6.64E-01	8.29E+01	2.89E+00	2.69E-07	1.53E-07	7.36E-03	1.74E-04	2.20E+00	9.80E-01	8.58E+01	8.66E-03	8.58E+01	8.90E+01	3.18E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NFT816	2.24E-02	2.74E+00	-2.90E-02	2.77E+00	2.42E-06	0.00E+00	1.23E+03	2.46E-05	1.84E-03	2.01E-02	0.00E+00	7.34E+00	1.14E-07	1.97E-07	2.72E+00	1.65E-02	4.16E-03	1.35E-01	2.70E-02	6.63E-01	8.33E+01	2.89E+00	2.73E-07	1.57E-07	7.43E-03	1.76E-04	2.26E+00	9.85E-01	8.62E+01	8.67E-03	8.62E+01	8.95E+01	3.24E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NFT820	2.80E-02	2.75E+00	-2.15E-02	2.77E+00	2.43E-06	0.00E+00	1.23E+03	2.49E-05	1.91E-03	2.09E-02	0.00E+00	1.16E+01	1.14E-07	2.73E-07	2.84E+00	1.74E-02	4.30E-03	1.37E-01	3.20E-02	6.81E-01	7.98E+01	2.90E+00	2.92E-07	1.91E-07	7.96E-03	1.82E-04	2.61E+00	9.94E-01	8.27E+01	8.74E-03	8.27E+01	8.63E+01	3.61E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
NFT825	2.80E-02	2.75E+00	-2.15E-02	2.77E+00	2.43E-06	0.00E+00	1.23E+03	2.49E-05	1.91E-03	2.10E-02	0.00E+00	1.16E+01	1.14E-07	2.73E-07	2.85E+00	1.74E-02	4.30E-03	1.37E-01	3.21E-02	6.85E-01	7.98E+01	2.90E+00	2.92E-07	1.92E-07	7.96E-03	1.82E-04	2.62E+00	9.95E-01	8.27E+01	8.74E-03	8.27E+01	8.63E+01	3.61E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NFT832	2.97E-02	2.77E+00	-1.84E-02	2.78E+00	2.43E-06	0.00E+00	1.23E+03	2.50E-05	1.94E-03	2.14E-02	0.00E+00	1.32E+01	1.15E-07	3.01E-07	2.90E+00	1.80E-02	4.37E-03	1.38E-01	3.40E-02	6.93E-01	7.88E+01	2.90E+00	2.99E-07	2.02E-07	8.16E-03	1.85E-04	2.84E+00	1.00E+00	8.17E+01	8.77E-03	8.17E+01	8.56E+01	3.84E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NFT840	3.07E-02	2.72E+00	-1.84E-02	2.74E+00	2.43E-06	0.00E+00	1.23E+03	2.44E-05	1.93E-03	2.13E-02	0.00E+00	1.41E+01	1.17E-07	3.16E-07	2.50E+00	1.70E-02	4.39E-03	1.32E-01	3.47E-02	7.01E-01	7.34E+01	2.90E+00	3.03E-07	2.06E-07	8.21E-03	1.86E-04	2.56E+00	1.00E+00	7.63E+01	8.83E-03	7.63E+01	7.99E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NGN100	9.23E-03	1.01E+00	-1.99E-02	1.06E+00	1.02E-06	0.00E+00	9.64E+02	5.20E-05	7.53E-04	8.09E-03	1.10E-03	2.46E+00	3.21E-08	8.03E-08	5.26E+00	1.29E-01	1.53E-03	5.01E-02	1.37E-02	2.51E-01	3.53E+01	1.37E+00	1.19E-07	6.18E-08	2.74E-03	1.22E-04	5.11E-01	4.27E-01	3.57E+01	3.15E-04	3.60E+01	3.66E+01	8.96E-01	0.00E+00	0.00E+00	0.00E+00	5.70E-01
NGN101	9.09E-03	1.00E+00	-7.88E-03	1.05E+00	9.35E-07	0.00E+00	6.05E+02	5.06E-05	6.46E-04	6.62E-03	1.04E-03	2.44E+00	2.80E-08	8.06E-08	5.17E+00	1.35E-01	1.42E-03	4.34E-02	1.36E-02	2.68E-01	3.52E+01	1.19E+00	9.93E-08	6.01E-08	2.58E-03	1.20E-04	5.23E-01	2.36E-01	3.64E+01	3.47E-04	3.64E+01	3.70E+01	8.69E-01	0.00E+00	0.00E+00	0.00E+00	5.69E-01
NGN102	9.07E-03	1.00E+00	-7.91E-03	1.05E+00	9.57E-07	0.00E+00	6.29E+02	5.15E-05	6.42E-04	6.60E-03	1.03E-03	2.45E+00	2.75E-08	7.97E-08	5.19E+00	1.43E-01	1.42E-03	4.33E-02	1.36E-02	2.70E-01	3.52E+01	1.18E+00	9.94E-08	5.95E-08	2.58E-03	1.21E-04	5.31E-01	2.36E-01	3.64E+01	3.53E-04	3.64E+01	3.70E+01	8.67E-01	0.00E+00	0.00E+00	0.00E+00	5.67E-01
NGN103	8.92E-03	9.99E-01	-7.89E-03	1.05E+00	9.57E-07	0.00E+00	6.11E+02	5.05E-05	6.44E-04	6.49E-03	9.98E-04	2.42E+00	2.76E-08	7.95E-08	5.15E+00	1.35E-01	1.38E-03	4.34E-02	1.35E-02	2.71E-01	3.51E+01	1.19E+00	9.84E-08	5.89E-08	2.58E-03	1.20E-04	5.22E-01	2.25E-01	3.64E+01	3.47E-04	3.64E+01	3.70E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	5.54E-01
NGN104	9.14E-03	9.99E-01	-7.96E-03	1.04E+00	9.52E-07	0.00E+00	6.31E+02	5.34E-05	6.43E-04	6.61E-03	1.04E-03	2.46E+00	2.75E-08	7.97E-08	5.18E+00	1.41E-01	1.42E-03	4.33E-02	1.37E-02	2.71E-01	3.48E+01	1.18E+00	9.94E-08	5.96E-08	2.57E-03	1.21E-04	5.50E-01	2.36E-01	3.57E+01	3.53E-04	3.57E+01	3.66E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	5.70E-01
NGN106	6.82E-03	8.96E-01	-7.69E-03	9.09E-01	8.78E-07	0.00E+00	5.70E+02	4.49E-05	5.80E-04	6.02E-03	9.62E-04	1.80E+00	1.56E-08	4.71E-08	3.87E+00	1.16E-01	1.31E-03	4.24E-02	9.91E-03	1.57E-01	3.49E+01	1.01E+00	8.70E-08	4.54E-08	2.33E-03	5.55E-05	3.11E-01	2.19E-01	3.62E+01	4.26E-04	3.62E+01	3.68E+01	5.39E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NGN110	7.25E-03	8.71E-01	-7.69E-03	8.85E-01	9.04E-07	0.00E+00	6.14E+02	4.31E-05	5.92E-04	6.34E-03	9.45E-04	1.84E+00	1.50E-08	4.66E-08	3.94E+00	1.04E-01	1.28E-03	4.24E-02	9.94E-03	1.62E-01	3.50E+01	9.96E-01	8.74E-08	4.83E-08	2.39E-03	5.52E-05	2.98E-01	2.34E-01	3.64E+01	3.88E-04	3.64E+01	3.69E+01	5.71E-01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
NGN113	7.10E-03	8.90E-01	-8.24E-03	8.94E-01	9.09E-07	0.00E+00	6.33E+02	4.35E-05	5.98E-04	6.49E-03	9.99E-04	1.95E+00	1.51E-08	5.35E-08	3.96E+00	1.02E-01	1.36E-03	4.95E-02	1.04E-02	1.68E-01	3.46E+01	1.12E+00	1.02E-07	4.72E-08	2.42E-03	5.73E-05	3.10E-01	3.20E-01	3.64E+01	4.12E-04	3.65E+01	3.68E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	4.51E-01
NGN116	6.95E-03	8.65E-01	-7.90E-03	8.75E-01	9.04E-07	0.00E+00	6.19E+02	4.30E-05	5.84E-04	6.30E-03	9.66E-04	1.98E+00	1.49E-08	4.69E-08	3.99E+00	9.93E-02	1.31E-03	4.24E-02	9.99E-03	1.64E-01	3.45E+01	9.92E-01	8.78E-08	4.61E-08	2.36E-03	5.54E-05	2.94E-01	2.35E-01	3.59E+01	4.11E-04	3.59E+01	3.65E+01	5.69E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NGN120	7.04E-03	8.79E-01	-6.98E-03	8.90E-01	9.09E-07	0.00E+00	6.16E+02	5.24E-05	5.98E-04	6.46E-03	1.00E-03	2.09E+00	1.51E-08	5.80E-08	4.25E+00	1.55E-01	1.36E-03	4.27E-02	1.04E-02	1.58E-01	3.38E+01	9.94E-01	8.92E-08	4.62E-08	2.39E-03	5.73E-05	3.11E-01	2.38E-01	3.50E+01	4.26E-04	3.50E+01	3.55E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01

NGN125	9.16E-03	8.91E-01	-3.09E-03	8.89E-01	8.94E-07	0.00E+00	6.11E+02	8.01E-05	6.13E-04	6.48E-03	1.00E-03	3.33E+00	1.59E-08	8.59E-08	6.57E+00	2.17E-01	1.35E-03	4.27E-02	1.33E-02	1.61E-01	3.35E+01	9.96E-01	9.18E-08	5.67E-08	2.56E-03	6.13E-05	4.38E-01	2.38E-01	3.49E+01	4.37E-04	3.49E+01	3.55E+01	6.90E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
NGN132	9.96E-03	9.06E-01	-2.05E-03	9.03E-01	9.02E-07	0.00E+00	5.34E+02	1.10E-04	6.31E-04	6.77E-03	1.05E-03	4.24E+00	1.62E-08	1.08E-07	8.90E+00	3.05E-01	1.42E-03	4.42E-02	1.41E-02	1.65E-01	3.29E+01	1.01E+00	9.77E-08	6.25E-08	2.63E-03	6.29E-05	4.83E-01	2.22E-01	3.41E+01	4.80E-04	3.41E+01	3.50E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-01
NGN140	1.05E-02	9.04E-01	-6.75E-04	9.02E-01	9.13E-07	0.00E+00	4.80E+02	1.11E-04	6.35E-04	6.96E-03	1.06E-03	4.88E+00	1.62E-08	1.21E-07	9.65E+00	3.18E-01	1.43E-03	4.35E-02	1.45E-02	1.69E-01	3.13E+01	1.03E+00	1.01E-07	6.48E-08	2.71E-03	6.47E-05	5.04E-01	2.23E-01	3.27E+01	5.25E-04	3.27E+01	3.31E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
NGN150	1.12E-02	8.92E-01	-2.04E-03	8.95E-01	9.63E-07	0.00E+00	4.18E+02	1.37E-04	6.50E-04	7.12E-03	1.06E-03	4.71E+00	1.76E-08	1.16E-07	9.45E+00	3.87E-01	1.43E-03	4.46E-02	1.57E-02	1.63E-01	3.14E+01	1.05E+00	1.22E-07	6.91E-08	2.72E-03	6.89E-05	5.03E-01	2.28E-01	3.20E+01	1.16E-03	3.20E+01	3.32E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	6.76E-01
NGN163	1.24E-02	9.08E-01	1.39E-03	9.06E-01	9.29E-07	0.00E+00	4.88E+02	1.51E-04	6.40E-04	6.99E-03	1.07E-03	6.18E+00	1.79E-08	1.44E-07	1.37E+01	4.28E-01	1.45E-03	4.33E-02	1.68E-02	1.75E-01	3.03E+01	1.04E+00	1.09E-07	7.99E-08	2.75E-03	6.62E-05	5.40E-01	2.24E-01	3.11E+01	5.46E-04	3.11E+01	3.22E+01	7.62E-01	0.00E+00	0.00E+00	0.00E+00	7.50E-01
NGN200	2.19E-02	1.95E+00	-1.68E-02	1.92E+00	1.45E-06	0.00E+00	1.13E+03	7.00E-05	1.27E-03	1.33E-02	1.95E-03	2.66E+00	2.90E-08	1.04E-07	5.62E+00	1.99E-01	2.84E-03	9.41E-02	3.39E-02	3.83E-01	6.39E+01	1.62E+00	3.15E-07	1.38E-07	6.13E-03	1.40E-04	7.68E-01	5.00E-01	6.66E+01	8.68E-04	6.63E+01	6.77E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NGN201	2.19E-02	1.98E+00	-1.88E-02	1.95E+00	1.45E-06	0.00E+00	1.18E+03	6.11E-05	1.28E-03	1.36E-02	1.92E-03	2.56E+00	2.90E-08	1.03E-07	5.48E+00	1.77E-01	2.79E-03	9.38E-02	3.39E-02	3.86E-01	6.38E+01	1.78E+00	3.30E-07	1.38E-07	6.17E-03	1.40E-04	7.59E-01	5.01E-01	6.66E+01	8.51E-04	6.63E+01	6.75E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NGN202	2.19E-02	1.91E+00	-5.81E-03	1.89E+00	1.45E-06	0.00E+00	1.12E+03	1.40E-04	1.27E-03	1.34E-02	1.85E-03	4.47E+00	3.06E-08	1.42E-07	6.89E+00	3.56E-01	2.74E-03	9.32E-02	3.56E-02	3.84E-01	6.45E+01	1.47E+00	3.25E-07	1.38E-07	6.13E-03	1.41E-04	9.30E-01	3.11E-01	6.72E+01	8.80E-04	6.65E+01	6.78E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NGN203	2.19E-02	1.91E+00	-6.50E-03	1.89E+00	1.47E-06	0.00E+00	1.12E+03	1.23E-04	1.27E-03	1.34E-02	1.86E-03	4.32E+00	3.02E-08	1.37E-07	6.32E+00	3.04E-01	2.75E-03	9.44E-02	3.40E-02	3.82E-01	6.37E+01	1.54E+00	3.25E-07	1.37E-07	6.15E-03	1.41E-04	9.27E-01	3.15E-01	6.62E+01	8.57E-04	6.57E+01	6.69E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NGN204	2.20E-02	1.91E+00	-3.36E-03	1.89E+00	1.48E-06	0.00E+00	1.12E+03	1.58E-04	1.25E-03	1.30E-02	1.86E-03	5.07E+00	2.94E-08	1.48E-07	9.86E+00	4.09E-01	2.75E-03	9.46E-02	3.40E-02	3.82E-01	6.37E+01	1.46E+00	3.20E-07	1.37E-07	6.16E-03	1.41E-04	9.30E-01	2.93E-01	6.63E+01	8.86E-04	6.57E+01	6.69E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NGN206	1.98E-02	1.88E+00	-1.02E-02	1.86E+00	1.46E-06	0.00E+00	1.19E+03	6.47E-05	1.27E-03	1.34E-02	1.74E-03	2.51E+00	2.00E-08	7.17E-08	5.02E+00	1.71E-01	2.48E-03	9.30E-02	2.47E-02	3.61E-01	6.40E+01	1.56E+00	3.16E-07	1.24E-07	5.98E-03	1.39E-04	6.40E-01	3.90E-01	6.69E+01	9.24E-04	6.62E+01	6.75E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NGN210	1.91E-02	1.91E+00	-2.37E-02	1.93E+00	1.61E-06	0.00E+00	1.22E+03	1.13E-04	1.59E-03	1.68E-02	1.73E-03	4.11E+00	2.62E-08	1.15E-07	5.74E+00	2.68E-01	2.47E-03	9.38E-02	2.27E-02	3.61E-01	6.41E+01	2.06E+00	3.20E-07	1.22E-07	5.84E-03	1.40E-04	7.87E-01	5.68E-01	6.66E+01	9.17E-04	6.63E+01	6.82E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NGN216	2.02E-02	1.91E+00	-2.09E-02	1.93E+00	1.65E-06	0.00E+00	1.21E+03	1.13E-04	1.56E-03	1.66E-02	1.76E-03	4.21E+00	2.59E-08	1.14E-07	5.69E+00	2.56E-01	2.52E-03	9.41E-02	2.58E-02	3.65E-01	6.37E+01	2.05E+00	3.21E-07	1.26E-07	5.89E-03	1.41E-04	8.39E-01	5.71E-01	6.62E+01	9.13E-04	6.59E+01	6.78E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NGN220	2.16E-02	1.91E+00	-2.25E-02	1.93E+00	1.65E-06	0.00E+00	1.20E+03	1.25E-04	1.56E-03	1.66E-02	1.87E-03	4.83E+00	2.62E-08	1.36E-07	7.68E+00	3.21E-01	2.77E-03	9.54E-02	3.12E-02	3.76E-01	6.33E+01	2.06E+00	3.22E-07	1.35E-07	5.95E-03	1.42E-04	8.72E-01	5.72E-01	6.60E+01	9.23E-04	6.58E+01	6.77E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NGN225	2.23E-02	1.91E+00	-2.19E-02	1.93E+00	1.67E-06	0.00E+00	1.20E+03	2.02E-04	1.56E-03	1.65E-02	1.99E-03	7.19E+00	2.63E-08	2.03E-07	1.53E+01	4.89E-01	2.78E-03	9.61E-02	3.22E-02	3.81E-01	6.33E+01	2.19E+00	3.24E-07	1.41E-07	5.98E-03	1.44E-04	9.28E-01	5.72E-01	6.55E+01	9.33E-04	6.54E+01	6.71E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NGN232	2.24E-02	1.87E+00	-1.43E-02	1.89E+00	1.75E-06	0.00E+00	1.02E+03	2.38E-04	1.28E-03	1.35E-02	2.08E-03	8.53E+00	2.19E-08	2.18E-07	1.75E+01	6.55E-01	2.87E-03	9.61E-02	3.03E-02	3.74E-01	6.22E+01	1.58E+00	3.18E-07	1.42E-07	5.93E-03	1.44E-04	9.68E-01	5.01E-01	6.48E+01	9.57E-04	6.46E+01	6.65E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NGN240	2.22E-02	1.84E+00	-2.33E-03	1.85E+00	1.71E-06	0.00E+00	1.09E+03	2.16E-04	1.26E-03	1.32E-02	2.03E-03	8.62E+00	2.04E-08	2.19E-07	1.84E+01	5.69E-01	2.84E-03	9.55E-02	3.10E-02	3.71E-01	6.14E+01	1.45E+00	3.14E-07	1.39E-07	5.93E-03	1.44E-04	9.52E-01	2.94E-01	6.37E+01	9.38E-04	6.33E+01	6.53E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NGN250	2.28E-02	1.86E+00	-4.18E-03	1.86E+00	1.69E-06	0.00E+00	1.01E+03	2.47E-04	1.29E-03	1.35E-02	2.05E-03	9.52E+00	2.20E-08	2.38E-07	1.91E+01	6.72E-01	2.86E-03	9.60E-02	3.12E-02	3.89E-01	6.13E+01	1.55E+00	3.38E-07	1.48E-07	5.97E-03	1.46E-04	1.00E+00	3.93E-01	6.35E+01	1.07E-03	6.31E+01	6.51E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NGN263	2.60E-02	1.86E+00	-3.68E-03	1.86E+00	1.69E-06	0.00E+00	1.01E+03	3.52E-04	1.29E-03	1.35E-02	2.07E-03	1.26E+01	2.24E-08	3.18E-07	2.68E+01	9.79E-01	2.90E-03	9.59E-02	3.57E-02	3.96E-01	6.12E+01	1.55E+00	3.67E-07	1.64E-07	5.97E-03	1.46E-04	1.19E+00	3.93E-01	6.35E+01	1.05E-03	6.30E+01	6.49E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NGN300	2.53E-02	2.86E+00	-2.82E-02	2.91E+00	2.26E-06	0.00E+00	1.79E+03	1.13E-04	2.05E-03	2.17E-02	3.17E-03	5.02E+00	4.14E-08	1.69E-07	8.13E+00	2.79E-01	4.29E-03	1.24E-01	3.60E-02	5.79E-01	1.01E+02	3.07E+00	3.06E-07	1.74E-07	8.64E-03	2.21E-04	9.86E-01	7.94E-01	1.04E+02	1.35E-03	1.04E+02	1.05E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NGN301	2.41E-02	2.43E+00	-6.89E-03	2.42E+00	1.78E-06	0.00E+00	1.13E+03	9.44E-05	1.69E-03	1.82E-02	2.94E-03	4.07E+00	3.01E-08	1.44E-07	7.75E+00	2.35E-01	3.99E-03	1.21E-01	3.43E-02	5.48E-01	9.96E+01	2.81E+00	3.01E-07	1.54E-07	7.99E-03	1.95E-04	9.38E-01	5.33E-01	1.03E+02	1.32E-03	1.02E+02	1.04E+02	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NGN302	2.51E-02	2.43E+00	-6.78E-03	2.43E+00	2.07E-06	0.00E+00	1.15E+03	1.77E-04	1.71E-03	1.85E-02	3.07E-03	7.55E+00	3.23E-08	1.89E-07	1.59E+01	4.67E-01	4.16E-03	1.23E-01	3.53E-02	5.56E-01	1.00E+02	2.73E+00	3.13E-07	1.58E-07	8.10E-03	2.01E-04	1.06E+00	6.20E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NGN303	2.45E-02	2.43E+00	-5.34E-03	2.42E+00	2.04E-06	0.00E+00	1.13E+03	1.76E-04	1.72E-03	1.85E-02	2.99E-03	7.32E+00	3.23E-08	1.90E-07	1.55E+01	4.63E-01	4.05E-03	1.21E-01	3.46E-02	5.56E-01	1.00E+02	2.77E+00	3.10E-07	1.57E-07	8.10E-03	2.01E-04	1.05E+00	5.49E-01	1.03E+02	1.32E-03	1.02E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NGN304	2.49E-02	2.43E+00	-5.68E-03	2.43E+00	2.08E-06	0.00E+00	1.03E+03	1.74E-04	1.71E-03	1.86E-02	2.99E-03	7.50E+00	3.27E-08	1.87E-07	1.57E+01	4.54E-01	4.05E-03	1.23E-01	3.52E-02	5.58E-01	1.00E+02	2.77E+00	3.11E-07	1.60E-07	8.11E-03	2.02E-04	1.06E+00	5.53E-01	1.03E+02	1.35E-03	1.03E+02	1.05E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NGN306	2.12E-02	2.42E+00	-7.55E-03	2.42E+00	1.75E-06	0.00E+00	1.15E+03	1.15E-04	1.66E-03	1.77E-02	2.84E-03	4.60E+00	2.34E-08	1.58E-07	7.19E+00	2.93E-01	3.84E-03	1.21E-01	3.00E-02	4.71E-01	1.01E+02	2.85E+00	2.98E-07	1.37E-07	7.12E-03	1.83E-04	9.33E-01	6.17E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NGN310	2.12E-02	2.47E+00	-2.46E-02	2.48E+00	1.87E-06	0.00E+00	1.69E+03	1.62E-04	1.71E-03	1.83E-02	2.74E-03	6.86E+00	2.83E-08	1.75E-07	1.47E+01	3.83E-01	3.72E-03	1.24E-01	3.02E-02	4.49E-01	1.01E+02	2.52E+00	3.01E-07	1.38E-07	6.94E-03	1.82E-04	9.62E-01	6.73E-01	1.04E+02	1.32E-03	1.04E+02	1.05E+02	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NGN316	2.19E-02	2.73E+00	-2.63E-02	2.78E+00	2.00E-06	0.00E+00	1.70E+03	1.59E-04	1.84E-03	1.96E-02	2.84E-03	7.01E+00	3.10E-08	1.76E-07	1.49E+01	3.68E-01	3.84E-03	1.24E-01	3.13E-02	4.79E-01	1.01E+02	3.04E+00	3.01E-07	1.42E-07	7.14E-03	1.88E-04	9.64E-01	7.60E-01	1.04E+02	1.35E-03	1.04E+02	1.05E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NGN320	2.23E-02	2.76E+00	-3.51E-02	2.82E+00	2.30E-06	0.00E+00	1.71E+03	1.71E-04	1.88E-03	2.01E-02	3.00E-03	7.67E+00	3.15E-08	1.85E-07	1.59E+01	4.39E-01	4.05E-03	1.26E-01	3.27E-02	5.41E-01	1.04E+02	3.07E+00	2.83E-07	1.45E-07	7.40E-03	2.06E-04	9.60E-01	8.14E-01	1.05E+02	1.36E-03	1.06E+02	1.07E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NGN325	2.37E-02	2.78E+00	-2.78E-02	2.87E+00	2.11E-06	0.00E+00	1.71E+03	1.96E-04	1.87E-03	2.03E-02	3.00E-03	8.60E+00	3.16E-08	2.09E-07	1.76E+01	4.68E-01	4.05E-03	1.26E-01	3.63E-02	5.36E-01	1.02E+02	3.10E+00	3.00E-07	1.57E-07	7.46E-03	2.09E-04	1.06E+00	7.71E-01	1.06E+02	1.40E-03	1.06E+02	1.07E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NGN332	2.90E-02	2.44E+00	-1.17E-02	2.44E+00	2.15E-06	0.00E+00	1.03E+03	3.61E-04	1.76E-03	1.89E-02	3.15E-03	1.16E+01	2.70E-08	3.21E-07	2.53E+01	9.74E-01	4.25E-03	1.28E-01	4.29E-02	5.42E-01	1.00E+02	2.69E+00	3.34E-07	1.82E-07	7.86E-03	2.02E-04	1.20E+00	6.54E-01	1.04E+02	1.54E-03	1.03E+02	1.05E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NGN340	2.54E-02	2.44E+00	-1.08E-02	2.44E+00	2.12E-06	0.00E+00	1.03E+03	2.38E-04	1.87E-03	1.98E-02	3.17E-03	1.01E+01	2.73E-08	2.36E-07	2.08E+01	6.46E-01	4.30E-03	1.27E-01	3.82E-02	5.57E-01	9.76E+01	2.73E+00	3.26E-07	1.81E-07	8.35E-03	2.14E-04	1.04E+00	6.55E-01	1.01E+02	1.63E-03	1.01E+02	1.01E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NGN350	3.22E-02	2.44E+00	-2.29E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.87E-04	1.88E-03	1.99E-02	3.17E-03	1.51E+01	2.71E-08	3.63E-07	3.26E+01	1.09E+00	4.30E-03	1.26E-01	4.60E-02	5.64E-01	9.44E+01	2.65E+00	3.61E-07	2.18E-07	8.58E-03	2.18E-04	1.34E+00	5.58E-01	9.84E+01	1.63E-03	9.80E+01	9.98E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NGN363	3.14E-02	2.43E+00	-1.66E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.94E-04	1.75E-03	1.87E-02	3.15E-03	1.34E+01	2.65E-08	3.43E-07	3.19E+01	1.11E+00	4.26E-03	1.25E-01	4.52E-02	5.53E-01	9.47E+01	2.65E+00	4.59E-07	2.01E-07	8.10E-03	2.03E-04	1.29E+00	5.37E-01	9.85E+01	1.68E-03	9.80E+01	1.00E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NGN400	3.17E-02	3.40E+00	-2.93E-02	3.45E+00	2.52E-06	0.00E+00	2.28E+03	1.54E-04	2.52E-03	2.66E-02	4.05E-03	9.58E+00	4.98E-08	2.03E-07	1.78E+01	4.04E-01	5.64E-03	1.81E-01	4.85E-02	6.46E-01	1.20E+02	3.83E+00	4.73E-07	2.05E-07	9.89E-03	2.76E-04	1.13E+00	9.37E-01	1.22E+02	1.78E-03	1.21E+02	1.25E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NGN401	3.03E-02	2.47E+00	-7.00E-03	2.46E+00	2.13E-06	0.00E+00	1.14E+03	1.25E-04	2.25E-03	2.31E-02	3.92E-03	5.07E+00	3.42E-08	1.61E-07	8.18E+00	3.20E-01	5.46E-03	1.69E-01	3.98E-02	6.24E-01	1.26E+02	2.74E+00	4.07E-07	1.96E-07	9.75E-03	2.64E-04	1.05E+00	5.92E-01	1.31E+02	1.70E-03	1.30E+02	1.31E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
NGN402	3.10E-02	2.48E+00	-1.79E-02	2.46E+00	2.17E-06	0.00E+00	1.76E+03	2.11E-04	2.25E-03	2.34E-02	3.95E-03	1.02E+01	3.47E-08	2.29E-07	1.89E+01	5.10E-01	5.51E-03	1.70E-01	4.26E-02	6.34E-01	1.26E+02	2.77E+00	4.12E-07	2.04E-07	9.81E-03	2.74E-04	1.15E+00	6.57E-01	1.31E+02	1.74E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NGN403	3.11E-02	2.48E+00	-1.90E-02	2.47E+00	2.21E-06	0.00E+00	2.06E+03	2.08E-04	2.34E-03	2.48E-02	3.95E-03	1.02E+01	3.85E-08	2.29E-07	1.87E+01	5.02E-01	5.51E-03	1.69E-01	4.30E-02	6.33E-01	1.25E+02	2.81E+00	4.07E-07	2.05E-07	9.85E-03	2.73E-04	1.15E+00	6.59E-01	1.31E+02	1.78E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
NGN404	3.12E-02	2.48E+00	-3.41E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.15E-04	2.22E-03	2.29E-02	3.92E-03	1.06E+01	3.39E-08	2.36E-07	1.95E+01	5.36E-01	5.41E-03	1.69E-01	4.38E-02	6.13E-01	1.26E+02	2.70E+00	4.10E-07	2.04E-07	9.80E-03	2.44E-04	1.13E+00	5.40E-01	1.33E+02	1.74E-03	1.31E+02	1.31E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NGN406	2.95E-02	2.52E+00	-2.10E-02	2.51E+00	2.19E-06	0.00E+00	2.04E+03	1.27E-04	2.31E-03	2.43E-02	3.80E-03	5.51E+00	2.99E-08	1.58E-07	1.00E+01	3.16E-01	5.32E-03	1.68E-01	3.67E-02	5.96E-01	1.26E+02	2.41E+00	4.06E-07	1.90E-07	9.62E-03	2.40E-04	9.47E-01	6.59E-01	1.31E+02	1.69E-03	1.29E+02	1.29E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NGN410	2.84E-02	3.16E+00	-3.37E-02	3.23E+00	2.35E-06	0.00E+00	2.28E+03	1.75E-04	2.45E-03	2.60E-02	3.68E-03	9.81E+00	3.40E-08	2.06E-07	1.81E+01	4.33E-01	5.10E-03	1.72E-01	3.75E-02	6.02E-01	1.29E+02	3.68E+00	4.00E-07	1.90E-07	9.49E-03	2.33E-04	1.02E+00	8.44E-01	1.32E+02	1.75E-03	1.31E+02	1.32E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NGN416	3.04E-02	3.21E+00	-3.02E-02	3.31E+00	2.37E-06	0.00E+00	2.32E+03	2.03E-04	2.47E-03	2.67E-02	3.83E-03	1.06E+01	3.47E-08	2.30E-07	1.95E+01	4.90E-01	5.33E-03	1.69E-01	4.14E-02	6.07E-01	1.30E+02	3.72E+00	4.01E-07	1.98E-07	9.78E-03	2.44E-04	1.13E+00	8.96E-01	1.33E+02	1.74E-03	1.32E+02	1.33E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NGN420	3.05E-02	3.44E+00	-2.86E-02	3.49E+00	2.38E-06	0.00E+00	2.32E+03	2.17E-04	2.46E-03	2.67E-02	3.92E-03	1.07E+01	3.51E-08	2.35E-07	2.01E+01	5.43E-01	5.41E-03	1.70E-01	4.23E-02	6.10E-01	1.30E+02	3.73E+00	3.98E-07	1.98E-07	9.80E-03	2.47E-04	1.13E+00	8.97E-01	1.34E+02	1.76E-03	1.33E+02	1.35E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NGN425	3.28E-02	3.50E+00	-1.98E-02	3.54E+00	2.39E-06	0.00E+00	2.30E+03	3.23E-04	2.52E-03	2.72E-02	3.91E-03	1.21E+01	3.55E-08	3.08E-07	2.31E+01	8.33E-01	5.39E-03	1.70E-01	4.57E-02	6.32E-01	1.29E+02	3.77E+00	4.12E-07	2.17E-07	9.86E-03	2.49E-04	1.31E+00	8.97E-01	1.33E+02	1.78E-03	1.32E+02	1.34E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NGN432	3.88E-02	2.49E+00	-9.86E-03	2.48E+00	2.33E-06	0.00E+00	1.72E+03	5.04E-04	2.47E-03	2.60E-02	4.11E-03	1.50E+01	2.87E-08	3.96E-07	3.03E+01	1.43E+00	5.55E-03	1.79E-01	5.76E-02	6.46E-01	1.15E+02	2.77E+00	5.13E-07	2.46E-07	1.09E-02	2.92E-04	1.39E+00	6.65E-01	1.21E+02	2.02E-03	1.20E+02	1.21E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+00
NGN440	3.91E-02	2.55E+00	-2.43E-03	2.55E+00	2.55E-06	0.00E+00	1.70E+03	5.51E-04	2.51E-03	2.63E-02	4.16E-03	1.63E+01	3.26E-08	4.14E-07	3.68E+01	1.54E+00	5.63E-03	1.78E-01	5.84E-02	6.50E-01	1.12E+02	2.39E+00	4.77E-07	2.51E-07	1.11E-02	2.98E-04	1.44E+00	7.96E-01	1.17E+02	2.13E-03	1.17E+02	1.19E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NGN450	3.94E-02	2.49E+00	-2.70E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.25E-04	2.41E-03	2.45E-02	4.18E-03	1.65E+01	2.72E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.51E-01	1.13E+02	2.70E+00	5.11E-07	2.53E-07	1.11E-02	2.92E-04	1.43E+00	6.00E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NGN463	4.62E-02	3.58E+00	-5.77E-04	3.60E+00	2.58E-06	0.00E+00	1.71E+03	5.78E-04	2.75E-03	2.92E-02	4.30E-03	2.19E+01	3.52E-08	5.28E-07	4.34E+01	1.63E+00	6.01E-03	1.81E-01	6.43E-02	7.73E-01	1.11E+02	3.96E+00	5.31E-07	3.02E-07	1.16E-02	3.06E-04	2.12E+00	8.00E-01	1.17E+02	2.19E-03	1.16E+02	1.19E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+00
NGT306	2.26E-02	2.58E+00	-2.84E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.38E-05	1.77E-03	1.95E-02	0.00E+00	6.84E+00	1.10E-07	1.88E-07	2.70E+00	1.61E-02	3.94E-03	1.16E-01	2.56E-02	6.98E-01	7.82E+01	2.81E+00	2.72E-07	1.60E-07	7.15E-03	1.75E-04	2.27E+00	9.64E-01	8.11E+01	8.32E-03	8.11E+01	8.43E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
NGT310	2.22E-02	2.54E+00	-2.77E-02	2.57E+00	2.41E-06	0.00E+00	1.19E+03	2.38E-05	1.74E-03	1.90E-02	0.00E+00	7.30E+00	1.04E-07	1.94E-07	2.70E+00	1.58E-02	3.99E-03	1.15E-01	2.51E-02	6.35E-01	7.75E+01	2.81E+00	2.74E-07	1.55E-07	7.03E-03	1.75E-04	2.21E+00	9.67E-01	8.03E+01	8.33E-03	8.03E+01	8.35E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
NGT316	2.29E-02	2.55E+00	-2.68E-02	2.58E+00	2.41E-06	0.00E+00	1.19E+03	2.39E-05	1.75E-03	1.91E-02	0.00E+00	7.90E+00	1.04E-07	2.05E-07	2.75E+00	1.61E-02	4.04E-03	1.15E-01	2.60E-02	6.35E-01	7.79E+01	2.82E+00	2.78E-07	1.59E-07	7.11E-03	1.77E-04	2.26E+00	9.72E-01	8.08E+01	8.34E-03	8.08E+01	8.40E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NGT320	2.47E-02	2.58E+00	-2.48E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.40E-05	1.78E-03	1.94E-02	0.00E+00	9.10E+00	1.05E-07	2.27E-07	2.77E+00	1.64E-02	4.16E-03	1.15E-01	2.82E-02	6.52E-01	7.85E+01	2.82E+00	2.85E-07	1.71E-07	7.33E-03	1.79E-04	2.35E+00	9.80E-01	8.13E+01	8.35E-03	8.13E+01	8.46E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NGT325	2.47E-02	2.59E+00	-2.48E-02	2.61E+00	2.41E-06	0.00E+00	1.19E+03	2.40E-05	1.78E-03	1.95E-02	0.00E+00	9.10E+00	1.05E-07	2.27E-07	2.78E+00	1.64E-02	4.16E-03	1.15E-01	2.82E-02	6.52E-01	7.85E+01	2.82E+00	2.85E-07	1.71E-07	7.33E-03	1.79E-04	2.35E+00	9.80E-01	8.14E+01	8.35E-03	8.14E+01	8.47E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NGT332	2.68E-02	2.60E+00	-2.08E-02	2.62E+00	2.42E-06	0.00E+00	1.19E+03	2.42E-05	1.82E-03	2.01E-02	0.00E+00	1.11E+01	1.06E-07	2.63E-07	2.85E+00	1.72E-02	4.23E-03	1.16E-01	3.06E-02	6.69E-01	7.70E+01	2.82E+00	2.94E-07	1.84E-07	7.59E-03	1.83E-04	2.66E+00	9.86E-01	7.98E+01	8.39E-03	7.98E+01	8.34E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NGT340	2.82E-02	2.53E+00	-2.06E-02	2.55E+00	2.42E-06	0.00E+00	1.19E+03	2.33E-05	1.81E-03	1.98E-02	0.00E+00	1.26E+01	1.31E-07	2.85E-07	2.26E+00	1.57E-02	4.29E-03	1.07E-01	3.16E-02	6.73E-01	6.89E+01	2.83E+00	3.04E-07	1.92E-07	7.64E-03	1.87E-04	2.26E+00	9.90E-01	7.18E+01	8.48E-03	7.18E+01	7.50E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
NGT701	8.63E-03	1.09E+00	-8.77E-03	1.13E+00	8.75E-07	0.00E+00	4.94E+02	4.53E-05	6.64E-04	7.38E-03	1.04E-03	2.17E+00	1.69E-08	7.28E-08	4.28E+00	1.18E-01	1.41E-03	5.63E-02	1.28E-02	2.12E-01	4.01E+01	1.11E+00	9.06E-08	5.65E-08	3.11E-03	6.67E-05	5.32E-01	2.29E-01	4.05E+01	3.08E-03	4.05E+01	4.11E+01	7.21E-01	0.00E+00	0.00E+00	0.00E+00	5.59E-01
NGT702	8.66E-03	1.09E+00	-8.32E-03	1.10E+00	8.81E-07	0.00E+00	5.16E+02	4.13E-05	7.14E-04	7.97E-03	1.03E-03	1.97E+00	1.61E-08	7.16E-08	4.01E+00	1.03E-01	1.40E-03	5.66E-02	1.11E-02	2.33E-01	3.84E+01	1.13E+00	9.35E-08	5.56E-08	2.97E-03	6.90E-05	5.29E-01	2.51E-01	3.98E+01	3.10E-03	3.98E+01	4.07E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-01
NGT703	8.69E-03	1.09E+00	-8.76E-03	1.13E+00	8.89E-07	0.00E+00	5.01E+02	4.55E-05	6.64E-04	7.39E-03	1.04E-03	2.17E+00	1.69E-08	7.42E-08	4.30E+00	1.20E-01	1.40E-03	5.63E-02	1.29E-02	2.16E-01	4.02E+01	1.12E+00	8.96E-08	5.70E-08	3.12E-03	6.78E-05	5.35E-01	2.29E-01	4.07E+01	3.08E-03	4.07E+01	4.13E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-01
NGT704	8.73E-03	1.15E+00	-4.44E-03	1.16E+00	9.14E-07	0.00E+00	5.10E+02	9.84E-06	7.60E-04	8.36E-03	0.00E+00	2.32E+00	4.52E-08	7.16E-08	5.90E-01	6.55E-03	1.48E-03	6.04E-02	1.19E-02	2.81E-01	3.29E+01	1.13E+00	8.92E-08	6.03E-08	3.02E-03	4.56E-05	8.49E-01	2.64E-01	3.41E+01	3.11E-03	3.41E+01	3.52E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-01
NGT706	6.85E-03	1.07E+00	-5.65E-03	1.07E+00	9.10E-07	0.00E+00	4.61E+02	8.88E-06	6.86E-04	7.51E-03	0.00E+00	1.72E+00	4.15E-08	5.50E-08	5.57E-01	6.08E-03	1.39E-03	5.82E-02	9.00E-03	2.21E-01	3.15E+01	1.03E+00	8.40E-08	4.82E-08	2.69E-03	4.38E-05	7.66E-01	2.57E-01	3.25E+01	3.10E-03	3.25E+01	3.36E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-01
NGT710	7.11E-03	1.07E+00	-5.40E-03	1.08E+00	9.10E-07	0.00E+00	4.61E+02	8.90E-06	6.91E-04	7.57E-03	0.00E+00	1.86E+00	4.16E-08	5.78E-08	5.61E-01	6.11E-03	1.41E-03	5.82E-02	9.35E-03	2.28E-01	3.16E+01	1.03E+00	8.47E-08	4.99E-08	2.72E-03	4.41E-05	7.76E-01	2.58E-01	3.26E+01	3.10E-03	3.26E+01	3.36E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NGT716	7.37E-03	1.08E+00	-5.12E-03	1.08E+00	9.11E-07	0.00E+00	4.61E+02	8.94E-06	6.94E-04	7.60E-03	0.00E+00	2.06E+00	4.16E-08	6.14E-08	5.76E-01	6.19E-03	1.43E-03	5.83E-02	9.67E-03	2.28E-01	3.17E+01	1.03E+00	8.59E-08	5.16E-08	2.75E-03	4.46E-05	7.94E-01	2.60E-01	3.27E+01	3.11E-03	3.27E+01	3.38E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-01
NGT720	1.17E-02	1.06E+00	1.01E-03	1.05E+00	9.15E-07	0.00E+00	4.62E+02	9.13E-06	7.35E-04	8.18E-03	0.00E+00	5.50E+00	4.27E-08	1.22E-07	6.79E-01	6.90E-03	1.48E-03	6.02E-02	1.32E-02	2.34E-01	2.78E+01	1.03E+00	1.01E-07	7.81E-08	3.11E-03	4.92E-05	1.09E+00	2.64E-01	2.88E+01	3.16E-03	2.88E+01	3.01E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-01
NGT725	1.17E-02	1.06E+00	1.01E-03	1.06E+00	9.15E-07	0.00E+00	4.62E+02	9.14E-06	7.37E-04	8.20E-03	0.00E+00	5.50E+00	4.29E-08	1.23E-07	6.79E-01	6.90E-03	1.48E-03	6.02E-02	1.33E-02	2.38E-01	2.78E+01	1.03E+00	1.01E-07	7.88E-08	3.12E-03	4.93E-05	1.09E+00	2.64E-01	2.88E+01	3.16E-03	2.88E+01	3.02E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-01
NGT732	1.20E-02	1.06E+00	1.39E-03	1.06E+00	9.15E-07	0.00E+00	4.62E+02	9.15E-06	7.41E-04	8.24E-03	0.00E+00	5.72E+00	4.27E-08	1.26E-07	6.86E-01	6.95E-03	1.50E-03	6.02E-02	1.36E-02	2.35E-01	2.79E+01	1.03E+00	1.02E-07	8.00E-08	3.15E-03	4.97E-05	1.11E+00	2.66E-01	2.89E+01	3.16E-03	2.89E+01	3.03E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NGT740	1.16E-02	1.00E+00	-2.64E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.40E-04	8.10E-03	1.09E-03	5.72E+00	4.82E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.74E-02	1.73E-01	3.07E+01	1.07E+00	1.05E-07	7.63E-08	3.20E-03	6.00E-05	5.30E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NGT806	2.17E-02	2.75E+00	-3.06E-02	2.78E+00	2.42E-06	0.00E+00	1.23E+03	2.45E-05	1.85E-03	2.02E-02	0.00E+00	6.27E+00	1.15E-07	1.80E-07	2.67E+00	1.64E-02	4.06E-03	1.36E-01	2.61E-02	6.99E-01	8.32E+01	2.89E+00	2.67E-07	1.54E-07	7.39E-03	1.74E-04	2.21E+00	9.77E-01	8.61E+01	8.66E-03	8.61E+01	8.93E+01	3.19E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NGT810	2.17E-02	2.73E+00	-2.98E-02	2.76E+00	2.42E-06	0.00E+00	1.23E+03	2.45E-05	1.83E-03	2.00E-02	0.00E+00	6.72E+00	1.11E-07	1.87E-07	2.68E+00	1.62E-02	4.11E-03	1.35E-01	2.61E-02	6.64E-01	8.28E+01	2.89E+00	2.69E-07	1.52E-07	7.34E-03	1.74E-04	2.19E+00	9.80E-01	8.57E+01	8.66E-03	8.57E+01	8.89E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NGT816	2.24E-02	2.74E+00	-2.90E-02	2.77E+00	2.42E-06	0.00E+00	1.23E+03	2.46E-05	1.84E-03	2.00E-02	0.00E+00	7.32E+00	1.12E-07	1.97E-07	2.72E+00	1.64E-02	4.16E-03	1.35E-01	2.70E-02	6.64E-01	8.32E+01	2.89E+00	2.72E-07	1.57E-07	7.43E-03	1.76E-04	2.24E+00	9.85E-01	8.61E+01	8.67E-03	8.61E+01	8.93E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NGT820	2.79E-02	2.74E+00	-2.15E-02	2.76E+00	2.43E-06	0.00E+00	1.23E+03	2.49E-05	1.90E-03	2.09E-02	0.00E+00	1.16E+01	1.13E-07	2.73E-07	2.84E+00	1.73E-02	4.30E-03	1.37E-01	3.20E-02	6.81E-01	7.97E+01	2.90E+00	2.92E-07	1.91E-07	7.94E-03	1.82E-04	2.60E+00	9.94E-01	8.25E+01	8.74E-03	8.25E+01	8.61E+01	3.59E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NGT825	2.80E-02	2.74E+00	-2.15E-02	2.77E+00	2.43E-06	0.00E+00	1.23E+03	2.49E-05	1.90E-03	2.09E-02	0.00E+00	1.16E+01	1.14E-07	2.73E-07	2.85E+00	1.73E-02	4.30E-03	1.37E-01	3.21E-02	6.86E-01	7.97E+01	2.90E+00	2.92E-07	1.92E-07	7.95E-03	1.82E-04	2.60E+00	9.95E-01	8.26E+01	8.74E-03	8.26E+01	8.62E+01	3.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NGT832	2.96E-02	2.76E+00	-1.85E-02	2.78E+00	2.43E-06	0.00E+00	1.23E+03	2.51E-05	1.94E-03	2.13E-02	0.00E+00	1.32E+01	1.14E-07	3.01E-07	2.90E+00	1.79E-02	4.37E-03	1.38E-01	3.40E-02	6.93E-01	7.87E+01	2.90E+00	2.99E-07	2.02E-07	8.15E-03	1.85E-04	2.82E+00	1.00E+00	8.16E+01	8.77E-03	8.16E+01	8.55E+01	3.82E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NGT840	3.07E-02	2.71E+00	-1.83E-02	2.73E+00	2.43E-06	0.00E+00	1.23E+03	2.45E-05	1.93E-03	2.12E-02	0.00E+00	1.42E+01	1.31E-07	3.16E-07	2.51E+00	1.70E-02	4.41E-03	1.32E-01	3.48E-02	7.00E-01	7.34E+01	2.90E+00	3.05E-07	2.08E-07	8.19E-03	1.87E-04	2.56E+00	1.00E+00	7.63E+01	8.83E-03	7.63E+01	7.99E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NKN100	8.87E-03	1.00E+00	-5.01E-03	1.05E+00	8.24E-07	0.00E+00	5.44E+02	5.08E-05	6.46E-04	6.48E-03	1.02E-03	2.36E+00	2.56E-08	8.07E-08	5.11E+00	1.31E-01	1.38E-03	4.34E-02	1.34E-02	2.69E-01	3.51E+01	1.18E+00	9.86E-08	5.93E-08	2.58E-03	1.19E-04	4.49E-01	2.22E-01	3.64E+01	3.46E-04	3.64E+01	3.70E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	5.52E-01
NKN101	8.19E-03	1.00E+00	-4.98E-03	1.04E+00	8.25E-07	0.00E+00	5.65E+02	5.15E-05	6.39E-04	6.40E-03	1.01E-03	2.32E+00	2.52E-08	8.05E-08	5.13E+00	1.35E-01	1.37E-03	4.32E-02	1.33E-02	2.63E-01	3.51E+01	1.16E+00	9.96E-08	5.77E-08	2.57E-03	1.16E-04	4.51E-01	2.20E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NKN103	8.33E-03	9.96E-01	-5.05E-03	1.04E+00	8.74E-07	0.00E+00	5.53E+02	5.00E-05	6.43E-04	6.47E-03	1.02E-03	2.34E+00	2.51E-08	7.93E-08	5.10E+00	1.31E-01	1.37E-03	4.33E-02	1.33E-02	2.65E-01	3.52E+01	1.16E+00	9.78E-08	5.74E-08	2.58E-03	1.17E-04	4.55E-01	2.21E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	6.55E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-01
NKN106	7.04E-03	8.97E-01	-7.72E-03	9.10E-01	8.77E-07	0.00E+00	5.49E+02	4.38E-05	5.76E-04	6.03E-03	9.53E-04	1.78E+00	1.56E-08	4.71E-08	3.78E+00	1.10E-01	1.30E-03	4.24E-02	9.91E-03	1.58E-01	3.50E+01	1.01E+00	8.68E-08	4.61E-08	2.35E-03	5.54E-05	3.10E-01	2.19E-01	3.62E+01	4.06E-04	3.62E+01	3.68E+01	5.42E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
NKN110	5.97E-03	8.17E-01	-7.75E-03	8.25E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.15E-04	5.56E-03	9.63E-04	1.76E+00	1.24E-08	4.26E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.25E-03	1.44E-01	3.35E+01	9.87E-01	8.49E-08	3.98E-08	2.08E-03	5.56E-05	2.67E-01	2.26E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NKN116	6.24E-03	8.24E-01	-7.71E-03	8.32E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.22E-04	5.64E-03	9.80E-04	1.96E+00	1.25E-08	4.56E-08	3.93E+00	9.44E-02	1.33E-03	4.22E-02	9.54E-03	1.32E-01	3.34E+01	1.01E+00	8.63E-08	4.11E-08	2.12E-03	5.14E-05	2.38E-01	2.28E-01	3.44E+01	4.24E-04	3.44E+01	3.49E+01	4.66E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
NKN120	7.06E-03	8.48E-01	-6.04E-03	8.54E-01	9.31E-07	0.00E+00	6.34E+02	6.51E-05	5.49E-04	5.98E-03	1.02E-03	2.57E+00	1.29E-08	5.87E-08	5.29E+00	1.73E-01	1.38E-03	4.32E-02	1.10E-02	1.39E-01	3.33E+01	1.01E+00	9.06E-08	4.60E-08	2.26E-03	5.36E-05	2.81E-01	2.31E-01	3.43E+01	4.31E-04	3.43E+01	3.48E+01	5.12E-01	0.00E+00	0.00E+00	0.00E+00	4.74E-01
NKN125	7.07E-03	8.47E-01	-5.89E-03	8.53E-01	9.31E-07	0.00E+00	6.20E+02	6.49E-05	5.50E-04	5.99E-03	1.01E-03	2.57E+00	1.29E-08	5.93E-08	5.33E+00	1.74E-01	1.37E-03	4.31E-02	1.11E-02	1.49E-01	3.36E+01	9.90E-01	9.06E-08	4.64E-08	2.26E-03	5.65E-05	3.16E-01	2.31E-01	3.46E+01	4.31E-04	3.46E+01	3.51E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NKN132	9.96E-03	9.06E-01	-2.05E-03	9.03E-01	9.02E-07	0.00E+00	5.34E+02	1.10E-04	6.31E-04	6.77E-03	1.05E-03	4.24E+00	1.62E-08	1.08E-07	8.90E+00	3.05E-01	1.42E-03	4.42E-02	1.41E-02	1.65E-01	3.28E+01	1.01E+00	9.84E-08	6.25E-08	2.63E-03	6.29E-05	4.83E-01	2.22E-01	3.39E+01	4.80E-04	3.39E+01	3.48E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-01
NKN140	1.05E-02	9.04E-01	-5.50E-04	8.99E-01	9.10E-07	0.00E+00	4.89E+02	1.13E-04	6.33E-04	6.92E-03	1.06E-03	4.91E+00	1.62E-08	1.23E-07	9.68E+00	3.44E-01	1.43E-03	4.36E-02	1.44E-02	1.67E-01	3.14E+01	1.03E+00	1.00E-07	6.53E-08	2.71E-03	6.49E-05	5.04E-01	2.23E-01	3.29E+01	5.27E-04	3.29E+01	3.35E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	6.55E-01
NKN150	1.12E-02	8.98E-01	-2.00E-03	9.03E-01	9.65E-07	0.00E+00	4.18E+02	1.38E-04	6.51E-04	7.14E-03	1.06E-03	4.82E+00	1.71E-08	1.17E-07	9.67E+00	3.89E-01	1.44E-03	4.46E-02	1.58E-02	1.63E-01	3.14E+01	1.05E+00	1.23E-07	6.94E-08	2.74E-03	6.89E-05	5.03E-01	2.28E-01	3.19E+01	1.16E-03	3.19E+01	3.31E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NKN163	1.24E-02	9.09E-01	1.39E-03	9.07E-01	9.30E-07	0.00E+00	4.88E+02	1.51E-04	6.40E-04	7.01E-03	1.07E-03	6.18E+00	1.79E-08	1.44E-07	1.37E+01	4.26E-01	1.45E-03	4.33E-02	1.68E-02	1.76E-01	2.99E+01	1.04E+00	1.09E-07	8.04E-08	2.75E-03	6.62E-05	5.40E-01	2.24E-01	3.09E+01	5.48E-04	3.09E+01	3.19E+01	7.62E-01	0.00E+00	0.00E+00	0.00E+00	7.50E-01
NKN200	2.18E-02	2.00E+00	-3.40E-02	1.98E+00	1.80E-06	0.00E+00	1.18E+03	6.49E-05	1.59E-03	1.68E-02	1.97E-03	2.59E+00	3.60E-08	1.03E-07	5.48E+00	1.79E-01	2.97E-03	9.58E-02	3.41E-02	3.97E-01	6.36E+01	2.21E+00	2.97E-07	1.37E-07	6.18E-03	1.41E-04	8.57E-01	6.65E-01	6.62E+01	8.58E-04	6.62E+01	6.69E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00

NKN201	2.19E-02	1.92E+00	-7.93E-03	1.89E+00	1.42E-06	0.00E+00	1.12E+03	7.25E-05	1.26E-03	1.31E-02	1.85E-03	2.68E+00	2.81E-08	1.03E-07	5.71E+00	2.21E-01	2.73E-03	9.29E-02	3.50E-02	3.83E-01	6.45E+01	1.47E+00	3.38E-07	1.37E-07	6.13E-03	1.41E-04	7.65E-01	2.93E-01	6.72E+01	8.77E-04	6.65E+01	6.79E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NKN202	2.19E-02	1.91E+00	-3.75E-03	1.89E+00	1.44E-06	0.00E+00	1.12E+03	1.56E-04	1.26E-03	1.31E-02	1.85E-03	4.87E+00	2.95E-08	1.47E-07	8.66E+00	4.11E-01	2.74E-03	9.32E-02	3.56E-02	3.83E-01	6.45E+01	1.47E+00	3.25E-07	1.38E-07	6.13E-03	1.41E-04	9.26E-01	2.93E-01	6.72E+01	8.85E-04	6.65E+01	6.78E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NKN203	2.18E-02	2.00E+00	-3.40E-02	1.98E+00	1.84E-06	0.00E+00	1.18E+03	1.15E-04	1.59E-03	1.68E-02	1.97E-03	4.49E+00	4.54E-08	1.40E-07	6.49E+00	2.74E-01	2.97E-03	9.62E-02	3.43E-02	3.97E-01	6.34E+01	2.21E+00	3.00E-07	1.37E-07	6.20E-03	1.42E-04	9.16E-01	7.36E-01	6.57E+01	8.86E-04	6.57E+01	6.65E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NKN206	1.98E-02	1.88E+00	-1.11E-02	1.86E+00	1.46E-06	0.00E+00	1.19E+03	5.63E-05	1.27E-03	1.34E-02	1.74E-03	2.37E+00	2.00E-08	7.14E-08	4.81E+00	1.40E-01	2.48E-03	9.30E-02	2.47E-02	3.61E-01	6.40E+01	1.56E+00	3.16E-07	1.24E-07	5.98E-03	1.39E-04	6.36E-01	3.90E-01	6.69E+01	9.08E-04	6.62E+01	6.75E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
NKN210	1.23E-02	1.67E+00	-2.17E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.21E-02	1.96E-03	3.52E+00	2.53E-08	8.46E-08	8.12E+00	1.89E-01	2.66E-03	8.44E-02	1.86E-02	3.24E-01	6.76E+01	1.96E+00	1.73E-07	8.21E-08	4.43E-03	1.37E-04	5.38E-01	5.25E-01	6.96E+01	8.86E-04	6.96E+01	7.07E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-01
NKN213	2.14E-02	1.93E+00	-5.09E-02	1.96E+00	1.87E-06	0.00E+00	1.24E+03	1.08E-04	1.56E-03	1.65E-02	2.01E-03	5.02E+00	4.09E-08	1.36E-07	6.22E+00	2.63E-01	3.18E-03	9.72E-02	2.97E-02	3.85E-01	6.25E+01	2.94E+00	2.86E-07	1.35E-07	5.90E-03	1.43E-04	9.20E-01	1.01E+00	6.52E+01	9.42E-04	6.51E+01	6.63E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NKN216	1.28E-02	1.68E+00	-2.13E-02	1.70E+00	1.51E-06	0.00E+00	1.20E+03	7.74E-05	1.13E-03	1.22E-02	1.99E-03	3.92E+00	2.54E-08	9.18E-08	9.03E+00	1.89E-01	2.70E-03	8.44E-02	1.92E-02	3.20E-01	6.80E+01	1.97E+00	1.75E-07	8.56E-08	4.52E-03	1.35E-04	5.60E-01	5.28E-01	6.99E+01	8.90E-04	6.99E+01	7.10E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-01
NKN220	2.16E-02	1.91E+00	-2.25E-02	1.93E+00	1.65E-06	0.00E+00	1.20E+03	1.25E-04	1.56E-03	1.66E-02	1.87E-03	4.83E+00	2.62E-08	1.37E-07	7.68E+00	3.21E-01	2.79E-03	9.65E-02	3.00E-02	3.74E-01	6.28E+01	2.05E+00	3.21E-07	1.35E-07	5.95E-03	1.42E-04	8.73E-01	5.73E-01	6.54E+01	9.23E-04	6.52E+01	6.70E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NKN225	2.21E-02	1.91E+00	-1.60E-02	1.92E+00	1.57E-06	0.00E+00	1.15E+03	2.04E-04	1.56E-03	1.66E-02	1.98E-03	7.24E+00	2.49E-08	2.01E-07	1.56E+01	5.14E-01	2.74E-03	9.44E-02	3.15E-02	3.79E-01	6.29E+01	2.18E+00	3.23E-07	1.40E-07	5.97E-03	1.44E-04	9.44E-01	5.03E-01	6.56E+01	9.20E-04	6.54E+01	6.71E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NKN232	2.24E-02	1.90E+00	-1.50E-02	1.91E+00	1.75E-06	0.00E+00	1.18E+03	2.37E-04	1.28E-03	1.35E-02	2.08E-03	8.64E+00	2.19E-08	2.18E-07	1.75E+01	6.51E-01	2.87E-03	9.60E-02	3.04E-02	3.75E-01	6.21E+01	1.80E+00	3.18E-07	1.42E-07	5.93E-03	1.45E-04	9.69E-01	5.04E-01	6.44E+01	9.46E-04	6.42E+01	6.62E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NKN240	2.22E-02	1.87E+00	-4.41E-03	1.89E+00	1.72E-06	0.00E+00	1.11E+03	2.38E-04	1.28E-03	1.35E-02	2.03E-03	9.31E+00	2.17E-08	2.29E-07	1.89E+01	6.70E-01	2.85E-03	9.55E-02	3.10E-02	3.79E-01	6.14E+01	1.55E+00	3.14E-07	1.39E-07	5.95E-03	1.44E-04	9.62E-01	4.76E-01	6.37E+01	9.50E-04	6.32E+01	6.52E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NKN250	2.28E-02	1.86E+00	-4.18E-03	1.86E+00	1.69E-06	0.00E+00	1.01E+03	2.47E-04	1.29E-03	1.35E-02	2.05E-03	9.52E+00	2.20E-08	2.38E-07	1.91E+01	6.72E-01	2.86E-03	9.60E-02	3.12E-02	3.89E-01	6.13E+01	1.55E+00	3.38E-07	1.48E-07	5.97E-03	1.46E-04	1.00E+00	3.93E-01	6.35E+01	1.07E-03	6.31E+01	6.51E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NKN263	2.60E-02	1.86E+00	-3.68E-03	1.86E+00	1.70E-06	0.00E+00	1.01E+03	3.52E-04	1.29E-03	1.35E-02	2.06E-03	1.26E+01	2.24E-08	3.18E-07	2.68E+01	9.79E-01	2.89E-03	9.59E-02	3.57E-02	3.96E-01	6.12E+01	1.55E+00	3.67E-07	1.64E-07	5.97E-03	1.46E-04	1.19E+00	3.93E-01	6.35E+01	1.06E-03	6.30E+01	6.50E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NKN300	2.53E-02	2.48E+00	-2.15E-02	2.49E+00	2.18E-06	0.00E+00	1.63E+03	1.14E-04	1.80E-03	1.96E-02	3.12E-03	4.93E+00	3.75E-08	1.66E-07	8.09E+00	2.76E-01	4.23E-03	1.24E-01	3.58E-02	5.56E-01	1.00E+02	2.41E+00	3.17E-07	1.62E-07	8.17E-03	2.00E-04	1.00E+00	6.83E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NKN301	2.49E-02	2.43E+00	-8.61E-03	2.42E+00	2.05E-06	0.00E+00	1.13E+03	8.87E-05	1.71E-03	1.85E-02	3.07E-03	3.92E+00	3.10E-08	1.43E-07	7.40E+00	2.09E-01	4.16E-03	1.22E-01	3.52E-02	5.55E-01	1.00E+02	2.73E+00	3.07E-07	1.58E-07	8.10E-03	2.01E-04	9.40E-01	5.85E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NKN302	2.45E-02	2.43E+00	-3.75E-03	2.42E+00	2.05E-06	0.00E+00	1.13E+03	1.81E-04	1.70E-03	1.83E-02	2.99E-03	7.35E+00	3.14E-08	1.89E-07	1.55E+01	4.62E-01	4.05E-03	1.22E-01	3.46E-02	5.56E-01	1.00E+02	2.77E+00	3.11E-07	1.58E-07	8.10E-03	2.01E-04	1.06E+00	5.44E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NKN303	2.55E-02	2.84E+00	-3.37E-02	2.90E+00	2.23E-06	0.00E+00	1.72E+03	1.70E-04	2.05E-03	2.18E-02	3.18E-03	8.18E+00	4.95E-08	1.97E-07	1.71E+01	4.28E-01	4.30E-03	1.24E-01	3.58E-02	5.83E-01	1.02E+02	3.12E+00	3.24E-07	1.74E-07	8.69E-03	2.22E-04	1.04E+00	9.12E-01	1.05E+02	1.39E-03	1.05E+02	1.07E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NKN304	2.54E-02	2.81E+00	-2.31E-02	2.88E+00	2.29E-06	0.00E+00	1.79E+03	1.69E-04	1.91E-03	2.06E-02	3.12E-03	8.25E+00	4.02E-08	1.90E-07	1.73E+01	4.17E-01	4.23E-03	1.25E-01	3.62E-02	5.60E-01	1.00E+02	3.09E+00	3.19E-07	1.64E-07	8.20E-03	2.05E-04	1.06E+00	7.73E-01	1.04E+02	1.36E-03	1.04E+02	1.05E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NKN306	2.12E-02	2.42E+00	-4.54E-03	2.41E+00	1.72E-06	0.00E+00	1.13E+03	1.41E-04	1.65E-03	1.75E-02	2.79E-03	4.98E+00	2.23E-08	1.59E-07	8.58E+00	3.64E-01	3.80E-03	1.20E-01	2.99E-02	4.68E-01	1.01E+02	2.82E+00	2.98E-07	1.38E-07	7.11E-03	1.82E-04	9.25E-01	5.31E-01	1.03E+02	1.33E-03	1.02E+02	1.04E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NKN310	2.13E-02	2.74E+00	-3.03E-02	2.80E+00	1.96E-06	0.00E+00	1.64E+03	1.59E-04	1.83E-03	1.96E-02	2.81E-03	6.90E+00	3.08E-08	1.82E-07	1.49E+01	3.80E-01	3.82E-03	1.23E-01	3.02E-02	4.75E-01	1.01E+02	3.01E+00	2.83E-07	1.37E-07	7.12E-03	1.87E-04	9.46E-01	7.60E-01	1.04E+02	1.33E-03	1.04E+02	1.05E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NKN313	2.27E-02	2.77E+00	-4.05E-02	2.85E+00	2.28E-06	0.00E+00	1.73E+03	1.61E-04	1.91E-03	2.03E-02	3.16E-03	7.85E+00	4.01E-08	1.87E-07	1.62E+01	4.04E-01	4.16E-03	1.22E-01	3.33E-02	5.52E-01	1.04E+02	3.07E+00	2.89E-07	1.47E-07	7.45E-03	2.07E-04	9.97E-01	9.77E-01	1.05E+02	1.36E-03	1.06E+02	1.07E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NKN316	1.89E-02	2.48E+00	-2.40E-02	2.50E+00	1.93E-06	0.00E+00	1.85E+03	1.16E-04	1.57E-03	1.70E-02	2.95E-03	5.89E+00	3.73E-08	1.36E-07	1.27E+01	2.81E-01	4.00E-03	1.27E-01	2.86E-02	4.41E-01	1.00E+02	2.99E+00	2.63E-07	1.25E-07	6.43E-03	1.90E-04	7.24E-01	6.90E-01	1.03E+02	1.36E-03	1.03E+02	1.05E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NKN320	2.22E-02	2.75E+00	-2.32E-02	2.82E+00	2.21E-06	0.00E+00	1.69E+03	1.72E-04	1.88E-03	2.01E-02	2.99E-03	7.56E+00	3.14E-08	1.82E-07	1.59E+01	4.37E-01	4.05E-03	1.26E-01	3.29E-02	5.33E-01	1.02E+02	3.05E+00	3.03E-07	1.44E-07	7.32E-03	2.05E-04	9.58E-01	7.70E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NKN325	2.32E-02	2.47E+00	-1.98E-02	2.49E+00	2.03E-06	0.00E+00	1.65E+03	1.97E-04	1.77E-03	1.92E-02	2.97E-03	8.43E+00	2.91E-08	2.10E-07	1.74E+01	4.70E-01	4.02E-03	1.26E-01	3.56E-02	5.26E-01	1.02E+02	2.52E+00	3.15E-07	1.55E-07	7.36E-03	1.98E-04	1.03E+00	7.46E-01	1.05E+02	1.40E-03	1.05E+02	1.06E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NKN332	2.90E-02	2.44E+00	-4.96E-03	2.44E+00	2.15E-06	0.00E+00	1.03E+03	3.61E-04	1.76E-03	1.88E-02	3.12E-03	1.16E+01	2.63E-08	3.21E-07	2.54E+01	9.74E-01	4.24E-03	1.28E-01	4.28E-02	5.43E-01	1.00E+02	2.68E+00	3.34E-07	1.82E-07	7.86E-03	2.02E-04	1.20E+00	6.24E-01	1.04E+02	1.54E-03	1.03E+02	1.05E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NKN340	2.53E-02	2.44E+00	-4.00E-03	2.43E+00	2.13E-06	0.00E+00	1.02E+03	2.36E-04	1.88E-03	1.98E-02	3.17E-03	1.01E+01	2.67E-08	2.36E-07	2.07E+01	6.42E-01	4.29E-03	1.26E-01	3.82E-02	5.54E-01	9.79E+01	2.72E+00	3.28E-07	1.81E-07	8.36E-03	2.14E-04	1.04E+00	5.89E-01	1.01E+02	1.59E-03	1.01E+02	1.02E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NKN350	3.14E-02	2.43E+00	-1.51E-03	2.43E+00	2.16E-06	0.00E+00	1.02E+03	3.89E-04	1.75E-03	1.87E-02	3.15E-03	1.35E+01	2.59E-08	3.43E-07	3.12E+01	1.09E+00	4.26E-03	1.26E-01	4.56E-02	5.45E-01	9.47E+01	2.65E+00	3.67E-07	2.00E-07	8.05E-03	2.03E-04	1.30E+00	5.38E-01	9.85E+01	1.62E-03	9.80E+01	1.00E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
NKN363	3.14E-02	2.43E+00	-1.66E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.94E-04	1.75E-03	1.87E-02	3.15E-03	1.34E+01	2.65E-08	3.43E-07	3.19E+01	1.11E+00	4.26E-03	1.25E-01	4.52E-02	5.53E-01	9.47E+01	2.65E+00	4.59E-07	2.01E-07	8.10E-03	2.03E-04	1.29E+00	5.37E-01	9.85E+01	1.68E-03	9.80E+01	1.00E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NKN400	3.17E-02	3.43E+00	-2.94E-02	3.44E+00	2.51E-06	0.00E+00	2.24E+03	1.49E-04	2.51E-03	2.66E-02	4.00E-03	9.56E+00	4.18E-08	1.98E-07	1.75E+01	3.92E-01	5.56E-03	1.81E-01	4.85E-02	6.44E-01	1.23E+02	3.78E+00	4.67E-07	2.05E-07	9.90E-03	2.73E-04	1.12E+00	8.87E-01	1.26E+02	1.71E-03	1.25E+02	1.27E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NKN401	3.20E-02	3.45E+00	-2.84E-02	3.45E+00	2.50E-06	0.00E+00	2.06E+03	1.25E-04	2.51E-03	2.66E-02	3.99E-03	5.20E+00	4.15E-08	1.64E-07	8.22E+00	3.06E-01	5.56E-03	1.83E-01	4.85E-02	6.44E-01	1.23E+02	3.77E+00	4.59E-07	2.06E-07	9.89E-03	2.73E-04	1.08E+00	8.88E-01	1.26E+02	1.71E-03	1.25E+02	1.27E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NKN402	3.09E-02	2.48E+00	-3.42E-03	2.46E+00	2.15E-06	0.00E+00	1.04E+03	2.12E-04	2.24E-03	2.31E-02	3.89E-03	1.02E+01	3.38E-08	2.29E-07	1.89E+01	5.11E-01	5.41E-03	1.69E-01	4.17E-02	6.13E-01	1.26E+02	2.71E+00	4.09E-07	2.02E-07	9.78E-03	2.43E-04	1.10E+00	5.40E-01	1.31E+02	1.76E-03	1.30E+02	1.30E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NKN404	3.12E-02	2.48E+00	-3.41E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.15E-04	2.22E-03	2.29E-02	3.92E-03	1.06E+01	3.39E-08	2.36E-07	1.95E+01	5.36E-01	5.41E-03	1.69E-01	4.38E-02	6.13E-01	1.26E+02	2.70E+00	4.10E-07	2.04E-07	9.80E-03	2.44E-04	1.13E+00	5.40E-01	1.33E+02	1.74E-03	1.31E+02	1.31E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NKN406	2.95E-02	2.52E+00	-2.11E-02	2.51E+00	2.19E-06	0.00E+00	2.04E+03	1.23E-04	2.31E-03	2.43E-02	3.80E-03	5.51E+00	2.99E-08	1.57E-07	1.00E+01	3.08E-01	5.32E-03	1.68E-01	3.67E-02	5.96E-01	1.26E+02	2.41E+00	4.06E-07	1.90E-07	9.66E-03	2.40E-04	9.46E-01	6.59E-01	1.31E+02	1.69E-03	1.29E+02	1.29E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NKN410	2.83E-02	3.16E+00	-3.36E-02	3.23E+00	2.35E-06	0.00E+00	2.27E+03	1.69E-04	2.45E-03	2.60E-02	3.69E-03	9.79E+00	3.40E-08	2.06E-07	1.81E+01	4.24E-01	5.10E-03	1.72E-01	3.75E-02	6.01E-01	1.29E+02	3.69E+00	3.99E-07	1.89E-07	9.49E-03	2.33E-04	1.03E+00	8.88E-01	1.32E+02	1.75E-03	1.31E+02	1.31E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NKN413	3.00E-02	3.16E+00	-3.09E-02	3.27E+00	2.37E-06	0.00E+00	2.29E+03	1.93E-04	2.48E-03	2.68E-02	3.81E-03	1.02E+01	4.34E-08	2.27E-07	1.89E+01	4.56E-01	5.33E-03	1.68E-01	4.00E-02	6.06E-01	1.29E+02	3.72E+00	3.94E-07	1.98E-07	9.77E-03	2.44E-04	1.07E+00	9.18E-01	1.32E+02	1.82E-03	1.31E+02	1.32E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
NKN416	2.55E-02	3.36E+00	-1.98E-02	3.38E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.23E-03	2.42E-02	3.86E-03	7.85E+00	4.81E-08	1.84E-07	1.67E+01	3.76E-01	5.22E-03	1.69E-01	3.83E-02	6.27E-01	1.35E+02	3.91E+00	3.50E-07	1.70E-07	8.97E-03	2.64E-04	1.13E+00	7.73E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NKN420	3.06E-02	3.44E+00	-2.86E-02	3.49E+00	2.38E-06	0.00E+00	2.32E+03	2.19E-04	2.46E-03	2.67E-02	3.94E-03	1.07E+01	4.30E-08	2.35E-07	2.02E+01	5.43E-01	5.46E-03	1.70E-01	4.27E-02	6.30E-01	1.30E+02	3.74E+00	3.96E-07	2.00E-07	9.85E-03	2.67E-04	1.18E+00	9.18E-01	1.34E+02	1.76E-03	1.33E+02	1.35E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
NKN425	3.28E-02	3.50E+00	-1.98E-02	3.54E+00	2.39E-06	0.00E+00	2.29E+03	3.24E-04	2.52E-03	2.71E-02	3.92E-03	1.22E+01	3.55E-08	3.08E-07	2.32E+01	8.36E-01	5.39E-03	1.70E-01	4.57E-02	6.31E-01	1.29E+02	3.78E+00	4.06E-07	2.17E-07	9.86E-03	2.49E-04	1.30E+00	8.97E-01	1.33E+02	1.78E-03	1.32E+02	1.34E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NKN432	3.66E-02	3.57E+00	1.90E-03	3.56E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.57E-03	2.74E-02	4.30E-03	1.58E+01	4.79E-08	4.14E-07	3.42E+01	1.13E+00	5.82E-03	1.79E-01	5.72E-02	6.72E-01	1.30E+02	4.14E+00	4.02E-07	2.39E-07	1.07E-02	2.88E-04	1.62E+00	8.17E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NKN440	4.69E-02	3.43E+00	2.11E-02	3.41E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.56E-03	2.77E-02	4.35E-03	2.38E+01	5.12E-08	5.69E-07	5.15E+01	1.80E+00	5.89E-03	1.72E-01	6.96E-02	7.14E-01	1.10E+02	4.15E+00	4.47E-07	3.02E-07	1.13E-02	3.12E-04	2.08E+00	8.22E-01	1.15E+02	2.40E-03	1.15E+02	1.17E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NKN450	3.95E-02	2.49E+00	-2.82E-03	2.47E+00	2.34E-06	0.00E+00	1.55E+03	5.25E-04	2.41E-03	2.45E-02	4.18E-03	1.65E+01	2.70E-08	4.16E-07	3.77E+01	1.53E+00	5.63E-03	1.77E-01	5.82E-02	6.51E-01	1.13E+02	2.73E+00	5.13E-07	2.53E-07	1.11E-02	2.95E-04	1.44E+00	6.66E-01	1.19E+02	2.07E-03	1.18E+02	1.20E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NKN463	4.91E-02	3.55E+00	2.18E-02	3.52E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.74E-03	2.97E-02	4.41E-03	2.45E+01	5.41E-08	5.84E-07	5.30E+01	1.79E+00	5.97E-03	1.71E-01	7.17E-02	7.71E-01	1.12E+02	4.15E+00	4.52E-07	3.17E-07	1.19E-02	3.15E-04	2.18E+00	8.29E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NQN106	6.88E-03	9.04E-01	-1.04E-02	9.26E-01	9.69E-07	0.00E+00	6.10E+02	4.37E-05	6.02E-04	6.43E-03	9.77E-04	1.82E+00	1.93E-08	5.79E-08	3.92E+00	1.08E-01	1.35E-03	4.25E-02	1.03E-02	1.61E-01	3.49E+01	1.03E+00	8.71E-08	4.53E-08	2.37E-03	5.77E-05	3.71E-01	2.43E-01	3.62E+01	4.24E-04	3.62E+01	3.65E+01	7.71E-01	0.00E+00	0.00E+00	0.00E+00	4.43E-01
NQN110	8.44E-03	9.47E-01	-2.23E-02	9.33E-01	1.45E-06	0.00E+00	1.13E+03	6.90E-05	7.11E-04	7.50E-03	9.72E-04	2.14E+00	2.39E-08	6.08E-08	4.35E+00	1.88E-01	1.38E-03	5.12E-02	1.22E-02	1.99E-01	3.33E+01	1.24E+00	1.33E-07	5.82E-08	2.45E-03	6.10E-05	4.23E-01	4.41E-01	3.51E+01	3.32E-04	3.53E+01	3.56E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
NQN113	8.94E-03	1.12E+00	-3.65E-02	1.22E+00	1.20E-06	0.00E+00	1.03E+03	6.43E-05	7.44E-04	8.21E-03	1.13E-03	2.55E+00	4.07E-08	6.12E-08	5.04E+00	1.48E-01	1.55E-03	5.07E-02	1.20E-02	1.75E-01	4.50E+01	2.13E+00	1.12E-07	5.76E-08	2.67E-03	6.71E-05	4.84E-01	7.01E-01	4.55E+01	4.64E-04	4.56E+01	4.73E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
NQN116	9.39E-03	9.58E-01	-2.45E-02	9.43E-01	1.52E-06	0.00E+00	1.13E+03	7.22E-05	7.17E-04	7.67E-03	1.03E-03	2.47E+00	2.38E-08	6.28E-08	5.18E+00	1.92E-01	1.46E-03	5.22E-02	1.28E-02	2.00E-01	3.32E+01	1.25E+00	1.33E-07	5.95E-08	2.51E-03	6.20E-05	4.28E-01	5.20E-01	3.50E+01	3.34E-04	3.51E+01	3.59E+01	9.08E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
NQN120	9.15E-03	1.12E+00	-4.79E-02	1.22E+00	1.26E-06	0.00E+00	1.10E+03	7.49E-05	7.71E-04	8.55E-03	1.41E-03	2.70E+00	4.14E-08	6.23E-08	5.58E+00	2.13E-01	2.16E-03	5.16E-02	1.22E-02	1.78E-01	4.65E+01	2.17E+00	1.16E-07	5.94E-08	2.70E-03	6.82E-05	5.14E-01	8.31E-01	4.83E+01	5.10E-04	4.83E+01	4.93E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-01
NQN125	9.94E-03	9.04E-01	-5.74E-03	9.15E-01	1.01E-06	0.00E+00	6.15E+02	8.40E-05	6.43E-04	7.12E-03	1.06E-03	3.74E+00	1.97E-08	9.09E-08	6.75E+00	2.32E-01	1.46E-03	4.58E-02	1.47E-02	1.74E-01	3.15E+01	1.05E+00	1.01E-07	6.24E-08	2.65E-03	6.43E-05	5.35E-01	2.68E-01	3.28E+01	4.89E-04	3.28E+01	3.31E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	6.36E-01
NQN132	1.03E-02	9.16E-01	-5.42E-03	9.15E-01	1.03E-06	0.00E+00	5.82E+02	9.05E-05	6.89E-04	7.49E-03	1.09E-03	4.51E+00	1.97E-08	1.09E-07	7.82E+00	2.61E-01	1.50E-03	5.05E-02	1.54E-02	1.76E-01	3.05E+01	1.17E+00	1.17E-07	6.58E-08	2.81E-03	6.46E-05	5.68E-01	3.29E-01	3.15E+01	5.13E-04	3.17E+01	3.18E+01	9.76E-01	0.00E+00	0.00E+00	0.00E+00	6.69E-01
NQN140	1.06E-02	9.24E-01	-1.05E-02	9.31E-01	1.05E-06	0.00E+00	5.92E+02	9.17E-05	7.00E-04	7.65E-03	1.13E-03	4.81E+00	1.97E-08	1.10E-07	8.37E+00	2.78E-01	1.53E-03	5.03E-02	1.51E-02	1.81E-01	3.07E+01	1.19E+00	1.18E-07	6.85E-08	2.90E-03	6.59E-05	5.93E-01	4.07E-01	3.19E+01	5.20E-04	3.21E+01	3.25E+01	9.97E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
NQN150	1.07E-02	9.07E-01	-2.22E-03	9.06E-01	1.02E-06	0.00E+00	5.38E+02	1.33E-04	6.43E-04	7.01E-03	1.07E-03	5.23E+00	1.97E-08	1.19E-07	9.37E+00	3.62E-01	1.47E-03	4.35E-02	1.58E-02	1.69E-01	2.99E+01	1.07E+00	1.09E-07	6.68E-08	2.76E-03	6.64E-05	6.24E-01	2.26E-01	3.09E+01	5.46E-04	3.10E+01	3.19E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-01
NQN163	1.22E-02	9.08E-01	-1.86E-03	9.06E-01	1.03E-06	0.00E+00	5.36E+02	1.51E-04	6.44E-04	7.03E-03	1.08E-03	6.44E+00	1.98E-08	1.48E-07	1.36E+01	4.24E-01	1.48E-03	4.35E-02	1.69E-02	1.74E-01	2.97E+01	1.07E+00	1.09E-07	7.93E-08	2.80E-03	6.70E-05	6.49E-01	2.26E-01	3.08E+01	5.52E-04	3.09E+01	3.17E+01	9.92E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01
NQN206	1.98E-02	1.88E+00	-1.02E-02	1.86E+00	1.46E-06	0.00E+00	1.19E+03	6.47E-05	1.27E-03	1.34E-02	1.74E-03	2.51E+00	2.00E-08	7.17E-08	5.02E+00	1.71E-01	2.48E-03	9.30E-02	2.47E-02	3.61E-01	6.40E+01	1.56E+00	3.16E-07	1.24E-07	5.98E-03	1.39E-04	6.40E-01	3.90E-01	6.69E+01	9.24E-04	6.62E+01	6.75E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NQN210	1.73E-02	1.84E+00	-3.48E-02	1.89E+00	1.87E-06	0.00E+00	1.53E+03	8.91E-05	1.52E-03	1.66E-02	1.73E-03	4.39E+00	2.94E-08	1.26E-07	6.35E+00	2.30E-01	2.73E-03	1.08E-01	2.65E-02	3.39E-01	6.19E+01	2.20E+00	3.22E-07	1.16E-07	5.67E-03	1.28E-04	8.42E-01	7.10E-01	6.57E+01	3.66E-04	6.55E+01	6.70E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
NQN213	2.12E-02	2.17E+00	-5.11E-02	2.24E+00	1.94E-06	0.00E+00	1.50E+03	1.17E-04	1.64E-03	1.73E-02	2.31E-03	5.04E+00	4.08E-08	1.36E-07	6.62E+00	2.95E-01	3.28E-03	1.09E-01	2.96E-02	3.87E-01	7.53E+01	2.93E+00	2.94E-07	1.34E-07	5.97E-03	1.60E-04	8.93E-01	1.24E+00	7.93E+01	9.32E-04	7.96E+01	8.15E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NQN216	2.15E-02	1.85E+00	-6.46E-03	1.84E+00	1.52E-06	0.00E+00	1.15E+03	1.20E-04	1.27E-03	1.34E-02	1.83E-03	4.34E+00	2.12E-08	1.28E-07	5.98E+00	3.06E-01	2.70E-03	9.39E-02	3.03E-02	3.68E-01	6.32E+01	1.54E+00	3.21E-07	1.34E-07	5.92E-03	1.41E-04	8.93E-01	3.91E-01	6.63E+01	9.35E-04	6.56E+01	6.71E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NQN220	2.17E-02	1.85E+00	-4.83E-03	1.84E+00	1.51E-06	0.00E+00	1.12E+03	1.39E-04	1.26E-03	1.33E-02	1.90E-03	5.15E+00	2.14E-08	1.43E-07	8.19E+00	4.16E-01	2.80E-03	9.52E-02	3.06E-02	3.69E-01	6.19E+01	1.53E+00	3.15E-07	1.37E-07	5.91E-03	1.42E-04	9.09E-01	3.93E-01	6.49E+01	9.41E-04	6.43E+01	6.62E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NQN225	2.24E-02	1.83E+00	-2.43E-03	1.85E+00	1.52E-06	0.00E+00	1.03E+03	2.10E-04	1.28E-03	1.32E-02	1.94E-03	7.80E+00	2.04E-08	2.11E-07	1.68E+01	5.38E-01	2.74E-03	9.47E-02	3.29E-02	3.72E-01	6.25E+01	1.41E+00	3.23E-07	1.43E-07	5.94E-03	1.44E-04	9.49E-01	2.74E-01	6.51E+01	9.68E-04	6.47E+01	6.64E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NQN232	2.25E-02	1.83E+00	-2.44E-03	1.84E+00	1.52E-06	0.00E+00	1.02E+03	2.17E-04	1.27E-03	1.31E-02	1.97E-03	8.47E+00	2.07E-08	2.18E-07	1.84E+01	5.57E-01	2.75E-03	9.57E-02	3.12E-02	3.68E-01	6.18E+01	1.40E+00	3.17E-07	1.43E-07	5.92E-03	1.44E-04	9.62E-01	2.74E-01	6.43E+01	9.94E-04	6.39E+01	6.57E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NQN240	2.22E-02	1.85E+00	-4.23E-03	1.85E+00	1.71E-06	0.00E+00	1.09E+03	2.15E-04	1.28E-03	1.35E-02	2.02E-03	8.48E+00	2.17E-08	2.17E-07	1.84E+01	5.70E-01	2.83E-03	9.55E-02	3.10E-02	3.72E-01	6.16E+01	1.52E+00	3.14E-07	1.39E-07	5.92E-03	1.43E-04	9.58E-01	3.92E-01	6.44E+01	9.35E-04	6.39E+01	6.57E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NQN250	2.29E-02	1.88E+00	-8.15E-03	1.89E+00	1.70E-06	0.00E+00	1.02E+03	2.47E-04	1.29E-03	1.36E-02	2.13E-03	9.30E+00	2.20E-08	2.37E-07	1.91E+01	6.65E-01	2.94E-03	9.61E-02	3.12E-02	3.93E-01	6.11E+01	1.61E+00	3.38E-07	1.47E-07	5.97E-03	1.46E-04	1.00E+00	5.04E-01	6.35E+01	1.07E-03	6.34E+01	6.57E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NQN263	2.60E-02	1.93E+00	-7.58E-03	1.94E+00	1.78E-06	0.00E+00	1.14E+03	3.53E-04	1.55E-03	1.65E-02	2.16E-03	1.26E+01	2.72E-08	3.18E-07	2.67E+01	9.80E-01	2.99E-03	9.62E-02	3.58E-02	4.01E-01	6.14E+01	2.21E+00	3.72E-07	1.64E-07	6.01E-03	1.47E-04	1.19E+00	5.29E-01	6.32E+01	1.03E-03	6.30E+01	6.52E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NQN306	2.03E-02	2.79E+00	-3.64E-02	2.86E+00	2.09E-06	0.00E+00	1.74E+03	1.01E-04	1.83E-03	1.93E-02	2.66E-03	5.58E+00	4.41E-08	1.53E-07	8.41E+00	2.47E-01	3.84E-03	1.29E-01	2.64E-02	4.54E-01	1.01E+02	3.11E+00	3.12E-07	1.35E-07	7.11E-03	1.87E-04	8.51E-01	9.13E-01	1.03E+02	4.61E-04	1.04E+02	1.05E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NQN310	2.12E-02	2.42E+00	-2.10E-02	2.42E+00	1.84E-06	0.00E+00	1.60E+03	1.89E-04	1.70E-03	1.81E-02	2.92E-03	7.55E+00	2.32E-08	1.84E-07	1.51E+01	5.23E-01	3.97E-03	1.22E-01	3.12E-02	5.17E-01	1.01E+02	2.87E+00	3.00E-07	1.39E-07	7.21E-03	1.89E-04	9.58E-01	6.49E-01	1.04E+02	1.33E-03	1.04E+02	1.05E+02	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
NQN313	2.27E-02	2.74E+00	-3.46E-02	2.81E+00	2.28E-06	0.00E+00	1.78E+03	1.81E-04	1.87E-03	2.00E-02	3.08E-03	8.02E+00	3.07E-08	1.89E-07	1.60E+01	4.94E-01	4.16E-03	1.25E-01	3.33E-02	5.37E-01	1.04E+02	3.08E+00	2.85E-07	1.45E-07	7.39E-03	2.05E-04	9.48E-01	8.16E-01	1.06E+02	1.34E-03	1.06E+02	1.07E+02	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NQN316	2.19E-02	2.42E+00	-3.85E-03	2.42E+00	1.84E-06	0.00E+00	1.03E+03	1.74E-04	1.66E-03	1.75E-02	2.89E-03	7.17E+00	2.25E-08	1.80E-07	1.53E+01	4.42E-01	3.93E-03	1.21E-01	3.12E-02	4.86E-01	1.01E+02	2.80E+00	3.01E-07	1.44E-07	7.13E-03	1.86E-04	9.72E-01	5.33E-01	1.03E+02	1.36E-03	1.03E+02	1.04E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NQN320	2.32E-02	2.81E+00	-3.55E-02	2.89E+00	2.37E-06	0.00E+00	1.79E+03	1.36E-04	1.88E-03	2.00E-02	2.89E-03	6.51E+00	4.42E-08	1.64E-07	1.07E+01	3.48E-01	4.17E-03	1.30E-01	3.28E-02	5.29E-01	1.02E+02	3.15E+00	3.22E-07	1.49E-07	7.40E-03	2.04E-04	9.12E-01	9.13E-01	1.04E+02	4.70E-04	1.04E+02	1.06E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NQN325	2.40E-02	2.43E+00	-2.63E-03	2.42E+00	2.09E-06	0.00E+00	1.03E+03	2.09E-04	1.71E-03	1.80E-02	3.00E-03	9.37E+00	2.28E-08	2.18E-07	1.93E+01	5.34E-01	4.06E-03	1.23E-01	3.66E-02	5.34E-01	9.99E+01	2.68E+00	3.15E-07	1.60E-07	7.48E-03	2.00E-04	1.05E+00	5.34E-01	1.03E+02	1.45E-03	1.03E+02	1.03E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
NQN340	2.54E-02	2.44E+00	-1.17E-02	2.45E+00	2.16E-06	0.00E+00	1.47E+03	2.35E-04	1.95E-03	2.09E-02	3.17E-03	1.01E+01	3.07E-08	2.36E-07	2.08E+01	6.48E-01	4.30E-03	1.27E-01	3.82E-02	5.57E-01	9.75E+01	2.78E+00	3.26E-07	1.81E-07	8.35E-03	2.14E-04	1.04E+00	6.57E-01	1.01E+02	1.60E-03	1.01E+02	1.01E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NQN350	3.13E-02	2.43E+00	-1.51E-03	2.43E+00	2.09E-06	0.00E+00	1.02E+03	3.89E-04	1.75E-03	1.86E-02	3.12E-03	1.34E+01	2.36E-08	3.43E-07	3.11E+01	1.09E+00	4.23E-03	1.26E-01	4.54E-02	5.46E-01	9.47E+01	2.65E+00	3.66E-07	1.99E-07	8.04E-03	2.03E-04	1.30E+00	5.38E-01	9.85E+01	1.62E-03	9.80E+01	1.00E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00
NQN363	3.17E-02	2.44E+00	-1.45E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.96E-04	1.87E-03	1.97E-02	3.16E-03	1.46E+01	2.59E-08	3.44E-07	3.25E+01	1.12E+00	4.29E-03	1.25E-01	4.58E-02	5.52E-01	9.47E+01	2.65E+00	4.56E-07	2.04E-07	8.62E-03	2.12E-04	1.32E+00	5.38E-01	9.85E+01	1.65E-03	9.80E+01	1.00E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
NQN406	2.77E-02	2.47E+00	-3.90E-03	2.44E+00	2.14E-06	0.00E+00	1.14E+03	1.53E-04	2.18E-03	2.22E-02	3.66E-03	5.82E+00	2.50E-08	1.62E-07	1.11E+01	4.10E-01	4.98E-03	1.71E-01	3.63E-02	5.96E-01	1.27E+02	2.70E+00	4.05E-07	1.87E-07	9.26E-03	2.21E-04	9.40E-01	5.39E-01	1.32E+02	1.68E-03	1.30E+02	1.29E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NQN410	3.00E-02	3.41E+00	-3.18E-02	3.43E+00	2.36E-06	0.00E+00	2.30E+03	1.94E-04	2.48E-03	2.63E-02	3.92E-03	1.01E+01	4.25E-08	2.13E-07	1.82E+01	5.14E-01	5.46E-03	1.70E-01	3.96E-02	6.25E-01	1.29E+02	3.72E+00	3.95E-07	1.95E-07	9.77E-03	2.65E-04	1.11E+00	9.18E-01	1.32E+02	1.80E-03	1.31E+02	1.33E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
NQN413	3.22E-02	3.42E+00	-2.76E-02	3.47E+00	2.54E-06	0.00E+00	2.30E+03	2.15E-04	2.48E-03	2.68E-02	3.99E-03	1.04E+01	4.35E-08	2.32E-07	1.92E+01	5.35E-01	5.56E-03	1.83E-01	5.03E-02	6.49E-01	1.24E+02	3.80E+00	4.53E-07	2.08E-07	9.92E-03	2.73E-04	1.16E+00	9.30E-01	1.26E+02	1.84E-03	1.25E+02	1.27E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NQN416	3.06E-02	2.49E+00	-1.66E-02	2.47E+00	2.19E-06	0.00E+00	1.75E+03	2.06E-04	2.21E-03	2.30E-02	3.90E-03	1.06E+01	2.64E-08	2.28E-07	1.96E+01	5.22E-01	5.40E-03	1.69E-01	4.14E-02	6.00E-01	1.27E+02	2.75E+00	3.96E-07	2.00E-07	9.76E-03	2.43E-04	1.08E+00	6.57E-01	1.33E+02	1.74E-03	1.31E+02	1.31E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NQN420	3.11E-02	2.49E+00	-1.19E-02	2.47E+00	2.20E-06	0.00E+00	2.04E+03	2.35E-04	2.34E-03	2.47E-02	3.99E-03	1.12E+01	2.82E-08	2.37E-07	2.08E+01	6.45E-01	5.53E-03	1.72E-01	4.37E-02	6.43E-01	1.26E+02	2.80E+00	4.04E-07	2.06E-07	1.00E-02	2.76E-04	1.14E+00	6.57E-01	1.30E+02	1.76E-03	1.30E+02	1.30E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NQN425	3.35E-02	2.53E+00	-6.68E-03	2.53E+00	2.25E-06	0.00E+00	2.00E+03	3.58E-04	2.38E-03	2.50E-02	4.00E-03	1.39E+01	3.10E-08	3.35E-07	2.91E+01	9.62E-01	5.52E-03	1.72E-01	4.80E-02	6.47E-01	1.25E+02	2.38E+00	4.13E-07	2.24E-07	9.99E-03	2.77E-04	1.34E+00	6.60E-01	1.30E+02	1.79E-03	1.29E+02	1.30E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00
NQN432	3.89E-02	2.49E+00	-1.71E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.02E-04	2.40E-03	2.44E-02	4.10E-03	1.63E+01	2.73E-08	4.13E-07	3.61E+01	1.43E+00	5.54E-03	1.77E-01	5.78E-02	6.46E-01	1.13E+02	2.67E+00	4.98E-07	2.51E-07	1.11E-02	2.94E-04	1.41E+00	5.68E-01	1.19E+02	2.07E-03	1.18E+02	1.20E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NQN440	3.89E-02	2.53E+00	-2.75E-03	2.54E+00	2.54E-06	0.00E+00	1.70E+03	5.05E-04	2.50E-03	2.62E-02	4.18E-03	1.63E+01	3.26E-08	4.13E-07	3.60E+01	1.42E+00	5.63E-03	1.78E-01	5.82E-02	6.46E-01	1.14E+02	2.39E+00	4.65E-07	2.50E-07	1.11E-02	2.94E-04	1.39E+00	7.70E-01	1.20E+02	2.07E-03	1.19E+02	1.21E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NQN450	3.92E-02	2.49E+00	-8.61E-04	2.46E+00	2.32E-06	0.00E+00	1.03E+03	5.23E-04	2.39E-03	2.42E-02	4.11E-03	1.65E+01	2.60E-08	4.14E-07	3.70E+01	1.53E+00	5.55E-03	1.77E-01	5.77E-02	6.50E-01	1.13E+02	2.67E+00	4.98E-07	2.53E-07	1.11E-02	2.92E-04	1.43E+00	5.49E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NQN463	3.96E-02	2.49E+00	-2.64E-03	2.47E+00	2.35E-06	0.00E+00	1.03E+03	5.65E-04	2.41E-03	2.45E-02	4.16E-03	1.65E+01	2.71E-08	4.16E-07	3.77E+01	1.61E+00	5.63E-03	1.77E-01	5.82E-02	6.51E-01	1.11E+02	2.71E+00	5.22E-07	2.53E-07	1.11E-02	2.95E-04	1.46E+00	6.66E-01	1.16E+02	2.15E-03	1.16E+02	1.18E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+00
NRN100	9.17E-03	9.95E-01	-8.22E-03	1.05E+00	9.56E-07	0.00E+00	6.38E+02	4.97E-05	6.45E-04	6.93E-03	1.07E-03	2.45E+00	2.90E-08	8.02E-08	5.23E+00	1.24E-01	1.46E-03	4.87E-02	1.39E-02	2.51E-01	3.52E+01	1.26E+00	1.10E-07	6.09E-08	2.65E-03	1.22E-04	5.10E-01	2.73E-01	3.59E+01	3.14E-04	3.60E+01	3.63E+01	8.84E-01	0.00E+00	0.00E+00	0.00E+00	5.72E-01
NRN101	8.17E-03	1.00E+00	-7.83E-03	1.05E+00	9.35E-07	0.00E+00	6.27E+02	4.86E-05	6.39E-04	6.38E-03	9.89E-04	1.93E+00	2.77E-08	8.07E-08	4.45E+00	1.36E-01	1.37E-03	4.30E-02	1.31E-02	2.61E-01	3.52E+01	1.16E+00	9.99E-08	5.75E-08	2.56E-03	1.17E-04	5.18E-01	2.23E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	5.34E-01
NRN102	8.87E-03	1.00E+00	-7.84E-03	1.05E+00	9.57E-07	0.00E+00	6.30E+02	5.22E-05	6.42E-04	6.46E-03	9.98E-04	2.44E+00	2.76E-08	7.97E-08	5.20E+00	1.44E-01	1.38E-03	4.33E-02	1.35E-02	2.71E-01	3.51E+01	1.18E+00	9.95E-08	5.88E-08	2.58E-03	1.20E-04	5.24E-01	2.25E-01	3.64E+01	3.53E-04	3.64E+01	3.70E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01
NRN103	8.32E-03	9.96E-01	-7.89E-03	1.05E+00	9.57E-07	0.00E+00	6.11E+02	4.73E-05	6.38E-04	6.43E-03	9.88E-04	2.03E+00	2.72E-08	7.94E-08	4.39E+00	1.31E-01	1.37E-03	4.30E-02	1.31E-02	2.64E-01	3.52E+01	1.17E+00	9.81E-08	5.73E-08	2.57E-03	1.17E-04	5.22E-01	2.23E-01	3.64E+01	3.46E-04	3.64E+01	3.69E+01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	5.39E-01

NRN104	9.14E-03	9.99E-01	-7.92E-03	1.04E+00	9.52E-07	0.00E+00	6.31E+02	5.41E-05	6.43E-04	6.61E-03	1.04E-03	2.47E+00	2.75E-08	7.97E-08	5.20E+00	1.43E-01	1.42E-03	4.33E-02	1.37E-02	2.71E-01	3.48E+01	1.18E+00	9.95E-08	5.96E-08	2.57E-03	1.21E-04	5.50E-01	2.36E-01	3.57E+01	3.53E-04	3.57E+01	3.66E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-01
NRN106	6.90E-03	9.10E-01	-1.09E-02	9.36E-01	9.68E-07	0.00E+00	5.90E+02	4.22E-05	6.23E-04	6.56E-03	9.89E-04	1.78E+00	1.94E-08	5.87E-08	3.82E+00	1.00E-01	1.37E-03	4.49E-02	1.03E-02	1.75E-01	3.51E+01	1.04E+00	8.70E-08	4.60E-08	2.43E-03	5.83E-05	3.71E-01	2.66E-01	3.65E+01	4.21E-04	3.65E+01	3.70E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-01
NRN110	6.98E-03	8.86E-01	-1.02E-02	8.93E-01	9.60E-07	0.00E+00	6.33E+02	4.62E-05	5.97E-04	6.16E-03	9.77E-04	1.88E+00	1.79E-08	5.80E-08	3.95E+00	1.23E-01	1.35E-03	4.25E-02	1.03E-02	1.62E-01	3.46E+01	1.02E+00	8.72E-08	4.56E-08	2.37E-03	5.77E-05	3.86E-01	2.32E-01	3.61E+01	4.47E-04	3.61E+01	3.65E+01	7.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-01
NRN116	8.65E-03	9.52E-01	-2.19E-02	9.33E-01	1.44E-06	0.00E+00	1.14E+03	7.01E-05	7.16E-04	7.56E-03	9.98E-04	2.22E+00	2.26E-08	6.18E-08	4.42E+00	1.87E-01	1.38E-03	5.11E-02	1.23E-02	1.99E-01	3.32E+01	1.24E+00	1.33E-07	5.84E-08	2.46E-03	6.14E-05	4.34E-01	4.26E-01	3.49E+01	3.32E-04	3.52E+01	3.56E+01	8.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-01
NRN120	8.62E-03	8.97E-01	-8.53E-03	9.08E-01	1.00E-06	0.00E+00	6.26E+02	7.54E-05	6.27E-04	6.85E-03	1.06E-03	2.68E+00	1.96E-08	6.13E-08	5.61E+00	2.17E-01	1.45E-03	4.56E-02	1.17E-02	1.74E-01	3.23E+01	1.03E+00	9.89E-08	5.24E-08	2.54E-03	6.11E-05	3.89E-01	2.69E-01	3.33E+01	4.91E-04	3.34E+01	3.42E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-01
NRN125	9.94E-03	9.02E-01	-5.62E-03	9.14E-01	1.01E-06	0.00E+00	6.00E+02	8.35E-05	6.60E-04	7.22E-03	1.08E-03	3.73E+00	1.97E-08	9.06E-08	6.76E+00	2.30E-01	1.48E-03	4.58E-02	1.47E-02	1.73E-01	3.14E+01	1.05E+00	1.01E-07	6.28E-08	2.70E-03	6.42E-05	5.31E-01	2.68E-01	3.27E+01	4.90E-04	3.27E+01	3.30E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-01
NRN132	1.02E-02	9.06E-01	-4.62E-03	9.13E-01	1.02E-06	0.00E+00	5.40E+02	1.03E-04	6.76E-04	7.27E-03	1.08E-03	4.53E+00	1.96E-08	1.09E-07	8.10E+00	2.93E-01	1.48E-03	4.61E-02	1.54E-02	1.74E-01	3.11E+01	1.05E+00	1.03E-07	6.56E-08	2.78E-03	6.47E-05	5.68E-01	2.70E-01	3.22E+01	5.07E-04	3.22E+01	3.28E+01	9.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
NRN140	1.07E-02	9.06E-01	-3.38E-03	9.04E-01	1.01E-06	0.00E+00	5.35E+02	1.15E-04	6.42E-04	7.00E-03	1.08E-03	5.29E+00	1.83E-08	1.25E-07	9.94E+00	3.43E-01	1.48E-03	4.36E-02	1.56E-02	1.68E-01	3.08E+01	1.06E+00	1.03E-07	6.75E-08	2.76E-03	6.56E-05	6.11E-01	2.36E-01	3.20E+01	5.33E-04	3.21E+01	3.23E+01	9.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-01
NRN150	1.05E-02	9.18E-01	-4.28E-03	9.15E-01	1.04E-06	0.00E+00	5.91E+02	1.05E-04	6.90E-04	7.56E-03	1.10E-03	4.86E+00	2.07E-08	1.11E-07	7.88E+00	3.15E-01	1.51E-03	5.03E-02	1.56E-02	1.79E-01	2.93E+01	1.16E+00	1.21E-07	6.72E-08	2.90E-03	6.65E-05	6.19E-01	3.29E-01	3.04E+01	5.37E-04	3.05E+01	3.12E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-01
NRN163	1.21E-02	9.09E-01	-2.55E-03	9.18E-01	1.05E-06	0.00E+00	5.51E+02	1.40E-04	6.99E-04	7.61E-03	1.10E-03	6.44E+00	2.07E-08	1.46E-07	1.35E+01	4.10E-01	1.51E-03	4.55E-02	1.67E-02	1.86E-01	2.91E+01	1.06E+00	1.12E-07	7.90E-08	2.95E-03	6.77E-05	6.45E-01	2.69E-01	3.02E+01	5.44E-04	3.02E+01	3.11E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-01
NRN200	2.16E-02	2.27E+00	-5.05E-02	2.32E+00	1.88E-06	0.00E+00	1.38E+03	6.55E-05	1.69E-03	1.76E-02	2.42E-03	2.61E+00	4.69E-08	1.04E-07	5.50E+00	1.82E-01	3.33E-03	1.11E-01	3.38E-02	4.00E-01	7.81E+01	2.93E+00	2.95E-07	1.36E-07	6.22E-03	1.64E-04	8.76E-01	1.25E+00	8.25E+01	8.88E-04	8.29E+01	8.47E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NRN201	2.17E-02	1.92E+00	-7.99E-03	1.89E+00	1.42E-06	0.00E+00	1.16E+03	7.23E-05	1.26E-03	1.31E-02	1.83E-03	2.65E+00	2.80E-08	1.01E-07	5.66E+00	2.20E-01	2.69E-03	9.29E-02	3.17E-02	3.81E-01	6.46E+01	1.48E+00	3.37E-07	1.36E-07	6.12E-03	1.41E-04	7.54E-01	2.75E-01	6.72E+01	8.88E-04	6.65E+01	6.79E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NRN202	2.19E-02	1.99E+00	-1.88E-02	1.95E+00	1.50E-06	0.00E+00	1.16E+03	1.22E-04	1.58E-03	1.67E-02	1.95E-03	4.39E+00	3.39E-08	1.41E-07	6.64E+00	3.05E-01	2.84E-03	9.43E-02	3.43E-02	3.88E-01	6.39E+01	2.06E+00	3.18E-07	1.38E-07	6.19E-03	1.41E-04	9.30E-01	5.05E-01	6.66E+01	8.66E-04	6.63E+01	6.77E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NRN203	2.16E-02	2.27E+00	-5.08E-02	2.32E+00	1.92E-06	0.00E+00	1.38E+03	1.14E-04	1.68E-03	1.76E-02	2.42E-03	5.07E+00	4.79E-08	1.43E-07	6.96E+00	2.68E-01	3.33E-03	1.11E-01	3.40E-02	4.01E-01	7.81E+01	2.93E+00	2.97E-07	1.36E-07	6.24E-03	1.64E-04	9.31E-01	1.25E+00	8.23E+01	8.92E-04	8.29E+01	8.47E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NRN204	2.18E-02	1.91E+00	-3.36E-03	1.89E+00	1.48E-06	0.00E+00	1.15E+03	1.58E-04	1.26E-03	1.31E-02	1.83E-03	5.01E+00	2.94E-08	1.46E-07	9.82E+00	4.09E-01	2.70E-03	9.35E-02	3.50E-02	3.83E-01	6.44E+01	1.47E+00	3.27E-07	1.36E-07	6.16E-03	1.41E-04	9.19E-01	2.75E-01	6.69E+01	8.98E-04	6.63E+01	6.76E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NRN206	2.12E-02	1.94E+00	-1.92E-02	1.93E+00	1.50E-06	0.00E+00	1.16E+03	5.96E-05	1.58E-03	1.67E-02	1.89E-03	2.42E+00	2.45E-08	8.33E-08	4.98E+00	1.53E-01	2.74E-03	9.26E-02	2.98E-02	3.77E-01	6.39E+01	2.05E+00	3.17E-07	1.34E-07	6.10E-03	1.41E-04	6.97E-01	5.02E-01	6.70E+01	9.07E-04	6.65E+01	6.82E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NRN210	2.12E-02	1.90E+00	-1.91E-02	1.91E+00	1.49E-06	0.00E+00	1.19E+03	1.14E-04	1.28E-03	1.36E-02	1.88E-03	4.12E+00	2.15E-08	1.27E-07	5.92E+00	2.78E-01	2.74E-03	9.34E-02	2.99E-02	3.71E-01	6.36E+01	1.78E+00	3.19E-07	1.35E-07	5.91E-03	1.41E-04	8.78E-01	5.01E-01	6.66E+01	9.20E-04	6.62E+01	6.78E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NRN216	2.15E-02	1.85E+00	-6.45E-03	1.84E+00	1.52E-06	0.00E+00	1.15E+03	1.27E-04	1.27E-03	1.34E-02	1.83E-03	4.39E+00	2.11E-08	1.29E-07	6.03E+00	3.52E-01	2.70E-03	9.39E-02	3.03E-02	3.68E-01	6.32E+01	1.54E+00	3.22E-07	1.34E-07	5.92E-03	1.41E-04	8.95E-01	3.92E-01	6.63E+01	9.26E-04	6.56E+01	6.71E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NRN220	2.17E-02	1.85E+00	-4.83E-03	1.84E+00	1.51E-06	0.00E+00	1.12E+03	1.39E-04	1.26E-03	1.33E-02	1.90E-03	5.15E+00	2.14E-08	1.43E-07	8.19E+00	4.16E-01	2.80E-03	9.52E-02	3.06E-02	3.69E-01	6.19E+01	1.53E+00	3.15E-07	1.37E-07	5.91E-03	1.42E-04	9.09E-01	3.93E-01	6.49E+01	9.41E-04	6.43E+01	6.62E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NRN225	2.24E-02	1.85E+00	-4.53E-03	1.85E+00	1.53E-06	0.00E+00	1.03E+03	2.11E-04	1.28E-03	1.34E-02	1.97E-03	7.85E+00	2.17E-08	2.11E-07	1.69E+01	5.54E-01	2.75E-03	9.57E-02	3.14E-02	3.71E-01	6.18E+01	1.51E+00	3.16E-07	1.43E-07	5.93E-03	1.44E-04	9.56E-01	3.91E-01	6.43E+01	9.58E-04	6.39E+01	6.57E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NRN232	2.24E-02	1.85E+00	-4.66E-03	1.85E+00	1.74E-06	0.00E+00	1.02E+03	2.40E-04	1.28E-03	1.35E-02	2.02E-03	9.08E+00	2.19E-08	2.24E-07	1.86E+01	6.68E-01	2.83E-03	9.59E-02	3.12E-02	3.72E-01	6.18E+01	1.51E+00	3.18E-07	1.44E-07	5.92E-03	1.44E-04	9.73E-01	3.93E-01	6.43E+01	9.71E-04	6.38E+01	6.57E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NRN240	2.22E-02	1.91E+00	-9.05E-03	1.91E+00	1.72E-06	0.00E+00	1.19E+03	2.37E-04	1.28E-03	1.35E-02	2.11E-03	9.39E+00	2.17E-08	2.29E-07	1.89E+01	6.72E-01	2.90E-03	9.54E-02	3.11E-02	3.80E-01	6.10E+01	1.80E+00	3.14E-07	1.38E-07	5.95E-03	1.44E-04	9.60E-01	5.06E-01	6.36E+01	9.48E-04	6.34E+01	6.58E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NRN250	2.28E-02	1.86E+00	-4.18E-03	1.86E+00	1.69E-06	0.00E+00	1.01E+03	2.47E-04	1.29E-03	1.36E-02	2.03E-03	9.42E+00	2.20E-08	2.38E-07	1.91E+01	6.68E-01	2.84E-03	9.60E-02	3.12E-02	3.88E-01	6.16E+01	1.55E+00	3.38E-07	1.48E-07	5.97E-03	1.45E-04	1.00E+00	3.93E-01	6.36E+01	1.07E-03	6.31E+01	6.52E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NRN263	2.60E-02	1.86E+00	-3.68E-03	1.86E+00	1.70E-06	0.00E+00	1.01E+03	3.52E-04	1.29E-03	1.35E-02	2.06E-03	1.26E+01	2.24E-08	3.18E-07	2.68E+01	9.79E-01	2.89E-03	9.59E-02	3.57E-02	3.96E-01	6.12E+01	1.55E+00	3.67E-07	1.64E-07	5.97E-03	1.46E-04	1.19E+00	3.93E-01	6.35E+01	1.06E-03	6.30E+01	6.50E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NRN300	2.45E-02	2.43E+00	-4.13E-03	2.42E+00	1.98E-06	0.00E+00	1.13E+03	1.40E-04	1.70E-03	1.83E-02	2.98E-03	5.14E+00	3.11E-08	1.65E-07	9.07E+00	3.50E-01	4.05E-03	1.21E-01	3.46E-02	5.55E-01	1.00E+02	2.79E+00	3.08E-07	1.57E-07	8.06E-03	2.00E-04	1.01E+00	5.33E-01	1.03E+02	1.32E-03	1.02E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NRN301	2.52E-02	2.48E+00	-2.18E-02	2.49E+00	2.15E-06	0.00E+00	1.77E+03	9.14E-05	1.79E-03	1.95E-02	3.10E-03	3.94E+00	3.65E-08	1.45E-07	7.39E+00	2.03E-01	4.19E-03	1.25E-01	3.58E-02	5.55E-01	1.00E+02	2.41E+00	3.14E-07	1.62E-07	8.17E-03	1.99E-04	9.30E-01	6.82E-01	1.04E+02	1.32E-03	1.04E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NRN302	2.45E-02	2.43E+00	-3.73E-03	2.42E+00	1.98E-06	0.00E+00	1.13E+03	1.79E-04	1.70E-03	1.83E-02	2.98E-03	7.25E+00	3.13E-08	1.87E-07	1.55E+01	4.55E-01	4.05E-03	1.22E-01	3.46E-02	5.55E-01	1.00E+02	2.78E+00	3.11E-07	1.57E-07	8.07E-03	2.00E-04	1.05E+00	5.33E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NRN303	2.51E-02	2.48E+00	-2.14E-02	2.49E+00	2.17E-06	0.00E+00	1.53E+03	1.68E-04	1.80E-03	1.96E-02	3.07E-03	7.62E+00	3.74E-08	1.89E-07	1.61E+01	4.19E-01	4.16E-03	1.24E-01	3.53E-02	5.56E-01	1.00E+02	2.41E+00	3.13E-07	1.58E-07	8.11E-03	2.02E-04	1.06E+00	6.81E-01	1.04E+02	1.32E-03	1.04E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NRN304	2.44E-02	2.43E+00	-3.80E-03	2.43E+00	1.86E-06	0.00E+00	1.03E+03	1.74E-04	1.69E-03	1.83E-02	2.94E-03	7.09E+00	3.17E-08	1.83E-07	1.52E+01	4.40E-01	3.99E-03	1.22E-01	3.49E-02	5.51E-01	9.96E+01	2.81E+00	3.06E-07	1.56E-07	8.00E-03	1.96E-04	1.06E+00	5.33E-01	1.02E+02	1.35E-03	1.02E+02	1.04E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NRN306	2.12E-02	2.42E+00	-7.52E-03	2.42E+00	1.75E-06	0.00E+00	1.14E+03	1.15E-04	1.67E-03	1.77E-02	2.84E-03	4.61E+00	2.34E-08	1.57E-07	7.17E+00	2.93E-01	3.84E-03	1.20E-01	3.00E-02	4.71E-01	1.01E+02	2.85E+00	2.98E-07	1.38E-07	7.12E-03	1.83E-04	9.32E-01	6.17E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NRN310	2.14E-02	2.42E+00	-5.58E-03	2.41E+00	1.79E-06	0.00E+00	1.13E+03	1.74E-04	1.67E-03	1.76E-02	2.84E-03	7.03E+00	2.32E-08	1.80E-07	1.51E+01	4.47E-01	3.84E-03	1.21E-01	3.02E-02	4.72E-01	1.00E+02	2.81E+00	3.00E-07	1.38E-07	7.11E-03	1.83E-04	9.68E-01	5.46E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
NRN316	2.17E-02	2.42E+00	-3.69E-03	2.42E+00	1.86E-06	0.00E+00	1.03E+03	1.95E-04	1.68E-03	1.78E-02	2.92E-03	7.69E+00	2.25E-08	1.87E-07	1.53E+01	5.39E-01	3.97E-03	1.22E-01	3.20E-02	5.19E-01	1.01E+02	2.80E+00	3.01E-07	1.44E-07	7.22E-03	1.90E-04	9.76E-01	5.44E-01	1.03E+02	1.38E-03	1.03E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NRN320	2.33E-02	2.43E+00	-1.34E-02	2.43E+00	2.11E-06	0.00E+00	1.04E+03	2.10E-04	1.72E-03	1.83E-02	3.08E-03	9.16E+00	2.42E-08	2.03E-07	1.83E+01	6.14E-01	4.16E-03	1.24E-01	3.45E-02	5.31E-01	1.00E+02	2.73E+00	3.10E-07	1.52E-07	7.38E-03	1.98E-04	9.87E-01	6.50E-01	1.03E+02	1.40E-03	1.03E+02	1.03E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NRN325	2.46E-02	2.83E+00	-3.93E-02	2.93E+00	2.37E-06	0.00E+00	1.89E+03	1.50E-04	1.88E-03	2.02E-02	2.90E-03	7.62E+00	4.50E-08	1.96E-07	1.18E+01	3.73E-01	4.17E-03	1.29E-01	3.67E-02	5.30E-01	1.03E+02	3.24E+00	3.38E-07	1.63E-07	7.45E-03	2.07E-04	9.53E-01	9.26E-01	1.05E+02	4.94E-04	1.05E+02	1.06E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NRN332	2.99E-02	2.43E+00	-1.73E-03	2.43E+00	2.07E-06	0.00E+00	1.02E+03	3.62E-04	1.75E-03	1.86E-02	3.08E-03	1.28E+01	2.36E-08	3.37E-07	3.00E+01	9.86E-01	4.17E-03	1.27E-01	4.34E-02	5.43E-01	9.85E+01	2.65E+00	3.32E-07	1.86E-07	7.82E-03	2.02E-04	1.23E+00	5.37E-01	1.01E+02	1.56E-03	1.01E+02	1.03E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NRN340	2.54E-02	2.44E+00	-1.06E-02	2.44E+00	2.12E-06	0.00E+00	1.03E+03	2.36E-04	1.88E-03	1.98E-02	3.17E-03	1.01E+01	2.67E-08	2.36E-07	2.07E+01	6.46E-01	4.30E-03	1.26E-01	3.82E-02	5.57E-01	9.76E+01	2.73E+00	3.28E-07	1.82E-07	8.36E-03	2.15E-04	1.04E+00	6.55E-01	1.01E+02	1.59E-03	1.01E+02	1.01E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NRN350	3.23E-02	2.44E+00	-3.29E-03	2.44E+00	2.12E-06	0.00E+00	1.02E+03	3.86E-04	1.88E-03	2.00E-02	3.18E-03	1.51E+01	2.70E-08	3.64E-07	3.26E+01	1.09E+00	4.31E-03	1.26E-01	4.60E-02	5.64E-01	9.44E+01	2.68E+00	3.63E-07	2.19E-07	8.58E-03	2.19E-04	1.33E+00	5.90E-01	9.84E+01	1.63E-03	9.80E+01	9.98E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NRN363	3.14E-02	2.95E+00	-1.99E-02	3.00E+00	2.35E-06	0.00E+00	1.93E+03	2.95E-04	2.04E-03	2.20E-02	2.98E-03	1.25E+01	2.96E-07	3.41E-07	2.16E+01	7.36E-01	4.30E-03	1.30E-01	4.33E-02	5.63E-01	1.02E+02	3.39E+00	4.88E-07	2.15E-07	8.44E-03	2.24E-04	1.16E+00	9.14E-01	1.05E+02	3.37E-03	1.05E+02	1.05E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
NRN400	3.02E-02	2.47E+00	-3.58E-03	2.46E+00	2.13E-06	0.00E+00	1.14E+03	1.67E-04	2.23E-03	2.29E-02	3.89E-03	9.57E+00	3.34E-08	1.97E-07	1.76E+01	4.59E-01	5.41E-03	1.69E-01	3.94E-02	6.11E-01	1.25E+02	2.71E+00	4.08E-07	1.95E-07	9.75E-03	2.43E-04	1.05E+00	5.40E-01	1.31E+02	1.71E-03	1.30E+02	1.30E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NRN401	3.02E-02	2.47E+00	-3.92E-03	2.46E+00	2.12E-06	0.00E+00	1.14E+03	1.50E-04	2.23E-03	2.28E-02	3.89E-03	5.41E+00	3.32E-08	1.63E-07	9.30E+00	3.96E-01	5.41E-03	1.69E-01	3.94E-02	6.10E-01	1.26E+02	2.71E+00	4.07E-07	1.95E-07	9.70E-03	2.43E-04	1.01E+00	5.40E-01	1.31E+02	1.72E-03	1.30E+02	1.30E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NRN402	3.10E-02	2.48E+00	-1.93E-02	2.47E+00	2.18E-06	0.00E+00	2.06E+03	2.11E-04	2.34E-03	2.48E-02	3.95E-03	1.02E+01	3.63E-08	2.29E-07	1.89E+01	5.09E-01	5.52E-03	1.70E-01	4.26E-02	6.34E-01	1.26E+02	2.81E+00	4.13E-07	2.04E-07	9.81E-03	2.74E-04	1.15E+00	6.57E-01	1.31E+02	1.74E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NRN403	3.11E-02	2.52E+00	-2.15E-02	2.53E+00	2.33E-06	0.00E+00	2.05E+03	2.03E-04	2.34E-03	2.49E-02	3.95E-03	1.02E+01	4.00E-08	2.29E-07	1.87E+01	4.70E-01	5.51E-03	1.71E-01	4.29E-02	6.33E-01	1.26E+02	2.43E+00	4.10E-07	2.05E-07	9.81E-03	2.73E-04	1.13E+00	7.58E-01	1.32E+02	1.78E-03	1.30E+02	1.31E+02	2.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NRN404	3.12E-02	2.48E+00	-3.41E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.15E-04	2.22E-03	2.29E-02	3.92E-03	1.06E+01	3.39E-08	2.36E-07	1.95E+01	5.36E-01	5.41E-03	1.69E-01	4.38E-02	6.13E-01	1.26E+02	2.70E+00	4.10E-07	2.04E-07	9.80E-03	2.44E-04	1.13E+00	5.40E-01	1.33E+02	1.74E-03	1.31E+02	1.31E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NRN406	2.95E-02	2.52E+00	-2.11E-02	2.51E+00	2.19E-06	0.00E+00	2.04E+03	1.23E-04	2.31E-03	2.43E-02	3.80E-03	5.51E+00	2.99E-08	1.57E-07	1.00E+01	3.08E-01	5.32E-03	1.68E-01	3.67E-02	5.96E-01	1.26E+02	2.41E+00	4.06E-07	1.90E-07	9.66E-03	2.40E-04	9.46E-01	6.59E-01	1.31E+02	1.69E-03	1.29E+02	1.29E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NRN410	3.13E-02	3.16E+00	-4.02E-02	3.25E+00	2.44E-06	0.00E+00	2.38E+03	1.70E-04	2.38E-03	2.54E-02	3.65E-03	1.02E+01	4.64E-08	2.22E-07	1.60E+01	4.26E-01	5.37E-03	1.65E-01	3.58E-02	5.57E-01	1.20E+02	3.34E+00	4.76E-07	2.07E-07	9.93E-03	2.45E-04	1.08E+00	1.26E+00	1.26E+02	9.54E-04	1.25E+02	1.31E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NRN416	3.08E-02	2.53E+00	-2.04E-02	2.53E+00	2.36E-06	0.00E+00	2.07E+03	2.17E-04	2.30E-03	2.45E-02	3.91E-03	1.07E+01	3.18E-08	2.31E-07	1.96E+01	5.63E-01	5.41E-03	1.71E-01	4.23E-02	6.02E-01	1.28E+02	2.42E+00	3.98E-07	2.01E-07	9.77E-03	2.44E-04	1.08E+00	7.59E-01	1.34E+02	1.73E-03	1.32E+02	1.32E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NRN420	3.11E-02	2.53E+00	-1.19E-02	2.53E+00	2.24E-06	0.00E+00	2.04E+03	2.36E-04	2.34E-03	2.48E-02	3.99E-03	1.12E+01	3.06E-08	2.37E-07	2.08E+01	6.49E-01	5.53E-03	1.72E-01	4.37E-02	6.43E-01	1.25E+02	2.42E+00	4.04E-07	2.06E-07	1.00E-02	2.76E-04	1.14E+00	6.59E-01	1.30E+02	1.76E-03	1.30E+02	1.30E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NRN425	3.35E-02	2.49E+00	-6.51E-03	2.47E+00	2.21E-06	0.00E+00	1.71E+03	3.58E-04	2.29E-03	2.35E-02	4.00E-03	1.39E+01	2.71E-08	3.35E-07	2.91E+01	9.62E-01	5.52E-03	1.71E-01	4.80E-02	6.47E-01	1.25E+02	2.72E+00	4.13E-07	2.24E-07	9.99E-03	2.77E-04	1.34E+00	6.58E-01	1.30E+02	1.79E-03	1.29E+02	1.30E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00
NRN432	3.91E-02	2.49E+00	-3.34E-03	2.48E+00	2.33E-06	0.00E+00	1.70E+03	5.05E-04	2.51E-03	2.62E-02	4.13E-03	1.63E+01	2.87E-08	4.15E-07	3.62E+01	1.45E+00	5.58E-03	1.77E-01	5.81E-02	6.47E-01	1.14E+02	2.77E+00	5.12E-07	2.51E-07	1.11E-02	2.93E-04	1.41E+00	6.66E-01	1.19E+02	2.04E-03	1.19E+02	1.20E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NRN440	3.90E-02	2.53E+00	-3.21E-03	2.53E+00	2.38E-06	0.00E+00	1.71E+03	5.02E-04	2.50E-03	2.62E-02	4.18E-03	1.63E+01	3.10E-08	4.14E-07	3.60E+01	1.43E+00	5.63E-03	1.77E-01	5.82E-02	6.45E-01	1.13E+02	2.38E+00	4.64E-07	2.50E-07	1.11E-02	2.94E-04	1.40E+00	6.69E-01	1.19E+02	2.03E-03	1.19E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NRN450	3.94E-02	2.49E+00	-2.70E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.25E-04	2.41E-03	2.45E-02	4.18E-03	1.65E+01	2.72E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.51E-01	1.13E+02	2.70E+00	5.11E-07	2.53E-07	1.11E-02	2.92E-04	1.43E+00	6.00E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NRN463	3.93E-02	2.49E+00	-1.65E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.27E-04	2.41E-03	2.44E-02	4.18E-03	1.65E+01	2.79E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.52E-01	1.13E+02	2.67E+00	5.14E-07	2.52E-07	1.11E-02	2.92E-04	1.41E+00	5.69E-01	1.19E+02	2.13E-03	1.18E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NSN100	9.23E-03	1.01E+00	-1.86E-02	1.06E+00	9.83E-07	0.00E+00	8.72E+02	5.19E-05	6.72E-04	7.24E-03	1.13E-03	2.46E+00	2.90E-08	8.03E-08	5.26E+00	1.29E-01	1.53E-03	5.01E-02	1.37E-02	2.51E-01	3.53E+01	1.30E+00	1.19E-07	6.18E-08	2.73E-03	1.21E-04	5.10E-01	4.21E-01	3.57E+01	3.17E-04	3.60E+01	3.65E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-01
NSN101	9.38E-03	1.16E+00	-4.33E-02	1.23E+00	1.23E-06	0.00E+00	1.09E+03	5.12E-05	7.81E-04	8.63E-03	1.41E-03	2.48E+00	4.81E-08	8.11E-08	5.24E+00	1.28E-01	2.16E-03	5.17E-02	1.38E-02	2.50E-01	4.65E+01	2.17E+00	1.23E-07	6.28E-08	2.76E-03	1.22E-04	6.29E-01	8.32E-01	4.83E+01	3.16E-04	4.83E+01	4.93E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-01
NSN102	8.27E-03	9.97E-01	-7.88E-03	1.05E+00	9.57E-07	0.00E+00	6.30E+02	4.83E-05	6.36E-04	6.39E-03	9.88E-04	1.94E+00	2.72E-08	7.96E-08	4.46E+00	1.37E-01	1.37E-03	4.30E-02	1.31E-02	2.64E-01	3.52E+01	1.16E+00	9.91E-08	5.71E-08	2.57E-03	1.17E-04	5.24E-01	2.23E-01	3.64E+01	3.52E-04	3.64E+01	3.69E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-01
NSN104	8.28E-03	9.95E-01	-7.93E-03	1.04E+00	9.52E-07	0.00E+00	6.32E+02	4.99E-05	6.37E-04	6.40E-03	9.88E-04	2.09E+00	2.72E-08	7.96E-08	4.53E+00	1.35E-01	1.37E-03	4.30E-02	1.31E-02	2.64E-01	3.48E+01	1.16E+00	9.90E-08	5.70E-08	2.56E-03	1.17E-04	5.42E-01	2.23E-01	3.58E+01	3.52E-04	3.58E+01	3.67E+01	8.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
NSN106	6.86E-03	8.98E-01	-1.02E-02	9.12E-01	9.55E-07	0.00E+00	6.30E+02	4.48E-05	5.88E-04	6.08E-03	9.42E-04	1.86E+00	1.78E-08	4.86E-08	3.91E+00	1.18E-01	1.31E-03	4.24E-02	9.99E-03	1.57E-01	3.49E+01	1.02E+00	8.68E-08	4.52E-08	2.33E-03	5.65E-05	3.70E-01	2.22E-01	3.62E+01	4.28E-04	3.62E+01	3.68E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NSN110	7.06E-03	8.86E-01	-9.29E-03	9.03E-01	9.76E-07	0.00E+00	6.44E+02	6.03E-05	6.04E-04	6.52E-03	9.89E-04	2.07E+00	1.92E-08	5.95E-08	4.30E+00	1.54E-01	1.37E-03	4.29E-02	1.06E-02	1.63E-01	3.47E+01	1.02E+00	9.14E-08	4.76E-08	2.43E-03	5.83E-05	3.74E-01	2.43E-01	3.60E+01	4.39E-04	3.60E+01	3.67E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-01
NSN113	8.73E-03	9.18E-01	-2.07E-02	9.30E-01	1.05E-06	0.00E+00	9.83E+02	6.24E-05	7.30E-04	7.81E-03	1.09E-03	2.50E+00	2.25E-08	5.97E-08	5.03E+00	1.44E-01	1.52E-03	5.01E-02	1.19E-02	1.72E-01	3.47E+01	1.25E+00	1.10E-07	5.44E-08	2.59E-03	6.25E-05	3.85E-01	4.29E-01	3.55E+01	4.41E-04	3.57E+01	3.65E+01	8.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01
NSN116	8.46E-03	8.90E-01	-9.95E-03	9.03E-01	9.83E-07	0.00E+00	6.57E+02	6.44E-05	6.16E-04	6.66E-03	1.03E-03	2.50E+00	1.92E-08	5.97E-08	4.98E+00	1.46E-01	1.42E-03	4.56E-02	1.15E-02	1.71E-01	3.41E+01	1.03E+00	9.16E-08	5.15E-08	2.46E-03	5.98E-05	3.88E-01	2.69E-01	3.54E+01	4.35E-04	3.54E+01	3.63E+01	8.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-01
NSN120	8.51E-03	8.93E-01	-8.07E-03	8.97E-01	9.85E-07	0.00E+00	6.57E+02	7.41E-05	6.13E-04	6.50E-03	1.03E-03	2.67E+00	1.82E-08	6.07E-08	5.62E+00	2.23E-01	1.42E-03	4.34E-02	1.15E-02	1.66E-01	3.28E+01	1.02E+00	9.31E-08	5.14E-08	2.45E-03	6.04E-05	4.02E-01	2.25E-01	3.37E+01	5.06E-04	3.37E+01	3.48E+01	7.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-01
NSN125	1.02E-02	9.02E-01	-4.34E-03	9.01E-01	9.99E-07	0.00E+00	6.15E+02	1.00E-04	6.35E-04	6.81E-03	1.05E-03	4.02E+00	1.83E-08	9.49E-08	7.73E+00	2.81E-01	1.44E-03	4.36E-02	1.42E-02	1.67E-01	3.15E+01	1.04E+00	1.02E-07	6.27E-08	2.65E-03	6.46E-05	5.45E-01	2.47E-01	3.25E+01	5.02E-04	3.25E+01	3.33E+01	9.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-01
NSN132	1.01E-02	9.03E-01	-4.31E-03	9.08E-01	1.03E-06	0.00E+00	5.37E+02	1.13E-04	6.61E-04	7.18E-03	1.08E-03	4.77E+00	1.93E-08	1.14E-07	9.24E+00	3.20E-01	1.48E-03	4.40E-02	1.53E-02	1.65E-01	3.09E+01	1.06E+00	1.03E-07	6.46E-08	2.72E-03	6.49E-05	5.71E-01	2.48E-01	3.20E+01	5.12E-04	3.20E+01	3.26E+01	9.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-01
NSN140	1.07E-02	9.06E-01	-4.09E-03	9.14E-01	1.03E-06	0.00E+00	5.31E+02	1.02E-04	6.94E-04	7.51E-03	1.08E-03	4.97E+00	1.97E-08	1.20E-07	8.86E+00	2.93E-01	1.49E-03	4.55E-02	1.55E-02	1.79E-01	3.01E+01	1.06E+00	1.06E-07	6.83E-08	2.88E-03	6.57E-05	6.01E-01	2.69E-01	3.13E+01	5.27E-04	3.13E+01	3.16E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-01
NSN150	1.07E-02	9.07E-01	-2.23E-03	9.06E-01	1.02E-06	0.00E+00	5.38E+02	1.33E-04	6.54E-04	7.08E-03	1.08E-03	5.23E+00	1.97E-08	1.18E-07	9.39E+00	3.65E-01	1.48E-03	4.35E-02	1.58E-02	1.69E-01	2.96E+01	1.06E+00	1.10E-07	6.71E-08	2.84E-03	6.68E-05	6.25E-01	2.49E-01	3.07E+01	5.29E-04	3.08E+01	3.15E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-01
NSN163	1.21E-02	9.19E-01	-3.76E-03	9.17E-01	1.05E-06	0.00E+00	5.84E+02	1.32E-04	6.97E-04	7.66E-03	1.11E-03	6.46E+00	2.08E-08	1.45E-07	1.35E+01	4.01E-01	1.51E-03	5.02E-02	1.67E-02	1.86E-01	2.92E+01	1.16E+00	1.22E-07	7.77E-08	2.95E-03	6.73E-05	6.43E-01	3.29E-01	3.02E+01	5.38E-04	3.04E+01	3.11E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-01
NSN200	2.18E-02	1.99E+00	-1.88E-02	1.96E+00	1.66E-06	0.00E+00	1.15E+03	7.01E-05	1.58E-03	1.67E-02	1.96E-03	2.66E+00	3.22E-08	1.04E-07	5.62E+00	1.98E-01	2.87E-03	9.39E-02	3.39E-02	3.89E-01	6.39E+01	2.06E+00	3.16E-07	1.38E-07	6.18E-03	1.40E-04	7.69E-01	5.05E-01	6.65E+01	8.60E-04	6.62E+01	6.77E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NSN201	2.19E-02	2.00E+00	-2.04E-02	1.97E+00	1.51E-06	0.00E+00	1.15E+03	6.18E-05	1.58E-03	1.67E-02	1.95E-03	2.56E+00	3.37E-08	1.03E-07	5.49E+00	1.76E-01	2.84E-03	9.44E-02	3.40E-02	3.89E-01	6.43E+01	2.07E+00	3.30E-07	1.38E-07	6.18E-03	1.40E-04	7.60E-01	5.24E-01	6.66E+01	8.52E-04	6.63E+01	6.78E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
NSN202	2.19E-02	1.91E+00	-3.75E-03	1.89E+00	1.44E-06	0.00E+00	1.12E+03	1.56E-04	1.26E-03	1.31E-02	1.85E-03	4.87E+00	2.95E-08	1.47E-07	8.62E+00	4.08E-01	2.74E-03	9.32E-02	3.56E-02	3.83E-01	6.45E+01	1.47E+00	3.25E-07	1.38E-07	6.13E-03	1.41E-04	9.26E-01	2.93E-01	6.72E+01	8.85E-04	6.65E+01	6.78E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NSN203	2.17E-02	1.92E+00	-3.70E-03	1.89E+00	1.46E-06	0.00E+00	1.16E+03	1.48E-04	1.26E-03	1.31E-02	1.83E-03	4.63E+00	2.92E-08	1.40E-07	8.02E+00	3.63E-01	2.69E-03	9.32E-02	3.22E-02	3.82E-01	6.44E+01	1.48E+00	3.24E-07	1.36E-07	6.15E-03	1.41E-04	9.13E-01	2.75E-01	6.69E+01	8.78E-04	6.63E+01	6.76E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NSN204	2.17E-02	2.61E+00	-5.08E-02	2.71E+00	1.96E-06	0.00E+00	1.56E+03	1.27E-04	1.68E-03	1.75E-02	2.54E-03	5.24E+00	4.81E-08	1.47E-07	8.83E+00	2.94E-01	3.49E-03	1.16E-01	3.41E-02	4.01E-01	9.73E+01	2.94E+00	3.05E-07	1.36E-07	6.25E-03	1.65E-04	9.34E-01	1.53E+00	1.01E+02	8.98E-04	1.02E+02	1.04E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NSN206	2.08E-02	1.90E+00	-1.72E-02	1.90E+00	1.46E-06	0.00E+00	1.17E+03	6.72E-05	1.27E-03	1.34E-02	1.84E-03	2.54E+00	2.01E-08	8.20E-08	5.14E+00	1.81E-01	2.68E-03	9.30E-02	2.69E-02	3.70E-01	6.40E+01	1.63E+00	3.17E-07	1.32E-07	6.04E-03	1.41E-04	6.82E-01	4.98E-01	6.69E+01	9.22E-04	6.65E+01	6.82E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NSN210	2.12E-02	1.87E+00	-6.83E-03	1.88E+00	1.49E-06	0.00E+00	1.17E+03	1.28E-04	1.27E-03	1.34E-02	1.82E-03	4.18E+00	2.14E-08	1.29E-07	5.81E+00	3.51E-01	2.69E-03	9.36E-02	2.78E-02	3.68E-01	6.37E+01	1.56E+00	3.20E-07	1.34E-07	5.89E-03	1.41E-04	8.78E-01	4.73E-01	6.66E+01	9.24E-04	6.59E+01	6.74E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
NSN213	2.09E-02	1.84E+00	-3.50E-03	1.84E+00	1.48E-06	0.00E+00	1.17E+03	1.56E-04	1.26E-03	1.31E-02	1.80E-03	4.69E+00	2.00E-08	1.31E-07	8.07E+00	4.19E-01	2.64E-03	9.36E-02	2.76E-02	3.63E-01	6.32E+01	1.45E+00	3.20E-07	1.33E-07	5.89E-03	1.41E-04	8.64E-01	2.92E-01	6.63E+01	9.29E-04	6.56E+01	6.71E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NSN216	2.15E-02	1.85E+00	-6.45E-03	1.84E+00	1.52E-06	0.00E+00	1.15E+03	1.27E-04	1.27E-03	1.34E-02	1.83E-03	4.39E+00	2.11E-08	1.29E-07	6.03E+00	3.52E-01	2.70E-03	9.39E-02	3.03E-02	3.68E-01	6.32E+01	1.54E+00	3.22E-07	1.34E-07	5.92E-03	1.41E-04	8.95E-01	3.92E-01	6.63E+01	9.26E-04	6.56E+01	6.71E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NSN220	2.17E-02	1.87E+00	-4.81E-03	1.88E+00	1.52E-06	0.00E+00	1.13E+03	1.39E-04	1.26E-03	1.33E-02	1.90E-03	5.11E+00	2.14E-08	1.42E-07	8.21E+00	4.17E-01	2.80E-03	9.52E-02	3.06E-02	3.70E-01	6.19E+01	1.53E+00	3.15E-07	1.37E-07	5.91E-03	1.42E-04	9.09E-01	4.74E-01	6.49E+01	9.41E-04	6.43E+01	6.62E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NSN225	2.24E-02	1.85E+00	-4.65E-03	1.85E+00	1.54E-06	0.00E+00	1.03E+03	2.36E-04	1.28E-03	1.34E-02	2.00E-03	8.47E+00	2.16E-08	2.18E-07	1.70E+01	6.58E-01	2.80E-03	9.59E-02	3.14E-02	3.71E-01	6.18E+01	1.51E+00	3.17E-07	1.43E-07	5.93E-03	1.44E-04	9.67E-01	3.92E-01	6.43E+01	9.64E-04	6.39E+01	6.58E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NSN232	2.24E-02	1.87E+00	-4.64E-03	1.89E+00	1.74E-06	0.00E+00	1.02E+03	2.39E-04	1.28E-03	1.35E-02	2.03E-03	9.23E+00	2.19E-08	2.25E-07	1.86E+01	6.70E-01	2.84E-03	9.59E-02	3.12E-02	3.75E-01	6.17E+01	1.54E+00	3.18E-07	1.44E-07	5.92E-03	1.46E-04	9.73E-01	4.76E-01	6.37E+01	9.71E-04	6.32E+01	6.54E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NSN240	2.22E-02	1.85E+00	-4.23E-03	1.85E+00	1.71E-06	0.00E+00	1.09E+03	2.14E-04	1.28E-03	1.35E-02	2.03E-03	8.63E+00	2.17E-08	2.18E-07	1.84E+01	5.70E-01	2.84E-03	9.55E-02	3.10E-02	3.73E-01	6.14E+01	1.55E+00	3.14E-07	1.39E-07	5.92E-03	1.44E-04	9.57E-01	3.93E-01	6.37E+01	9.34E-04	6.33E+01	6.53E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
NSN250	2.28E-02	1.86E+00	-4.18E-03	1.86E+00	1.69E-06	0.00E+00	1.01E+03	2.47E-04	1.29E-03	1.36E-02	2.04E-03	9.49E+00	2.20E-08	2.38E-07	1.91E+01	6.72E-01	2.85E-03	9.60E-02	3.12E-02	3.89E-01	6.15E+01	1.55E+00	3.38E-07	1.48E-07	5.97E-03	1.46E-04	1.00E+00	3.93E-01	6.36E+01	1.07E-03	6.31E+01	6.52E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
NSN263	2.60E-02	1.86E+00	-3.68E-03	1.86E+00	1.70E-06	0.00E+00	1.01E+03	3.52E-04	1.29E-03	1.35E-02	2.07E-03	1.26E+01	2.24E-08	3.18E-07	2.68E+01	9.79E-01	2.90E-03	9.59E-02	3.57E-02	3.96E-01	6.12E+01	1.55E+00	3.67E-07	1.64E-07	5.97E-03	1.46E-04	1.19E+00	3.93E-01	6.35E+01	1.06E-03	6.30E+01	6.49E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NSN300	2.52E-02	2.48E+00	-2.16E-02	2.49E+00	2.18E-06	0.00E+00	1.78E+03	1.14E-04	1.79E-03	1.95E-02	3.12E-03	4.91E+00	3.75E-08	1.66E-07	8.10E+00	2.74E-01	4.23E-03	1.25E-01	3.58E-02	5.56E-01	1.00E+02	2.41E+00	3.17E-07	1.62E-07	8.17E-03	1.99E-04	1.00E+00	6.83E-01	1.04E+02	1.33E-03	1.04E+02	1.05E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NSN301	2.53E-02	2.48E+00	-2.16E-02	2.49E+00	2.15E-06	0.00E+00	1.56E+03	9.09E-05	1.79E-03	1.96E-02	3.08E-03	3.93E+00	3.65E-08	1.44E-07	7.36E+00	2.01E-01	4.17E-03	1.24E-01	3.58E-02	5.56E-01	1.00E+02	2.41E+00	3.14E-07	1.62E-07	8.11E-03	2.01E-04	9.41E-01	6.82E-01	1.04E+02	1.32E-03	1.04E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NSN302	2.45E-02	2.43E+00	-3.73E-03	2.42E+00	1.98E-06	0.00E+00	1.13E+03	1.79E-04	1.70E-03	1.83E-02	2.98E-03	7.25E+00	3.13E-08	1.87E-07	1.55E+01	4.55E-01	4.05E-03	1.22E-01	3.46E-02	5.55E-01	1.00E+02	2.78E+00	3.11E-07	1.57E-07	8.07E-03	2.00E-04	1.05E+00	5.33E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NSN303	2.52E-02	2.48E+00	-2.14E-02	2.49E+00	2.17E-06	0.00E+00	1.56E+03	1.68E-04	1.80E-03	1.96E-02	3.08E-03	7.58E+00	3.74E-08	1.89E-07	1.61E+01	4.19E-01	4.17E-03	1.24E-01	3.57E-02	5.56E-01	1.00E+02	2.41E+00	3.13E-07	1.61E-07	8.12E-03	2.02E-04	1.06E+00	6.81E-01	1.03E+02	1.32E-03	1.03E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00

NSN304	2.49E-02	2.43E+00	-5.55E-03	2.43E+00	2.06E-06	0.00E+00	1.03E+03	1.74E-04	1.71E-03	1.85E-02	2.99E-03	7.45E+00	3.27E-08	1.87E-07	1.57E+01	4.54E-01	4.05E-03	1.23E-01	3.52E-02	5.58E-01	1.00E+02	2.77E+00	3.11E-07	1.59E-07	8.11E-03	2.02E-04	1.06E+00	5.49E-01	1.03E+02	1.35E-03	1.03E+02	1.05E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NSN306	2.11E-02	2.42E+00	-2.21E-02	2.42E+00	1.82E-06	0.00E+00	1.65E+03	1.09E-04	1.75E-03	1.88E-02	2.90E-03	4.61E+00	2.74E-08	1.57E-07	7.16E+00	2.73E-01	3.94E-03	1.21E-01	3.11E-02	5.06E-01	1.01E+02	2.89E+00	2.98E-07	1.39E-07	7.18E-03	1.86E-04	9.18E-01	6.51E-01	1.03E+02	1.33E-03	1.03E+02	1.05E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NSN310	2.12E-02	2.42E+00	-6.91E-03	2.42E+00	1.83E-06	0.00E+00	1.14E+03	1.92E-04	1.68E-03	1.79E-02	2.91E-03	7.56E+00	2.32E-08	1.85E-07	1.51E+01	5.31E-01	3.95E-03	1.21E-01	3.12E-02	5.14E-01	1.01E+02	2.84E+00	3.00E-07	1.41E-07	7.20E-03	1.88E-04	9.58E-01	6.20E-01	1.04E+02	1.34E-03	1.03E+02	1.05E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NSN313	2.12E-02	2.42E+00	-6.44E-03	2.41E+00	1.86E-06	0.00E+00	1.13E+03	1.89E-04	1.70E-03	1.80E-02	2.94E-03	7.54E+00	2.32E-08	1.85E-07	1.52E+01	5.33E-01	3.99E-03	1.22E-01	3.23E-02	5.17E-01	1.01E+02	2.83E+00	2.99E-07	1.39E-07	7.20E-03	1.93E-04	9.52E-01	5.55E-01	1.04E+02	1.35E-03	1.03E+02	1.05E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NSN316	2.16E-02	2.43E+00	-6.85E-03	2.42E+00	1.91E-06	0.00E+00	1.03E+03	1.88E-04	1.70E-03	1.81E-02	2.97E-03	7.69E+00	2.36E-08	1.86E-07	1.54E+01	5.29E-01	4.02E-03	1.23E-01	3.27E-02	5.21E-01	1.01E+02	2.82E+00	3.02E-07	1.44E-07	7.24E-03	1.96E-04	9.71E-01	6.20E-01	1.04E+02	1.38E-03	1.04E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
NSN320	2.32E-02	2.43E+00	-4.98E-03	2.42E+00	2.10E-06	0.00E+00	1.03E+03	2.08E-04	1.72E-03	1.83E-02	3.08E-03	8.93E+00	2.39E-08	2.00E-07	1.77E+01	6.10E-01	4.16E-03	1.24E-01	3.44E-02	5.31E-01	1.00E+02	2.72E+00	3.06E-07	1.51E-07	7.38E-03	1.98E-04	9.87E-01	5.85E-01	1.03E+02	1.40E-03	1.03E+02	1.03E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
NSN325	2.46E-02	2.43E+00	-4.67E-03	2.42E+00	2.10E-06	0.00E+00	1.03E+03	2.26E-04	1.72E-03	1.83E-02	3.08E-03	9.71E+00	2.39E-08	2.25E-07	1.95E+01	6.27E-01	4.17E-03	1.24E-01	3.77E-02	5.33E-01	1.00E+02	2.71E+00	3.18E-07	1.64E-07	7.49E-03	2.00E-04	1.06E+00	5.85E-01	1.03E+02	1.46E-03	1.04E+02	1.04E+02	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NSN332	2.99E-02	2.43E+00	-1.73E-03	2.43E+00	2.07E-06	0.00E+00	1.02E+03	3.62E-04	1.75E-03	1.86E-02	3.08E-03	1.28E+01	2.36E-08	3.37E-07	3.00E+01	9.86E-01	4.17E-03	1.27E-01	4.34E-02	5.43E-01	9.85E+01	2.65E+00	3.32E-07	1.86E-07	7.82E-03	2.02E-04	1.23E+00	5.37E-01	1.01E+02	1.56E-03	1.01E+02	1.03E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NSN340	2.54E-02	2.44E+00	-1.08E-02	2.44E+00	2.12E-06	0.00E+00	1.03E+03	2.38E-04	1.88E-03	1.98E-02	3.17E-03	1.01E+01	2.73E-08	2.36E-07	2.08E+01	6.46E-01	4.30E-03	1.27E-01	3.82E-02	5.58E-01	9.76E+01	2.73E+00	3.26E-07	1.81E-07	8.37E-03	2.14E-04	1.04E+00	6.55E-01	1.01E+02	1.63E-03	1.01E+02	1.01E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NSN350	3.22E-02	2.44E+00	-2.29E-03	2.43E+00	2.14E-06	0.00E+00	1.02E+03	3.87E-04	1.88E-03	1.99E-02	3.17E-03	1.51E+01	2.71E-08	3.63E-07	3.26E+01	1.09E+00	4.30E-03	1.26E-01	4.60E-02	5.64E-01	9.44E+01	2.65E+00	3.61E-07	2.18E-07	8.58E-03	2.18E-04	1.34E+00	5.58E-01	9.84E+01	1.63E-03	9.80E+01	9.98E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NSN363	3.23E-02	2.44E+00	-3.40E-03	2.44E+00	2.12E-06	0.00E+00	1.02E+03	3.91E-04	1.88E-03	2.00E-02	3.17E-03	1.51E+01	2.77E-08	3.62E-07	3.32E+01	1.11E+00	4.30E-03	1.25E-01	4.57E-02	5.73E-01	9.44E+01	2.68E+00	4.48E-07	2.20E-07	8.60E-03	2.19E-04	1.32E+00	5.89E-01	9.84E+01	1.71E-03	9.80E+01	9.97E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
NSN400	3.03E-02	2.48E+00	-1.84E-02	2.46E+00	2.15E-06	0.00E+00	1.79E+03	1.59E-04	2.25E-03	2.31E-02	3.97E-03	9.55E+00	3.43E-08	1.98E-07	1.77E+01	4.28E-01	5.54E-03	1.71E-01	4.04E-02	6.39E-01	1.26E+02	2.77E+00	4.11E-07	1.96E-07	9.76E-03	2.74E-04	1.11E+00	6.57E-01	1.31E+02	1.71E-03	1.30E+02	1.31E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
NSN401	3.03E-02	2.52E+00	-2.24E-02	2.53E+00	2.32E-06	0.00E+00	2.05E+03	1.22E-04	2.34E-03	2.46E-02	3.97E-03	5.10E+00	3.93E-08	1.61E-07	8.21E+00	3.01E-01	5.54E-03	1.72E-01	4.04E-02	6.38E-01	1.26E+02	2.44E+00	4.10E-07	1.96E-07	9.76E-03	2.74E-04	1.05E+00	7.83E-01	1.32E+02	1.70E-03	1.30E+02	1.31E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
NSN402	3.26E-02	3.43E+00	-2.19E-02	3.45E+00	2.52E-06	0.00E+00	2.06E+03	2.05E-04	2.51E-03	2.71E-02	3.99E-03	1.02E+01	4.21E-08	2.29E-07	1.89E+01	4.79E-01	5.56E-03	1.83E-01	5.07E-02	6.45E-01	1.21E+02	3.76E+00	4.60E-07	2.11E-07	9.94E-03	2.73E-04	1.19E+00	7.92E-01	1.25E+02	1.74E-03	1.24E+02	1.25E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NSN403	3.25E-02	3.41E+00	-2.97E-02	3.47E+00	2.54E-06	0.00E+00	2.25E+03	2.01E-04	2.52E-03	2.71E-02	4.05E-03	1.02E+01	4.99E-08	2.33E-07	1.89E+01	4.68E-01	5.64E-03	1.81E-01	5.11E-02	6.50E-01	1.20E+02	3.84E+00	4.75E-07	2.11E-07	9.99E-03	2.77E-04	1.22E+00	9.41E-01	1.22E+02	1.85E-03	1.21E+02	1.25E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
NSN404	3.14E-02	2.48E+00	-6.49E-03	2.46E+00	2.16E-06	0.00E+00	1.04E+03	2.16E-04	2.23E-03	2.31E-02	3.94E-03	1.06E+01	3.48E-08	2.36E-07	1.96E+01	5.37E-01	5.46E-03	1.69E-01	4.41E-02	6.27E-01	1.26E+02	2.73E+00	4.10E-07	2.05E-07	9.82E-03	2.65E-04	1.17E+00	5.91E-01	1.33E+02	1.74E-03	1.31E+02	1.32E+02	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NSN406	2.95E-02	2.52E+00	-2.10E-02	2.51E+00	2.19E-06	0.00E+00	2.04E+03	1.27E-04	2.31E-03	2.43E-02	3.80E-03	5.51E+00	2.99E-08	1.58E-07	1.00E+01	3.16E-01	5.32E-03	1.68E-01	3.67E-02	5.96E-01	1.26E+02	2.41E+00	4.06E-07	1.90E-07	9.62E-03	2.40E-04	9.47E-01	6.59E-01	1.31E+02	1.69E-03	1.29E+02	1.29E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
NSN410	3.00E-02	2.52E+00	-2.27E-02	2.52E+00	2.26E-06	0.00E+00	2.06E+03	1.93E-04	2.31E-03	2.44E-02	3.87E-03	1.01E+01	3.18E-08	2.09E-07	1.82E+01	5.21E-01	5.39E-03	1.69E-01	3.82E-02	5.98E-01	1.28E+02	2.42E+00	3.96E-07	1.95E-07	9.68E-03	2.41E-04	1.02E+00	6.89E-01	1.32E+02	1.76E-03	1.30E+02	1.30E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NSN413	3.05E-02	2.53E+00	-1.99E-02	2.52E+00	2.23E-06	0.00E+00	2.06E+03	2.21E-04	2.31E-03	2.46E-02	3.87E-03	1.03E+01	3.02E-08	2.28E-07	1.89E+01	5.69E-01	5.40E-03	1.68E-01	4.11E-02	5.98E-01	1.27E+02	2.41E+00	3.96E-07	2.01E-07	9.75E-03	2.42E-04	1.04E+00	6.59E-01	1.31E+02	1.81E-03	1.30E+02	1.30E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NSN416	3.20E-02	3.35E+00	-4.18E-02	3.44E+00	2.46E-06	0.00E+00	2.38E+03	1.85E-04	2.38E-03	2.56E-02	3.72E-03	1.07E+01	4.71E-08	2.40E-07	1.63E+01	4.44E-01	5.47E-03	1.66E-01	4.01E-02	5.65E-01	1.20E+02	3.41E+00	4.78E-07	2.12E-07	1.01E-02	2.47E-04	1.09E+00	1.26E+00	1.26E+02	9.14E-04	1.25E+02	1.31E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NSN420	3.11E-02	2.49E+00	-1.19E-02	2.47E+00	2.20E-06	0.00E+00	2.04E+03	2.35E-04	2.34E-03	2.47E-02	3.99E-03	1.12E+01	2.82E-08	2.37E-07	2.08E+01	6.45E-01	5.53E-03	1.72E-01	4.37E-02	6.43E-01	1.26E+02	2.80E+00	4.04E-07	2.06E-07	1.00E-02	2.76E-04	1.14E+00	6.57E-01	1.30E+02	1.76E-03	1.30E+02	1.30E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NSN425	3.38E-02	2.49E+00	-5.58E-03	2.47E+00	2.21E-06	0.00E+00	1.74E+03	3.66E-04	2.29E-03	2.35E-02	3.99E-03	1.39E+01	2.70E-08	3.47E-07	3.01E+01	9.97E-01	5.52E-03	1.71E-01	4.80E-02	6.48E-01	1.25E+02	2.72E+00	4.20E-07	2.25E-07	1.00E-02	2.77E-04	1.34E+00	6.58E-01	1.30E+02	1.79E-03	1.29E+02	1.30E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+00
NSN432	3.91E-02	2.49E+00	-3.22E-03	2.47E+00	2.33E-06	0.00E+00	1.54E+03	5.05E-04	2.40E-03	2.45E-02	4.13E-03	1.63E+01	2.71E-08	4.15E-07	3.62E+01	1.45E+00	5.58E-03	1.77E-01	5.81E-02	6.47E-01	1.14E+02	2.73E+00	5.12E-07	2.51E-07	1.10E-02	2.93E-04	1.41E+00	6.66E-01	1.19E+02	2.05E-03	1.19E+02	1.20E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NSN440	3.88E-02	2.49E+00	-8.62E-04	2.46E+00	2.32E-06	0.00E+00	1.03E+03	5.02E-04	2.39E-03	2.42E-02	4.10E-03	1.63E+01	2.67E-08	4.12E-07	3.60E+01	1.41E+00	5.54E-03	1.77E-01	5.79E-02	6.45E-01	1.13E+02	2.67E+00	4.53E-07	2.50E-07	1.11E-02	2.94E-04	1.39E+00	5.50E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
NSN450	3.94E-02	2.49E+00	-2.70E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.25E-04	2.41E-03	2.45E-02	4.18E-03	1.65E+01	2.72E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.51E-01	1.13E+02	2.70E+00	5.11E-07	2.53E-07	1.11E-02	2.92E-04	1.43E+00	6.00E-01	1.19E+02	2.10E-03	1.18E+02	1.20E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NSN463	3.93E-02	2.49E+00	-1.13E-03	2.46E+00	2.33E-06	0.00E+00	1.03E+03	5.27E-04	2.41E-03	2.44E-02	4.18E-03	1.65E+01	2.76E-08	4.16E-07	3.70E+01	1.53E+00	5.63E-03	1.77E-01	5.81E-02	6.52E-01	1.13E+02	2.67E+00	5.14E-07	2.52E-07	1.11E-02	2.92E-04	1.41E+00	5.60E-01	1.19E+02	2.13E-03	1.18E+02	1.20E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
NT101C	9.68E-03	1.17E+00	-7.82E-03	1.20E+00	1.33E-07	0.00E+00	8.28E+02	5.07E-05	7.64E-04	8.60E-03	1.04E-03	2.19E+00	1.78E-08	7.88E-08	4.59E+00	1.29E-01	1.41E-03	4.58E-02	1.22E-02	2.14E-01	3.83E+01	1.32E+00	1.55E-07	6.17E-08	3.90E-03	6.55E-05	4.16E-01	2.26E-01	3.93E+01	2.05E-04	3.93E+01	3.96E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	5.25E-01
NT102C	1.03E-02	1.24E+00	-7.47E-03	1.25E+00	1.72E-08	0.00E+00	7.31E+02	4.47E-05	1.23E-03	1.31E-02	1.05E-03	2.14E+00	2.86E-08	8.83E-08	4.33E+00	1.01E-01	1.42E-03	4.73E-02	1.23E-02	1.88E-01	3.94E+01	1.35E+00	1.33E-07	6.59E-08	4.21E-03	5.43E-05	4.41E-01	2.43E-01	4.08E+01	1.34E-04	4.08E+01	4.15E+01	6.84E-01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NT104C	9.74E-03	1.22E+00	-8.24E-03	1.24E+00	1.68E-07	0.00E+00	7.25E+02	5.06E-05	1.04E-03	1.16E-02	1.07E-03	2.19E+00	1.68E-08	8.16E-08	4.54E+00	1.22E-01	1.45E-03	4.75E-02	1.27E-02	2.23E-01	3.80E+01	1.32E+00	1.55E-07	6.25E-08	3.86E-03	6.85E-05	4.24E-01	2.65E-01	3.87E+01	1.55E-04	3.87E+01	3.90E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NT106C	9.35E-03	1.19E+00	-1.75E-02	1.18E+00	2.27E-07	0.00E+00	7.36E+02	4.70E-05	1.04E-03	1.11E-02	1.05E-03	2.18E+00	1.58E-08	6.74E-08	4.37E+00	1.04E-01	1.43E-03	5.12E-02	1.21E-02	2.13E-01	3.87E+01	1.37E+00	1.61E-07	5.87E-08	3.71E-03	6.91E-05	3.92E-01	3.97E-01	3.99E+01	2.86E-04	4.00E+01	4.02E+01	6.91E-01	0.00E+00	0.00E+00	0.00E+00	5.12E-01
NT110C	7.99E-03	1.17E+00	-9.26E-03	1.16E+00	1.99E-07	0.00E+00	6.89E+02	3.88E-05	9.80E-04	1.07E-02	9.33E-04	1.83E+00	1.55E-08	5.47E-08	4.02E+00	7.94E-02	1.28E-03	4.71E-02	1.09E-02	1.88E-01	3.78E+01	1.21E+00	1.55E-07	5.42E-08	3.65E-03	6.53E-05	3.12E-01	2.45E-01	3.87E+01	2.43E-04	3.87E+01	3.92E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	4.51E-01
NT116C	8.06E-03	1.18E+00	-9.30E-03	1.16E+00	1.99E-07	0.00E+00	6.89E+02	3.96E-05	9.82E-04	1.07E-02	9.36E-04	1.94E+00	1.58E-08	5.63E-08	4.01E+00	8.59E-02	1.29E-03	4.72E-02	1.11E-02	1.90E-01	3.80E+01	1.20E+00	1.55E-07	5.48E-08	3.66E-03	6.56E-05	3.21E-01	2.61E-01	3.88E+01	2.43E-04	3.88E+01	3.93E+01	6.42E-01	0.00E+00	0.00E+00	0.00E+00	4.62E-01
NT120C	8.67E-03	1.19E+00	-9.49E-03	1.18E+00	3.21E-07	0.00E+00	6.92E+02	4.50E-05	9.55E-04	1.05E-02	9.54E-04	1.97E+00	1.54E-07	5.90E-08	4.10E+00	1.20E-01	1.32E-03	5.10E-02	1.14E-02	2.14E-01	3.74E+01	1.28E+00	1.70E-07	5.66E-08	3.72E-03	6.82E-05	3.46E-01	3.20E-01	3.83E+01	2.59E-04	3.84E+01	3.87E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-01
NT125C	9.94E-03	1.26E+00	-8.55E-03	1.27E+00	3.06E-07	0.00E+00	7.25E+02	5.36E-05	9.92E-04	1.07E-02	1.05E-03	2.16E+00	1.91E-07	7.10E-08	4.50E+00	1.52E-01	1.45E-03	5.12E-02	1.33E-02	2.28E-01	3.76E+01	1.38E+00	1.77E-07	6.21E-08	3.69E-03	6.57E-05	4.30E-01	3.21E-01	3.81E+01	1.58E-04	3.81E+01	3.83E+01	7.39E-01	0.00E+00	0.00E+00	0.00E+00	5.64E-01
NT132C	1.26E-02	1.33E+00	-3.97E-03	1.33E+00	7.55E-08	0.00E+00	7.14E+02	1.21E-04	9.37E-04	9.91E-03	1.03E-03	3.26E+00	1.73E-07	1.13E-07	6.88E+00	2.88E-01	1.40E-03	4.46E-02	2.60E-02	2.39E-01	3.79E+01	1.31E+00	1.91E-07	7.81E-08	3.82E-03	6.89E-05	4.76E-01	2.42E-01	3.92E+01	1.62E-04	3.92E+01	3.99E+01	7.18E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NT140C	1.17E-02	1.29E+00	-4.32E-03	1.30E+00	3.27E-07	0.00E+00	7.32E+02	9.88E-05	9.47E-04	1.02E-02	1.07E-03	2.98E+00	2.09E-07	1.05E-07	5.93E+00	2.77E-01	1.49E-03	5.14E-02	2.50E-02	2.32E-01	3.63E+01	1.37E+00	1.87E-07	7.36E-08	3.72E-03	7.04E-05	5.03E-01	3.67E-01	3.73E+01	1.64E-04	3.73E+01	3.76E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NT150C	1.40E-02	1.28E+00	-1.40E-03	1.27E+00	6.57E-07	0.00E+00	7.23E+02	1.02E-04	9.78E-04	1.07E-02	1.12E-03	4.02E+00	1.58E-08	1.21E-07	7.00E+00	2.84E-01	1.50E-03	5.07E-02	2.61E-02	2.41E-01	3.49E+01	1.38E+00	2.15E-07	8.90E-08	3.97E-03	8.06E-05	5.47E-01	3.18E-01	3.58E+01	3.40E-04	3.59E+01	3.61E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NT163C	1.48E-02	1.32E+00	-1.23E-03	1.32E+00	7.22E-07	0.00E+00	7.27E+02	1.53E-04	9.80E-04	1.08E-02	1.13E-03	6.45E+00	1.58E-08	1.53E-07	1.37E+01	4.20E-01	1.52E-03	5.08E-02	2.65E-02	2.42E-01	3.54E+01	1.39E+00	2.21E-07	9.38E-08	3.98E-03	8.16E-05	5.80E-01	3.67E-01	3.63E+01	3.86E-04	3.63E+01	3.66E+01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NT201C	2.26E-02	2.42E+00	-1.69E-02	2.37E+00	4.12E-07	0.00E+00	1.11E+03	6.02E-05	1.35E-03	1.44E-02	2.03E-03	2.30E+00	1.80E-08	1.01E-07	4.84E+00	1.56E-01	2.82E-03	8.64E-02	3.07E-02	4.33E-01	7.03E+01	1.64E+00	2.87E-07	1.39E-07	7.29E-03	1.45E-04	6.87E-01	4.70E-01	7.27E+01	2.45E-04	7.27E+01	7.36E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NT202C	2.25E-02	2.44E+00	-2.07E-02	2.40E+00	8.12E-07	0.00E+00	1.39E+03	6.30E-05	1.87E-03	1.97E-02	2.04E-03	2.31E+00	2.21E-08	1.04E-07	4.86E+00	1.56E-01	2.86E-03	8.66E-02	3.07E-02	4.38E-01	7.07E+01	2.16E+00	3.07E-07	1.38E-07	7.37E-03	1.47E-04	7.00E-01	4.99E-01	7.23E+01	2.41E-04	7.25E+01	7.37E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NT204C	2.22E-02	2.38E+00	-7.64E-03	2.32E+00	3.79E-07	0.00E+00	1.10E+03	8.14E-05	1.34E-03	1.44E-02	1.94E-03	3.25E+00	1.81E-08	1.30E-07	6.35E+00	1.85E-01	2.72E-03	8.63E-02	3.08E-02	4.30E-01	7.03E+01	1.57E+00	2.87E-07	1.38E-07	7.28E-03	1.44E-04	7.96E-01	3.59E-01	7.27E+01	2.13E-04	7.22E+01	7.29E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NT206C	2.15E-02	2.39E+00	-2.31E-02	2.37E+00	5.48E-07	0.00E+00	1.43E+03	5.92E-05	1.98E-03	2.14E-02	1.96E-03	2.30E+00	2.31E-08	9.23E-08	4.71E+00	1.41E-01	2.75E-03	8.96E-02	2.47E-02	4.26E-01	7.04E+01	2.15E+00	3.04E-07	1.36E-07	7.14E-03	1.51E-04	8.31E-01	5.44E-01	7.25E+01	3.33E-04	7.27E+01	7.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NT210C	1.53E-02	2.16E+00	-2.08E-02	2.19E+00	2.82E-07	0.00E+00	1.45E+03	6.38E-05	1.97E-03	2.11E-02	1.81E-03	2.49E+00	1.87E-08	8.20E-08	5.18E+00	1.27E-01	2.49E-03	8.54E-02	1.87E-02	3.84E-01	7.00E+01	2.06E+00	2.64E-07	1.09E-07	6.15E-03	1.29E-04	6.53E-01	4.69E-01	7.18E+01	2.71E-04	7.18E+01	7.38E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-01
NT216C	1.82E-02	2.14E+00	-2.23E-02	2.17E+00	1.77E-08	0.00E+00	1.37E+03	5.15E-05	2.16E-03	2.36E-02	1.91E-03	2.34E+00	4.21E-08	7.36E-08	4.45E+00	1.06E-01	2.58E-03	8.52E-02	1.89E-02	4.31E-01	7.14E+01	1.90E+00	2.63E-07	1.14E-07	7.40E-03	1.20E-04	6.21E-01	4.69E-01	7.33E+01	1.97E-04	7.33E+01	7.44E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01
NT220C	2.09E-02	2.22E+00	-3.26E-02	2.27E+00	6.12E-07	0.00E+00	1.48E+03	1.23E-04	1.97E-03	2.14E-02	1.95E-03	3.62E+00	2.11E-07	1.12E-07	7.67E+00	2.93E-01	2.74E-03	8.94E-02	2.67E-02	4.30E-01	7.00E+01	2.16E+00	2.88E-07	1.31E-07	7.13E-03	1.29E-04	8.75E-01	6.95E-01	7.16E+01	3.05E-04	7.16E+01	7.31E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NT225C	2.32E-02	2.49E+00	-2.89E-02	2.47E+00	9.36E-07	0.00E+00	1.45E+03	1.94E-04	1.90E-03	2.03E-02	2.07E-03	6.79E+00	2.95E-07	2.08E-07	1.50E+01	4.54E-01	2.83E-03	8.94E-02	3.15E-02	4.47E-01	7.07E+01	2.37E+00	3.06E-07	1.38E-07	7.39E-03	1.49E-04	1.02E+00	6.33E-01	7.26E+01	2.56E-04	7.28E+01	7.43E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NT232C	2.41E-02	2.52E+00	-2.43E-02	2.51E+00	9.47E-07	0.00E+00	1.47E+03	1.98E-04	1.90E-03	2.03E-02	2.08E-03	6.88E+00	3.14E-07	2.18E-07	1.51E+01	4.80E-01	2.85E-03	8.94E-02	3.84E-02	4.63E-01	7.08E+01	2.60E+00	3.16E-07	1.45E-07	7.40E-03	1.51E-04	1.03E+00	5.46E-01	7.28E+01	2.66E-04	7.31E+01	7.43E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NT240C	2.42E-02	2.47E+00	-1.74E-02	2.49E+00	1.27E-06	0.00E+00	1.47E+03	2.31E-04	1.81E-03	1.97E-02	2.09E-03	7.09E+00	3.47E-07	2.30E-07	1.52E+01	5.35E-01	2.87E-03	9.03E-02	4.38E-02	4.69E-01	6.94E+01	2.63E+00	4.15E-07	1.46E-07	7.30E-03	1.47E-04	1.00E+00	5.45E-01	7.18E+01	2.77E-04	7.21E+01	7.35E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NT250C	2.62E-02	2.48E+00	-7.10E-03	2.49E+00	1.24E-06	0.00E+00	1.45E+03	2.20E-04	1.81E-03	1.99E-02	2.18E-03	8.13E+00	2.21E-08	2.41E-07	1.70E+01	4.95E-01	2.98E-03	8.70E-02	4.94E-02	4.64E-01	6.89E+01	2.55E+00	3.29E-07	1.66E-07	7.53E-03	1.68E-04	9.67E-01	4.96E-01	7.13E+01	4.69E-04	7.15E+01	7.28E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
NT263C	3.13E-02	2.49E+00	-4.29E-03	2.50E+00	1.24E-06	0.00E+00	1.48E+03	2.25E-04	1.86E-03	2.03E-02	2.20E-03	1.16E+01	2.26E-08	2.96E-07	2.01E+01	5.20E-01	3.05E-03	9.00E-02	5.20E-02	4.73E-01	6.90E+01	2.67E+00	4.45E-07	1.89E-07	7.67E-03	1.70E-04	1.25E+00	5.48E-01	7.14E+01	5.39E-04	7.15E+01	7.29E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
NT301C	2.74E-02	2.46E+00	-1.82E-02	2.45E+00	1.10E-06	0.00E+00	1.86E+03	8.80E-05	2.26E-03	2.30E-02	3.07E-03	3.36E+00	1.92E-08	1.51E-07	7.24E+00	1.97E-01	4.16E-03	1.23E-01	4.98E-02	5.94E-01	9.94E+01	2.87E+00	4.56E-07	1.75E-07	1.00E-02	1.97E-04	9.20E-01	5.85E-01	1.03E+02	4.37E-04	1.03E+02	1.05E+02	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NT302C	2.77E-02	3.17E+00	-3.18E-02	3.22E+00	1.31E-06	0.00E+00	2.13E+03	1.16E-04	2.56E-03	2.72E-02	3.17E-03	3.96E+00	3.64E-08	1.78E-07	8.34E+00	2.84E-01	4.29E-03	1.26E-01	5.13E-02	6.27E-01	1.01E+02	3.72E+00	4.92E-07	1.88E-07	1.03E-02	2.27E-04	1.08E+00	8.55E-01	1.04E+02	4.45E-04	1.05E+02	1.07E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
NT304C	2.76E-02	3.14E+00	-3.04E-02	3.19E+00	1.31E-06	0.00E+00	2.14E+03	1.47E-04	2.56E-03	2.71E-02	3.13E-03	7.61E+00	2.59E-08	2.09E-07	1.69E+01	3.56E-01	4.23E-03	1.26E-01	5.11E-02	6.08E-01	1.02E+02	3.73E+00	4.47E-07	1.77E-07	1.03E-02	2.08E-04	1.13E+00	7.71E-01	1.04E+02	4.23E-04	1.05E+02	1.07E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
NT306C	2.55E-02	3.10E+00	-3.36E-02	3.16E+00	1.18E-06	0.00E+00	2.08E+03	1.10E-04	2.55E-03	2.80E-02	2.99E-03	4.06E+00	2.68E-08	1.74E-07	8.19E+00	2.59E-01	4.05E-03	1.26E-01	4.99E-02	5.67E-01	1.04E+02	3.62E+00	4.37E-07	1.73E-07	9.73E-03	2.10E-04	1.02E+00	8.12E-01	1.06E+02	4.85E-04	1.07E+02	1.09E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NT310C	2.25E-02	3.09E+00	-3.45E-02	3.12E+00	8.66E-07	0.00E+00	2.03E+03	1.53E-04	2.53E-03	2.79E-02	2.79E-03	6.27E+00	2.54E-08	1.67E-07	1.38E+01	3.54E-01	3.80E-03	1.25E-01	2.63E-02	4.81E-01	1.02E+02	3.16E+00	4.05E-07	1.53E-07	9.22E-03	1.88E-04	1.01E+00	7.55E-01	1.04E+02	4.07E-04	1.05E+02	1.06E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NT316C	2.41E-02	3.09E+00	-3.36E-02	3.12E+00	8.86E-07	0.00E+00	2.03E+03	1.68E-04	2.62E-03	2.89E-02	2.83E-03	6.57E+00	2.72E-08	1.78E-07	1.41E+01	3.80E-01	3.84E-03	1.26E-01	2.89E-02	4.89E-01	1.02E+02	3.37E+00	4.05E-07	1.56E-07	9.48E-03	1.89E-04	1.07E+00	8.04E-01	1.03E+02	4.25E-04	1.04E+02	1.07E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
NT320C	2.83E-02	3.14E+00	-2.61E-02	3.16E+00	1.59E-07	0.00E+00	2.05E+03	2.26E-04	3.24E-03	3.55E-02	2.81E-03	6.39E+00	4.88E-07	1.61E-07	1.36E+01	4.79E-01	3.80E-03	1.26E-01	2.89E-02	5.54E-01	9.55E+01	2.85E+00	4.17E-07	1.83E-07	1.11E-02	1.89E-04	1.25E+00	6.97E-01	9.84E+01	3.44E-04	9.84E+01	1.00E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NT325C	2.89E-02	3.38E+00	-2.90E-02	3.37E+00	1.15E-06	0.00E+00	2.15E+03	2.33E-04	2.74E-03	2.94E-02	3.14E-03	8.39E+00	4.63E-07	2.53E-07	1.79E+01	4.97E-01	4.25E-03	1.27E-01	5.40E-02	6.24E-01	1.03E+02	3.74E+00	4.60E-07	1.95E-07	1.09E-02	2.10E-04	1.25E+00	8.50E-01	1.04E+02	4.38E-04	1.05E+02	1.08E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
NT332C	3.76E-02	3.91E+00	-1.30E-02	3.92E+00	2.27E-07	0.00E+00	2.13E+03	3.64E-04	2.76E-03	2.93E-02	3.00E-03	9.78E+00	4.92E-07	3.36E-07	2.07E+01	8.66E-01	4.06E-03	1.28E-01	7.71E-02	7.36E-01	1.09E+02	3.95E+00	5.77E-07	2.35E-07	1.13E-02	2.31E-04	1.47E+00	7.16E-01	1.13E+02	4.95E-04	1.13E+02	1.15E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+00
NT340C	3.81E-02	3.95E+00	-1.27E-02	3.97E+00	2.27E-07	0.00E+00	2.13E+03	3.64E-04	2.81E-03	2.98E-02	3.00E-03	9.80E+00	4.93E-07	3.37E-07	2.07E+01	8.66E-01	4.07E-03	1.28E-01	7.75E-02	7.51E-01	1.10E+02	3.97E+00	6.57E-07	2.37E-07	1.15E-02	2.32E-04	1.48E+00	7.17E-01	1.14E+02	3.75E-04	1.14E+02	1.16E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+00
NT350C	4.73E-02	4.08E+00	2.74E-03	4.08E+00	1.56E-07	0.00E+00	2.12E+03	3.32E-04	3.04E-03	3.25E-02	3.19E-03	1.75E+01	4.54E-08	4.54E-07	3.51E+01	8.95E-01	4.32E-03	1.24E-01	8.77E-02	8.30E-01	1.08E+02	3.94E+00	7.07E-07	3.02E-07	1.28E-02	2.82E-04	1.76E+00	7.36E-01	1.12E+02	1.04E-03	1.12E+02	1.14E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+00
NT363C	4.64E-02	4.07E+00	2.95E-03	4.07E+00	1.55E-07	0.00E+00	2.12E+03	3.31E-04	3.03E-03	3.23E-02	3.18E-03	1.76E+01	4.07E-08	4.52E-07	3.54E+01	8.93E-01	4.31E-03	1.24E-01	8.61E-02	7.70E-01	1.08E+02	3.94E+00	7.08E-07	2.97E-07	1.27E-02	2.81E-04	1.77E+00	7.34E-01	1.12E+02	1.04E-03	1.12E+02	1.14E+02	2.50E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
VKS01SG	8.98E-03	9.21E-01	-8.65E-03	9.30E-01	9.08E-07	0.00E+00	7.51E+02	1.17E-05	6.11E-04	6.78E-03	0.00E+00	4.37E+00	3.36E-08	8.61E-08	3.65E+00	8.21E-03	1.45E-03	6.39E-02	1.44E-02	2.03E-01	3.14E+01	1.46E+00	1.78E-07	6.22E-08	2.54E-03	5.02E-05	9.05E-01	3.08E-01	3.28E+01	2.05E-04	3.28E+01	3.41E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-01
VKS03SF	1.82E-02	1.85E+00	-4.66E-02	1.90E+00	1.58E-06	0.00E+00	1.51E+03	2.42E-05	1.28E-03	1.41E-02	0.00E+00	8.73E+00	7.20E-08	1.72E-07	5.77E+00	1.62E-02	3.15E-03	1.28E-01	2.89E-02	4.30E-01	6.43E+01	2.95E+00	3.56E-07	1.27E-07	5.21E-03	1.11E-04	1.81E+00	1.05E+00	6.72E+01	4.09E-04	6.72E+01	7.01E+01	2.86E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
VKS04SD	3.42E-02	3.11E+00	-9.05E-02	3.20E+00	2.54E-06	0.00E+00	2.50E+03	3.79E-05	2.18E-03	2.40E-02	0.00E+00	1.35E+01	1.66E-07	2.66E-07	5.92E+00	2.75E-02	5.98E-03	1.92E-01	4.49E-02	8.17E-01	1.06E+02	4.82E+00	8.06E-07	2.37E-07	9.11E-03	2.27E-04	2.72E+00	1.95E+00	1.10E+02	5.38E-04	1.10E+02	1.15E+02	4.67E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
VKS05SK	4.27E-02	3.29E+00	-7.28E-02	3.36E+00	2.55E-06	0.00E+00	2.50E+03	4.04E-05	2.30E-03	2.54E-02	0.00E+00	1.98E+01	2.01E-07	3.78E-07	6.04E+00	7.63E-02	6.47E-03	2.08E-01	5.81E-02	8.32E-01	1.06E+02	4.78E+00	7.26E-07	2.88E-07	9.93E-03	2.36E-04	3.14E+00	1.99E+00	1.11E+02	6.18E-04	1.11E+02	1.16E+02	5.13E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+00
VKS06SV	2.42E-02	1.80E+00	-8.74E-02	1.89E+00	1.58E-06	0.00E+00	1.44E+03	2.44E-05	1.38E-03	1.51E-02	0.00E+00	1.36E+01	8.91E-08	2.57E-07	6.64E+00	1.66E-02	3.65E-03	1.35E-01	3.38E-02	4.57E-01	5.99E+01	2.72E+00	3.77E-07	1.65E-07	5.81E-03	1.29E-04	1.89E+00	1.69E+00	6.26E+01	5.09E-04	6.26E+01	6.62E+01	3.58E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
VKS08SC	4.29E-02	3.30E+00	-1.08E-01	3.41E+00	2.55E-06	0.00E+00	2.50E+03	4.11E-05	2.36E-03	2.60E-02	0.00E+00	1.98E+01	2.08E-07	3.78E-07	7.98E+00	7.68E-02	6.78E-03	2.09E-01	5.84E-02	8.54E-01	1.07E+02	4.84E+00	7.28E-07	2.91E-07	1.01E-02	2.45E-04	3.17E+00	2.44E+00	1.12E+02	6.18E-04	1.12E+02	1.18E+02	5.61E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
VKS12SJ	9.01E-03	9.17E-01	-1.91E-02	9.36E-01	9.09E-07	0.00E+00	7.51E+02	1.18E-05	6.23E-04	6.87E-03	0.00E+00	4.37E+00	3.53E-08	8.62E-08	3.70E+00	8.22E-03	1.51E-03	6.40E-02	1.45E-02	2.08E-01	3.14E+01	1.38E+00	1.78E-07	6.25E-08	2.56E-03	5.27E-05	8.78E-01	4.38E-01	3.28E+01	2.05E-04	3.28E+01	3.41E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-01
VKS13SH	1.19E-02	1.01E+00	-4.05E-02	1.00E+00	1.38E-06	0.00E+00	1.16E+03	1.22E-04	7.52E-04	8.38E-03	8.78E-04	6.40E+00	4.79E-08	1.53E-07	1.10E+01	2.63E-01	1.31E-03	6.17E-02	1.85E-02	2.05E-01	3.37E+01	1.41E+00	2.83E-07	7.73E-08	2.88E-03	6.43E-05	8.96E-01	8.08E-01	3.47E+01	3.48E-04	3.47E+01	3.75E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Y1106	8.63E-03	9.82E-01	-9.61E-03	1.02E+00	9.12E-07	0.00E+00	6.19E+02	7.33E-05	6.44E-04	6.78E-03	1.01E-03	2.21E+00	8.82E-08	6.97E-08	5.15E+00	1.31E-01	1.37E-03	5.11E-02	1.77E-02	1.84E-01	3.56E+01	1.07E+00	3.02E-07	5.66E-08	2.80E-03	6.02E-05	3.05E-01	2.22E-01	3.68E+01	2.59E-04	3.68E+01	4.01E+01	6.64E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-01
Y11101	5.06E-03	7.89E-01	-1.03E-02	8.03E-01	4.47E-07	0.00E+00	6.70E+02	2.78E-05	4.85E-04	5.33E-03	7.97E-04	1.06E+00	1.84E-08	2.89E-08	2.24E+00	7.04E-02	1.07E-03	3.63E-02	5.94E-03	7.96E-02	2.58E+01	9.31E-01	9.37E-08	3.23E-08	1.89E-03	2.42E-05	1.81E-01	2.04E-01	2.64E+01	1.31E-04	2.64E+01	2.67E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-01
Y11161	5.07E-03	7.89E-01	-1.03E-02	8.03E-01	4.47E-07	0.00E+00	6.76E+02	2.79E-05	4.86E-04	5.34E-03	7.97E-04	1.06E+00	1.84E-08	2.89E-08	2.25E+00	7.18E-02	1.06E-03	3.63E-02	5.93E-03	7.94E-02	2.58E+01	9.32E-01	9.38E-08	3.24E-08	1.90E-03	2.41E-05	1.81E-01	2.04E-01	2.64E+01	1.32E-04	2.64E+01	2.67E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-01
Y11201	5.06E-03	7.89E-01	-1.03E-02	8.03E-01	4.47E-07	0.00E+00	6.70E+02	2.78E-05	4.86E-04	5.34E-03	7.97E-04	1.06E+00	1.84E-08	2.89E-08	2.24E+00	7.18E-02	1.06E-03	3.63E-02	5.93E-03	7.94E-02	2.58E+01	9.31E-01	9.37E-08	3.23E-08	1.89E-03	2.41E-05	1.81E-01	2.04E-01	2.64E+01	1.32E-04	2.64E+01	2.67E+01	4.11E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-01
Y1125	8.23E-03	1.07E+00	-9.66E-03	1.15E+00	9.04E-07	0.00E+00	6.16E+02	7.60E-05	6.13E-04	6.63E-03	9.43E-04	2.32E+00	1.67E-07	6.86E-08	4.54E+00	1.44E-01	1.28E-03	5.27E-02	1.76E-02	1.78E-01	3.61E+01	1.09E+00	3.26E-07	5.59E-08	2.82E-03	6.13E-05	3.53E-01	2.21E-01	3.67E+01	2.13E-04	3.67E+01	4.03E+01	6.44E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
Y1132	1.03E-02	1.08E+00	-3.28E-03	1.13E+00	9.07E-07	0.00E+00	4.52E+02	1.29E-04	6.48E-04	7.18E-03	1.00E-03	4.60E+00	1.80E-07	1.21E-07	8.33E+00	3.13E-01	1.37E-03	4.86E-02	1.69E-02	1.99E-01	3.54E+01	1.10E+00	1.75E-07	6.58E-08	3.04E-03	6.50E-05	5.49E-01	2.27E-01	3.68E+01	3.33E-03	3.67E+01	3.74E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
Y1140	1.04E-02	1.08E+00	-3.23E-03	1.13E+00	9.08E-07	0.00E+00	4.46E+02	1.29E-04	6.49E-04	7.19E-03	1.00E-03	4.59E+00	1.80E-07	1.21E-07	8.32E+00	3.13E-01	1.37E-03	4.90E-02	1.71E-02	1.99E-01	3.52E+01	1.09E+00	1.75E-07	6.58E-08	3.05E-03	6.51E-05	5.49E-01	2.27E-01	3.64E+01	3.33E-03	3.63E+01	3.76E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	7.76E-01
Y1150	1.26E-02	1.04E+00	-1.70E-03	1.08E+00	9.20E-07	0.00E+00	4.49E+02	1.34E-04	6.77E-04	7.52E-03	1.10E-03	4.92E+00	1.67E-08	1.28E-07	9.03E+00	3.45E-01	1.49E-03	4.65E-02	1.71E-02	2.08E-01	3.29E+01	1.10E+00	1.57E-07	8.27E-08	3.15E-03	7.60E-05	5.16E-01	2.31E-01	3.42E+01	3.33E-03	3.42E+01	3.46E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	7.95E-01
Y1163	1.32E-02	1.08E+00	-1.83E-03	1.14E+00	9.15E-07	0.00E+00	4.52E+02	1.68E-04	6.66E-04	7.48E-03	1.05E-03	6.16E+00	1.71E-08	1.48E-07	1.31E+01	4.50E-01	1.44E-03	4.67E-02	1.84E-02	2.10E-01	3.39E+01	1.11E+00	1.60E-07	8.59E-08	3.14E-03	7.52E-05	5.72E-01	2.31E-01	3.49E+01	3.34E-03	3.48E+01	3.55E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	8.71E-01
Y1206	9.91E-03	1.31E+00	-1.06E-02	1.46E+00	1.25E-06	0.00E+00	1.16E+03	8.02E-05	1.14E-03	1.22E-02	1.62E-03	2.33E+00	9.42E-08	7.01E-08	5.28E+00	1.47E-01	2.21E-03	6.80E-02	1.89E-02	2.09E-01	4.61E+01	1.50E+00	4.99E-07	6.42E-08	4.58E-03	7.27E-05	4.17E-01	2.72E-01	4.76E+01	3.82E-04	4.75E+01	5.02E+01	7.71E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01
Y12101	7.09E-03	8.52E-01	-1.01E-02	8.41E-01	9.15E-07	0.00E+00	1.10E+03	4.15E-05	5.42E-04	6.14E-03	9.61E-04	1.12E+00	1.88E-08	3.24E-08	2.79E+00	9.96E-02	1.07E-03	4.68E-02	7.20E-03	7.57E-02	2.59E+01	9.39E-01	3.97E-07	4.76E-08	2.05E-03	2.23E-05	2.69E-01	2.26E-01	2.66E+01	1.61E-04	2.66E+01	2.68E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-01
Y12161	8.15E-03	8.54E-01	-5.33E-03	8.42E-01	9.55E-07	0.00E+00	1.10E+03	1.07E-04	5.48E-04	6.36E-03	9.41E-04	3.77E+00	2.28E-08	9.65E-08	6.76E+00	2.48E-01	1.07E-03	4.68E-02	1.38E-02	7.60E-02	2.61E+01	9.39E-01	3.92E-07	5.52E-08	2.08E-03	2.23E-05	4.66E-01	2.26E-01	2.67E+01	1.87E-04	2.67E+01	2.68E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
Y1220	1.82E-02	2.05E+00	-5.27E-03	2.08E+00	1.30E-06	0.00E+00	1.16E+03	1.46E-04	1.30E-03	1.37E-02	1.73E-03	5.06E+00	1.92E-07	1.36E-07	9.25E+00	3.15E-01	2.47E-03	1.08E-01	2.99E-02	3.60E-01	6.96E+01	1.48E+00	5.69E-07	1.23E-07	6.36E-03	1.34E-04	7.19E-01	2.75E-01	7.04E+01	4.08E-04	7.00E+01	7.35E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
Y1225	1.86E-02	2.08E+00	-5.27E-03	2.10E+00	1.29E-06	0.00E+00	1.14E+03	1.80E-04	1.32E-03	1.38E-02	1.84E-03	6.55E+00	2.27E-07	1.65E-07	1.33E+01	3.81E-01	2.48E-03	1.08E-01	3.42E-02	3.61E-01	6.95E+01	1.46E+00	5.92E-07	1.24E-07	6.35E-03	1.35E-04	7.18E-01	2.75E-01	7.01E+01	4.31E-04	7.00E+01	7.32E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
Y1232	2.13E-02	2.15E+00	-1.91E-02	2.17E+00	1.48E-06	0.00E+00	1.01E+03	1.93E-04	1.72E-03	1.80E-02	2.08E-03	6.51E+00	2.70E-07	1.77E-07	1.32E+01	5.65E-01	2.84E-03	1.03E-01	3.43E-02	3.92E-01	6.85E+01	2.29E+00	4.42E-07	1.39E-07	6.73E-03	1.52E-04	7.08E-01	5.59E-01	6.91E+01	4.42E-03	6.95E+01	7.06E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00

	Y1240	2.21E-02	2.09E+00	-3.15E-03	2.08E+00	1.30E-06	0.00E+00	7.44E+02	2.36E-04	1.34E-03	1.38E-02	1.94E-03	6.81E+00	2.69E-07	1.92E-07	1.40E+01	6.35E-01	2.69E-03	1.02E-01	3.92E-02	3.90E-01	6.88E+01	1.45E+00	4.54E-07	1.43E-07	6.63E-03	1.52E-04	7.82E-01	2.80E-01	6.98E+01	4.07E-03	6.96E+01	7.05E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
	Y1250	2.31E-02	2.08E+00	-2.75E-03	2.07E+00	1.54E-06	0.00E+00	7.10E+02	2.26E-04	1.38E-03	1.44E-02	2.03E-03	7.47E+00	2.25E-08	1.90E-07	1.43E+01	6.50E-01	2.83E-03	1.09E-01	3.93E-02	3.85E-01	6.75E+01	1.43E+00	4.53E-07	1.52E-07	6.85E-03	1.59E-04	8.37E-01	2.81E-01	6.98E+01	4.14E-03	6.95E+01	6.98E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
	Y1263	2.76E-02	2.08E+00	-2.79E-03	2.06E+00	1.45E-06	0.00E+00	7.11E+02	2.34E-04	1.35E-03	1.40E-02	2.03E-03	1.05E+01	2.19E-08	2.45E-07	1.68E+01	6.44E-01	2.82E-03	1.02E-01	4.09E-02	3.93E-01	6.61E+01	1.44E+00	4.31E-07	1.72E-07	6.91E-03	1.60E-04	1.02E+00	2.76E-01	6.81E+01	4.12E-03	6.78E+01	6.85E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
	Y1306	1.90E-02	2.08E+00	-1.06E-02	2.09E+00	1.62E-06	0.00E+00	1.17E+03	1.35E-04	1.35E-03	1.41E-02	2.45E-03	5.09E+00	1.08E-07	1.35E-07	8.05E+00	2.95E-01	3.32E-03	1.05E-01	3.21E-02	3.83E-01	7.02E+01	2.84E+00	5.13E-07	1.30E-07	6.38E-03	1.38E-04	7.55E-01	4.68E-01	7.02E+01	4.64E-04	6.98E+01	7.40E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
	Y13101	7.80E-03	9.14E-01	-7.96E-03	8.74E-01	1.09E-06	0.00E+00	1.14E+03	9.10E-05	7.99E-04	8.85E-03	9.55E-04	4.16E+00	2.41E-08	9.30E-08	5.36E+00	1.97E-01	1.06E-03	4.78E-02	1.43E-02	7.80E-02	2.63E+01	9.39E-01	4.00E-07	5.57E-08	2.19E-03	2.25E-05	5.31E-01	2.82E-01	2.66E+01	2.01E-04	2.66E+01	2.68E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-01
	Y13161	1.01E-02	9.14E-01	-6.79E-03	8.74E-01	1.11E-06	0.00E+00	1.12E+03	1.44E-04	8.07E-04	8.88E-03	9.53E-04	5.96E+00	2.42E-08	1.30E-07	1.23E+01	3.29E-01	1.06E-03	4.78E-02	1.61E-02	7.83E-02	2.63E+01	9.39E-01	3.90E-07	6.63E-08	2.19E-03	2.25E-05	5.59E-01	2.82E-01	2.66E+01	2.07E-04	2.66E+01	2.68E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01
	Y1320	2.58E-02	2.56E+00	-8.80E-03	2.60E+00	1.84E-06	0.00E+00	1.04E+03	1.89E-04	2.25E-03	2.27E-02	2.98E-03	6.68E+00	3.12E-07	1.79E-07	1.33E+01	4.02E-01	4.08E-03	1.25E-01	3.93E-02	5.48E-01	1.01E+02	2.84E+00	5.66E-07	1.72E-07	8.68E-03	2.11E-04	7.94E-01	5.08E-01	1.07E+02	5.47E-04	1.06E+02	1.15E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
	Y13201	1.01E-02	9.14E-01	-6.77E-03	8.74E-01	1.14E-06	0.00E+00	1.05E+03	1.56E-04	8.07E-04	8.90E-03	9.47E-04	6.07E+00	2.43E-08	1.41E-07	1.25E+01	3.43E-01	1.06E-03	4.79E-02	1.69E-02	7.83E-02	2.63E+01	9.46E-01	4.04E-07	6.71E-08	2.19E-03	2.25E-05	6.03E-01	2.82E-01	2.66E+01	2.51E-04	2.66E+01	2.68E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	7.25E-01
	Y1325	2.73E-02	2.57E+00	-8.89E-03	2.60E+00	1.79E-06	0.00E+00	1.04E+03	1.98E-04	2.23E-03	2.25E-02	2.98E-03	6.84E+00	3.26E-07	1.87E-07	1.35E+01	4.17E-01	4.08E-03	1.25E-01	4.25E-02	5.98E-01	1.01E+02	2.85E+00	5.84E-07	1.88E-07	9.16E-03	2.15E-04	7.90E-01	5.08E-01	1.07E+02	6.06E-04	1.06E+02	1.15E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
	Y1340	3.39E-02	2.52E+00	-6.20E-03	2.51E+00	1.76E-06	0.00E+00	7.20E+02	4.05E-04	2.15E-03	2.21E-02	3.00E-03	1.16E+01	3.57E-07	3.18E-07	2.50E+01	1.05E+00	4.04E-03	1.19E-01	4.53E-02	6.17E-01	8.93E+01	2.58E+00	5.55E-07	2.18E-07	9.20E-03	2.06E-04	1.24E+00	5.12E-01	9.23E+01	6.01E-03	9.21E+01	9.35E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+00
	Y1350	3.90E-02	2.52E+00	-5.39E-03	2.48E+00	2.08E-06	0.00E+00	7.19E+02	3.92E-04	2.23E-03	2.28E-02	3.20E-03	1.68E+01	3.13E-08	4.01E-07	3.52E+01	1.05E+00	4.29E-03	1.18E-01	4.76E-02	5.94E-01	8.79E+01	2.50E+00	5.28E-07	2.39E-07	9.58E-03	2.33E-04	1.40E+00	5.18E-01	9.12E+01	6.07E-03	9.10E+01	9.30E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
	Y1363	4.06E-02	3.12E+00	-8.60E-03	3.13E+00	2.29E-06	0.00E+00	1.18E+03	3.71E-04	2.51E-03	2.74E-02	3.32E-03	1.70E+01	4.63E-08	4.13E-07	3.53E+01	9.88E-01	4.48E-03	1.29E-01	5.04E-02	6.45E-01	8.88E+01	2.62E+00	5.77E-07	2.56E-07	1.02E-02	2.61E-04	1.33E+00	9.24E-01	9.22E+01	6.27E-03	9.23E+01	9.38E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
	Y1406	2.61E-02	2.59E+00	-1.01E-02	2.63E+00	2.14E-06	0.00E+00	1.18E+03	1.48E-04	2.23E-03	2.25E-02	3.37E-03	5.75E+00	1.31E-07	1.70E-07	9.11E+00	2.91E-01	4.60E-03	1.29E-01	4.14E-02	6.15E-01	1.04E+02	2.74E+00	5.71E-07	1.75E-07	8.76E-03	2.33E-04	8.60E-01	6.44E-01	1.09E+02	5.86E-04	1.07E+02	1.16E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
	Y14101	1.01E-02	9.35E-01	-7.98E-03	9.04E-01	1.12E-06	0.00E+00	1.15E+03	1.66E-04	8.14E-04	8.96E-03	9.65E-04	6.75E+00	2.75E-08	1.58E-07	1.44E+01	3.55E-01	1.06E-03	5.35E-02	1.62E-02	8.17E-02	2.71E+01	1.07E+00	4.04E-07	6.55E-08	2.20E-03	2.31E-05	6.13E-01	4.30E-01	2.75E+01	2.15E-04	2.73E+01	2.75E+01	7.08E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-01
	Y14161	1.01E-02	9.35E-01	-7.95E-03	9.04E-01	1.15E-06	0.00E+00	1.05E+03	1.86E-04	8.14E-04	8.99E-03	9.60E-04	7.03E+00	2.76E-08	1.80E-07	1.47E+01	3.74E-01	1.06E-03	5.35E-02	1.69E-02	8.25E-02	2.71E+01	1.08E+00	3.97E-07	6.60E-08	2.20E-03	2.31E-05	6.53E-01	4.30E-01	2.75E+01	2.59E-04	2.73E+01	2.75E+01	7.09E-01	0.00E+00	0.00E+00	0.00E+00	7.30E-01
	Y1420	3.34E-02	2.62E+00	-9.66E-03	2.64E+00	2.19E-06	0.00E+00	1.05E+03	2.14E-04	2.40E-03	2.45E-02	3.95E-03	1.11E+01	3.47E-07	2.53E-07	1.93E+01	4.35E-01	5.42E-03	1.63E-01	4.72E-02	6.19E-01	1.21E+02	2.70E+00	6.61E-07	2.11E-07	1.10E-02	2.59E-04	1.00E+00	6.54E-01	1.28E+02	1.02E-03	1.27E+02	1.35E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
	Y1425	3.57E-02	2.62E+00	-9.45E-03	2.64E+00	2.17E-06	0.00E+00	1.05E+03	3.74E-04	2.40E-03	2.46E-02	3.95E-03	1.27E+01	3.66E-07	3.23E-07	2.27E+01	9.60E-01	5.40E-03	1.62E-01	5.35E-02	6.36E-01	1.21E+02	2.71E+00	6.71E-07	2.24E-07	1.10E-02	2.60E-04	1.23E+00	6.54E-01	1.28E+02	1.02E-03	1.27E+02	1.34E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
	Y1432	3.59E-02	2.55E+00	-7.33E-03	2.54E+00	2.15E-06	0.00E+00	7.25E+02	4.33E-04	2.26E-03	2.38E-02	3.93E-03	1.30E+01	3.77E-07	3.30E-07	2.62E+01	1.17E+00	5.32E-03	1.57E-01	4.85E-02	6.35E-01	1.11E+02	2.52E+00	5.26E-07	2.22E-07	1.07E-02	2.46E-04	1.25E+00	6.60E-01	1.16E+02	6.12E-03	1.16E+02	1.20E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
	Y1440	3.67E-02	2.55E+00	-7.25E-03	2.54E+00	2.16E-06	0.00E+00	7.25E+02	4.64E-04	2.28E-03	2.40E-02	3.94E-03	1.32E+01	3.81E-07	3.37E-07	2.78E+01	1.29E+00	5.34E-03	1.56E-01	4.88E-02	6.41E-01	1.11E+02	2.52E+00	5.78E-07	2.29E-07	1.06E-02	2.54E-04	1.29E+00	6.60E-01	1.14E+02	6.12E-03	1.13E+02	1.19E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
	Y1450	4.11E-02	2.54E+00	-5.70E-03	2.51E+00	2.24E-06	0.00E+00	7.24E+02	5.15E-04	2.36E-03	2.45E-02	4.13E-03	1.80E+01	3.81E-08	4.22E-07	3.99E+01	1.45E+00	5.59E-03	1.77E-01	5.58E-02	6.68E-01	1.03E+02	2.53E+00	6.21E-07	2.61E-07	1.10E-02	2.91E-04	1.44E+00	6.64E-01	1.08E+02	6.16E-03	1.07E+02	1.14E+02	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+00
	Y1463	4.08E-02	2.54E+00	-5.70E-03	2.51E+00	2.23E-06	0.00E+00	7.25E+02	5.07E-04	2.36E-03	2.44E-02	4.12E-03	1.76E+01	3.75E-08	4.18E-07	3.77E+01	1.43E+00	5.59E-03	1.75E-01	5.56E-02	6.57E-01	1.04E+02	2.53E+00	5.68E-07	2.58E-07	1.08E-02	2.78E-04	1.39E+00	6.61E-01	1.08E+02	6.15E-03	1.07E+02	1.13E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
	Y7106	7.86E-03	9.52E-01	-9.61E-03	9.90E-01	9.17E-07	0.00E+00	6.27E+02	6.82E-05	5.39E-04	6.13E-03	9.09E-04	1.86E+00	8.80E-08	5.56E-08	4.04E+00	1.25E-01	1.22E-03	5.06E-02	1.68E-02	1.42E-01	3.56E+01	1.07E+00	2.85E-07	5.14E-08	2.38E-03	5.70E-05	2.59E-01	2.15E-01	3.68E+01	1.59E-04	3.68E+01	4.01E+01	4.99E-01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
	Y7110	6.98E-03	9.54E-01	-9.83E-03	1.03E+00	9.33E-07	0.00E+00	6.10E+02	6.78E-05	5.27E-04	5.98E-03	8.86E-04	1.87E+00	8.94E-08	5.13E-08	3.78E+00	1.24E-01	1.20E-03	4.87E-02	1.46E-02	1.36E-01	3.66E+01	1.07E+00	2.76E-07	4.60E-08	2.13E-03	5.59E-05	2.29E-01	2.09E-01	3.73E+01	1.55E-04	3.73E+01	4.06E+01	4.61E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-01
	Y7116	7.81E-03	1.01E+00	-9.74E-03	1.08E+00	9.37E-07	0.00E+00	6.13E+02	6.82E-05	5.38E-04	6.13E-03	9.08E-04	1.89E+00	1.11E-07	5.63E-08	4.00E+00	1.24E-01	1.22E-03	5.06E-02	1.69E-02	1.44E-01	3.65E+01	1.07E+00	2.76E-07	5.10E-08	2.38E-03	5.70E-05	2.65E-01	2.15E-01	3.72E+01	1.60E-04	3.72E+01	4.05E+01	5.01E-01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
	Y7120	7.84E-03	1.01E+00	-9.79E-03	1.09E+00	9.33E-07	0.00E+00	6.13E+02	7.14E-05	5.39E-04	6.16E-03	9.10E-04	1.94E+00	1.55E-07	5.45E-08	4.02E+00	1.36E-01	1.22E-03	5.06E-02	1.69E-02	1.45E-01	3.56E+01	1.07E+00	2.77E-07	5.12E-08	2.41E-03	5.90E-05	2.84E-01	2.16E-01	3.65E+01	1.60E-04	3.65E+01	4.00E+01	5.04E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
	Y7125	8.82E-03	1.07E+00	-9.44E-03	1.14E+00	9.29E-07	0.00E+00	6.13E+02	7.77E-05	6.30E-04	6.79E-03	9.62E-04	2.33E+00	1.66E-07	7.40E-08	4.56E+00	1.44E-01	1.30E-03	5.30E-02	1.79E-02	1.92E-01	3.56E+01	1.09E+00	3.17E-07	5.71E-08	2.91E-03	6.28E-05	3.68E-01	2.21E-01	3.65E+01	2.95E-04	3.65E+01	4.00E+01	6.77E-01	0.00E+00	0.00E+00	0.00E+00	6.04E-01
	Y7132	1.04E-02	1.08E+00	-3.18E-03	1.13E+00	9.21E-07	0.00E+00	4.59E+02	1.29E-04	6.58E-04	7.27E-03	1.00E-03	4.62E+00	1.80E-07	1.21E-07	8.36E+00	3.09E-01	1.37E-03	4.94E-02	1.68E-02	2.00E-01	3.55E+01	1.11E+00	1.56E-07	6.53E-08	3.04E-03	6.47E-05	5.60E-01	2.27E-01	3.67E+01	3.65E-03	3.66E+01	3.76E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
	Y7140	1.11E-02	1.08E+00	-2.42E-03	1.13E+00	9.04E-07	0.00E+00	4.49E+02	1.30E-04	6.63E-04	7.23E-03	1.00E-03	4.60E+00	1.88E-07	1.22E-07	8.48E+00	3.19E-01	1.37E-03	4.87E-02	1.70E-02	2.00E-01	3.51E+01	1.09E+00	1.76E-07	6.85E-08	3.06E-03	6.54E-05	5.47E-01	2.25E-01	3.61E+01	3.70E-03	3.61E+01	3.73E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	7.79E-01
	Y7150	1.29E-02	1.07E+00	-1.59E-03	1.11E+00	8.93E-07	0.00E+00	4.49E+02	1.29E-04	6.65E-04	7.28E-03	1.00E-03	4.66E+00	1.71E-08	1.25E-07	8.60E+00	3.30E-01	1.36E-03	4.45E-02	1.70E-02	2.06E-01	3.48E+01	1.08E+00	1.62E-07	8.37E-08	3.08E-03	7.46E-05	5.20E-01	2.26E-01	3.62E+01	3.71E-03	3.61E+01	3.72E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	8.07E-01
	Y7163	1.31E-02	1.08E+00	-1.49E-03	1.13E+00	8.91E-07	0.00E+00	4.55E+02	1.68E-04	6.65E-04	7.32E-03	1.00E-03	6.39E+00	1.72E-08	1.47E-07	1.37E+01	4.23E-01	1.36E-03	4.45E-02	1.83E-02	2.08E-01	3.49E+01	1.10E+00	1.62E-07	8.55E-08	3.09E-03	7.41E-05	5.79E-01	2.26E-01	3.62E+01	3.72E-03	3.62E+01	3.73E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	8.68E-01
	Y7206	1.15E-02	1.91E+00	-1.06E-02	1.98E+00	1.26E-06	0.00E+00	1.19E+03	8.13E-05	1.28E-03	1.36E-02	1.66E-03	2.35E+00	9.42E-08	7.57E-08	5.29E+00	1.48E-01	2.36E-03	1.04E-01	1.99E-02	3.04E-01	6.87E+01	1.50E+00	5.24E-07	8.52E-08	5.43E-03	1.31E-04	4.29E-01	2.69E-01	6.91E+01	3.90E-04	6.88E+01	7.27E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
	Y7210	1.13E-02	1.91E+00	-8.33E-03	1.97E+00	1.27E-06	0.00E+00	1.19E+03	1.14E-04	1.29E-03	1.36E-02	1.62E-03	4.28E+00	9.65E-08	1.15E-07	8.15E+00	2.13E-01	2.28E-03	1.05E-01	2.12E-02	3.04E-01	6.89E+01	1.50E+00	5.24E-07	8.54E-08	5.43E-03	1.32E-04	6.35E-01	2.70E-01	6.93E+01	4.00E-04	6.91E+01	7.29E+01	9.42E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
	Y7216	1.28E-02	1.91E+00	-5.75E-03	1.97E+00	1.28E-06	0.00E+00	1.19E+03	1.35E-04	1.30E-03	1.37E-02	1.63E-03	4.48E+00	1.25E-07	1.16E-07	8.01E+00	2.79E-01	2.31E-03	1.05E-01	2.20E-02	3.06E-01	6.88E+01	1.50E+00	5.24E-07	9.15E-08	5.45E-03	1.32E-04	6.68E-01	2.70E-01	6.92E+01	4.14E-04	6.89E+01	7.27E+01	9.61E-01	0.00E+00	0.00E+00	0.00E+00	8.05E-01
	Y7220	1.33E-02	1.95E+00	-5.19E-03	2.00E+00	1.30E-06	0.00E+00	1.19E+03	1.44E-04	1.30E-03	1.37E-02	1.65E-03	5.05E+00	1.87E-07	1.33E-07	9.19E+00	3.08E-01	2.36E-03	1.08E-01	2.28E-02	3.08E-01	6.88E+01	1.50E+00	5.68E-07	9.59E-08	5.49E-03	1.33E-04	6.78E-01	2.70E-01	6.93E+01	4.14E-04	6.90E+01	7.28E+01	9.69E-01	0.00E+00	0.00E+00	0.00E+00	8.56E-01
	Y7225	1.86E-02	2.08E+00	-5.20E-03	2.10E+00	1.30E-06	0.00E+00	1.16E+03	1.79E-04	1.32E-03	1.38E-02	1.85E-03	6.52E+00	2.27E-07	1.64E-07	1.33E+01	3.78E-01	2.51E-03	1.08E-01	3.46E-02	3.61E-01	6.87E+01	1.46E+00	5.95E-07	1.25E-07	6.33E-03	1.34E-04	7.18E-01	2.72E-01	6.94E+01	4.35E-04	6.91E+01	7.23E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
	Y7232	2.13E-02	2.08E+00	-3.35E-03	2.08E+00	1.30E-06	0.00E+00	7.30E+02	2.00E-04	1.34E-03	1.38E-02	1.96E-03	6.66E+00	2.53E-07	1.80E-07	1.37E+01	5.35E-01	2.73E-03	1.02E-01	3.59E-02	3.85E-01	6.88E+01	1.44E+00	4.41E-07	1.40E-07	6.67E-03	1.52E-04	7.61E-01	2.81E-01	6.96E+01	4.07E-03	6.94E+01	7.04E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
	Y7240	2.16E-02	2.04E+00	-1.83E-03	2.04E+00	1.21E-06	0.00E+00	7.13E+02	2.41E-04	1.30E-03	1.37E-02	1.96E-03	6.97E+00	2.80E-07	1.91E-07	1.42E+01	6.41E-01	2.73E-03	1.02E-01	3.95E-02	3.88E-01	6.78E+01	1.44E+00	4.59E-07	1.39E-07	6.52E-03	1.47E-04	8.01E-01	2.78E-01	6.89E+01	4.05E-03	6.86E+01	6.92E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
	Y7250	2.26E-02	2.02E+00	-1.68E-03	2.00E+00	1.27E-06	0.00E+00	7.13E+02	2.19E-04	1.30E-03	1.38E-02	1.96E-03	6.71E+00	2.20E-08	1.80E-07	1.41E+01	6.09E-01	2.73E-03	1.01E-01	4.01E-02	3.77E-01	6.54E+01	1.44E+00	4.12E-07	1.47E-07	6.64E-03	1.58E-04	8.05E-01	2.75E-01	6.78E+01	4.10E-03	6.75E+01	6.81E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
	Y7263	2.73E-02	2.03E+00	-1.54E-03	2.01E+00	1.25E-06	0.00E+00	7.12E+02	2.34E-04	1.31E-03	1.38E-02	1.96E-03	1.05E+01	2.20E-08	2.45E-07	1.69E+01	6.29E-01	2.73E-03	1.01E-01	4.20E-02	3.87E-01	6.54E+01	1.44E+00	4.41E-07	1.69E-07	6.76E-03	1.59E-04	1.05E+00	2.75E-01	6.79E+01	4.11E-03	6.76E+01	6.81E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
	Y7306	1.92E-02	2.49E+00	-1.06E-02	2.55E+00	1.64E-06	0.00E+00	1.17E+03	1.35E-04	1.35E-03	1.41E-02	2.65E-03	5.05E+00	1.12E-07	1.35E-07	8.13E+00	2.95E-01	3.65E-03	1.20E-01	3.25E-02	3.84E-01	1.02E+02	2.87E+00	5.22E-07	1.31E-07	6.40E-03	1.71E-04	7.56E-01	4.75E-01	1.08E+02	4.62E-04	1.06E+02	1.15E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
	Y7310	1.93E-02	2.50E+00	-9.03E-03	2.56E+00	1.69E-06	0.00E+00	1.17E+03	1.60E-04	1.36E-03	1.43E-02	2.66E-03	5.95E+00	1.22E-07	1.48E-07	1.27E+01	3.43E-01	3.65E-03	1.22E-01	3.26E-02	3.85E-01	1.02E+02	2.87E+00	5.21E-07	1.30E-07	6.68E-03	1.71E-04	7.84E-01	4.81E-01	1.08E+02	4.69E-04	1.06E+02	1.15E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
	Y7316	2.04E-02	2.50E+00	-8.95E-03	2.56E+00	1.71E-06	0.00E+00	1.06E+03	1.70E-04	1.38E-03	1.44E-02	2.66E-03	6.07E+00	1.88E-07	1.59E-07	1.31E+01	3.68E-01	3.65E-03	1.22E-01	3.60E-02	4.03E-01	1.02E+02	2.87E+00	5.20E-07	1.37E-07	6.70E-03	1.72E-04	7.74E-01	4.80E-01	1.08E+02	4.82E-04	1.06E+02	1.15E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
	Y7320	2.10E-02	2.52E+00	-8.58E-03	2.58E+00	1.73E-06	0.00E+00	1.04E+03	1.87E-04	1.41E-03	1.48E-02	2.66E-03	6.60E+00	2.79E-07	1.74E-07	1.32E+01	3.95E-01	3.66E-03	1.24E-01	3.73E-02	4.06E-01	1.01E+02	2.86E+00	5.65E-07	1.40E-07	6.80E-03	1.73E-04	7.82E-01	4.81E-01	1.07E+02	5.24E-04	1.05E+02	1.15E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
	Y7325	2.81E-02	2.57E+00	-8.70E-03	2.60E+00	1.80E-06	0.00E+00	1.04E+03	1.94E-04	2.25E-03	2.25E-02	3.02E-03	6.84E+00	3.26E-07	1.86E-07	1.35E+01	4.13E-01	4.12E-03	1.28E-01	4.43E-02	5.90E-01	1.01E+02	2.86E+00	5.85E-07	1.91E-07	9.18E-03	2.15E-04	7.75E-01	5.02E-01	1.07E+02	6.10E-04	1.06E+02	1.15E+02	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
	Y7332	3.28E-02	2.52E+00	-6.27E-03	2.51E+00	2.04E-06	0.00E+00	7.20E+02	3.93E-04	2.11E-03	2.20E-02	3.01E-03	1.15E+01	3.49E-07	3.18E-07	2.42E+01	1.00E+00	4.05E-03	1.20E-01	4.50E-02	6.15E-01	8.99E+01	2.55E+00	4.56E-07	2.09E-07	9.12E-03	2.07E-04	1.18E+00	5.13E-01	9.29E+01	6.38E-03	9.26E+01	9.37E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
	Y7340	3.41E-02	2.52E+00	-5.61E-03	2.51E+00	1.95E-06	0.00E+00	7.20E+02	3.97E-04	2.16E-03	2.23E-02	3.02E-03	1.14E+01	3.64E-07	3.21E-07	2.52E+01	1.02E+00	4.06E-03	1.19E-01	4.55E-02	6.14E-01	8.93E+01	2.55E+00	5.62E-07	2.19E-07	9.23E-03	2.11E-04	1.23E+00	5.13E-01	9.20E+01	6.29E-03	9.20E+01	9.31E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
	Y7350	3.86E-02	2.51E+00	-4.83E-03	2.47E+00	1.92E-06	0.00E+00	7.20E+02	3.58E-04	2.21E-03	2.25E-02	3.02E-03	1.62E+01	2.91E-08	3.95E-07	3.32E+01	9.46E-01	4.05E-03	1.17E-01	4.68E-02	5.80E-01	8.83E+01	2.56E+00	4.91E-07	2.38E-07	9.26E-03	2.35E-04	1.38E+00	5.11E-01	9.20E+01	6.37E-03	9.22E+01	9.35E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+00
	Y7363	3.89E-02	2.51E+00	-4.77E-03	2.47E+00	1.93E-06	0.00E+00	7.20E+02	3.61E-04	2.22E-03	2.27E-02	3.02E-03	1.63E+01	2.91E-08	3.95E-07	3.40E+01	9.56E-01	4.06E-03	1.17E-01	4.70E-02	5.92E-01	8.80E+01	2.56E+00	5.47E-07	2.41E-07	9.51E-03	2.36E-04	1.41E+00	5.11E-01	9.18E+01	6.35E-03	9.19E+01	9.35E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+00
	Y7406	2.78E-02	2.61E+00	-1.02E-02	2.63E+00	2.14E-06	0.00E+00	1.18E+03	1.48E-04	2.23E-03	2.27E-02	3.63E-03	5.88E+00	1.34E-07	1.66E-07	9.07E+00	2.91E-01	4.86E-03	1.68E-01	4.24E-02	6.02E-01	1.21E+02	2.76E+00	6.26E-07	1.87E-07	8.84E-03	2.33E-04	8.61E-01	6.43E-01	1.29E+02	6.76E-04	1.27E+02	1.34E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
	Y7410	2.63E-02	2.61E+00	-9.85E-03	2.63E+00	2.15E-06	0.00E+00	1.07E+03	2.00E-04	2.23E-03	2.27E-02	3.54E-03	8.49E+00	1.70E-07	2.15E-07	1.80E+01	3.95E-01	4.83E-03	1.66E-01	4.25E-02	6.04E-01	1.22E+02	2.76E+00	6.23E-07	1.78E-07	8.78E-03	2.33E-04	8.67E-01	6.47E-01	1.29E+02	5.64E-04	1.28E+02	1.35E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
	Y7416	2.80E-02	2.61E+00	-9.82E-03	2.63E+00	2.17E-06	0.00E+00	1.06E+03	2.15E-04	2.25E-03	2.30E-02	3.59E-03	9.48E+00	2.33E-07	2.34E-07	1.90E+01	4.20E-01	4.85E-03	1.66E-01	4.50E-02	6.06E-01	1.23E+02	2.76E+00	6.24E-07	1.89E-07	8.99E-03	2.34E-04	8.99E-01	6.47E-01	1.30E+02	6.29E-04	1.28E+02	1.35E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
	Y7420	2.92E-02	2.61E+00	-9.45E-03	2.63E+00	2.19E-06	0.00E+00	1.05E+03	2.16E-04	2.29E-03	2.34E-02	3.63E-03	1.05E+01	3.47E-07	2.49E-07	1.92E+01	4.28E-01	4.91E-03	1.68E-01	4.65E-02	6.03E-01	1.23E+02	2.72E+00	6.60E-07	1.96E-07	9.23E-03	2.36E-04	9.71E-01	6.47E-01	1.30E+02	7.25E-04	1.28E+02	1.36E+02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
	Y7425	3.58E-02	2.62E+00	-9.25E-03	2.64E+00	2.18E-06	0.00E+00	1.05E+03	3.80E-04	2.40E-03	2.46E-02	3.95E-03	1.30E+01	3.66E-07	3.26E-07	2.26E+01	9.75E-01	5.40E-03	1.62E-01	5.38E-02	6.20E-01	1.21E+02	2.72E+00	6.73E-07	2.24E-07	1.10E-02	2.59E-04	1.20E+00	6.51E-01	1.29E+02	1.02E-03	1.27E+02	1.34E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
	Y7432	3.60E-02	2.55E+00	-7.29E-03	2.54E+00	2.16E-06	0.00E+00	7.25E+02	4.36E-04	2.26E-03	2.38E-02	3.98E-03	1.30E+01	3.77E-07	3.29E-07	2.64E+01	1.20E+00	5.43E-03	1.56E-01	4.88E-02	6.47E-01	1.11E+02	2.51E+00	5.23E-07	2.24E-07	1.08E-02	2.76E-04	1.26E+00	6.61E-01	1.16E+02	6.42E-03	1.16E+02	1.20E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
	Y7440	3.68E-02	2.55E+00	-6.99E-03	2.54E+00	2.08E-06	0.00E+00	7.25E+02	4.51E-04	2.30E-03	2.41E-02	3.98E-03	1.30E+01	3.87E-07	3.37E-07	2.82E+01	1.27E+00	5.43E-03	1.55E-01	4.87E-02	6.46E-01	1.11E+02	2.51E+00	5.89E-07	2.31E-07	1.04E-02	2.74E-04	1.27E+00	6.61E-01	1.13E+02	6.30E-03	1.13E+02	1.18E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
	Y7450	4.04E-02	2.54E+00	-5.44E-03	2.50E+00	2.02E-06	0.00E+00	7.25E+02	4.25E-04	2.36E-03	2.44E-02	3.99E-03	1.71E+01	3.62E-08	4.11E-07	3.57E+01	1.20E+00	5.45E-03	1.51E-01	4.97E-02	6.49E-01	1.08E+02	2.52E+00	5.63E-07	2.55E-07	1.06E-02	2.76E-04	1.37E+00	6.60E-01	1.12E+02	6.38E-03	1.12E+02	1.18E+02	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
	Y7463	4.04E-02	2.54E+00	-5.44E-03	2.51E+00	2.02E-06	0.00E+00	7.25E+02	4.25E-04	2.36E-03	2.44E-02	3.99E-03	1.71E+01	3.64E-08	4.11E-07	3.57E+01	1.20E+00	5.45E-03	1.52E-01	4.96E-02	6.49E-01	1.08E+02	2.52E+00	5.68E-07	2.56E-07	1.06E-02	2.75E-04	1.37E+00	6.60E-01	1.12E+02	6.37E-03	1.12E+02	1.18E+02	2.48E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
	YZB110	4.19E-03	6.51E-01	-1.16E-02	6.63E-01	8.36E-09	0.00E+00	5.76E+02	2.33E-05	4.08E-04	4.37E-03	7.92E-04	9.84E-01	6.41E-09	2.72E-08	1.96E+00	4.86E-02	1.07E-03	3.65E-02	6.84E-03	5.70E-02	2.59E+01	8.10E-01	7.79E-08	2.71E-08	1.58E-03	1.77E-05	8.50E-02	2.13E-01	2.67E+01	5.62E-05	2.67E+01	2.70E+01	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
	YZB116	4.33E-03	6.52E-01	-1.14E-02	6.63E-01	8.36E-09	0.00E+00	5.65E+02	2.31E-05	4.10E-04	4.39E-03	7.95E-04	1.12E+00	6.16E-09	2.91E-08	2.26E+00	4.86E-02	1.08E-03	3.65E-02	7.02E-03	5.42E-02	2.59E+01	7.90E-01	7.90E-08	2.78E-08	1.60E-03	1.80E-05	9.32E-02	2.13E-01	2.67E+01	5.77E-05	2.67E+01	2.70E+01	3.07E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
	YZB120	5.13E-03	7.42E-01	-1.03E-02	7.56E-01	5.08E-08	0.00E+00	5.89E+02	2.54E-05	4.39E-04	4.69E-03	7.53E-04	1.11E+00	1.18E-08	3.04E-08	2.17E+00	5.01E-02	1.08E-03	4.38E-02	6.89E-03	1.26E-01	3.20E+01	8.06E-01	9.67E-08	3.36E-08	1.72E-03	4.44E-05	1.03E-01	1.98E-01	3.34E+01	8.93E-05	3.34E+01	3.39E+01	3.34E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-01
	YZB125	7.78E-03	8.85E-01	-8.91E-03	9.06E-01	1.44E-07	0.00E+00	7.05E+02	3.52E-05	5.53E-04	5.65E-03	8.51E-04	1.81E+00	1.18E-08	5.78E-08	3.82E+00	7.10E-02	1.31E-03	6.21E-02	1.20E-02	1.45E-01	3.75E+01	9.29E-01	1.38E-07	5.04E-08	2.27E-03	5.47E-05	1.94E-01	2.12E-01	3.86E+01	1.65E-04	3.86E+01	3.92E+01	4.47E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
	YZB316	1.31E-02	1.92E+00	-3.35E-02	1.95E+00	2.51E-08	0.00E+00	1.70E+03	6.95E-05	1.22E-03	1.30E-02	2.36E-03	3.38E+00	1.90E-08	8.66E-08	6.83E+00	1.46E-01	3.20E-03	1.04E-01	2.08E-02	2.18E-01	7.42E+01	2.41E+00	2.41E-07	8.55E-08	4.77E-03	9.11E-05	3.22E-01	6.39E-01	7.66E+01	1.83E-04	7.66E+01	7.76E+01	9.61E-01	0.00E+00	0.00E+00	0.00E+00	8.93E-01
	YZB320	2.17E-02	3.22E+00	-3.51E-02	3.30E+00	6.09E-07	0.00E+00	2.09E+03	1.28E-04	1.84E-03	1.96E-02	2.59E-03	5.28E+00	2.40E-08	1.32E-07	1.07E+01	2.41E-01	3.77E-03	1.40E-01	2.88E-02	3.98E-01	1.08E+02	3.29E+00	3.17E-07	1.38E-07	7.32E-03	1.70E-04	7.05E-01	7.47E-01	1.11E+02	3.99E-04	1.11E+02	1.12E+02	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
	YZB325	2.22E-02	2.49E+00	-9.59E-03	2.51E+00	3.95E-07	0.00E+00	7.88E+02	1.25E-04	1.61E-03	1.69E-02	2.65E-03	5.92E+00	1.76E-08	1.41E-07	1.21E+01	2.64E-01	3.87E-03	1.38E-01	2.96E-02	4.01E-01	1.07E+02	3.06E+00	3.60E-07	1.43E-07	7.37E-03	1.66E-04	5.83E-01	4.46E-01	1.10E+02	4.71E-04	1.10E+02	1.11E+02	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
	YZC110	4.34E-03	7.65E-01	-2.10E-02	7.61E-01	1.05E-07	0.00E+00	1.36E+03	2.62E-05	6.71E-04	7.01E-03	8.41E-04	1.09E+00	1.50E-08	2.91E-08	2.21E+00	4.96E-02	1.12E-03	4.39E-02	6.84E-03	7.94E-02	2.68E+01	1.17E+00	9.75E-08	2.78E-08	1.78E-03	1.94E-05	1.00E-01	4.08E-01	2.78E+01	5.84E-05	2.80E+01	2.82E+01	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
	YZC116	4.64E-03	7.41E-01	-1.02E-02	7.55E-01	5.25E-08	0.00E+00	5.88E+02	2.54E-05	4.39E-04	4.69E-03	7.82E-04	1.10E+00	1.18E-08	2.97E-08	2.22E+00	4.95E-02	1.09E-03	4.02E-02	6.85E-03	1.24E-01	2.80E+01	8.03E-01	8.58E-08	2.95E-08	1.73E-03	2.76E-05	1.04E-01	1.97E-01	2.92E+01	7.26E-05	2.92E+01	2.95E+01	3.31E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-01
	YZC120	5.38E-03	8.18E-01	-8.65E-03	8.29E-01	1.51E-07	0.00E+00	6.56E+02	3.44E-05	5.27E-04	5.71E-03	7.41E-04	1.26E+00	1.81E-08	3.79E-08	2.64E+00	7.81E-02	1.09E-03	3.81E-02	6.22E-03	1.42E-01	2.63E+01	9.83E-01	9.72E-08	3.24E-08	1.93E-03	3.01E-05	2.40E-01	2.02E-01	2.69E+01	1.01E-04	2.69E+01	2.77E+01	4.46E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
	YZC125	7.85E-03	8.86E-01	-9.06E-03	9.07E-01	1.44E-07	0.00E+00	7.05E+02	3.88E-05	5.57E-04	5.67E-03	8.55E-04	1.81E+00	1.19E-08	5.85E-08	3.82E+00	8.70E-02	1.32E-03	6.21E-02	1.20E-02	1.51E-01	3.74E+01	9.29E-01	1.42E-07	5.08E-08	2.30E-03	5.48E-05	2.50E-01	2.19E-01	3.84E+01	1.77E-04	3.84E+01	3.90E+01	4.79E-01	0.00E+00	0.00E+00	0.00E+00	5.25E-01
	YZC316	1.36E-02	1.88E+00	-2.32E-02	1.88E+00	5.89E-07	0.00E+00	1.39E+03	6.61E-05	1.17E-03	1.25E-02	2.31E-03	3.40E+00	1.63E-08	8.67E-08	6.97E+00	1.47E-01	3.21E-03	1.05E-01	2.14E-02	2.49E-01	7.40E+01	2.86E+00	2.43E-07	8.90E-08	4.94E-03	1.00E-04	3.66E-01	5.10E-01	7.68E+01	2.06E-04	7.68E+01	7.67E+01	9.81E-01	0.00E+00	0.00E+00	0.00E+00	9.16E-01
	YZC320	2.00E-02	2.54E+00	-3.12E-02	2.57E+00	2.56E-08	0.00E+00	2.09E+03	7.60E-05	1.57E-03	1.68E-02	2.84E-03	4.38E+00	2.26E-08	1.13E-07	9.24E+00	1.49E-01	3.84E-03	1.43E-01	-3.31E+00	3.69E-01	1.07E+02	2.88E+00	3.79E-07	1.26E-07	6.35E-03	1.63E-04	3.99E-01	6.91E-01	1.10E+02	3.93E-04	1.10E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
	YZC325	2.17E-02	2.59E+00	-2.99E-02	2.62E+00	2.56E-08	0.00E+00	2.09E+03	7.60E-05	1.61E-03	1.73E-02	2.91E-03	5.43E+00	2.37E-08	1.33E-07	1.16E+01	1.49E-01	3.93E-03	1.43E-01	3.01E-02	3.87E-01	1.08E+02	2.88E+00	3.88E-07	1.37E-07	6.62E-03	1.63E-04	4.34E-01	6.98E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
Distribution A4	MBN116	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.08E-02	6.17E-09	4.89E-05	5.36E-04	0.00E+00	0.00E+00	2.89E-13	5.60E-12	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.78E-04	2.30E-01	0.00E+00	2.52E-11	8.48E-10	1.35E-04	4.11E-07	3.06E-04	0.00E+00	2.30E-01	6.48E-10	2.30E-01	2.30E-01	3.06E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-05
	B02813	2.21E-04	2.39E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.39E-02	8.66E-09	1.08E-04	1.19E-03	0.00E+00	0.00E+00	3.88E-13	8.17E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.29E-04	3.35E-01	0.00E+00	3.35E-11	2.13E-09	3.13E-04	5.71E-07	4.34E-04	0.00E+00	3.35E-01	9.17E-10	3.35E-01	3.38E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05
	B02823	2.21E-04	2.39E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.39E-02	8.66E-09	1.10E-04	1.18E-03	0.00E+00	0.00E+00	3.88E-13	8.17E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.29E-04	3.35E-01	0.00E+00	3.35E-11	2.13E-09	3.13E-04	5.71E-07	4.34E-04	0.00E+00	3.35E-01	9.17E-10	3.35E-01	3.38E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05
	B02861	2.21E-04	2.39E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.39E-02	8.66E-09	1.08E-04	1.19E-03	0.00E+00	0.00E+00	3.88E-13	8.17E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.29E-04	3.35E-01	0.00E+00	3.35E-11	2.13E-09	3.13E-04	5.71E-07	4.34E-04	0.00E+00	3.35E-01	9.17E-10	3.35E-01	3.38E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05
	B02870	2.21E-04	2.39E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.39E-02	8.66E-09	1.10E-04	1.18E-03	0.00E+00	0.00E+00	3.88E-13	8.17E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.29E-04	3.35E-01	0.00E+00	3.35E-11	2.13E-09	3.13E-04	5.71E-07	4.34E-04	0.00E+00	3.35E-01	9.17E-10	3.35E-01	3.38E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05
	HLE180S	3.46E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.43E-02	1.25E-08	1.52E-04	1.80E-03	0.00E+00	0.00E+00	5.98E-13	1.13E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.15E-03	4.91E-01	0.00E+00	5.62E-11	2.63E-09	4.08E-04	8.14E-07	6.03E-04	0.00E+00	4.91E-01	1.32E-09	4.91E-01	4.76E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
	HLE280S	6.00E-04	8.96E-02	0.00E+00	9.28E-02	0.00E+00	0.00E+00	5.24E-02	2.03E-08	2.57E-04	2.77E-03	0.00E+00	0.00E+00	1.53E-12	2.31E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	2.42E-03	9.51E-01	0.00E+00	1.32E-10	4.47E-09	6.97E-04	1.68E-06	1.24E-03	0.00E+00	9.51E-01	2.04E-09	9.51E-01	9.65E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
	HLE290S	5.70E-04	9.13E-02	0.00E+00	9.49E-02	0.00E+00	0.00E+00	5.32E-02	2.53E-08	2.74E-04	2.97E-03	0.00E+00	0.00E+00	1.55E-12	2.44E-11	2.37E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	2.46E-03	9.58E-01	0.00E+00	1.34E-10	4.66E-09	7.73E-04	1.76E-06	1.28E-03	0.00E+00	9.58E-01	2.65E-09	9.58E-01	9.73E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
	HLE380S	6.55E-04	1.13E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	7.55E-02	4.48E-08	3.10E-04	3.36E-03	0.00E+00	0.00E+00	1.85E-12	3.73E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-06	3.83E-03	1.48E+00	0.00E+00	1.61E-10	5.03E-09	8.20E-04	2.73E-06	2.06E-03	0.00E+00	1.48E+00	4.50E-09	1.48E+00	1.49E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
	HLE390S	6.57E-04	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.44E-02	2.88E-08	2.89E-04	3.11E-03	0.00E+00	0.00E+00	1.80E-12	3.46E-11	2.65E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-06	3.40E-03	1.38E+00	0.00E+00	1.51E-10	4.85E-09	7.57E-04	2.40E-06	1.78E-03	0.00E+00	1.38E+00	2.85E-09	1.38E+00	1.40E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04
	HLF180S	3.46E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.44E-02	1.25E-08	1.52E-04	1.81E-03	0.00E+00	0.00E+00	5.98E-13	1.13E-11	7.69E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.15E-03	4.91E-01	0.00E+00	5.62E-11	2.63E-09	4.09E-04	8.14E-07	6.03E-04	0.00E+00	4.91E-01	1.32E-09	4.91E-01	4.76E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
	HLF190S	3.44E-04	3.68E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.44E-02	1.25E-08	1.48E-04	1.80E-03	0.00E+00	0.00E+00	5.99E-13	1.13E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.16E-03	4.92E-01	0.00E+00	5.62E-11	2.59E-09	4.09E-04	8.20E-07	6.08E-04	0.00E+00	4.92E-01	1.33E-09	4.92E-01	4.77E-01	6.08E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
	HLF199S	3.70E-04	3.71E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.48E-02	1.27E-08	1.51E-04	1.80E-03	0.00E+00	0.00E+00	6.05E-13	1.14E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.16E-03	4.92E-01	0.00E+00	5.73E-11	2.62E-09	4.19E-04	8.14E-07	6.05E-04	0.00E+00	4.92E-01	1.34E-09	4.92E-01	4.76E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	HLF280S	5.77E-04	9.02E-02	0.00E+00	9.33E-02	0.00E+00	0.00E+00	5.29E-02	2.21E-08	2.61E-04	2.81E-03	0.00E+00	0.00E+00	1.56E-12	2.38E-11	2.37E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-06	2.46E-03	9.53E-01	0.00E+00	1.33E-10	4.54E-09	7.16E-04	1.74E-06	1.27E-03	0.00E+00	9.53E-01	2.29E-09	9.53E-01	9.67E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04

HLF290S	5.77E-04	8.96E-02	0.00E+00	9.28E-02	0.00E+00	0.00E+00	5.29E-02	2.04E-08	2.49E-04	2.75E-03	0.00E+00	0.00E+00	1.45E-12	2.38E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-06	2.43E-03	9.58E-01	0.00E+00	1.27E-10	4.16E-09	7.16E-04	1.71E-06	1.24E-03	0.00E+00	9.58E-01	2.06E-09	9.58E-01	9.68E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
HLF299S	5.93E-04	8.98E-02	0.00E+00	9.29E-02	0.00E+00	0.00E+00	5.24E-02	2.05E-08	2.50E-04	2.73E-03	0.00E+00	0.00E+00	1.45E-12	2.38E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-06	2.43E-03	9.59E-01	0.00E+00	1.27E-10	4.17E-09	7.15E-04	1.71E-06	1.24E-03	0.00E+00	9.59E-01	2.06E-09	9.59E-01	9.70E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
HLF380S	6.55E-04	1.13E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	7.60E-02	4.48E-08	3.10E-04	3.36E-03	0.00E+00	0.00E+00	1.87E-12	3.79E-11	2.75E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-06	3.83E-03	1.48E+00	0.00E+00	1.61E-10	5.03E-09	8.20E-04	2.73E-06	2.06E-03	0.00E+00	1.48E+00	4.52E-09	1.48E+00	1.49E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	4.15E-04
HLF390S	6.54E-04	1.13E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	7.63E-02	4.51E-08	3.11E-04	3.37E-03	0.00E+00	0.00E+00	1.86E-12	3.78E-11	2.73E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-06	3.82E-03	1.50E+00	0.00E+00	1.63E-10	5.12E-09	8.33E-04	2.74E-06	2.05E-03	0.00E+00	1.50E+00	4.52E-09	1.50E+00	1.51E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	4.15E-04
HLF399S	6.55E-04	1.09E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.35E-02	3.02E-08	2.90E-04	3.11E-03	0.00E+00	0.00E+00	1.78E-12	3.44E-11	2.63E-04	0.00E+00	0.00E+00	0.00E+00	9.21E-06	3.42E-03	1.38E+00	0.00E+00	1.50E-10	4.90E-09	7.70E-04	2.43E-06	1.81E-03	0.00E+00	1.38E+00	3.04E-09	1.38E+00	1.40E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-04
HMB180	3.79E-04	4.08E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.59E-02	1.39E-08	1.54E-04	1.81E-03	0.00E+00	0.00E+00	6.41E-13	1.23E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.14E-03	5.28E-01	0.00E+00	6.34E-11	2.80E-09	4.18E-04	8.10E-07	5.92E-04	0.00E+00	5.28E-01	1.41E-09	5.28E-01	5.09E-01	5.92E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
HMB190	3.10E-04	4.10E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.87E-02	1.66E-08	1.56E-04	1.75E-03	0.00E+00	0.00E+00	6.74E-13	1.31E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.42E-03	5.33E-01	0.00E+00	6.50E-11	2.60E-09	4.33E-04	1.01E-06	7.54E-04	0.00E+00	5.33E-01	1.79E-09	5.33E-01	5.13E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMB199	3.17E-04	4.12E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.87E-02	1.68E-08	1.54E-04	1.73E-03	0.00E+00	0.00E+00	6.77E-13	1.32E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.33E-01	0.00E+00	6.50E-11	2.63E-09	4.26E-04	1.01E-06	7.59E-04	0.00E+00	5.33E-01	1.80E-09	5.33E-01	5.13E-01	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMB280	6.13E-04	9.16E-02	0.00E+00	9.34E-02	0.00E+00	0.00E+00	5.46E-02	2.10E-08	2.52E-04	2.77E-03	0.00E+00	0.00E+00	1.67E-12	2.63E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	7.52E-06	2.53E-03	9.87E-01	0.00E+00	1.37E-10	4.55E-09	6.91E-04	1.80E-06	1.28E-03	0.00E+00	9.87E-01	2.19E-09	9.87E-01	1.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
HMB290	6.09E-04	9.56E-02	0.00E+00	9.82E-02	0.00E+00	0.00E+00	5.57E-02	2.13E-08	2.67E-04	2.94E-03	0.00E+00	0.00E+00	1.69E-12	2.66E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	2.56E-03	9.92E-01	0.00E+00	1.39E-10	4.62E-09	7.52E-04	1.85E-06	1.32E-03	0.00E+00	9.92E-01	2.35E-09	9.92E-01	1.01E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
HMB299	6.43E-04	9.57E-02	0.00E+00	9.82E-02	0.00E+00	0.00E+00	5.53E-02	2.12E-08	2.61E-04	2.90E-03	0.00E+00	0.00E+00	1.69E-12	2.66E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	2.55E-03	9.94E-01	0.00E+00	1.39E-10	4.61E-09	7.34E-04	1.81E-06	1.30E-03	0.00E+00	9.94E-01	2.21E-09	9.94E-01	1.01E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
HMB380	8.16E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.44E-02	4.83E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.52E-03	1.80E+00	0.00E+00	1.97E-10	6.63E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.07E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
HMB480	1.14E-03	1.80E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	1.18E-01	6.75E-08	5.34E-04	5.86E-03	0.00E+00	0.00E+00	3.16E-12	6.12E-11	4.39E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	6.32E-03	2.51E+00	0.00E+00	2.76E-10	9.27E-09	1.48E-03	4.50E-06	3.35E-03	0.00E+00	2.51E+00	7.09E-09	2.51E+00	2.51E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	6.84E-04
HMB490	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.63E-03	0.00E+00	0.00E+00	3.04E-12	5.87E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.07E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
HMB499	1.10E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.50E-08	5.14E-04	5.64E-03	0.00E+00	0.00E+00	3.04E-12	5.89E-11	4.22E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.08E-03	2.42E+00	0.00E+00	2.65E-10	8.92E-09	1.42E-03	4.33E-06	3.22E-03	0.00E+00	2.42E+00	6.82E-09	2.42E+00	2.42E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.58E-04
HMC180	2.79E-04	4.41E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.89E-02	1.65E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.75E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.15E-01	0.00E+00	6.76E-11	2.27E-09	3.62E-04	1.10E-06	8.21E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.16E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
HMC180T	2.98E-04	4.08E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.78E-02	1.66E-08	1.47E-04	1.67E-03	0.00E+00	0.00E+00	6.60E-13	1.30E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.41E-03	5.28E-01	0.00E+00	6.41E-11	2.55E-09	4.01E-04	1.01E-06	7.42E-04	0.00E+00	5.28E-01	1.77E-09	5.28E-01	5.10E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
HMC190	3.13E-04	4.51E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.99E-02	1.66E-08	1.56E-04	1.77E-03	0.00E+00	0.00E+00	8.25E-13	1.52E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-06	1.62E-03	6.42E-01	0.00E+00	6.85E-11	2.60E-09	4.45E-04	1.16E-06	8.54E-04	0.00E+00	6.42E-01	1.80E-09	6.42E-01	6.40E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
HMC190T	3.07E-04	4.10E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.87E-02	1.66E-08	1.53E-04	1.75E-03	0.00E+00	0.00E+00	6.74E-13	1.31E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.42E-03	5.33E-01	0.00E+00	6.50E-11	2.56E-09	4.33E-04	1.02E-06	7.55E-04	0.00E+00	5.33E-01	1.79E-09	5.33E-01	5.13E-01	7.55E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMC199	3.15E-04	4.12E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.87E-02	1.68E-08	1.51E-04	1.73E-03	0.00E+00	0.00E+00	6.77E-13	1.32E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.33E-01	0.00E+00	6.50E-11	2.58E-09	4.26E-04	1.02E-06	7.60E-04	0.00E+00	5.33E-01	1.80E-09	5.33E-01	5.13E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMC199T	3.14E-04	4.11E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.68E-02	1.66E-08	1.51E-04	1.73E-03	0.00E+00	0.00E+00	6.56E-13	1.24E-11	8.12E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.41E-03	5.33E-01	0.00E+00	6.43E-11	2.58E-09	4.26E-04	1.01E-06	7.53E-04	0.00E+00	5.33E-01	1.77E-09	5.33E-01	5.13E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMC280	6.23E-04	9.17E-02	0.00E+00	9.34E-02	0.00E+00	0.00E+00	5.48E-02	2.11E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.68E-12	2.63E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	2.53E-03	9.87E-01	0.00E+00	1.37E-10	4.62E-09	7.03E-04	1.80E-06	1.28E-03	0.00E+00	9.87E-01	2.19E-09	9.87E-01	1.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
HMC280T	5.98E-04	9.28E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	5.59E-02	2.29E-08	2.59E-04	2.83E-03	0.00E+00	0.00E+00	1.69E-12	2.69E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-06	2.56E-03	9.96E-01	0.00E+00	1.39E-10	4.69E-09	7.12E-04	1.85E-06	1.32E-03	0.00E+00	9.96E-01	2.44E-09	9.96E-01	1.01E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
HMC290	6.04E-04	9.48E-02	0.00E+00	9.71E-02	0.00E+00	0.00E+00	5.50E-02	2.12E-08	2.58E-04	2.88E-03	0.00E+00	0.00E+00	1.61E-12	2.65E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.54E-03	9.90E-01	0.00E+00	1.34E-10	4.32E-09	7.50E-04	1.81E-06	1.29E-03	0.00E+00	9.90E-01	2.21E-09	9.90E-01	1.01E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
HMC290T	5.95E-04	9.71E-02	0.00E+00	9.93E-02	0.00E+00	0.00E+00	5.76E-02	2.56E-08	2.79E-04	3.13E-03	0.00E+00	0.00E+00	1.63E-12	2.82E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	2.60E-03	1.01E+00	0.00E+00	1.37E-10	4.54E-09	8.05E-04	1.90E-06	1.35E-03	0.00E+00	1.01E+00	2.71E-09	1.01E+00	1.02E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
HMC299	6.08E-04	9.66E-02	0.00E+00	9.88E-02	0.00E+00	0.00E+00	5.71E-02	2.32E-08	2.63E-04	2.93E-03	0.00E+00	0.00E+00	1.63E-12	2.76E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.60E-03	1.01E+00	0.00E+00	1.37E-10	4.46E-09	7.58E-04	1.88E-06	1.34E-03	0.00E+00	1.01E+00	2.49E-09	1.01E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04
HMC299T	6.08E-04	9.66E-02	0.00E+00	9.88E-02	0.00E+00	0.00E+00	5.71E-02	2.31E-08	2.63E-04	2.93E-03	0.00E+00	0.00E+00	1.63E-12	2.76E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.59E-03	1.01E+00	0.00E+00	1.37E-10	4.46E-09	7.58E-04	1.87E-06	1.34E-03	0.00E+00	1.01E+00	2.48E-09	1.01E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04
HMC380	8.17E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.64E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
HMC390	7.93E-04	1.25E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	8.20E-02	4.70E-08	3.72E-04	4.08E-03	0.00E+00	0.00E+00	2.20E-12	4.26E-11	3.05E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05	4.39E-03	1.75E+00	0.00E+00	1.92E-10	6.45E-09	1.03E-03	3.13E-06	2.33E-03	0.00E+00	1.75E+00	4.93E-09	1.75E+00	1.75E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-04
HMC399	8.07E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.35E-02	4.78E-08	3.78E-04	4.15E-03	0.00E+00	0.00E+00	2.24E-12	4.33E-11	3.11E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-05	4.47E-03	1.78E+00	0.00E+00	1.95E-10	6.57E-09	1.05E-03	3.19E-06	2.37E-03	0.00E+00	1.78E+00	5.02E-09	1.78E+00	1.78E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-04
HMC480	1.09E-03	1.72E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.12E-04	5.62E-03	0.00E+00	0.00E+00	3.03E-12	5.87E-11	4.20E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.06E-03	2.41E+00	0.00E+00	2.65E-10	8.89E-09	1.42E-03	4.32E-06	3.21E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
HMC490	1.06E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.10E-01	6.28E-08	4.97E-04	5.46E-03	0.00E+00	0.00E+00	2.94E-12	5.70E-11	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.88E-03	2.34E+00	0.00E+00	2.57E-10	8.63E-09	1.38E-03	4.19E-06	3.12E-03	0.00E+00	2.34E+00	6.60E-09	2.34E+00	2.34E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	6.36E-04
HMC499	1.07E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.37E-08	5.04E-04	5.53E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.13E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.96E-03	2.37E+00	0.00E+00	2.60E-10	8.74E-09	1.39E-03	4.24E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	6.44E-04
HMD180	3.70E-04	4.08E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.59E-02	1.39E-08	1.53E-04	1.79E-03	0.00E+00	0.00E+00	6.40E-13	1.22E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.14E-03	5.28E-01	0.00E+00	6.34E-11	2.81E-09	4.11E-04	8.10E-07	5.91E-04	0.00E+00	5.28E-01	1.41E-09	5.28E-01	5.09E-01	5.91E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
HMD180T	2.98E-04	4.08E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.59E-02	1.65E-08	1.47E-04	1.67E-03	0.00E+00	0.00E+00	6.41E-13	1.22E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.39E-03	5.28E-01	0.00E+00	6.34E-11	2.54E-09	4.01E-04	9.99E-07	7.35E-04	0.00E+00	5.28E-01	1.74E-09	5.28E-01	5.10E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
HMD190	3.88E-04	4.11E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.68E-02	1.39E-08	1.62E-04	1.89E-03	0.00E+00	0.00E+00	6.53E-13	1.23E-11	8.12E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.15E-03	5.32E-01	0.00E+00	6.42E-11	2.85E-09	4.51E-04	8.18E-07	6.01E-04	0.00E+00	5.32E-01	1.43E-09	5.32E-01	5.13E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMD190T	3.66E-04	4.10E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.68E-02	1.65E-08	1.60E-04	1.87E-03	0.00E+00	0.00E+00	6.53E-13	1.23E-11	8.12E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.33E-01	0.00E+00	6.42E-11	2.81E-09	4.48E-04	1.00E-06	7.48E-04	0.00E+00	5.33E-01	1.75E-09	5.33E-01	5.13E-01	7.48E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMD199	3.22E-04	4.53E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	3.01E-02	1.68E-08	1.57E-04	1.76E-03	0.00E+00	0.00E+00	8.31E-13	1.53E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.64E-03	6.46E-01	0.00E+00	6.87E-11	2.68E-09	4.39E-04	1.16E-06	8.64E-04	0.00E+00	6.46E-01	1.81E-09	6.46E-01	6.43E-01	8.64E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
HMD199T	3.15E-04	4.11E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.88E-02	1.68E-08	1.54E-04	1.73E-03	0.00E+00	0.00E+00	6.75E-13	1.32E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.32E-01	0.00E+00	6.50E-11	2.63E-09	4.27E-04	1.01E-06	7.59E-04	0.00E+00	5.32E-01	1.80E-09	5.32E-01	5.13E-01	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMD280	5.95E-04	9.28E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	5.59E-02	2.29E-08	2.59E-04	2.83E-03	0.00E+00	0.00E+00	1.69E-12	2.69E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-06	2.56E-03	9.96E-01	0.00E+00	1.39E-10	4.69E-09	7.12E-04	1.85E-06	1.32E-03	0.00E+00	9.96E-01	2.44E-09	9.96E-01	1.01E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
HMD280T	6.25E-04	9.28E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	5.59E-02	2.12E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.69E-12	2.67E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	2.54E-03	9.96E-01	0.00E+00	1.39E-10	4.66E-09	7.09E-04	1.81E-06	1.29E-03	0.00E+00	9.96E-01	2.21E-09	9.96E-01	1.01E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
HMD290	6.30E-04	9.59E-02	0.00E+00	9.83E-02	0.00E+00	0.00E+00	5.57E-02	2.12E-08	2.66E-04	2.94E-03	0.00E+00	0.00E+00	1.70E-12	2.66E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	2.55E-03	9.92E-01	0.00E+00	1.39E-10	4.61E-09	7.43E-04	1.82E-06	1.29E-03	0.00E+00	9.92E-01	2.21E-09	9.92E-01	1.01E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
HMD290T	6.20E-04	9.80E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.78E-02	2.90E-08	2.96E-04	3.29E-03	0.00E+00	0.00E+00	1.72E-12	2.84E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-06	2.60E-03	1.01E+00	0.00E+00	1.43E-10	4.92E-09	8.38E-04	1.90E-06	1.36E-03	0.00E+00	1.01E+00	3.08E-09	1.01E+00	1.03E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
HMD299	6.31E-04	9.77E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.76E-02	2.34E-08	2.71E-04	2.99E-03	0.00E+00	0.00E+00	1.72E-12	2.81E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	2.61E-03	1.02E+00	0.00E+00	1.42E-10	4.75E-09	7.62E-04	1.89E-06	1.35E-03	0.00E+00	1.02E+00	2.50E-09	1.02E+00	1.03E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
HMD299T	6.29E-04	9.78E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.74E-02	2.51E-08	2.82E-04	3.15E-03	0.00E+00	0.00E+00	1.71E-12	2.80E-11	2.32E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	2.60E-03	1.01E+00	0.00E+00	1.42E-10	4.82E-09	8.03E-04	1.88E-06	1.35E-03	0.00E+00	1.01E+00	2.66E-09	1.01E+00	1.03E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
HMD380T	8.17E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.64E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
HMD390T	8.49E-04	1.34E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	8.78E-02	5.03E-08	3.98E-04	4.37E-03	0.00E+00	0.00E+00	2.36E-12	4.56E-11	3.27E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.71E-03	1.87E+00	0.00E+00	2.06E-10	6.91E-09	1.10E-03	3.35E-06	2.50E-03	0.00E+00	1.87E+00	5.28E-09	1.87E+00	1.87E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-04
HMD399T	8.20E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.48E-02	4.86E-08	3.84E-04	4.22E-03	0.00E+00	0.00E+00	2.28E-12	4.40E-11	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-05	4.55E-03	1.81E+00	0.00E+00	1.99E-10	6.67E-09	1.06E-03	3.24E-06	2.41E-03	0.00E+00	1.81E+00	5.10E-09	1.81E+00	1.81E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
HMF180	3.70E-04	4.08E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.59E-02	1.39E-08	1.53E-04	1.79E-03	0.00E+00	0.00E+00	6.40E-13	1.22E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.14E-03	5.28E-01	0.00E+00	6.34E-11	2.81E-09	4.11E-04	8.10E-07	5.91E-04	0.00E+00	5.28E-01	1.41E-09	5.28E-01	5.09E-01	5.91E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
HMF180T	2.81E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.78E-13	1.51E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.55E-03	6.18E-01	0.00E+00	6.79E-11	2.28E-09	3.64E-04	1.11E-06	8.25E-04	0.00E+00	6.18E-01	1.74E-09	6.18E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
HMF190	3.07E-04	4.11E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.87E-02	1.47E-08	1.53E-04	1.75E-03	0.00E+00	0.00E+00	6.73E-13	1.31E-11	8.97E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.42E-03	5.32E-01	0.00E+00	6.49E-11	2.56E-09	4.33E-04	1.01E-06	7.53E-04	0.00E+00	5.32E-01	1.56E-09	5.32E-01	5.14E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMF190T	2.80E-04	4.41E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.89E-02	1.66E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.76E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.16E-01	0.00E+00	6.77E-11	2.27E-09	3.63E-04	1.10E-06	8.22E-04	0.00E+00	6.16E-01	1.74E-09	6.16E-01	6.17E-01	8.22E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
HMF199	3.93E-04	4.12E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.68E-02	1.41E-08	1.57E-04	1.86E-03	0.00E+00	0.00E+00	6.56E-13	1.24E-11	8.13E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.16E-03	5.32E-01	0.00E+00	6.43E-11	2.84E-09	4.43E-04	8.17E-07	6.01E-04	0.00E+00	5.32E-01	1.44E-09	5.32E-01	5.13E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMF199T	3.14E-04	4.11E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.68E-02	1.66E-08	1.51E-04	1.73E-03	0.00E+00	0.00E+00	6.56E-13	1.24E-11	8.12E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.41E-03	5.33E-01	0.00E+00	6.43E-11	2.58E-09	4.26E-04	1.01E-06	7.53E-04	0.00E+00	5.33E-01	1.77E-09	5.33E-01	5.13E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
HMF280	5.98E-04	9.28E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	5.59E-02	2.29E-08	2.59E-04	2.83E-03	0.00E+00	0.00E+00	1.69E-12	2.69E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-06	2.57E-03	9.96E-01	0.00E+00	1.39E-10	4.69E-09	7.12E-04	1.85E-06	1.32E-03	0.00E+00	9.96E-01	2.45E-09	9.96E-01	1.01E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
HMF280T	5.34E-04	8.42E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	5.53E-02	3.16E-08	2.50E-04	2.75E-03	0.00E+00	0.00E+00	1.48E-12	2.87E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-06	2.96E-03	1.18E+00	0.00E+00	1.29E-10	4.34E-09	6.93E-04	2.11E-06	1.57E-03	0.00E+00	1.18E+00	3.32E-09	1.18E+00	1.18E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
HMF290	6.24E-04	9.64E-02	0.00E+00	9.88E-02	0.00E+00	0.00E+00	5.75E-02	2.15E-08	2.67E-04	2.97E-03	0.00E+00	0.00E+00	1.63E-12	2.74E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.57E-03	1.01E+00	0.00E+00	1.37E-10	4.43E-09	7.61E-04	1.84E-06	1.31E-03	0.00E+00	1.01E+00	2.24E-09	1.01E+00	1.02E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04
HMF290T	5.96E-04	9.71E-02	0.00E+00	9.93E-02	0.00E+00	0.00E+00	5.76E-02	2.90E-08	2.89E-04	3.24E-03	0.00E+00	0.00E+00	1.64E-12	2.84E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-06	2.60E-03	1.01E+00	0.00E+00	1.39E-10	4.67E-09	8.34E-04	1.90E-06	1.35E-03	0.00E+00	1.01E+00	3.09E-09	1.01E+00	1.03E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
HMF299	6.13E-04	9.71E-02	0.00E+00	9.93E-02	0.00E+00	0.00E+00	5.76E-02	2.86E-08	2.85E-04	3.22E-03	0.00E+00	0.00E+00	1.64E-12	2.85E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-06	2.61E-03	1.02E+00	0.00E+00	1.39E-10	4.68E-09	8.30E-04	1.91E-06	1.36E-03	0.00E+00	1.02E+00	3.04E-09	1.02E+00	1.03E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
HMF299T	6.08E-04	9.66E-02	0.00E+00	9.88E-02	0.00E+00	0.00E+00	5.71E-02	2.31E-08	2.63E-04	2.93E-03	0.00E+00	0.00E+00	1.63E-12	2.76E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.59E-03	1.01E+00	0.00E+00	1.37E-10	4.46E-09	7.58E-04	1.87E-06	1.34E-03	0.00E+00	1.01E+00	2.48E-09	1.01E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04
HMF380	8.16E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.44E-02	4.83E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.52E-03	1.80E+00	0.00E+00	1.97E-10	6.63E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.07E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
HMF380T	8.18E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.46E-02	4.84E-08	3.83E-04	4.21E-03	0.00E+00	0.00E+00	2.27E-12	4.39E-11	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.65E-09	1.06E-03	3.23E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
HMF390	8.29E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.58E-02	4.91E-08	3.89E-04	4.26E-03	0.00E+00	0.00E+00	2.30E-12	4.45E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.60E-03	1.83E+00	0.00E+00	2.01E-10	6.74E-09	1.08E-03	3.27E-06	2.44E-03	0.00E+00	1.83E+00	5.15E-09	1.83E+00	1.83E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
HMF399T	8.14E-04	1.28E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	8.42E-02	4.82E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.37E-11	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.51E-03	1.79E+00	0.00E+00	1.97E-10	6.62E-09	1.06E-03	3.21E-06	2.39E-03	0.00E+00	1.79E+00	5.06E-09	1.79E+00	1.80E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
HMF480	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.63E-03	0.00E+00	0.00E+00	3.04E-12	5.87E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.07E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
HMF490	1.08E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.42E-08	5.08E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.82E-11	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.01E-03	2.39E+00	0.00E+00	2.63E-10	8.82E-09	1.41E-03	4.28E-06	3.19E-03	0.00E+00	2.39E+00	6.74E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
HMF499	1.08E-03	1.70E-01	0.00E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-01	6.37E-08	5.04E-04	5.53E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.14E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.96E-03	2.37E+00	0.00E+00	2.60E-10	8.75E-09	1.39E-03	4.25E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	6.45E-04
HMX110	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.53E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.79E-13	1.31E-11	9.41E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.39E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.66E-07	7.20E-04	0.00E+00	5.39E-01	1.52E-09	5.39E-01	5.40E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
HMX116	2.36E-04	3.52E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.31E-02	1.45E-08	1.31E-04	1.48E-03	0.00E+00	0.00E+00	5.68E-13	1.09E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.21E-03	4.71E-01	0.00E+00	5.31E-11	2.19E-09	3.61E-04	8.71E-07	6.53E-04	0.00E+00	4.71E-01	1.58E-09	4.71E-01	4.57E-01	6.53E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
HMX120	3.24E-04	3.55E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.33E-02	1.22E-08	1.40E-04	1.69E-03	0.00E+00	0.00E+00	5.73E-13	1.10E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.15E-03	4.74E-01	0.00E+00	5.33E-11	2.53E-09	3.80E-04	8.16E-07	6.03E-04	0.00E+00	4.74E-01	1.29E-09	4.74E-01	4.60E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
HMX125	2.68E-04	4.06E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.71E-02	1.70E-08	1.46E-04	1.66E-03	0.00E+00	0.00E+00	7.09E-13	1.42E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	1.46E-03	5.71E-01	0.00E+00	6.50E-11	2.50E-09	4.00E-04	1.06E-06	7.83E-04	0.00E+00	5.71E-01	1.79E-09	5.71E-01	5.67E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
HMX132	2.60E-04	3.84E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.62E-02	1.42E-08	1.40E-04	1.58E-03	0.00E+00	0.00E+00	7.01E-13	1.30E-11	9.47E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.41E-03	5.46E-01	0.00E+00	5.92E-11	2.34E-09	3.79E-04	1.01E-06	7.35E-04	0.00E+00	5.46E-01	1.52E-09	5.46E-01	5.45E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
HMX150	3.59E-04	3.77E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.45E-02	1.29E-08	1.57E-04	1.85E-03	0.00E+00	0.00E+00	6.07E-13	1.16E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	1.15E-03	4.99E-01	0.00E+00	5.75E-11	2.68E-09	4.26E-04	8.16E-07	6.04E-04	0.00E+00	4.99E-01	1.33E-09	4.99E-01	4.83E-01	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
HMX163	2.86E-04	4.09E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.73E-02	1.83E-08	1.62E-04	1.80E-03	0.00E+00	0.00E+00	7.19E-13	1.44E-11	9.81E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.48E-03	5.75E-01	0.00E+00	6.50E-11	2.53E-09	4.44E-04	1.07E-06	7.88E-04	0.00E+00	5.75E-01	1.86E-09	5.75E-01	5.70E-01	7.88E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
HMX216	5.55E-04	8.94E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	5.20E-02	2.19E-08	2.51E-04	2.66E-03	0.00E+00	0.00E+00	1.53E-12	2.33E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-06	2.42E-03	9.39E-01	0.00E+00	1.33E-10	4.50E-09	6.83E-04	1.72E-06	1.25E-03	0.00E+00	9.39E-01	2.27E-09	9.39E-01	9.55E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
HMX220	5.59E-04	8.99E-02	0.00E+00	9.34E-02	0.00E+00	0.00E+00	5.27E-02	2.62E-08	2.63E-04	2.82E-03	0.00E+00	0.00E+00	1.54E-12	2.42E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	2.42E-03	9.40E-01	0.00E+00	1.33E-10	4.66E-09	7.20E-04	1.74E-06	1.27E-03	0.00E+00	9.40E-01	2.67E-09	9.40E-01	9.58E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
HMX225	5.54E-04	8.83E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	5.20E-02	2.03E-08	2.50E-04	2.66E-03	0.00E+00	0.00E+00	1.53E-12	2.30E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-06	2.39E-03	9.33E-01	0.00E+00	1.32E-10	4.47E-09	6.76E-04	1.70E-06	1.24E-03	0.00E+00	9.33E-01	2.15E-09	9.33E-01	9.51E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
HMX232	5.55E-04	8.86E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	5.22E-02	2.19E-08	2.51E-04	2.66E-03	0.00E+00	0.00E+00	1.53E-12	2.32E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-06	2.41E-03	9.36E-01	0.00E+00	1.32E-10	4.50E-09	6.79E-04	1.72E-06	1.25E-03	0.00E+00	9.36E-01	2.26E-09	9.36E-01	9.54E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
HMX240	5.86E-04	8.83E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	5.19E-02	2.02E-08	2.51E-04	2.67E-03	0.00E+00	0.00E+00	1.53E-12	2.30E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-06	2.37E-03	9.33E-01	0.00E+00	1.32E-10	4.47E-09	6.75E-04	1.68E-06	1.22E-03	0.00E+00	9.33E-01	2.02E-09	9.33E-01	9.51E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
HMX250	5.83E-04	8.99E-02	0.00E+00	9.33E-02	0.00E+00	0.00E+00	5.29E-02	2.09E-08	2.61E-04	2.81E-03	0.00E+00	0.00E+00	1.55E-12	2.39E-11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	2.44E-03	9.46E-01	0.00E+00	1.34E-10	4.54E-09	7.14E-04	1.75E-06	1.27E-03	0.00E+00	9.46E-01	2.23E-09	9.46E-01	9.61E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
HMX263	6.03E-04	8.92E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	5.22E-02	2.03E-08	2.57E-04	2.77E-03	0.00E+00	0.00E+00	1.52E-12	2.31E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-06	2.39E-03	9.38E-01	0.00E+00	1.32E-10	4.47E-09	6.96E-04	1.68E-06	1.23E-03	0.00E+00	9.38E-01	2.03E-09	9.38E-01	9.54E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
HMX310	6.50E-04	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.32E-02	4.34E-08	3.01E-04	3.20E-03	0.00E+00	0.00E+00	1.77E-12	3.57E-11	2.62E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-06	3.46E-03	1.37E+00	0.00E+00	1.51E-10	5.00E-09	7.82E-04	2.45E-06	1.81E-03	0.00E+00	1.37E+00	4.27E-09	1.37E+00	1.37E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04
HMX316	6.76E-04	1.24E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	8.84E-02	5.38E-08	3.03E-04	3.34E-03	0.00E+00	0.00E+00	1.99E-12	4.61E-11	2.95E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	6.23E-03	1.75E+00	0.00E+00	1.73E-10	5.20E-09	7.90E-04	4.54E-06	3.48E-03	0.00E+00	1.75E+00	5.57E-09	1.75E+00	1.75E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-04
HMX320	6.49E-04	1.09E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.34E-02	4.52E-08	3.02E-04	3.21E-03	0.00E+00	0.00E+00	1.77E-12	3.59E-11	2.62E-04	0.00E+00	0.00E+00	0.00E+00	9.33E-06	3.46E-03	1.37E+00	0.00E+00	1.51E-10	5.03E-09	7.87E-04	2.45E-06	1.81E-03	0.00E+00	1.37E+00	4.42E-09	1.37E+00	1.37E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04
HMX325	6.50E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.56E-02	4.49E-08	3.02E-04	3.21E-03	0.00E+00	0.00E+00	1.84E-12	3.73E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-06	3.85E-03	1.48E+00	0.00E+00	1.58E-10	5.06E-09	7.88E-04	2.73E-06	2.04E-03	0.00E+00	1.48E+00	4.49E-09	1.48E+00	1.49E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04

HMX332	6.49E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.53E-02	4.48E-08	3.03E-04	3.21E-03	0.00E+00	0.00E+00	1.84E-12	3.72E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-06	3.86E-03	1.48E+00	0.00E+00	1.58E-10	5.06E-09	7.90E-04	2.73E-06	2.04E-03	0.00E+00	1.48E+00	4.48E-09	1.48E+00	1.49E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04
HMX340	6.47E-04	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.32E-02	4.36E-08	3.01E-04	3.20E-03	0.00E+00	0.00E+00	1.77E-12	3.58E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-06	3.46E-03	1.37E+00	0.00E+00	1.50E-10	5.05E-09	7.83E-04	2.45E-06	1.81E-03	0.00E+00	1.37E+00	4.30E-09	1.37E+00	1.37E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.90E-04
HMX350	6.55E-04	1.10E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.29E-02	4.38E-08	3.10E-04	3.33E-03	0.00E+00	0.00E+00	1.77E-12	3.58E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-06	3.50E-03	1.37E+00	0.00E+00	1.52E-10	5.07E-09	8.13E-04	2.46E-06	1.85E-03	0.00E+00	1.37E+00	4.31E-09	1.37E+00	1.37E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.93E-04
HMX363	6.63E-04	1.09E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.28E-02	2.87E-08	2.89E-04	3.11E-03	0.00E+00	0.00E+00	1.77E-12	3.39E-11	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	3.47E-03	1.37E+00	0.00E+00	1.48E-10	4.81E-09	7.49E-04	2.40E-06	1.80E-03	0.00E+00	1.37E+00	2.84E-09	1.37E+00	1.38E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-04
MA100Z	1.39E-04	2.20E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.21E-09	6.52E-05	7.15E-04	0.00E+00	0.00E+00	3.84E-13	7.45E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.68E-04	3.06E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.46E-07	4.09E-04	0.00E+00	3.06E-01	8.60E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
MA101Z	1.39E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.45E-02	8.26E-09	6.53E-05	7.16E-04	0.00E+00	0.00E+00	3.88E-13	7.50E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.71E-04	3.07E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.49E-07	4.10E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.07E-01	4.10E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MA102Z	1.39E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.45E-02	8.23E-09	6.53E-05	7.16E-04	0.00E+00	0.00E+00	3.88E-13	7.50E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.72E-04	3.07E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.50E-07	4.11E-04	0.00E+00	3.07E-01	8.63E-10	3.07E-01	3.08E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MA103Z	1.39E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-02	8.21E-09	6.52E-05	7.16E-04	0.00E+00	0.00E+00	3.87E-13	7.44E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.06E-01	0.00E+00	3.36E-11	1.14E-09	1.81E-04	5.48E-07	4.11E-04	0.00E+00	3.06E-01	8.62E-10	3.06E-01	3.06E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
MA104Z	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.06E-05	6.64E-04	0.00E+00	0.00E+00	3.63E-13	6.96E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.29E-04	2.99E-01	0.00E+00	3.20E-11	1.06E-09	1.68E-04	5.20E-07	3.86E-04	0.00E+00	2.99E-01	8.13E-10	2.99E-01	2.99E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05
MA106Z	1.21E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.13E-09	5.69E-05	6.24E-04	0.00E+00	0.00E+00	3.37E-13	6.51E-12	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.46E-10	2.68E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
MA110Z	9.45E-05	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	2.55E-02	1.67E-08	4.12E-05	4.92E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.99E-04	2.69E-01	0.00E+00	4.13E-11	7.98E-10	1.18E-04	5.10E-07	3.88E-04	0.00E+00	2.69E-01	1.53E-09	2.69E-01	2.70E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MA116Z	9.79E-05	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	2.57E-02	1.68E-08	4.27E-05	5.11E-04	0.00E+00	0.00E+00	3.44E-13	6.67E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	7.10E-04	2.75E-01	0.00E+00	4.31E-11	8.41E-10	1.19E-04	5.18E-07	3.93E-04	0.00E+00	2.75E-01	1.54E-09	2.75E-01	2.75E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MA120Z	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.52E-02	1.01E-08	5.86E-05	6.46E-04	0.00E+00	0.00E+00	3.49E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	7.11E-04	2.77E-01	0.00E+00	4.06E-11	1.02E-09	1.62E-04	5.04E-07	3.86E-04	0.00E+00	2.77E-01	1.02E-09	2.77E-01	2.77E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MA125Z	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.55E-02	8.41E-09	5.95E-05	6.53E-04	0.00E+00	0.00E+00	3.56E-13	6.93E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.24E-04	2.82E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.11E-07	3.82E-04	0.00E+00	2.82E-01	9.20E-10	2.82E-01	2.82E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MA132Z	1.43E-04	2.17E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.23E-09	6.50E-05	7.37E-04	0.00E+00	0.00E+00	3.83E-13	7.37E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.65E-04	3.04E-01	0.00E+00	3.37E-11	1.15E-09	1.80E-04	5.44E-07	4.06E-04	0.00E+00	3.04E-01	8.58E-10	3.04E-01	3.04E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05
MA140Z	1.52E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	6.69E-05	7.63E-04	0.00E+00	0.00E+00	3.87E-13	7.45E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.39E-11	1.12E-09	1.87E-04	5.48E-07	4.09E-04	0.00E+00	3.06E-01	8.61E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MA150Z	1.64E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.70E-09	7.49E-05	8.12E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.16E-04	3.21E-01	0.00E+00	3.55E-11	1.26E-09	1.96E-04	5.79E-07	4.36E-04	0.00E+00	3.21E-01	9.14E-10	3.21E-01	3.20E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.79E-05
MA163Z	1.66E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.74E-09	7.54E-05	8.13E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.17E-04	3.21E-01	0.00E+00	3.55E-11	1.26E-09	1.96E-04	5.80E-07	4.37E-04	0.00E+00	3.21E-01	9.18E-10	3.21E-01	3.21E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05
MA200Z	3.45E-04	4.06E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.64E-02	1.32E-08	1.32E-04	1.51E-03	0.00E+00	0.00E+00	6.42E-13	1.22E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.06E-03	5.16E-01	0.00E+00	6.33E-11	2.49E-09	3.49E-04	7.40E-07	5.55E-04	0.00E+00	5.16E-01	1.28E-09	5.16E-01	5.02E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MA201Z	2.75E-04	4.07E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.78E-02	1.59E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	6.74E-13	1.31E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.36E-03	5.19E-01	0.00E+00	6.40E-11	2.22E-09	3.55E-04	9.50E-07	7.24E-04	0.00E+00	5.19E-01	1.65E-09	5.19E-01	5.04E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MA202Z	2.72E-04	4.04E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.57E-02	1.57E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	6.50E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06	1.33E-03	5.17E-01	0.00E+00	6.27E-11	2.20E-09	3.51E-04	9.30E-07	7.11E-04	0.00E+00	5.17E-01	1.61E-09	5.17E-01	5.02E-01	7.11E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MA203Z	2.73E-04	4.05E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.58E-02	1.57E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	6.52E-13	1.23E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.33E-03	5.19E-01	0.00E+00	6.32E-11	2.21E-09	3.52E-04	9.31E-07	7.13E-04	0.00E+00	5.19E-01	1.61E-09	5.19E-01	5.03E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MA204Z	3.66E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.57E-02	1.31E-08	1.40E-04	1.59E-03	0.00E+00	0.00E+00	6.37E-13	1.22E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	1.06E-03	5.14E-01	0.00E+00	6.26E-11	2.51E-09	3.74E-04	7.39E-07	5.53E-04	0.00E+00	5.14E-01	1.27E-09	5.14E-01	5.00E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MA206Z	3.19E-04	3.62E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.32E-02	1.17E-08	1.16E-04	1.35E-03	0.00E+00	0.00E+00	5.64E-13	1.11E-11	7.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	9.19E-04	4.73E-01	0.00E+00	5.66E-11	2.25E-09	3.13E-04	6.30E-07	4.85E-04	0.00E+00	4.73E-01	1.15E-09	4.73E-01	4.60E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
MA210Z	3.21E-04	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.42E-02	1.27E-08	1.17E-04	1.36E-03	0.00E+00	0.00E+00	5.65E-13	1.12E-11	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	9.20E-04	4.78E-01	0.00E+00	5.72E-11	2.27E-09	3.15E-04	6.13E-07	4.73E-04	0.00E+00	4.78E-01	1.28E-09	4.78E-01	4.63E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
MA216Z	3.24E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.46E-02	1.27E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.69E-13	1.13E-11	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	9.23E-04	4.82E-01	0.00E+00	5.80E-11	2.30E-09	3.19E-04	6.14E-07	4.75E-04	0.00E+00	4.82E-01	1.29E-09	4.82E-01	4.67E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MA220Z	3.25E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.28E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.70E-13	1.14E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.26E-04	4.83E-01	0.00E+00	5.81E-11	2.30E-09	3.20E-04	6.17E-07	4.77E-04	0.00E+00	4.83E-01	1.30E-09	4.83E-01	4.68E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MA225Z	3.25E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.30E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.27E-04	4.83E-01	0.00E+00	5.84E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.68E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MA232Z	2.70E-04	3.99E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.73E-02	1.57E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	6.53E-13	1.28E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.34E-03	5.13E-01	0.00E+00	6.27E-11	2.17E-09	3.47E-04	9.54E-07	7.16E-04	0.00E+00	5.13E-01	1.65E-09	5.13E-01	4.97E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MA240Z	2.72E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.83E-02	1.62E-08	1.28E-04	1.40E-03	0.00E+00	0.00E+00	7.59E-13	1.47E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.51E-03	6.01E-01	0.00E+00	6.60E-11	2.22E-09	3.53E-04	1.08E-06	8.03E-04	0.00E+00	6.01E-01	1.70E-09	6.01E-01	6.02E-01	8.03E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MA250Z	3.71E-04	4.07E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.67E-02	1.36E-08	1.36E-04	1.52E-03	0.00E+00	0.00E+00	6.60E-13	1.26E-11	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.07E-03	5.21E-01	0.00E+00	6.46E-11	2.58E-09	3.54E-04	7.50E-07	5.71E-04	0.00E+00	5.21E-01	1.35E-09	5.21E-01	5.04E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MA263Z	3.74E-04	4.12E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.67E-02	1.37E-08	1.37E-04	1.53E-03	0.00E+00	0.00E+00	6.65E-13	1.27E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.07E-03	5.23E-01	0.00E+00	6.50E-11	2.60E-09	3.58E-04	7.52E-07	5.79E-04	0.00E+00	5.23E-01	1.36E-09	5.23E-01	5.06E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MA300Z	4.31E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.31E-02	1.97E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.15E-12	2.16E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.29E-03	9.14E-01	0.00E+00	9.94E-11	3.31E-09	5.27E-04	1.63E-06	1.20E-03	0.00E+00	9.14E-01	1.98E-09	9.14E-01	9.20E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MA301Z	4.32E-04	6.61E-02	0.00E+00	6.62E-02	0.00E+00	0.00E+00	4.33E-02	2.47E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.30E-03	9.14E-01	0.00E+00	1.01E-10	3.42E-09	5.47E-04	1.65E-06	1.22E-03	0.00E+00	9.14E-01	2.58E-09	9.14E-01	9.20E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MA302Z	4.33E-04	6.61E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.33E-02	2.46E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.30E-03	9.13E-01	0.00E+00	1.01E-10	3.43E-09	5.47E-04	1.65E-06	1.22E-03	0.00E+00	9.13E-01	2.57E-09	9.13E-01	9.19E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MA303Z	4.32E-04	6.54E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.31E-02	2.11E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.15E-12	2.16E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.30E-03	9.11E-01	0.00E+00	9.95E-11	3.33E-09	5.29E-04	1.63E-06	1.20E-03	0.00E+00	9.11E-01	2.17E-09	9.11E-01	9.17E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MA304Z	4.32E-04	6.55E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.31E-02	1.98E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.15E-12	2.16E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.29E-03	9.14E-01	0.00E+00	9.94E-11	3.31E-09	5.27E-04	1.64E-06	1.20E-03	0.00E+00	9.14E-01	1.99E-09	9.14E-01	9.20E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MA306Z	3.56E-04	5.55E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	3.43E-02	2.07E-08	1.64E-04	1.81E-03	0.00E+00	0.00E+00	9.83E-13	1.74E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.86E-03	7.79E-01	0.00E+00	8.22E-11	2.86E-09	4.58E-04	1.33E-06	9.85E-04	0.00E+00	7.79E-01	1.88E-09	7.79E-01	7.80E-01	9.85E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MA310Z	3.98E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.57E-02	1.72E-08	1.68E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.76E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.77E-03	7.84E-01	0.00E+00	8.29E-11	2.94E-09	4.61E-04	1.26E-06	9.32E-04	0.00E+00	7.84E-01	1.78E-09	7.84E-01	7.85E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MA316Z	3.98E-04	5.59E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.58E-02	1.72E-08	1.68E-04	1.86E-03	0.00E+00	0.00E+00	1.01E-12	1.76E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.78E-03	7.85E-01	0.00E+00	8.31E-11	2.94E-09	4.61E-04	1.26E-06	9.35E-04	0.00E+00	7.85E-01	1.78E-09	7.85E-01	7.84E-01	9.35E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MA320Z	3.68E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.63E-02	1.87E-08	1.69E-04	1.85E-03	0.00E+00	0.00E+00	1.04E-12	1.86E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.98E-03	8.18E-01	0.00E+00	8.64E-11	2.95E-09	4.71E-04	1.40E-06	1.04E-03	0.00E+00	8.18E-01	1.98E-09	8.18E-01	8.17E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MA325Z	4.15E-04	5.97E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.94E-02	1.83E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.07E-03	8.40E-01	0.00E+00	9.05E-11	3.06E-09	4.81E-04	1.46E-06	1.08E-03	0.00E+00	8.40E-01	1.85E-09	8.40E-01	8.41E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MA332Z	4.20E-04	6.62E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.33E-02	2.49E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.16E-12	2.25E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.23E-01	0.00E+00	1.02E-10	3.42E-09	5.46E-04	1.66E-06	1.23E-03	0.00E+00	9.23E-01	2.60E-09	9.23E-01	9.24E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MA340Z	4.22E-04	6.66E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.26E-01	0.00E+00	1.02E-10	3.44E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.26E-01	2.60E-09	9.26E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MA350Z	4.58E-04	6.79E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.55E-02	2.02E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.22E-12	2.27E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06	2.39E-03	9.61E-01	0.00E+00	1.06E-10	3.45E-09	5.43E-04	1.66E-06	1.23E-03	0.00E+00	9.61E-01	2.05E-09	9.61E-01	9.61E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MA363Z	4.61E-04	6.83E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	4.57E-02	2.03E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.23E-12	2.29E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.40E-03	9.68E-01	0.00E+00	1.06E-10	3.48E-09	5.45E-04	1.68E-06	1.24E-03	0.00E+00	9.68E-01	2.05E-09	9.68E-01	9.68E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MA400Z	5.03E-04	7.59E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	5.00E-02	2.13E-08	2.22E-04	2.46E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.46E-03	9.77E-01	0.00E+00	1.13E-10	3.90E-09	6.18E-04	1.76E-06	1.28E-03	0.00E+00	9.77E-01	2.14E-09	9.77E-01	9.80E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MA401Z	5.14E-04	8.51E-02	0.00E+00	8.47E-02	0.00E+00	0.00E+00	5.49E-02	3.16E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.49E-12	2.87E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.91E-03	1.17E+00	0.00E+00	1.27E-10	4.18E-09	6.71E-04	2.08E-06	1.54E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.17E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MA402Z	5.15E-04	8.53E-02	0.00E+00	8.49E-02	0.00E+00	0.00E+00	5.49E-02	3.17E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.92E-03	1.17E+00	0.00E+00	1.28E-10	4.19E-09	6.71E-04	2.08E-06	1.55E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.17E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MA403Z	5.03E-04	7.59E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	5.00E-02	2.12E-08	2.22E-04	2.46E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.45E-03	9.76E-01	0.00E+00	1.13E-10	3.91E-09	6.18E-04	1.76E-06	1.27E-03	0.00E+00	9.76E-01	2.13E-09	9.76E-01	9.79E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MA404Z	5.03E-04	7.59E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	5.00E-02	2.13E-08	2.22E-04	2.46E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.46E-03	9.77E-01	0.00E+00	1.13E-10	3.91E-09	6.18E-04	1.77E-06	1.28E-03	0.00E+00	9.77E-01	2.14E-09	9.77E-01	9.80E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MA406Z	4.75E-04	7.10E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.66E-02	2.20E-08	2.12E-04	2.34E-03	0.00E+00	0.00E+00	1.25E-12	2.35E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.35E-03	9.23E-01	0.00E+00	1.06E-10	3.72E-09	5.92E-04	1.66E-06	1.21E-03	0.00E+00	9.23E-01	2.28E-09	9.23E-01	9.20E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MA416Z	4.75E-04	7.16E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.65E-02	2.17E-08	2.13E-04	2.34E-03	0.00E+00	0.00E+00	1.25E-12	2.37E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-06	2.36E-03	9.26E-01	0.00E+00	1.07E-10	3.72E-09	5.93E-04	1.66E-06	1.22E-03	0.00E+00	9.26E-01	2.25E-09	9.26E-01	9.25E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MA420Z	4.81E-04	7.27E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.70E-02	2.17E-08	2.16E-04	2.38E-03	0.00E+00	0.00E+00	1.28E-12	2.40E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.40E-03	9.40E-01	0.00E+00	1.09E-10	3.82E-09	6.01E-04	1.68E-06	1.24E-03	0.00E+00	9.40E-01	2.28E-09	9.40E-01	9.35E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MA425Z	4.85E-04	7.31E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.70E-02	2.05E-08	2.16E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.39E-03	9.44E-01	0.00E+00	1.09E-10	3.82E-09	6.03E-04	1.69E-06	1.24E-03	0.00E+00	9.44E-01	2.11E-09	9.44E-01	9.38E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MA432Z	5.14E-04	8.53E-02	0.00E+00	8.53E-02	0.00E+00	0.00E+00	5.57E-02	3.20E-08	2.46E-04	2.70E-03	0.00E+00	0.00E+00	1.50E-12	2.89E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-06	2.99E-03	1.19E+00	0.00E+00	1.31E-10	4.19E-09	6.74E-04	2.13E-06	1.58E-03	0.00E+00	1.19E+00	3.35E-09	1.19E+00	1.19E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MA440Z	5.18E-04	8.61E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.47E-04	2.72E-03	0.00E+00	0.00E+00	1.51E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.23E-09	6.80E-04	2.16E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MA450Z	5.26E-04	8.31E-02	0.00E+00	8.31E-02	0.00E+00	0.00E+00	5.44E-02	2.38E-08	2.40E-04	2.62E-03	0.00E+00	0.00E+00	1.45E-12	2.74E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.63E-03	1.04E+00	0.00E+00	1.23E-10	4.07E-09	6.48E-04	1.88E-06	1.37E-03	0.00E+00	1.04E+00	2.45E-09	1.04E+00	1.04E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MA463Z	5.30E-04	8.40E-02	0.00E+00	8.39E-02	0.00E+00	0.00E+00	5.48E-02	3.00E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.46E-12	2.86E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06	2.64E-03	1.05E+00	0.00E+00	1.25E-10	4.26E-09	6.95E-04	1.91E-06	1.39E-03	0.00E+00	1.05E+00	3.12E-09	1.05E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MB106A	1.42E-04	2.56E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.57E-02	1.12E-08	7.35E-05	7.87E-04	0.00E+00	0.00E+00	4.55E-13	1.02E-11	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	1.29E-03	3.76E-01	0.00E+00	3.44E-11	1.20E-09	2.07E-04	8.98E-07	6.74E-04	0.00E+00	3.76E-01	1.35E-09	3.76E-01	3.90E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05
MB110A	1.08E-04	1.74E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.13E-02	6.59E-09	5.04E-05	5.53E-04	0.00E+00	0.00E+00	3.04E-13	6.00E-12	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.06E-04	2.40E-01	0.00E+00	2.68E-11	8.79E-10	1.39E-04	4.31E-07	3.21E-04	0.00E+00	2.40E-01	6.94E-10	2.40E-01	2.40E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
MB113A	1.39E-04	2.01E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.72E-02	1.28E-08	6.02E-05	7.03E-04	0.00E+00	0.00E+00	3.64E-13	7.54E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.89E-04	2.76E-01	0.00E+00	3.97E-11	1.07E-09	1.75E-04	7.26E-07	5.51E-04	0.00E+00	2.76E-01	1.45E-09	2.76E-01	2.77E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MB116A	1.08E-04	1.73E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	5.04E-05	5.52E-04	0.00E+00	0.00E+00	3.04E-13	5.94E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.06E-04	2.40E-01	0.00E+00	2.68E-11	8.80E-10	1.39E-04	4.31E-07	3.21E-04	0.00E+00	2.40E-01	6.86E-10	2.40E-01	2.40E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MB120A	1.08E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	5.04E-05	5.52E-04	0.00E+00	0.00E+00	3.04E-13	5.95E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.05E-04	2.40E-01	0.00E+00	2.68E-11	8.79E-10	1.39E-04	4.31E-07	3.20E-04	0.00E+00	2.40E-01	6.86E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
MB125A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.55E-02	8.40E-09	5.95E-05	6.53E-04	0.00E+00	0.00E+00	3.55E-13	6.93E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.22E-04	2.81E-01	0.00E+00	3.80E-11	1.04E-09	1.65E-04	5.11E-07	3.81E-04	0.00E+00	2.81E-01	9.20E-10	2.81E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
MB132A	1.38E-04	2.17E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.23E-09	6.51E-05	7.52E-04	0.00E+00	0.00E+00	3.83E-13	7.38E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.05E-01	0.00E+00	3.37E-11	1.11E-09	1.81E-04	5.45E-07	4.07E-04	0.00E+00	3.05E-01	8.58E-10	3.05E-01	3.04E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05
MB140A	1.37E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.58E-02	1.08E-08	6.34E-05	7.38E-04	0.00E+00	0.00E+00	4.04E-13	8.01E-12	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	1.03E-03	3.15E-01	0.00E+00	3.45E-11	1.10E-09	1.78E-04	7.74E-07	5.65E-04	0.00E+00	3.15E-01	1.32E-09	3.15E-01	3.15E-01	5.65E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05
MB150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MB163A	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.78E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MB197	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.43E-09	5.88E-05	6.45E-04	0.00E+00	0.00E+00	3.48E-13	6.74E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.96E-07	3.69E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.77E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
MB199	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MB206A	2.52E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.70E-02	1.98E-08	1.20E-04	1.32E-03	0.00E+00	0.00E+00	7.00E-13	1.54E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.48E-03	5.61E-01	0.00E+00	6.96E-11	2.09E-09	3.37E-04	1.07E-06	8.02E-04	0.00E+00	5.61E-01	2.02E-09	5.61E-01	5.60E-01	8.02E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MB210A	2.49E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.87E-02	1.97E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	6.96E-13	1.54E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.47E-03	5.57E-01	0.00E+00	7.05E-11	2.08E-09	3.34E-04	1.06E-06	8.02E-04	0.00E+00	5.57E-01	2.02E-09	5.57E-01	5.57E-01	8.02E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MB213A	2.54E-04	4.10E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.91E-02	1.99E-08	1.21E-04	1.34E-03	0.00E+00	0.00E+00	7.05E-13	1.56E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.49E-03	5.65E-01	0.00E+00	7.20E-11	2.11E-09	3.40E-04	1.08E-06	8.11E-04	0.00E+00	5.65E-01	2.04E-09	5.65E-01	5.66E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MB216A	2.20E-04	3.53E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.36E-02	1.69E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.12E-13	1.36E-11	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.29E-03	4.86E-01	0.00E+00	6.27E-11	1.85E-09	3.03E-04	9.40E-07	7.19E-04	0.00E+00	4.86E-01	1.78E-09	4.86E-01	4.85E-01	7.19E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MB220A	2.51E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.89E-02	1.79E-08	1.20E-04	1.32E-03	0.00E+00	0.00E+00	7.05E-13	1.49E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.44E-03	5.64E-01	0.00E+00	7.11E-11	2.08E-09	3.32E-04	1.04E-06	7.77E-04	0.00E+00	5.64E-01	1.87E-09	5.64E-01	5.66E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MB225A	3.24E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.30E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	9.27E-04	4.83E-01	0.00E+00	5.86E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.68E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MB232A	2.78E-04	4.48E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.00E-02	2.06E-08	1.31E-04	1.45E-03	0.00E+00	0.00E+00	7.84E-13	1.65E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-06	1.61E-03	6.16E-01	0.00E+00	7.48E-11	2.26E-09	3.67E-04	1.18E-06	8.78E-04	0.00E+00	6.16E-01	2.17E-09	6.16E-01	6.21E-01	8.78E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MB240A	2.75E-04	4.45E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.95E-02	1.93E-08	1.33E-04	1.47E-03	0.00E+00	0.00E+00	7.71E-13	1.58E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-06	1.58E-03	6.15E-01	0.00E+00	7.52E-11	2.25E-09	3.63E-04	1.15E-06	8.55E-04	0.00E+00	6.15E-01	2.00E-09	6.15E-01	6.17E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MB250A	3.02E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.14E-02	2.14E-08	1.38E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.70E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.66E-03	6.34E-01	0.00E+00	7.56E-11	2.35E-09	3.77E-04	1.22E-06	9.12E-04	0.00E+00	6.34E-01	2.25E-09	6.34E-01	6.34E-01	9.12E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
MB263A	3.06E-04	4.64E-02	0.00E+00	4.63E-02	0.00E+00	0.00E+00	3.15E-02	2.14E-08	1.43E-04	1.55E-03	0.00E+00	0.00E+00	8.15E-13	1.71E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.70E-03	6.39E-01	0.00E+00	7.60E-11	2.38E-09	3.83E-04	1.28E-06	9.42E-04	0.00E+00	6.39E-01	2.25E-09	6.39E-01	6.39E-01	9.42E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MB306A	3.60E-04	6.06E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	1.66E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.87E-03	9.44E-01	0.00E+00	9.84E-11	2.91E-09	4.63E-04	2.18E-06	1.70E-03	0.00E+00	9.44E-01	2.76E-09	9.44E-01	9.54E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MB310A	3.62E-04	6.08E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.24E-02	2.43E-08	1.66E-04	1.84E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.87E-03	9.43E-01	0.00E+00	9.94E-11	2.92E-09	4.65E-04	2.18E-06	1.70E-03	0.00E+00	9.43E-01	2.77E-09	9.43E-01	9.54E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MB313A	3.75E-04	6.21E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	4.32E-02	2.45E-08	1.74E-04	1.93E-03	0.00E+00	0.00E+00	1.14E-12	2.23E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.41E-03	9.51E-01	0.00E+00	1.01E-10	3.04E-09	4.86E-04	1.68E-06	1.27E-03	0.00E+00	9.51E-01	2.59E-09	9.51E-01	9.62E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MB316A	3.12E-04	5.17E-02	0.00E+00	5.15E-02	0.00E+00	0.00E+00	3.09E-02	1.76E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.58E-13	1.65E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.65E-03	6.95E-01	0.00E+00	6.95E-11	2.51E-09	4.08E-04	1.20E-06	8.84E-04	0.00E+00	6.95E-01	1.75E-09	6.95E-01	6.94E-01	8.84E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04

MB320A	3.71E-04	6.20E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.16E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-06	2.41E-03	9.54E-01	0.00E+00	1.02E-10	3.02E-09	4.82E-04	1.67E-06	1.27E-03	0.00E+00	9.54E-01	2.60E-09	9.54E-01	9.62E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
MB325A	4.15E-04	5.97E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.94E-02	1.83E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.07E-03	8.40E-01	0.00E+00	9.08E-11	3.06E-09	4.82E-04	1.46E-06	1.08E-03	0.00E+00	8.40E-01	1.86E-09	8.40E-01	8.41E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MB332A	4.21E-04	6.71E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.62E-02	2.62E-08	1.96E-04	2.16E-03	0.00E+00	0.00E+00	1.25E-12	2.38E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-06	2.51E-03	9.92E-01	0.00E+00	1.09E-10	3.41E-09	5.46E-04	1.80E-06	1.33E-03	0.00E+00	9.92E-01	2.82E-09	9.92E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MB340A	4.22E-04	6.73E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.63E-02	2.62E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.28E-12	2.38E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.61E-03	1.02E+00	0.00E+00	1.13E-10	3.44E-09	5.46E-04	1.88E-06	1.39E-03	0.00E+00	1.02E+00	2.79E-09	1.02E+00	1.02E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MB350A	4.38E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.81E-02	2.79E-08	2.05E-04	2.24E-03	0.00E+00	0.00E+00	1.35E-12	2.50E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-06	2.79E-03	1.11E+00	0.00E+00	1.17E-10	3.54E-09	5.64E-04	1.99E-06	1.50E-03	0.00E+00	1.11E+00	2.98E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MB363A	4.40E-04	7.04E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.85E-02	2.78E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.36E-12	2.50E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.82E-03	1.11E+00	0.00E+00	1.20E-10	3.56E-09	5.66E-04	2.04E-06	1.51E-03	0.00E+00	1.11E+00	2.98E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MB406A	4.70E-04	7.01E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.66E-02	2.19E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.23E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-06	2.34E-03	9.20E-01	0.00E+00	1.06E-10	3.69E-09	5.85E-04	1.65E-06	1.21E-03	0.00E+00	9.20E-01	2.28E-09	9.20E-01	9.17E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MB410A	4.70E-04	7.03E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.63E-02	2.15E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.23E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.34E-03	9.21E-01	0.00E+00	1.06E-10	3.69E-09	5.85E-04	1.66E-06	1.21E-03	0.00E+00	9.21E-01	2.24E-09	9.21E-01	9.20E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MB413A	4.88E-04	8.23E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	5.70E-02	3.06E-08	2.29E-04	2.58E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-06	3.63E-03	1.35E+00	0.00E+00	1.28E-10	3.95E-09	6.40E-04	2.58E-06	1.97E-03	0.00E+00	1.35E+00	3.54E-09	1.35E+00	1.34E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MB416A	4.18E-04	7.43E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	5.48E-02	3.30E-08	1.96E-04	2.19E-03	0.00E+00	0.00E+00	1.33E-12	3.16E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-06	5.53E-03	1.28E+00	0.00E+00	1.17E-10	3.57E-09	5.50E-04	4.59E-06	3.43E-03	0.00E+00	1.28E+00	3.77E-09	1.28E+00	1.28E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MB420A	4.84E-04	7.80E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	5.10E-02	2.92E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.39E-12	2.66E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.75E-03	1.09E+00	0.00E+00	1.20E-10	3.97E-09	6.33E-04	1.94E-06	1.46E-03	0.00E+00	1.09E+00	3.06E-09	1.09E+00	1.09E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MB425A	4.85E-04	7.31E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.71E-02	2.18E-08	2.17E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.40E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.40E-03	9.44E-01	0.00E+00	1.09E-10	3.85E-09	6.06E-04	1.69E-06	1.24E-03	0.00E+00	9.44E-01	2.29E-09	9.44E-01	9.39E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MB432A	5.21E-04	8.70E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.77E-02	3.24E-08	2.49E-04	2.78E-03	0.00E+00	0.00E+00	1.52E-12	3.08E-11	2.14E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-06	3.42E-03	1.27E+00	0.00E+00	1.33E-10	4.27E-09	6.87E-04	2.52E-06	1.98E-03	0.00E+00	1.27E+00	3.61E-09	1.27E+00	1.26E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
MB440A	5.17E-04	8.60E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.51E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.23E-09	6.80E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MB450A	5.30E-04	9.07E-02	0.00E+00	9.04E-02	0.00E+00	0.00E+00	5.94E-02	3.40E-08	2.57E-04	2.82E-03	0.00E+00	0.00E+00	1.60E-12	3.09E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.46E-03	1.26E+00	0.00E+00	1.40E-10	4.25E-09	6.93E-04	2.56E-06	1.98E-03	0.00E+00	1.26E+00	3.65E-09	1.26E+00	1.26E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MB463A	5.39E-04	9.23E-02	0.00E+00	9.23E-02	0.00E+00	0.00E+00	6.15E-02	3.43E-08	2.61E-04	2.88E-03	0.00E+00	0.00E+00	1.63E-12	3.27E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-06	3.58E-03	1.36E+00	0.00E+00	1.42E-10	4.35E-09	7.09E-04	2.61E-06	2.03E-03	0.00E+00	1.36E+00	3.69E-09	1.36E+00	1.34E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MB506A	2.50E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.85E-02	1.95E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	6.95E-13	1.53E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.47E-03	5.59E-01	0.00E+00	7.11E-11	2.07E-09	3.36E-04	1.06E-06	8.00E-04	0.00E+00	5.59E-01	2.04E-09	5.59E-01	5.58E-01	8.00E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MB510A	2.50E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.88E-02	1.95E-08	1.20E-04	1.33E-03	0.00E+00	0.00E+00	6.94E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.47E-03	5.58E-01	0.00E+00	7.10E-11	2.07E-09	3.36E-04	1.06E-06	8.03E-04	0.00E+00	5.58E-01	2.04E-09	5.58E-01	5.58E-01	8.03E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MB513A	2.54E-04	4.14E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.91E-02	1.97E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.01E-13	1.58E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.47E-03	5.62E-01	0.00E+00	7.04E-11	2.09E-09	3.40E-04	1.07E-06	8.07E-04	0.00E+00	5.62E-01	2.03E-09	5.62E-01	5.63E-01	8.07E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MB516A	3.43E-04	3.71E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.47E-02	1.28E-08	1.26E-04	1.45E-03	0.00E+00	0.00E+00	5.69E-13	1.13E-11	7.62E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	9.23E-04	4.82E-01	0.00E+00	5.80E-11	2.34E-09	3.43E-04	6.15E-07	4.76E-04	0.00E+00	4.82E-01	1.29E-09	4.82E-01	4.65E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB520A	3.45E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.48E-02	1.27E-08	1.24E-04	1.44E-03	0.00E+00	0.00E+00	5.65E-13	1.12E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	9.24E-04	4.79E-01	0.00E+00	5.71E-11	2.32E-09	3.40E-04	6.17E-07	4.77E-04	0.00E+00	4.79E-01	1.28E-09	4.79E-01	4.62E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
MB525A	3.53E-04	3.73E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.51E-02	1.30E-08	1.27E-04	1.47E-03	0.00E+00	0.00E+00	5.74E-13	1.14E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	9.24E-04	4.84E-01	0.00E+00	5.84E-11	2.39E-09	3.48E-04	6.16E-07	4.77E-04	0.00E+00	4.84E-01	1.32E-09	4.84E-01	4.67E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB532A	3.36E-04	3.85E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.44E-02	1.26E-08	1.24E-04	1.43E-03	0.00E+00	0.00E+00	6.14E-13	1.18E-11	7.84E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.07E-03	4.98E-01	0.00E+00	5.88E-11	2.37E-09	3.33E-04	7.47E-07	5.66E-04	0.00E+00	4.98E-01	1.28E-09	4.98E-01	4.82E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB540A	2.81E-04	4.49E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.05E-02	2.14E-08	1.38E-04	1.55E-03	0.00E+00	0.00E+00	7.79E-13	1.75E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.74E-03	6.21E-01	0.00E+00	7.76E-11	2.38E-09	3.90E-04	1.36E-06	1.06E-03	0.00E+00	6.21E-01	2.31E-09	6.21E-01	6.26E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MB563A	3.08E-04	4.63E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	3.10E-02	2.05E-08	1.40E-04	1.55E-03	0.00E+00	0.00E+00	7.98E-13	1.66E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	1.65E-03	6.36E-01	0.00E+00	7.69E-11	2.41E-09	3.87E-04	1.23E-06	9.06E-04	0.00E+00	6.36E-01	2.11E-09	6.36E-01	6.36E-01	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MBA106	4.65E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.48E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.47E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.97E-04	2.79E-01	0.00E+00	3.04E-11	2.74E-09	3.41E-04	5.00E-07	3.70E-04	0.00E+00	2.79E-01	7.82E-10	2.79E-01	2.79E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MBA110	5.21E-04	2.08E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.57E-09	1.33E-04	1.45E-03	0.00E+00	0.00E+00	3.53E-13	6.94E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.10E-11	3.03E-09	3.73E-04	5.05E-07	3.76E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.80E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MBA113	4.59E-04	2.04E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	1.18E-04	1.28E-03	0.00E+00	0.00E+00	3.52E-13	6.91E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	6.98E-04	2.88E-01	0.00E+00	3.07E-11	2.67E-09	3.26E-04	5.01E-07	3.70E-04	0.00E+00	2.88E-01	7.86E-10	2.88E-01	2.89E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05
MBA116	4.47E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.53E-09	1.24E-04	1.32E-03	0.00E+00	0.00E+00	3.52E-13	6.87E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.02E-04	2.79E-01	0.00E+00	3.09E-11	2.67E-09	3.36E-04	5.03E-07	3.72E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MBA120	4.66E-04	2.08E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.57E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.83E-01	0.00E+00	3.11E-11	2.75E-09	3.44E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MBA125	4.47E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.53E-09	1.23E-04	1.32E-03	0.00E+00	0.00E+00	3.55E-13	6.91E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.84E-01	0.00E+00	3.09E-11	2.67E-09	3.35E-04	5.07E-07	3.76E-04	0.00E+00	2.84E-01	7.88E-10	2.84E-01	2.84E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MBA132	4.38E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.42E-02	8.04E-09	1.17E-04	1.30E-03	0.00E+00	0.00E+00	3.76E-13	7.31E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.58E-04	3.02E-01	0.00E+00	3.28E-11	2.61E-09	3.26E-04	5.40E-07	4.03E-04	0.00E+00	3.02E-01	8.42E-10	3.02E-01	3.01E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
MBA150	1.41E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.45E-02	8.43E-09	6.88E-05	7.55E-04	0.00E+00	0.00E+00	3.99E-13	7.54E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	8.00E-04	3.10E-01	0.00E+00	3.44E-11	1.14E-09	1.89E-04	5.71E-07	4.21E-04	0.00E+00	3.10E-01	8.88E-10	3.10E-01	3.11E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
MBA163	1.29E-04	2.01E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.30E-02	7.50E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.44E-13	6.74E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.82E-01	0.00E+00	3.07E-11	1.05E-09	1.67E-04	5.04E-07	3.71E-04	0.00E+00	2.82E-01	7.89E-10	2.82E-01	2.83E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
MBA206	4.76E-04	3.63E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.63E-02	1.26E-08	1.52E-04	1.75E-03	0.00E+00	0.00E+00	6.11E-13	1.16E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.90E-09	4.21E-04	7.37E-07	5.49E-04	0.00E+00	4.91E-01	1.24E-09	4.91E-01	4.78E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MBA210	3.82E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.90E-02	1.53E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.43E-03	5.64E-01	0.00E+00	6.63E-11	2.49E-09	3.77E-04	1.03E-06	7.53E-04	0.00E+00	5.64E-01	1.60E-09	5.64E-01	5.64E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBA216	3.84E-04	3.90E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	2.91E-02	1.61E-08	1.37E-04	1.53E-03	0.00E+00	0.00E+00	7.14E-13	1.39E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.45E-03	5.66E-01	0.00E+00	6.68E-11	2.50E-09	3.73E-04	1.05E-06	7.69E-04	0.00E+00	5.66E-01	1.68E-09	5.66E-01	5.68E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBA220	3.89E-04	3.91E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.92E-02	1.52E-08	1.45E-04	1.60E-03	0.00E+00	0.00E+00	7.26E-13	1.39E-11	9.89E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.45E-03	5.67E-01	0.00E+00	6.43E-11	2.62E-09	4.01E-04	1.04E-06	7.68E-04	0.00E+00	5.67E-01	1.58E-09	5.67E-01	5.71E-01	7.68E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MBA225	3.89E-04	3.91E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.94E-02	1.53E-08	1.45E-04	1.60E-03	0.00E+00	0.00E+00	7.26E-13	1.40E-11	9.94E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.45E-03	5.68E-01	0.00E+00	6.44E-11	2.62E-09	4.01E-04	1.04E-06	7.71E-04	0.00E+00	5.68E-01	1.59E-09	5.68E-01	5.71E-01	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MBA232	3.94E-04	4.49E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.05E-02	1.86E-08	1.36E-04	1.52E-03	0.00E+00	0.00E+00	7.74E-13	1.61E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.63E-03	6.18E-01	0.00E+00	6.68E-11	2.48E-09	3.83E-04	1.18E-06	8.97E-04	0.00E+00	6.18E-01	1.98E-09	6.18E-01	6.15E-01	8.97E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MBA240	4.49E-04	4.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.78E-02	1.33E-08	1.56E-04	1.80E-03	0.00E+00	0.00E+00	6.46E-13	1.22E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.05E-03	5.18E-01	0.00E+00	6.39E-11	2.91E-09	4.26E-04	7.41E-07	5.58E-04	0.00E+00	5.18E-01	1.31E-09	5.18E-01	5.06E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MBA250	4.47E-04	4.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.78E-02	1.34E-08	1.55E-04	1.78E-03	0.00E+00	0.00E+00	6.43E-13	1.21E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.15E-01	0.00E+00	6.39E-11	2.89E-09	4.22E-04	7.41E-07	5.59E-04	0.00E+00	5.15E-01	1.32E-09	5.15E-01	5.05E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MBA263	4.47E-04	4.06E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.80E-02	1.34E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.65E-13	1.24E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.19E-01	0.00E+00	6.40E-11	2.89E-09	4.21E-04	7.46E-07	5.70E-04	0.00E+00	5.19E-01	1.32E-09	5.19E-01	5.07E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MBA306	3.99E-04	5.85E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.92E-02	1.84E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.05E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-06	2.00E-03	8.18E-01	0.00E+00	9.17E-11	3.11E-09	4.90E-04	1.42E-06	1.04E-03	0.00E+00	8.18E-01	1.82E-09	8.18E-01	8.29E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MBA310	3.78E-04	5.90E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	3.95E-02	2.17E-08	1.77E-04	1.95E-03	0.00E+00	0.00E+00	1.05E-12	2.00E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.09E-03	8.17E-01	0.00E+00	9.24E-11	3.02E-09	4.90E-04	1.47E-06	1.08E-03	0.00E+00	8.17E-01	2.29E-09	8.17E-01	8.28E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MBA313	3.95E-04	5.53E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.74E-02	1.74E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	9.99E-13	1.78E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.78E-03	7.79E-01	0.00E+00	8.42E-11	2.98E-09	4.68E-04	1.26E-06	9.25E-04	0.00E+00	7.79E-01	1.72E-09	7.79E-01	7.95E-01	9.25E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MBA316	3.95E-04	5.54E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	3.76E-02	1.74E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.00E-12	1.79E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.76E-06	1.79E-03	7.80E-01	0.00E+00	8.45E-11	2.99E-09	4.68E-04	1.26E-06	9.26E-04	0.00E+00	7.80E-01	1.72E-09	7.80E-01	7.96E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MBA320	3.94E-04	6.22E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	4.07E-02	2.32E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-06	2.21E-03	8.73E-01	0.00E+00	9.86E-11	3.17E-09	5.08E-04	1.55E-06	1.17E-03	0.00E+00	8.73E-01	2.44E-09	8.73E-01	8.75E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MBA325	3.93E-04	6.45E-02	0.00E+00	6.36E-02	0.00E+00	0.00E+00	4.08E-02	2.38E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.10E-12	2.26E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.26E-03	8.98E-01	0.00E+00	9.89E-11	3.17E-09	5.08E-04	1.57E-06	1.19E-03	0.00E+00	8.98E-01	2.45E-09	8.98E-01	8.91E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MBA332	4.22E-04	6.31E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.12E-02	1.88E-08	1.87E-04	2.04E-03	0.00E+00	0.00E+00	1.12E-12	2.07E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.22E-03	8.82E-01	0.00E+00	9.81E-11	3.34E-09	5.17E-04	1.51E-06	1.13E-03	0.00E+00	8.82E-01	1.90E-09	8.82E-01	8.84E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MBA340	4.11E-04	6.39E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.22E-02	2.26E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.29E-03	8.84E-01	0.00E+00	1.01E-10	3.36E-09	5.41E-04	1.60E-06	1.19E-03	0.00E+00	8.84E-01	2.38E-09	8.84E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MBA350	4.34E-04	6.43E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.91E-04	2.09E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.99E-01	0.00E+00	1.00E-10	3.39E-09	5.29E-04	1.57E-06	1.16E-03	0.00E+00	8.99E-01	1.94E-09	8.99E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MBA363	4.38E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.91E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.01E-10	3.41E-09	5.44E-04	1.58E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MBA406	5.04E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.59E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.61E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MBA410	5.03E-04	7.63E-02	0.00E+00	7.67E-02	0.00E+00	0.00E+00	5.04E-02	2.96E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.61E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-06	2.70E-03	1.05E+00	0.00E+00	1.23E-10	4.16E-09	6.48E-04	1.95E-06	1.45E-03	0.00E+00	1.05E+00	3.10E-09	1.05E+00	1.06E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MBA416	5.06E-04	7.74E-02	0.00E+00	7.76E-02	0.00E+00	0.00E+00	5.08E-02	3.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.71E-03	1.06E+00	0.00E+00	1.23E-10	4.10E-09	6.56E-04	1.93E-06	1.44E-03	0.00E+00	1.06E+00	3.17E-09	1.06E+00	1.07E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MBA420	5.10E-04	7.96E-02	0.00E+00	7.98E-02	0.00E+00	0.00E+00	5.16E-02	3.03E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.38E-12	2.72E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.80E-03	1.11E+00	0.00E+00	1.25E-10	4.13E-09	6.62E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.20E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MBA425	5.11E-04	7.97E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.25E-02	3.03E-08	2.45E-04	2.67E-03	0.00E+00	0.00E+00	1.45E-12	2.71E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.83E-03	1.12E+00	0.00E+00	1.28E-10	4.16E-09	6.64E-04	2.02E-06	1.51E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MBA432	5.28E-04	7.75E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	5.06E-02	2.69E-08	2.49E-04	2.71E-03	0.00E+00	0.00E+00	1.37E-12	2.58E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-06	2.49E-03	9.69E-01	0.00E+00	1.18E-10	4.31E-09	6.83E-04	1.76E-06	1.29E-03	0.00E+00	9.69E-01	2.82E-09	9.69E-01	9.75E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MBA440	5.29E-04	7.76E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	5.06E-02	2.56E-08	2.49E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.69E-01	0.00E+00	1.18E-10	4.32E-09	6.86E-04	1.76E-06	1.28E-03	0.00E+00	9.69E-01	2.69E-09	9.69E-01	9.75E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MBA450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.09E-02	2.55E-08	2.51E-04	2.74E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.50E-03	9.71E-01	0.00E+00	1.19E-10	4.37E-09	6.94E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.68E-09	9.71E-01	9.77E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MBA463	5.29E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.09E-02	2.55E-08	2.50E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.50E-03	9.71E-01	0.00E+00	1.19E-10	4.33E-09	6.87E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.68E-09	9.71E-01	9.78E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MBA510	3.84E-04	3.87E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.94E-02	1.52E-08	1.55E-04	1.69E-03	0.00E+00	0.00E+00	7.11E-13	1.37E-11	9.73E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.42E-03	5.65E-01	0.00E+00	6.32E-11	2.73E-09	4.28E-04	1.01E-06	7.53E-04	0.00E+00	5.65E-01	1.58E-09	5.65E-01	5.66E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MBA516	4.53E-04	3.67E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.69E-02	1.27E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.11E-13	1.16E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.04E-03	4.94E-01	0.00E+00	5.97E-11	3.03E-09	4.50E-04	7.39E-07	5.51E-04	0.00E+00	4.94E-01	1.25E-09	4.94E-01	4.82E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBA520	3.90E-04	3.67E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.71E-02	1.53E-08	1.56E-04	1.69E-03	0.00E+00	0.00E+00	6.12E-13	1.16E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.26E-03	4.95E-01	0.00E+00	6.01E-11	2.71E-09	4.30E-04	9.12E-07	6.76E-04	0.00E+00	4.95E-01	1.57E-09	4.95E-01	4.85E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBA525	4.33E-04	3.67E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.72E-02	1.28E-08	1.61E-04	1.81E-03	0.00E+00	0.00E+00	6.12E-13	1.16E-11	7.87E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.05E-03	4.94E-01	0.00E+00	6.00E-11	2.92E-09	4.37E-04	7.39E-07	5.53E-04	0.00E+00	4.94E-01	1.26E-09	4.94E-01	4.83E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MBA540	4.44E-04	4.05E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.85E-02	1.35E-08	1.66E-04	1.87E-03	0.00E+00	0.00E+00	6.47E-13	1.22E-11	8.11E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.05E-03	5.21E-01	0.00E+00	6.39E-11	3.03E-09	4.51E-04	7.42E-07	5.58E-04	0.00E+00	5.21E-01	1.32E-09	5.21E-01	5.09E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MBN006	1.43E-04	1.85E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.21E-02	9.40E-09	7.09E-05	7.98E-04	0.00E+00	0.00E+00	3.19E-13	6.23E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	9.53E-04	2.51E-01	0.00E+00	2.78E-11	1.18E-09	2.10E-04	7.03E-07	5.31E-04	0.00E+00	2.51E-01	1.18E-09	2.51E-01	2.51E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
MBN010	1.46E-04	1.87E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.43E-02	9.58E-09	7.11E-05	8.00E-04	0.00E+00	0.00E+00	3.44E-13	7.10E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	9.75E-04	2.55E-01	0.00E+00	2.88E-11	1.20E-09	2.11E-04	7.10E-07	5.41E-04	0.00E+00	2.55E-01	1.22E-09	2.55E-01	2.56E-01	5.41E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
MBN013	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MBN016	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MBN020	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.10E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.41E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.63E-04	2.63E-01	0.00E+00	2.93E-11	9.73E-10	1.56E-04	4.72E-07	3.51E-04	0.00E+00	2.63E-01	7.45E-10	2.63E-01	2.63E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-05
MBN025	1.26E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.92E-05	6.49E-04	0.00E+00	0.00E+00	3.45E-13	6.74E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.90E-04	2.75E-01	0.00E+00	3.04E-11	1.03E-09	1.64E-04	4.93E-07	3.67E-04	0.00E+00	2.75E-01	7.83E-10	2.75E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
MBN032	1.45E-04	2.28E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.60E-02	1.11E-08	6.73E-05	7.32E-04	0.00E+00	0.00E+00	4.20E-13	8.18E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	1.04E-03	3.34E-01	0.00E+00	3.56E-11	1.18E-09	1.94E-04	7.44E-07	5.64E-04	0.00E+00	3.34E-01	1.34E-09	3.34E-01	3.33E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05
MBN040	1.44E-04	2.27E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.60E-02	1.10E-08	6.72E-05	7.29E-04	0.00E+00	0.00E+00	4.18E-13	8.18E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	1.05E-03	3.33E-01	0.00E+00	3.55E-11	1.17E-09	1.94E-04	7.68E-07	5.67E-04	0.00E+00	3.33E-01	1.34E-09	3.33E-01	3.31E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
MBN106	1.14E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.18E-02	6.73E-09	5.33E-05	5.84E-04	0.00E+00	0.00E+00	3.15E-13	6.10E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.30E-04	2.50E-01	0.00E+00	2.75E-11	9.24E-10	1.47E-04	4.49E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.51E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05
MBN106A	1.46E-04	1.91E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.43E-02	9.67E-09	7.13E-05	7.93E-04	0.00E+00	0.00E+00	3.49E-13	7.18E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	9.80E-04	2.60E-01	0.00E+00	2.92E-11	1.21E-09	2.12E-04	7.22E-07	5.44E-04	0.00E+00	2.60E-01	1.22E-09	2.60E-01	2.60E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MBN106E	1.14E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.84E-04	0.00E+00	0.00E+00	3.15E-13	6.10E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.29E-04	2.50E-01	0.00E+00	2.75E-11	9.23E-10	1.47E-04	4.48E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.50E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05
MBN106P	1.28E-03	3.53E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.09E-02	1.20E-08	3.15E-04	3.32E-03	0.00E+00	0.00E+00	5.27E-13	1.15E-11	7.33E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.52E-01	0.00E+00	4.53E-11	6.82E-09	8.72E-04	7.64E-07	5.73E-04	0.00E+00	4.52E-01	1.25E-09	4.52E-01	4.50E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MBN106W	1.44E-04	1.84E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.20E-02	6.84E-09	7.26E-05	8.16E-04	0.00E+00	0.00E+00	3.17E-13	6.19E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.28E-04	2.50E-01	0.00E+00	2.76E-11	1.19E-09	2.14E-04	4.45E-07	3.33E-04	0.00E+00	2.50E-01	7.21E-10	2.50E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
MBN110	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.09E-02	6.27E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.94E-13	5.68E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.86E-04	2.33E-01	0.00E+00	2.56E-11	8.60E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.58E-10	2.33E-01	2.33E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
MBN110E	1.02E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.75E-02	1.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	4.35E-13	9.71E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.94E-04	3.70E-01	0.00E+00	3.81E-11	5.36E-09	6.77E-04	6.21E-07	4.74E-04	0.00E+00	3.70E-01	1.05E-09	3.70E-01	3.71E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.63E-05
MBN110P	1.03E-03	2.91E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.24E-04	2.39E-03	0.00E+00	0.00E+00	4.38E-13	9.81E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.99E-04	3.70E-01	0.00E+00	3.83E-11	4.88E-09	6.41E-04	6.23E-07	4.71E-04	0.00E+00	3.70E-01	1.06E-09	3.70E-01	3.72E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
MBN110W	9.86E-04	2.95E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.74E-02	9.85E-09	2.14E-04	2.32E-03	0.00E+00	0.00E+00	4.37E-13	9.57E-12	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.95E-04	3.73E-01	0.00E+00	3.84E-11	5.11E-09	6.01E-04	6.21E-07	4.79E-04	0.00E+00	3.73E-01	1.03E-09	3.73E-01	3.72E-01	4.79E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05
MBN113	1.06E-04	1.72E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	4.98E-05	5.46E-04	0.00E+00	0.00E+00	3.03E-13	5.96E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	5.99E-04	2.37E-01	0.00E+00	2.68E-11	8.58E-10	1.38E-04	4.25E-07	3.16E-04	0.00E+00	2.37E-01	6.89E-10	2.37E-01	2.38E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05

MBN113E	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.55E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
MBN116E	1.02E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	4.37E-13	9.74E-12	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.96E-04	3.72E-01	0.00E+00	3.82E-11	5.38E-09	6.79E-04	6.23E-07	4.75E-04	0.00E+00	3.72E-01	1.05E-09	3.72E-01	3.72E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05
MBN116P	1.21E-03	2.90E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.33E-04	2.50E-03	0.00E+00	0.00E+00	4.37E-13	9.79E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.99E-04	3.69E-01	0.00E+00	3.83E-11	5.27E-09	6.51E-04	6.23E-07	4.71E-04	0.00E+00	3.69E-01	1.06E-09	3.69E-01	3.72E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MBN116W	9.86E-04	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.74E-02	9.85E-09	2.14E-04	2.32E-03	0.00E+00	0.00E+00	4.38E-13	9.57E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.94E-04	3.73E-01	0.00E+00	3.84E-11	5.11E-09	6.01E-04	6.21E-07	4.79E-04	0.00E+00	3.73E-01	1.03E-09	3.73E-01	3.72E-01	4.79E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05
MBN120	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.90E-05	5.38E-04	0.00E+00	0.00E+00	2.90E-13	5.62E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.80E-04	2.30E-01	0.00E+00	2.53E-11	8.51E-10	1.36E-04	4.13E-07	3.07E-04	0.00E+00	2.30E-01	6.50E-10	2.30E-01	2.31E-01	3.07E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-05
MBN120E	1.03E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.79E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.01E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.26E-07	4.78E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
MBN120P	1.21E-03	2.90E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.33E-04	2.51E-03	0.00E+00	0.00E+00	4.38E-13	9.82E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.99E-04	3.69E-01	0.00E+00	3.83E-11	5.29E-09	6.52E-04	6.23E-07	4.71E-04	0.00E+00	3.69E-01	1.06E-09	3.69E-01	3.71E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MBN125	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.11E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.65E-01	0.00E+00	2.91E-11	9.77E-10	1.56E-04	4.74E-07	3.53E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05
MBN125A	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.33E-02	7.55E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.57E-13	6.96E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.06E-04	2.81E-01	0.00E+00	3.04E-11	1.04E-09	1.65E-04	5.02E-07	3.75E-04	0.00E+00	2.81E-01	7.95E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
MBN125E	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.37E-09	5.83E-05	6.40E-04	0.00E+00	0.00E+00	3.45E-13	6.68E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.91E-07	3.66E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-05
MBN125P	1.28E-03	3.55E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.13E-02	1.21E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.28E-13	1.17E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.10E-03	4.53E-01	0.00E+00	4.71E-11	6.86E-09	8.80E-04	7.66E-07	5.78E-04	0.00E+00	4.53E-01	1.27E-09	4.53E-01	4.52E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MBN125W	1.43E-04	2.55E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.59E-02	1.00E-08	6.43E-05	7.33E-04	0.00E+00	0.00E+00	4.65E-13	9.58E-12	7.48E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	1.28E-03	3.80E-01	0.00E+00	3.45E-11	1.12E-09	1.95E-04	8.91E-07	6.62E-04	0.00E+00	3.80E-01	1.28E-09	3.80E-01	3.96E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MBN132	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MBN132A	1.34E-04	2.16E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	1.07E-08	6.26E-05	7.28E-04	0.00E+00	0.00E+00	3.87E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.00E-03	3.14E-01	0.00E+00	3.39E-11	1.08E-09	1.76E-04	7.41E-07	5.52E-04	0.00E+00	3.14E-01	1.30E-09	3.14E-01	3.13E-01	5.52E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
MBN132E	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.76E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MBN132P	1.28E-03	3.56E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.14E-02	1.22E-08	3.09E-04	3.33E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.54E-01	0.00E+00	4.74E-11	6.82E-09	8.73E-04	7.66E-07	5.81E-04	0.00E+00	4.54E-01	1.27E-09	4.54E-01	4.54E-01	5.81E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MBN132W	1.49E-04	2.90E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.82E-02	1.93E-08	7.56E-05	8.09E-04	0.00E+00	0.00E+00	5.07E-13	1.22E-11	7.96E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	1.35E-03	4.14E-01	0.00E+00	4.04E-11	1.32E-09	2.13E-04	9.56E-07	7.45E-04	0.00E+00	4.14E-01	2.21E-09	4.14E-01	4.22E-01	7.45E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MBN140	1.45E-04	2.27E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.48E-02	8.50E-09	6.92E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.64E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	8.19E-04	3.24E-01	0.00E+00	3.50E-11	1.19E-09	1.94E-04	5.75E-07	4.31E-04	0.00E+00	3.24E-01	8.90E-10	3.24E-01	3.23E-01	4.31E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05
MBN140A	1.34E-04	2.16E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.44E-02	1.07E-08	6.27E-05	7.29E-04	0.00E+00	0.00E+00	3.87E-13	7.39E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.01E-03	3.14E-01	0.00E+00	3.40E-11	1.08E-09	1.76E-04	7.65E-07	5.55E-04	0.00E+00	3.14E-01	1.30E-09	3.14E-01	3.13E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
MBN140E	1.45E-04	2.27E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.48E-02	8.47E-09	6.73E-05	7.33E-04	0.00E+00	0.00E+00	4.02E-13	7.64E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	8.18E-04	3.23E-01	0.00E+00	3.50E-11	1.19E-09	1.93E-04	5.74E-07	4.33E-04	0.00E+00	3.23E-01	8.89E-10	3.23E-01	3.22E-01	4.33E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05
MBN140P	1.29E-03	3.57E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	3.09E-04	3.33E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.45E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.54E-01	0.00E+00	4.74E-11	6.83E-09	8.74E-04	7.66E-07	5.81E-04	0.00E+00	4.54E-01	1.27E-09	4.54E-01	4.55E-01	5.81E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MBN140W	1.48E-04	2.90E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.82E-02	1.94E-08	7.53E-05	8.06E-04	0.00E+00	0.00E+00	5.05E-13	1.22E-11	7.96E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.35E-03	4.13E-01	0.00E+00	4.03E-11	1.31E-09	2.13E-04	9.65E-07	7.42E-04	0.00E+00	4.13E-01	2.20E-09	4.13E-01	4.21E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MBN150	1.48E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.50E-02	8.63E-09	7.18E-05	8.04E-04	0.00E+00	0.00E+00	4.04E-13	7.77E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.05E-04	3.18E-01	0.00E+00	3.54E-11	1.22E-09	1.95E-04	5.74E-07	4.25E-04	0.00E+00	3.18E-01	9.05E-10	3.18E-01	3.18E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.74E-05
MBN150E	1.48E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.63E-09	7.18E-05	8.03E-04	0.00E+00	0.00E+00	4.04E-13	7.76E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.04E-04	3.18E-01	0.00E+00	3.53E-11	1.22E-09	1.95E-04	5.74E-07	4.25E-04	0.00E+00	3.18E-01	9.05E-10	3.18E-01	3.18E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MBN150P	1.31E-03	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.21E-02	1.27E-08	3.09E-04	3.37E-03	0.00E+00	0.00E+00	5.67E-13	1.26E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.13E-03	4.76E-01	0.00E+00	4.85E-11	6.99E-09	8.94E-04	7.98E-07	6.07E-04	0.00E+00	4.76E-01	1.26E-09	4.76E-01	4.76E-01	6.07E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MBN150W	1.48E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.63E-09	7.17E-05	8.03E-04	0.00E+00	0.00E+00	4.04E-13	7.76E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.04E-04	3.18E-01	0.00E+00	3.53E-11	1.21E-09	1.95E-04	5.74E-07	4.25E-04	0.00E+00	3.18E-01	9.06E-10	3.18E-01	3.18E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MBN163	1.50E-04	2.27E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.66E-09	7.23E-05	8.05E-04	0.00E+00	0.00E+00	4.05E-13	7.77E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.06E-04	3.19E-01	0.00E+00	3.54E-11	1.22E-09	1.96E-04	5.74E-07	4.25E-04	0.00E+00	3.19E-01	9.09E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05
MBN163A	1.56E-04	2.89E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.76E-02	1.09E-08	7.41E-05	8.02E-04	0.00E+00	0.00E+00	5.18E-13	1.04E-11	7.92E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	1.29E-03	4.22E-01	0.00E+00	3.95E-11	1.25E-09	2.02E-04	9.01E-07	6.69E-04	0.00E+00	4.22E-01	1.19E-09	4.22E-01	4.33E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	9.60E-05
MBN163E	1.54E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.51E-02	8.69E-09	7.41E-05	8.17E-04	0.00E+00	0.00E+00	4.04E-13	7.80E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.08E-04	3.20E-01	0.00E+00	3.55E-11	1.22E-09	2.02E-04	5.77E-07	4.27E-04	0.00E+00	3.20E-01	9.12E-10	3.20E-01	3.20E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
MBN163W	1.47E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.51E-02	1.10E-08	6.98E-05	7.82E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	1.04E-03	3.26E-01	0.00E+00	3.55E-11	1.19E-09	1.91E-04	7.61E-07	5.60E-04	0.00E+00	3.26E-01	1.21E-09	3.26E-01	3.26E-01	5.60E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
MBN206	2.32E-04	3.75E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.49E-02	1.71E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.46E-13	1.37E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.32E-03	5.19E-01	0.00E+00	6.57E-11	1.93E-09	3.11E-04	9.56E-07	7.22E-04	0.00E+00	5.19E-01	1.77E-09	5.19E-01	5.20E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MBN206E	2.29E-04	3.61E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.37E-02	1.36E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.27E-03	5.05E-01	0.00E+00	5.55E-11	1.86E-09	2.97E-04	9.04E-07	6.73E-04	0.00E+00	5.05E-01	1.42E-09	5.05E-01	5.05E-01	6.73E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MBN206P	2.67E-03	6.60E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	4.01E-02	2.30E-08	6.19E-04	6.57E-03	0.00E+00	0.00E+00	9.55E-13	2.23E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.00E-03	8.29E-01	0.00E+00	8.77E-11	1.36E-08	1.74E-03	1.40E-06	1.07E-03	0.00E+00	8.29E-01	2.38E-09	8.29E-01	8.35E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MBN210	2.25E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.42E-02	1.70E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.26E-13	1.34E-11	9.07E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.29E-03	5.02E-01	0.00E+00	6.54E-11	1.87E-09	3.02E-04	9.29E-07	7.03E-04	0.00E+00	5.02E-01	1.76E-09	5.02E-01	5.03E-01	7.03E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBN210E	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MBN210P	2.67E-03	6.58E-02	0.00E+00	6.62E-02	0.00E+00	0.00E+00	3.91E-02	2.21E-08	6.17E-04	6.57E-03	0.00E+00	0.00E+00	9.49E-13	2.21E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	1.99E-03	8.32E-01	0.00E+00	8.67E-11	1.36E-08	1.73E-03	1.39E-06	1.07E-03	0.00E+00	8.32E-01	2.34E-09	8.32E-01	8.37E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MBN213	2.26E-04	3.46E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.35E-02	1.37E-08	1.06E-04	1.17E-03	0.00E+00	0.00E+00	5.48E-13	1.11E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.08E-03	4.58E-01	0.00E+00	5.32E-11	1.83E-09	2.92E-04	7.96E-07	5.94E-04	0.00E+00	4.58E-01	1.45E-09	4.58E-01	4.46E-01	5.94E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MBN213E	2.37E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.58E-02	1.66E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.73E-13	1.41E-11	9.63E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.35E-03	5.33E-01	0.00E+00	6.77E-11	1.96E-09	3.14E-04	9.70E-07	7.30E-04	0.00E+00	5.33E-01	1.73E-09	5.33E-01	5.34E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBN216	2.37E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.57E-13	1.27E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.22E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.31E-07	6.95E-04	0.00E+00	5.22E-01	1.47E-09	5.22E-01	5.22E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MBN216A	2.55E-04	4.13E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.79E-02	1.98E-08	1.24E-04	1.39E-03	0.00E+00	0.00E+00	7.18E-13	1.56E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.51E-03	5.74E-01	0.00E+00	7.19E-11	2.15E-09	3.46E-04	1.10E-06	8.23E-04	0.00E+00	5.74E-01	2.04E-09	5.74E-01	5.74E-01	8.23E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MBN216E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN216P	2.08E-03	5.95E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.55E-02	2.07E-08	4.92E-04	5.39E-03	0.00E+00	0.00E+00	8.76E-13	1.97E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.81E-03	7.50E-01	0.00E+00	7.77E-11	1.08E-08	1.40E-03	1.25E-06	9.57E-04	0.00E+00	7.50E-01	2.14E-09	7.50E-01	7.51E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04
MBN220	3.18E-04	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.30E-02	1.15E-08	1.15E-04	1.34E-03	0.00E+00	0.00E+00	5.58E-13	1.11E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	9.30E-04	4.72E-01	0.00E+00	5.58E-11	2.23E-09	3.11E-04	6.36E-07	4.92E-04	0.00E+00	4.72E-01	1.15E-09	4.72E-01	4.60E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MBN220A	2.64E-04	4.27E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.81E-02	1.99E-08	1.28E-04	1.42E-03	0.00E+00	0.00E+00	7.24E-13	1.57E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.55E-03	5.92E-01	0.00E+00	7.20E-11	2.24E-09	3.60E-04	1.13E-06	8.38E-04	0.00E+00	5.92E-01	2.05E-09	5.92E-01	5.91E-01	8.38E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MBN220E	3.14E-04	3.58E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.30E-02	1.14E-08	1.14E-04	1.33E-03	0.00E+00	0.00E+00	5.57E-13	1.11E-11	7.58E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	9.29E-04	4.69E-01	0.00E+00	5.56E-11	2.21E-09	3.07E-04	6.36E-07	4.92E-04	0.00E+00	4.69E-01	1.14E-09	4.69E-01	4.57E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MBN220P	2.77E-03	6.70E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.08E-02	2.29E-08	6.38E-04	6.90E-03	0.00E+00	0.00E+00	9.61E-13	2.23E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.03E-03	8.55E-01	0.00E+00	8.76E-11	1.42E-08	1.80E-03	1.41E-06	1.09E-03	0.00E+00	8.55E-01	2.41E-09	8.55E-01	8.54E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MBN225	3.20E-04	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.31E-02	1.17E-08	1.17E-04	1.36E-03	0.00E+00	0.00E+00	5.63E-13	1.12E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	9.34E-04	4.77E-01	0.00E+00	5.58E-11	2.26E-09	3.14E-04	6.40E-07	4.96E-04	0.00E+00	4.77E-01	1.16E-09	4.77E-01	4.63E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MBN225A	2.76E-04	4.07E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.63E-02	1.50E-08	1.32E-04	1.46E-03	0.00E+00	0.00E+00	5.98E-13	1.29E-11	8.37E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.30E-03	5.15E-01	0.00E+00	6.00E-11	2.31E-09	3.62E-04	9.24E-07	7.01E-04	0.00E+00	5.15E-01	1.58E-09	5.15E-01	4.96E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MBN225E	3.20E-04	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.31E-02	1.17E-08	1.17E-04	1.36E-03	0.00E+00	0.00E+00	5.63E-13	1.12E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	9.34E-04	4.77E-01	0.00E+00	5.58E-11	2.26E-09	3.15E-04	6.40E-07	4.96E-04	0.00E+00	4.77E-01	1.16E-09	4.77E-01	4.64E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MBN225P	2.76E-03	6.84E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	4.27E-02	2.36E-08	6.41E-04	6.90E-03	0.00E+00	0.00E+00	9.77E-13	2.27E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-06	2.06E-03	8.79E-01	0.00E+00	9.00E-11	1.42E-08	1.82E-03	1.45E-06	1.11E-03	0.00E+00	8.79E-01	2.43E-09	8.79E-01	8.83E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MBN232	3.41E-04	4.63E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	3.33E-02	2.00E-08	1.43E-04	1.62E-03	0.00E+00	0.00E+00	7.94E-13	1.70E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.64E-03	6.45E-01	0.00E+00	7.76E-11	2.43E-09	4.11E-04	1.19E-06	8.91E-04	0.00E+00	6.45E-01	2.06E-09	6.45E-01	6.45E-01	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MBN232A	2.75E-04	4.37E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.44E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.54E-03	6.11E-01	0.00E+00	6.67E-11	2.28E-09	3.61E-04	1.10E-06	8.17E-04	0.00E+00	6.11E-01	1.73E-09	6.11E-01	6.11E-01	8.17E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MBN232E	3.46E-04	4.02E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.57E-02	1.32E-08	1.29E-04	1.48E-03	0.00E+00	0.00E+00	6.38E-13	1.20E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.07E-03	5.14E-01	0.00E+00	6.34E-11	2.47E-09	3.46E-04	7.46E-07	5.61E-04	0.00E+00	5.14E-01	1.30E-09	5.14E-01	4.99E-01	5.61E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MBN232P	2.76E-03	7.04E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	4.31E-02	2.38E-08	6.43E-04	7.03E-03	0.00E+00	0.00E+00	1.01E-12	2.29E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.18E-03	9.09E-01	0.00E+00	9.18E-11	1.43E-08	1.81E-03	1.51E-06	1.14E-03	0.00E+00	9.09E-01	2.44E-09	9.09E-01	9.04E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MBN240	3.43E-04	4.66E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.33E-02	2.02E-08	1.46E-04	1.67E-03	0.00E+00	0.00E+00	7.97E-13	1.72E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.65E-03	6.44E-01	0.00E+00	7.80E-11	2.44E-09	4.11E-04	1.20E-06	8.99E-04	0.00E+00	6.44E-01	2.07E-09	6.44E-01	6.44E-01	8.99E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MBN240A	2.74E-04	4.38E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	2.92E-02	1.91E-08	1.33E-04	1.48E-03	0.00E+00	0.00E+00	7.60E-13	1.57E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.57E-03	6.07E-01	0.00E+00	7.49E-11	2.27E-09	3.63E-04	1.14E-06	8.47E-04	0.00E+00	6.07E-01	1.98E-09	6.07E-01	6.09E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MBN240E	2.81E-04	4.44E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.01E-02	2.08E-08	1.36E-04	1.50E-03	0.00E+00	0.00E+00	7.73E-13	1.64E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.65E-03	6.16E-01	0.00E+00	7.64E-11	2.30E-09	3.75E-04	1.20E-06	8.96E-04	0.00E+00	6.16E-01	2.18E-09	6.16E-01	6.19E-01	8.96E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
MBN240P	2.75E-03	7.05E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.33E-02	2.34E-08	6.40E-04	6.98E-03	0.00E+00	0.00E+00	1.01E-12	2.29E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.19E-03	9.11E-01	0.00E+00	9.29E-11	1.43E-08	1.81E-03	1.52E-06	1.15E-03	0.00E+00	9.11E-01	2.43E-09	9.11E-01	9.08E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
MBN250	4.27E-04	4.17E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	2.84E-02	1.37E-08	1.45E-04	1.73E-03	0.00E+00	0.00E+00	6.64E-13	1.26E-11	8.17E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.06E-03	5.29E-01	0.00E+00	6.52E-11	2.69E-09	4.13E-04	7.42E-07	5.64E-04	0.00E+00	5.29E-01	1.39E-09	5.29E-01	5.18E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MBN250A	2.86E-04	4.52E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	3.00E-02	1.70E-08	1.34E-04	1.49E-03	0.00E+00	0.00E+00	7.93E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-06	1.60E-03	6.33E-01	0.00E+00	7.00E-11	2.34E-09	3.69E-04	1.14E-06	8.47E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.33E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MBN250E	2.92E-04	4.66E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	3.13E-02	1.99E-08	1.36E-04	1.52E-03	0.00E+00	0.00E+00	8.14E-13	1.67E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.66E-03	6.47E-01	0.00E+00	7.74E-11	2.36E-09	3.79E-04	1.21E-06	8.90E-04	0.00E+00	6.47E-01	2.07E-09	6.47E-01	6.46E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MBN250P	2.86E-03	7.12E-02	0.00E+00	7.15E-02	0.00E+00	0.00E+00	4.37E-02	2.43E-08	6.51E-04	7.15E-03	0.00E+00	0.00E+00	1.05E-12	2.38E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.10E-03	9.07E-01	0.00E+00	9.42E-11	1.46E-08	1.84E-03	1.46E-06	1.10E-03	0.00E+00	9.07E-01	2.46E-09	9.07E-01	9.08E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
MBN263	4.08E-04	4.24E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	2.85E-02	1.65E-08	1.43E-04	1.70E-03	0.00E+00	0.00E+00	6.87E-13	1.29E-11	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.40E-03	5.36E-01	0.00E+00	6.57E-11	2.66E-09	4.15E-04	1.01E-06	7.55E-04	0.00E+00	5.36E-01	1.74E-09	5.36E-01	5.23E-01	7.55E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MBN263A	2.92E-04	4.73E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.12E-02	1.99E-08	1.41E-04	1.58E-03	0.00E+00	0.00E+00	8.10E-13	1.68E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-06	1.67E-03	6.53E-01	0.00E+00	7.72E-11	2.39E-09	3.81E-04	1.24E-06	9.13E-04	0.00E+00	6.53E-01	2.07E-09	6.53E-01	6.55E-01	9.13E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MBN263E	3.66E-04	4.23E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.70E-02	1.38E-08	1.35E-04	1.55E-03	0.00E+00	0.00E+00	6.72E-13	1.29E-11	8.23E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.08E-03	5.36E-01	0.00E+00	6.67E-11	2.59E-09	3.64E-04	7.50E-07	5.74E-04	0.00E+00	5.36E-01	1.37E-09	5.36E-01	5.18E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MBN263P	2.87E-03	7.18E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.38E-02	2.38E-08	6.56E-04	7.19E-03	0.00E+00	0.00E+00	1.06E-12	2.38E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-06	2.11E-03	9.14E-01	0.00E+00	9.44E-11	1.48E-08	1.85E-03	1.48E-06	1.13E-03	0.00E+00	9.14E-01	2.43E-09	9.14E-01	9.15E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MBN306	3.44E-04	5.90E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	4.01E-02	2.35E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.37E-03	9.36E-01	0.00E+00	9.54E-11	2.79E-09	4.48E-04	1.64E-06	1.24E-03	0.00E+00	9.36E-01	2.49E-09	9.36E-01	9.39E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MBN306A	3.43E-04	5.96E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	4.05E-02	2.37E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	1.09E-12	2.13E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.39E-03	9.41E-01	0.00E+00	9.65E-11	2.84E-09	4.54E-04	1.65E-06	1.25E-03	0.00E+00	9.41E-01	2.52E-09	9.41E-01	9.44E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MBN306E	3.42E-04	5.39E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.49E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	1.90E-03	7.53E-01	0.00E+00	8.28E-11	2.78E-09	4.43E-04	1.35E-06	1.01E-03	0.00E+00	7.53E-01	2.13E-09	7.53E-01	7.54E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MBN306P	3.58E-03	9.81E-02	0.00E+00	9.96E-02	0.00E+00	0.00E+00	6.04E-02	3.42E-08	8.40E-04	9.28E-03	0.00E+00	0.00E+00	1.42E-12	3.21E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.00E-03	1.25E+00	0.00E+00	1.33E-10	1.88E-08	2.38E-03	2.09E-06	1.59E-03	0.00E+00	1.25E+00	3.64E-09	1.25E+00	1.25E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MBN310	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBN310A	3.51E-04	6.02E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	4.09E-02	2.39E-08	1.66E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.14E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.39E-03	9.44E-01	0.00E+00	9.82E-11	2.88E-09	4.62E-04	1.65E-06	1.25E-03	0.00E+00	9.44E-01	2.53E-09	9.44E-01	9.49E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MBN310E	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBN310P	3.58E-03	9.83E-02	0.00E+00	9.95E-02	0.00E+00	0.00E+00	6.05E-02	3.42E-08	8.40E-04	9.27E-03	0.00E+00	0.00E+00	1.41E-12	3.21E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-06	2.98E-03	1.25E+00	0.00E+00	1.32E-10	1.88E-08	2.37E-03	2.07E-06	1.58E-03	0.00E+00	1.25E+00	3.64E-09	1.25E+00	1.24E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
MBN313	3.49E-04	5.50E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	3.54E-02	2.01E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.49E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-06	1.93E-03	7.68E-01	0.00E+00	8.30E-11	2.85E-09	4.60E-04	1.38E-06	1.02E-03	0.00E+00	7.68E-01	2.09E-09	7.68E-01	7.69E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MBN313E	3.52E-04	5.56E-02	0.00E+00	5.56E-02	0.00E+00	0.00E+00	3.62E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.74E-13	1.89E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.91E-06	1.95E-03	7.76E-01	0.00E+00	8.51E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.76E-01	2.18E-09	7.76E-01	7.78E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MBN316	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.48E-11	2.85E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MBN316A	3.54E-04	6.05E-02	0.00E+00	6.08E-02	0.00E+00	0.00E+00	4.10E-02	2.38E-08	1.68E-04	1.84E-03	0.00E+00	0.00E+00	1.12E-12	2.14E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.38E-03	9.44E-01	0.00E+00	9.93E-11	2.91E-09	4.64E-04	1.64E-06	1.25E-03	0.00E+00	9.44E-01	2.52E-09	9.44E-01	9.46E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MBN316E	3.10E-04	4.89E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	3.21E-02	1.84E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.60E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-06	1.72E-03	6.83E-01	0.00E+00	7.50E-11	2.52E-09	4.02E-04	1.22E-06	9.11E-04	0.00E+00	6.83E-01	1.93E-09	6.83E-01	6.84E-01	9.11E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MBN316P	3.01E-03	8.62E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	4.56E-02	2.66E-08	7.00E-04	7.64E-03	0.00E+00	0.00E+00	1.27E-12	2.78E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.59E-03	1.09E+00	0.00E+00	1.01E-10	1.55E-08	1.99E-03	1.82E-06	1.38E-03	0.00E+00	1.09E+00	2.82E-09	1.09E+00	1.08E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MBN320	3.47E-04	5.47E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	3.59E-02	2.06E-08	1.63E-04	1.78E-03	0.00E+00	0.00E+00	9.63E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.92E-03	7.64E-01	0.00E+00	8.40E-11	2.82E-09	4.50E-04	1.37E-06	1.02E-03	0.00E+00	7.64E-01	2.16E-09	7.64E-01	7.65E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MBN320A	3.51E-04	5.56E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	3.53E-02	2.09E-08	1.64E-04	1.79E-03	0.00E+00	0.00E+00	9.93E-13	1.76E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.87E-03	7.81E-01	0.00E+00	8.27E-11	2.85E-09	4.56E-04	1.34E-06	9.94E-04	0.00E+00	7.81E-01	1.94E-09	7.81E-01	7.82E-01	9.94E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MBN320E	3.66E-04	5.77E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.06E-01	0.00E+00	8.86E-11	2.98E-09	4.75E-04	1.44E-06	1.08E-03	0.00E+00	8.06E-01	2.27E-09	8.06E-01	8.07E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MBN320P	3.69E-03	9.95E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	6.06E-02	3.47E-08	8.65E-04	9.57E-03	0.00E+00	0.00E+00	1.44E-12	3.25E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.04E-03	1.28E+00	0.00E+00	1.33E-10	1.94E-08	2.44E-03	2.08E-06	1.60E-03	0.00E+00	1.28E+00	3.69E-09	1.28E+00	1.27E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MBN325	3.66E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.07E-01	0.00E+00	8.87E-11	2.98E-09	4.75E-04	1.45E-06	1.08E-03	0.00E+00	8.07E-01	2.28E-09	8.07E-01	8.08E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04

MBN325A	3.66E-04	5.76E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	3.60E-02	1.93E-08	1.69E-04	1.85E-03	0.00E+00	0.00E+00	1.04E-12	1.84E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.97E-03	8.20E-01	0.00E+00	8.61E-11	2.95E-09	4.70E-04	1.39E-06	1.04E-03	0.00E+00	8.20E-01	1.94E-09	8.20E-01	8.20E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MBN325E	3.62E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.00E-03	7.97E-01	0.00E+00	8.75E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MBN325P	3.68E-03	9.99E-02	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.13E-02	3.51E-08	8.63E-04	9.54E-03	0.00E+00	0.00E+00	1.45E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	3.06E-03	1.28E+00	0.00E+00	1.33E-10	1.93E-08	2.45E-03	2.11E-06	1.61E-03	0.00E+00	1.28E+00	3.70E-09	1.28E+00	1.27E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MBN332	4.03E-04	6.35E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.23E-03	8.87E-01	0.00E+00	9.75E-11	3.28E-09	5.22E-04	1.59E-06	1.18E-03	0.00E+00	8.87E-01	2.50E-09	8.87E-01	8.88E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MBN332A	5.15E-04	7.31E-02	0.00E+00	7.32E-02	0.00E+00	0.00E+00	4.52E-02	2.64E-08	2.32E-04	2.44E-03	0.00E+00	0.00E+00	1.37E-12	2.36E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.74E-09	6.37E-04	1.85E-06	1.35E-03	0.00E+00	1.00E+00	2.82E-09	1.00E+00	9.97E-01	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBN332E	3.95E-04	6.23E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.09E-02	2.34E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.70E-01	0.00E+00	9.56E-11	3.21E-09	5.12E-04	1.56E-06	1.16E-03	0.00E+00	8.70E-01	2.46E-09	8.70E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MBN332P	3.71E-03	1.01E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.22E-02	3.53E-08	8.73E-04	9.64E-03	0.00E+00	0.00E+00	1.49E-12	3.30E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.10E-03	1.30E+00	0.00E+00	1.35E-10	1.97E-08	2.48E-03	2.14E-06	1.64E-03	0.00E+00	1.30E+00	3.70E-09	1.30E+00	1.29E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MBN340	4.06E-04	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.95E-01	0.00E+00	9.83E-11	3.30E-09	5.27E-04	1.60E-06	1.19E-03	0.00E+00	8.95E-01	2.52E-09	8.95E-01	8.96E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MBN340A	5.08E-04	7.30E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.60E-02	2.66E-08	2.31E-04	2.44E-03	0.00E+00	0.00E+00	1.41E-12	2.36E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.57E-03	1.02E+00	0.00E+00	1.16E-10	3.75E-09	6.35E-04	1.94E-06	1.38E-03	0.00E+00	1.02E+00	2.88E-09	1.02E+00	1.02E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MBN340E	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MBN340P	3.72E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.31E-02	3.55E-08	8.79E-04	9.65E-03	0.00E+00	0.00E+00	1.51E-12	3.32E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-06	3.13E-03	1.30E+00	0.00E+00	1.39E-10	1.97E-08	2.49E-03	2.18E-06	1.67E-03	0.00E+00	1.30E+00	3.71E-09	1.30E+00	1.29E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MBN350	4.57E-04	6.80E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.48E-02	2.01E-08	1.96E-04	2.16E-03	0.00E+00	0.00E+00	1.20E-12	2.23E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.52E-01	0.00E+00	1.04E-10	3.41E-09	5.43E-04	1.65E-06	1.22E-03	0.00E+00	9.52E-01	2.03E-09	9.52E-01	9.53E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MBN350A	4.39E-04	7.06E-02	0.00E+00	7.09E-02	0.00E+00	0.00E+00	4.83E-02	2.79E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.47E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.54E-09	5.67E-04	2.03E-06	1.51E-03	0.00E+00	1.11E+00	2.99E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MBN350E	4.29E-04	6.77E-02	0.00E+00	6.77E-02	0.00E+00	0.00E+00	4.44E-02	2.54E-08	2.01E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.38E-03	9.45E-01	0.00E+00	1.04E-10	3.49E-09	5.57E-04	1.69E-06	1.26E-03	0.00E+00	9.45E-01	2.67E-09	9.45E-01	9.47E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MBN350P	3.84E-03	1.04E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.51E-02	3.63E-08	8.93E-04	9.78E-03	0.00E+00	0.00E+00	1.60E-12	3.50E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-06	3.24E-03	1.33E+00	0.00E+00	1.47E-10	2.01E-08	2.53E-03	2.25E-06	1.72E-03	0.00E+00	1.33E+00	3.80E-09	1.33E+00	1.33E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.74E-04
MBN363	4.38E-04	7.07E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.83E-02	2.77E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.35E-12	2.48E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-06	2.82E-03	1.11E+00	0.00E+00	1.19E-10	3.56E-09	5.69E-04	2.04E-06	1.51E-03	0.00E+00	1.11E+00	2.98E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MBN363A	4.38E-04	7.06E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.83E-02	2.78E-08	2.05E-04	2.24E-03	0.00E+00	0.00E+00	1.35E-12	2.48E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.54E-09	5.67E-04	2.04E-06	1.50E-03	0.00E+00	1.11E+00	2.99E-09	1.11E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MBN363E	4.40E-04	6.93E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.55E-02	2.60E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-06	2.44E-03	9.68E-01	0.00E+00	1.06E-10	3.58E-09	5.70E-04	1.74E-06	1.29E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.70E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MBN363P	3.88E-03	1.05E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.50E-02	3.67E-08	9.12E-04	9.98E-03	0.00E+00	0.00E+00	1.59E-12	3.50E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.26E-03	1.34E+00	0.00E+00	1.46E-10	2.04E-08	2.58E-03	2.28E-06	1.74E-03	0.00E+00	1.34E+00	3.81E-09	1.34E+00	1.35E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
MBN406	4.72E-04	7.41E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.84E-02	2.78E-08	2.21E-04	2.44E-03	0.00E+00	0.00E+00	1.30E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.14E-04	1.85E-06	1.38E-03	0.00E+00	1.04E+00	2.90E-09	1.04E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MBN406E	4.51E-04	7.10E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.70E-02	2.69E-08	2.11E-04	2.32E-03	0.00E+00	0.00E+00	1.25E-12	2.43E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.68E-09	5.86E-04	1.80E-06	1.34E-03	0.00E+00	1.00E+00	2.82E-09	1.00E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MBN406P	3.72E-03	9.79E-02	0.00E+00	9.85E-02	0.00E+00	0.00E+00	6.00E-02	3.41E-08	8.69E-04	9.58E-03	0.00E+00	0.00E+00	1.47E-12	3.26E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.03E-03	1.25E+00	0.00E+00	1.34E-10	1.95E-08	2.46E-03	2.09E-06	1.59E-03	0.00E+00	1.25E+00	3.55E-09	1.25E+00	1.25E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBN410	4.71E-04	7.40E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.84E-02	2.77E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.60E-03	1.03E+00	0.00E+00	1.13E-10	3.82E-09	6.12E-04	1.85E-06	1.38E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MBN410E	4.72E-04	7.41E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.84E-02	2.77E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.60E-03	1.03E+00	0.00E+00	1.14E-10	3.83E-09	6.12E-04	1.85E-06	1.38E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MBN410P	3.74E-03	9.79E-02	0.00E+00	9.82E-02	0.00E+00	0.00E+00	6.01E-02	3.42E-08	8.76E-04	9.65E-03	0.00E+00	0.00E+00	1.47E-12	3.25E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.02E-03	1.25E+00	0.00E+00	1.34E-10	1.97E-08	2.48E-03	2.08E-06	1.58E-03	0.00E+00	1.25E+00	3.55E-09	1.25E+00	1.24E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
MBN413	4.67E-04	7.35E-02	0.00E+00	7.36E-02	0.00E+00	0.00E+00	4.78E-02	2.71E-08	2.18E-04	2.40E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.62E-03	1.04E+00	0.00E+00	1.14E-10	3.79E-09	6.05E-04	1.85E-06	1.39E-03	0.00E+00	1.04E+00	2.84E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MBN413E	4.71E-04	7.43E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.86E-02	2.77E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.52E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.10E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.90E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MBN416	4.78E-04	7.53E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.99E-02	2.83E-08	2.24E-04	2.45E-03	0.00E+00	0.00E+00	1.33E-12	2.61E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	2.66E-03	1.05E+00	0.00E+00	1.16E-10	3.89E-09	6.20E-04	1.90E-06	1.41E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MBN416E	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MBN416P	3.44E-03	8.75E-02	0.00E+00	8.64E-02	0.00E+00	0.00E+00	5.34E-02	2.97E-08	7.66E-04	8.49E-03	0.00E+00	0.00E+00	1.37E-12	2.77E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-06	2.74E-03	1.09E+00	0.00E+00	1.24E-10	1.74E-08	2.18E-03	1.93E-06	1.45E-03	0.00E+00	1.09E+00	3.29E-09	1.09E+00	1.10E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MBN420	4.85E-04	7.17E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.69E-02	2.19E-08	2.16E-04	2.36E-03	0.00E+00	0.00E+00	1.25E-12	2.36E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-06	2.36E-03	9.30E-01	0.00E+00	1.07E-10	3.82E-09	6.02E-04	1.66E-06	1.22E-03	0.00E+00	9.30E-01	2.30E-09	9.30E-01	9.23E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MBN420E	4.85E-04	7.16E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.69E-02	2.20E-08	2.16E-04	2.36E-03	0.00E+00	0.00E+00	1.25E-12	2.35E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-06	2.36E-03	9.31E-01	0.00E+00	1.07E-10	3.81E-09	6.01E-04	1.66E-06	1.22E-03	0.00E+00	9.31E-01	2.31E-09	9.31E-01	9.24E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MBN420P	3.77E-03	9.88E-02	0.00E+00	9.92E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	8.84E-04	9.70E-03	0.00E+00	0.00E+00	1.49E-12	3.30E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.08E-03	1.27E+00	0.00E+00	1.35E-10	1.99E-08	2.50E-03	2.12E-06	1.61E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MBN425	4.86E-04	7.65E-02	0.00E+00	7.65E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.70E-03	1.07E+00	0.00E+00	1.17E-10	3.95E-09	6.31E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MBN425E	4.86E-04	7.66E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.02E-02	2.88E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.69E-03	1.07E+00	0.00E+00	1.18E-10	3.95E-09	6.30E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.02E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MBN425P	3.78E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.13E-02	3.49E-08	8.85E-04	9.71E-03	0.00E+00	0.00E+00	1.50E-12	3.31E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-06	3.11E-03	1.29E+00	0.00E+00	1.35E-10	2.00E-08	2.50E-03	2.13E-06	1.63E-03	0.00E+00	1.29E+00	3.62E-09	1.29E+00	1.28E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MBN432	6.16E-04	8.96E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.60E-02	3.20E-08	2.96E-04	3.13E-03	0.00E+00	0.00E+00	1.63E-12	2.95E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.35E-10	4.69E-09	8.16E-04	2.18E-06	1.61E-03	0.00E+00	1.20E+00	3.37E-09	1.20E+00	1.20E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
MBN432E	5.44E-04	8.99E-02	0.00E+00	9.11E-02	0.00E+00	0.00E+00	6.10E-02	3.35E-08	2.54E-04	2.87E-03	0.00E+00	0.00E+00	1.54E-12	3.45E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-06	3.68E-03	1.42E+00	0.00E+00	1.38E-10	4.44E-09	7.14E-04	2.68E-06	2.03E-03	0.00E+00	1.42E+00	3.79E-09	1.42E+00	1.41E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MBN432P	3.81E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.20E-02	3.51E-08	8.94E-04	9.75E-03	0.00E+00	0.00E+00	1.53E-12	3.37E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-06	3.15E-03	1.30E+00	0.00E+00	1.38E-10	2.02E-08	2.53E-03	2.16E-06	1.65E-03	0.00E+00	1.30E+00	3.63E-09	1.30E+00	1.29E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MBN440	6.26E-04	8.34E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	5.28E-02	2.31E-08	2.77E-04	3.03E-03	0.00E+00	0.00E+00	1.51E-12	2.71E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.55E-03	9.96E-01	0.00E+00	1.21E-10	4.68E-09	7.82E-04	1.81E-06	1.30E-03	0.00E+00	9.96E-01	2.42E-09	9.96E-01	1.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MBN440E	5.38E-04	8.49E-02	0.00E+00	8.49E-02	0.00E+00	0.00E+00	5.52E-02	3.18E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.52E-06	2.99E-03	1.19E+00	0.00E+00	1.30E-10	4.37E-09	6.98E-04	2.13E-06	1.58E-03	0.00E+00	1.19E+00	3.35E-09	1.19E+00	1.19E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MBN440P	3.81E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.28E-02	3.53E-08	8.96E-04	9.78E-03	0.00E+00	0.00E+00	1.55E-12	3.36E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-06	3.17E-03	1.31E+00	0.00E+00	1.39E-10	2.02E-08	2.54E-03	2.18E-06	1.67E-03	0.00E+00	1.31E+00	3.65E-09	1.31E+00	1.30E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MBN450	5.75E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.90E-02	3.40E-08	2.69E-04	2.96E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.19E-03	1.27E+00	0.00E+00	1.39E-10	4.68E-09	7.46E-04	2.27E-06	1.69E-03	0.00E+00	1.27E+00	3.57E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBN450E	5.76E-04	9.07E-02	0.00E+00	9.08E-02	0.00E+00	0.00E+00	5.91E-02	3.40E-08	2.70E-04	2.96E-03	0.00E+00	0.00E+00	1.59E-12	3.08E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-06	3.19E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.46E-04	2.27E-06	1.69E-03	0.00E+00	1.27E+00	3.57E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MBN450P	3.91E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.47E-02	3.62E-08	9.08E-04	9.95E-03	0.00E+00	0.00E+00	1.58E-12	3.51E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.27E-03	1.34E+00	0.00E+00	1.45E-10	2.06E-08	2.57E-03	2.24E-06	1.72E-03	0.00E+00	1.34E+00	3.71E-09	1.34E+00	1.34E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04
MBN463	5.77E-04	9.06E-02	0.00E+00	9.04E-02	0.00E+00	0.00E+00	5.91E-02	3.40E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.09E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-06	3.19E-03	1.27E+00	0.00E+00	1.39E-10	4.70E-09	7.48E-04	2.28E-06	1.69E-03	0.00E+00	1.27E+00	3.56E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MBN463E	5.84E-04	9.27E-02	0.00E+00	9.26E-02	0.00E+00	0.00E+00	6.14E-02	3.44E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.26E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-06	3.57E-03	1.36E+00	0.00E+00	1.42E-10	4.74E-09	7.66E-04	2.62E-06	2.02E-03	0.00E+00	1.36E+00	3.68E-09	1.36E+00	1.34E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MBN463P	3.94E-03	1.06E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.47E-02	3.63E-08	9.23E-04	1.01E-02	0.00E+00	0.00E+00	1.58E-12	3.52E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-06	3.28E-03	1.35E+00	0.00E+00	1.44E-10	2.09E-08	2.62E-03	2.25E-06	1.73E-03	0.00E+00	1.35E+00	3.71E-09	1.35E+00	1.35E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
MBN506	2.29E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.73E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.42E-13	1.37E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.31E-03	5.14E-01	0.00E+00	6.70E-11	1.92E-09	3.13E-04	9.49E-07	7.18E-04	0.00E+00	5.14E-01	1.80E-09	5.14E-01	5.15E-01	7.18E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MBN506E	2.28E-04	3.60E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.36E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.33E-13	1.22E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.26E-03	5.03E-01	0.00E+00	5.52E-11	1.86E-09	2.96E-04	9.01E-07	6.71E-04	0.00E+00	5.03E-01	1.42E-09	5.03E-01	5.03E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MBN510	2.24E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.42E-02	1.72E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.27E-13	1.35E-11	9.14E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.29E-03	5.04E-01	0.00E+00	6.62E-11	1.88E-09	3.07E-04	9.30E-07	7.07E-04	0.00E+00	5.04E-01	1.78E-09	5.04E-01	5.04E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MBN510E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.89E-04	8.79E-07	6.55E-04	0.00E+00	4.91E-01	1.38E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MBN513	3.00E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.08E-02	1.07E-08	1.09E-04	1.28E-03	0.00E+00	0.00E+00	5.09E-13	1.03E-11	7.24E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	9.18E-04	4.42E-01	0.00E+00	4.98E-11	2.08E-09	2.97E-04	6.26E-07	4.83E-04	0.00E+00	4.42E-01	1.08E-09	4.42E-01	4.32E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
MBN513E	2.37E-04	3.73E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	2.45E-02	1.40E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.16E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.31E-03	5.23E-01	0.00E+00	5.74E-11	1.93E-09	3.07E-04	9.34E-07	6.97E-04	0.00E+00	5.23E-01	1.47E-09	5.23E-01	5.23E-01	6.97E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MBN516	2.94E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.12E-02	1.08E-08	1.05E-04	1.24E-03	0.00E+00	0.00E+00	5.22E-13	1.04E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	9.17E-04	4.42E-01	0.00E+00	5.04E-11	2.07E-09	2.84E-04	6.26E-07	4.82E-04	0.00E+00	4.42E-01	1.08E-09	4.42E-01	4.33E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MBN516E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN520	3.18E-04	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.31E-02	1.16E-08	1.15E-04	1.34E-03	0.00E+00	0.00E+00	5.61E-13	1.12E-11	7.64E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	9.33E-04	4.74E-01	0.00E+00	5.60E-11	2.24E-09	3.11E-04	6.39E-07	4.94E-04	0.00E+00	4.74E-01	1.15E-09	4.74E-01	4.61E-01	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN520E	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.45E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN525	2.45E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.45E-02	1.43E-08	1.13E-04	1.26E-03	0.00E+00	0.00E+00	5.79E-13	1.17E-11	8.15E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.15E-03	4.76E-01	0.00E+00	5.65E-11	1.99E-09	3.11E-04	8.42E-07	6.36E-04	0.00E+00	4.76E-01	1.50E-09	4.76E-01	4.62E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN525E	2.46E-04	3.87E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.54E-02	1.46E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.82E-13	1.32E-11	9.45E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.36E-03	5.41E-01	0.00E+00	5.95E-11	2.00E-09	3.19E-04	9.70E-07	7.22E-04	0.00E+00	5.41E-01	1.53E-09	5.41E-01	5.42E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MBN532	4.14E-04	4.13E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.89E-02	1.37E-08	1.60E-04	1.91E-03	0.00E+00	0.00E+00	6.54E-13	1.25E-11	8.19E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.06E-03	5.29E-01	0.00E+00	6.53E-11	2.81E-09	4.69E-04	7.44E-07	5.66E-04	0.00E+00	5.29E-01	1.35E-09	5.29E-01	5.17E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MBN532E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.92E-02	1.67E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.84E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.84E-11	2.30E-09	3.67E-04	1.12E-06	8.31E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBN540	3.57E-04	4.68E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	3.37E-02	2.10E-08	1.59E-04	1.82E-03	0.00E+00	0.00E+00	7.98E-13	1.72E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-06	1.65E-03	6.46E-01	0.00E+00	7.84E-11	2.60E-09	4.63E-04	1.20E-06	9.00E-04	0.00E+00	6.46E-01	2.14E-09	6.46E-01	6.46E-01	9.00E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MBN540E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.24E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.24E-01	1.76E-09	6.24E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBN550	3.49E-04	4.17E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	2.87E-02	1.65E-08	1.49E-04	1.69E-03	0.00E+00	0.00E+00	6.65E-13	1.26E-11	8.23E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.37E-03	5.30E-01	0.00E+00	6.53E-11	2.50E-09	4.24E-04	9.80E-07	7.36E-04	0.00E+00	5.30E-01	1.73E-09	5.30E-01	5.19E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MBN550E	2.86E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.95E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.31E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.42E-04	0.00E+00	6.31E-01	1.78E-09	6.31E-01	6.32E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MBN563	3.61E-04	4.86E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	3.43E-02	2.16E-08	1.51E-04	1.68E-03	0.00E+00	0.00E+00	8.49E-13	1.78E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-06	1.74E-03	6.66E-01	0.00E+00	8.00E-11	2.56E-09	4.28E-04	1.28E-06	9.50E-04	0.00E+00	6.66E-01	2.21E-09	6.66E-01	6.70E-01	9.50E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBN563E	3.00E-04	4.73E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.10E-02	1.78E-08	1.41E-04	1.54E-03	0.00E+00	0.00E+00	8.32E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.66E-03	6.60E-01	0.00E+00	7.26E-11	2.44E-09	3.89E-04	1.18E-06	8.81E-04	0.00E+00	6.60E-01	1.86E-09	6.60E-01	6.61E-01	8.81E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
MBN606	4.62E-04	7.27E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	4.74E-02	2.70E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.27E-12	2.48E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.56E-03	1.02E+00	0.00E+00	1.11E-10	3.75E-09	5.99E-04	1.81E-06	1.36E-03	0.00E+00	1.02E+00	2.83E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MBN606E	4.62E-04	7.28E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.78E-02	2.74E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.76E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MBN610	4.70E-04	7.40E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.83E-02	2.78E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.30E-12	2.53E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.60E-03	1.03E+00	0.00E+00	1.14E-10	3.82E-09	6.12E-04	1.85E-06	1.38E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MBN610E	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MBN613	4.80E-04	7.54E-02	0.00E+00	7.54E-02	0.00E+00	0.00E+00	4.97E-02	2.84E-08	2.25E-04	2.46E-03	0.00E+00	0.00E+00	1.33E-12	2.57E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-06	2.65E-03	1.05E+00	0.00E+00	1.15E-10	3.90E-09	6.22E-04	1.90E-06	1.41E-03	0.00E+00	1.05E+00	2.97E-09	1.05E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MBN613E	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.92E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MBN616	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MBN616E	4.75E-04	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.91E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.86E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MBN620	4.84E-04	7.08E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.66E-02	2.18E-08	2.15E-04	2.36E-03	0.00E+00	0.00E+00	1.24E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.34E-03	9.19E-01	0.00E+00	1.06E-10	3.80E-09	6.00E-04	1.65E-06	1.21E-03	0.00E+00	9.19E-01	2.27E-09	9.19E-01	9.11E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBN620E	4.88E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MBN625	4.84E-04	7.09E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.67E-02	2.05E-08	2.14E-04	2.35E-03	0.00E+00	0.00E+00	1.24E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.33E-03	9.20E-01	0.00E+00	1.06E-10	3.79E-09	5.97E-04	1.65E-06	1.21E-03	0.00E+00	9.20E-01	2.06E-09	9.20E-01	9.13E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBN625E	4.82E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.25E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MBN632	6.17E-04	8.92E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.88E-04	3.11E-03	0.00E+00	0.00E+00	1.62E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-06	3.00E-03	1.20E+00	0.00E+00	1.33E-10	4.69E-09	8.03E-04	2.15E-06	1.59E-03	0.00E+00	1.20E+00	3.36E-09	1.20E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MBN632E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MBN640	6.28E-04	9.10E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.83E-02	3.31E-08	2.95E-04	3.18E-03	0.00E+00	0.00E+00	1.66E-12	3.04E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.09E-03	1.23E+00	0.00E+00	1.38E-10	4.81E-09	8.21E-04	2.22E-06	1.65E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MBN640E	5.37E-04	8.47E-02	0.00E+00	8.47E-02	0.00E+00	0.00E+00	5.55E-02	3.18E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.98E-03	1.18E+00	0.00E+00	1.30E-10	4.37E-09	6.97E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.34E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MBN650	6.13E-04	8.98E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.87E-02	3.34E-08	2.75E-04	3.06E-03	0.00E+00	0.00E+00	1.59E-12	3.03E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.10E-03	1.24E+00	0.00E+00	1.39E-10	4.72E-09	7.63E-04	2.22E-06	1.66E-03	0.00E+00	1.24E+00	3.45E-09	1.24E+00	1.23E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04

MBN650E	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBN663	6.07E-04	8.23E-02	0.00E+00	8.25E-02	0.00E+00	0.00E+00	5.31E-02	2.92E-08	2.74E-04	3.05E-03	0.00E+00	0.00E+00	1.43E-12	2.79E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-06	2.54E-03	9.99E-01	0.00E+00	1.23E-10	4.72E-09	7.58E-04	1.82E-06	1.32E-03	0.00E+00	9.99E-01	3.04E-09	9.99E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MBN663E	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBS006C	1.46E-04	2.57E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.55E-02	1.53E-08	7.82E-05	8.43E-04	0.00E+00	0.00E+00	4.52E-13	1.09E-11	7.57E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	1.32E-03	3.74E-01	0.00E+00	3.34E-11	1.24E-09	2.24E-04	9.30E-07	7.00E-04	0.00E+00	3.74E-01	1.80E-09	3.74E-01	3.91E-01	7.00E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05
MBS010C	1.46E-04	2.44E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.51E-02	9.66E-09	7.18E-05	7.95E-04	0.00E+00	0.00E+00	4.46E-13	9.39E-12	7.32E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	1.27E-03	3.68E-01	0.00E+00	3.17E-11	1.20E-09	2.18E-04	8.78E-07	6.59E-04	0.00E+00	3.68E-01	1.25E-09	3.68E-01	3.84E-01	6.59E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MBS013C	1.10E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.14E-02	6.64E-09	5.11E-05	5.62E-04	0.00E+00	0.00E+00	3.05E-13	6.00E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.13E-04	2.43E-01	0.00E+00	2.66E-11	8.94E-10	1.42E-04	4.37E-07	3.24E-04	0.00E+00	2.43E-01	6.99E-10	2.43E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MBS016C	1.10E-04	1.74E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.14E-02	6.64E-09	5.11E-05	5.62E-04	0.00E+00	0.00E+00	3.05E-13	6.00E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.12E-04	2.43E-01	0.00E+00	2.66E-11	8.94E-10	1.42E-04	4.37E-07	3.24E-04	0.00E+00	2.43E-01	6.98E-10	2.43E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MBS106	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.88E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.41E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.41E-01	6.81E-10	2.41E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05
MBS110	1.01E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.95E-09	4.71E-05	5.17E-04	0.00E+00	0.00E+00	2.79E-13	5.40E-12	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.57E-04	2.21E-01	0.00E+00	2.43E-11	8.17E-10	1.30E-04	3.97E-07	2.95E-04	0.00E+00	2.21E-01	6.25E-10	2.21E-01	2.22E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
MBS113	9.68E-05	1.53E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.00E-02	5.73E-09	4.54E-05	4.98E-04	0.00E+00	0.00E+00	2.69E-13	5.20E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.87E-10	1.26E-04	3.82E-07	2.85E-04	0.00E+00	2.13E-01	6.02E-10	2.13E-01	2.13E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
MBS116	9.68E-05	1.53E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.00E-02	5.73E-09	4.54E-05	4.98E-04	0.00E+00	0.00E+00	2.69E-13	5.20E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.87E-10	1.26E-04	3.82E-07	2.85E-04	0.00E+00	2.13E-01	6.02E-10	2.13E-01	2.13E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
MBS120	9.76E-05	1.54E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.01E-02	5.78E-09	4.58E-05	5.02E-04	0.00E+00	0.00E+00	2.71E-13	5.24E-12	3.75E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.41E-04	2.15E-01	0.00E+00	2.36E-11	7.94E-10	1.27E-04	3.85E-07	2.87E-04	0.00E+00	2.15E-01	6.07E-10	2.15E-01	2.15E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-05
MBS120W	1.19E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.25E-02	7.09E-09	5.61E-05	6.13E-04	0.00E+00	0.00E+00	3.31E-13	6.44E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.65E-04	2.65E-01	0.00E+00	2.94E-11	9.70E-10	1.55E-04	4.74E-07	3.53E-04	0.00E+00	2.65E-01	7.45E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-05
MBS125	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.53E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.82E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.04E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.80E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
MBS132	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.43E-09	6.67E-05	7.32E-04	0.00E+00	0.00E+00	3.95E-13	7.64E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.89E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.85E-04	5.62E-07	4.18E-04	0.00E+00	3.13E-01	8.85E-10	3.13E-01	3.14E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05
MBS140	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.42E-09	6.67E-05	7.31E-04	0.00E+00	0.00E+00	3.95E-13	7.63E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.88E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.84E-10	3.13E-01	3.14E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05
MBS150	1.49E-04	2.36E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.55E-02	8.85E-09	7.01E-05	7.69E-04	0.00E+00	0.00E+00	4.15E-13	8.02E-12	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	8.28E-04	3.29E-01	0.00E+00	3.62E-11	1.22E-09	1.94E-04	5.90E-07	4.39E-04	0.00E+00	3.29E-01	9.29E-10	3.29E-01	3.30E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05
MBS163	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.93E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
MBS206C	2.28E-04	3.76E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.46E-02	1.89E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.37E-13	1.43E-11	9.11E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.35E-03	5.14E-01	0.00E+00	6.50E-11	1.92E-09	3.13E-04	9.72E-07	7.43E-04	0.00E+00	5.14E-01	1.93E-09	5.14E-01	5.13E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MBS206E	2.90E-04	4.64E-02	0.00E+00	4.63E-02	0.00E+00	0.00E+00	3.07E-02	2.46E-08	1.39E-04	1.54E-03	0.00E+00	0.00E+00	8.01E-13	1.76E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.90E-03	6.38E-01	0.00E+00	7.62E-11	2.53E-09	3.98E-04	1.58E-06	1.19E-03	0.00E+00	6.38E-01	2.57E-09	6.38E-01	6.44E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MBS210C	2.25E-04	3.69E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.43E-02	1.88E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.26E-13	1.42E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.32E-03	5.04E-01	0.00E+00	6.56E-11	1.90E-09	3.11E-04	9.51E-07	7.36E-04	0.00E+00	5.04E-01	1.92E-09	5.04E-01	5.04E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBS210E	2.25E-04	3.69E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.42E-02	1.86E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.29E-13	1.40E-11	9.03E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.33E-03	5.04E-01	0.00E+00	6.54E-11	1.90E-09	3.12E-04	9.67E-07	7.37E-04	0.00E+00	5.04E-01	1.93E-09	5.04E-01	5.04E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBS213C	2.24E-04	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.39E-02	1.62E-08	1.09E-04	1.19E-03	0.00E+00	0.00E+00	6.27E-13	1.35E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.27E-03	5.06E-01	0.00E+00	6.47E-11	1.87E-09	3.01E-04	9.09E-07	6.87E-04	0.00E+00	5.06E-01	1.68E-09	5.06E-01	5.06E-01	6.87E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBS216C	2.25E-04	3.67E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.39E-02	1.69E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	6.28E-13	1.35E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.27E-03	5.07E-01	0.00E+00	6.47E-11	1.88E-09	3.03E-04	9.20E-07	7.00E-04	0.00E+00	5.07E-01	1.74E-09	5.07E-01	5.07E-01	7.00E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBS216E	3.07E-04	3.43E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.13E-02	1.10E-08	1.13E-04	1.32E-03	0.00E+00	0.00E+00	5.31E-13	1.06E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	9.29E-04	4.56E-01	0.00E+00	5.13E-11	2.19E-09	3.06E-04	6.38E-07	4.92E-04	0.00E+00	4.56E-01	1.11E-09	4.56E-01	4.44E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MBS220E	3.06E-04	3.44E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.14E-02	1.10E-08	1.10E-04	1.28E-03	0.00E+00	0.00E+00	5.32E-13	1.06E-11	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	9.26E-04	4.54E-01	0.00E+00	5.15E-11	2.14E-09	2.97E-04	6.34E-07	4.89E-04	0.00E+00	4.54E-01	1.11E-09	4.54E-01	4.45E-01	4.89E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MBS225E	3.24E-04	3.68E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.34E-02	1.17E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.66E-13	1.13E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	9.29E-04	4.79E-01	0.00E+00	5.63E-11	2.29E-09	3.20E-04	6.33E-07	4.92E-04	0.00E+00	4.79E-01	1.17E-09	4.79E-01	4.66E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBS232E	2.81E-04	4.48E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	3.04E-02	2.10E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.85E-13	1.66E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.64E-03	6.17E-01	0.00E+00	7.60E-11	2.32E-09	3.75E-04	1.21E-06	9.00E-04	0.00E+00	6.17E-01	2.20E-09	6.17E-01	6.20E-01	9.00E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-04
MBS263E	3.54E-04	4.78E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.33E-02	2.08E-08	1.39E-04	1.59E-03	0.00E+00	0.00E+00	8.37E-13	1.76E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06	1.71E-03	6.56E-01	0.00E+00	7.90E-11	2.40E-09	3.91E-04	1.26E-06	9.32E-04	0.00E+00	6.56E-01	2.14E-09	6.56E-01	6.59E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MBS306	3.25E-04	5.13E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	3.36E-02	1.93E-08	1.52E-04	1.67E-03	0.00E+00	0.00E+00	9.02E-13	1.75E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06	1.80E-03	7.16E-01	0.00E+00	7.87E-11	2.64E-09	4.22E-04	1.28E-06	9.56E-04	0.00E+00	7.16E-01	2.02E-09	7.16E-01	7.17E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MBS310	3.15E-04	4.97E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	3.26E-02	1.87E-08	1.48E-04	1.62E-03	0.00E+00	0.00E+00	8.75E-13	1.69E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.75E-03	6.94E-01	0.00E+00	7.63E-11	2.56E-09	4.09E-04	1.24E-06	9.27E-04	0.00E+00	6.94E-01	1.96E-09	6.94E-01	6.95E-01	9.27E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MBS310C	3.20E-04	5.79E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.73E-02	2.25E-08	1.51E-04	1.68E-03	0.00E+00	0.00E+00	1.02E-12	2.05E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	4.76E-06	2.36E-03	8.94E-01	0.00E+00	8.21E-11	2.64E-09	4.18E-04	1.61E-06	1.23E-03	0.00E+00	8.94E-01	2.39E-09	8.94E-01	9.00E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MBS313	3.24E-04	5.10E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.66E-03	0.00E+00	0.00E+00	8.98E-13	1.74E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.79E-03	7.13E-01	0.00E+00	7.83E-11	2.63E-09	4.20E-04	1.28E-06	9.51E-04	0.00E+00	7.13E-01	2.01E-09	7.13E-01	7.14E-01	9.51E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MBS313C	3.37E-04	5.77E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.80E-02	2.27E-08	1.54E-04	1.69E-03	0.00E+00	0.00E+00	1.05E-12	2.09E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.35E-03	9.20E-01	0.00E+00	8.96E-11	2.67E-09	4.26E-04	1.62E-06	1.23E-03	0.00E+00	9.20E-01	2.42E-09	9.20E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MBS316	2.90E-04	4.58E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.06E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.40E-01	0.00E+00	7.03E-11	2.36E-09	3.77E-04	1.15E-06	8.54E-04	0.00E+00	6.40E-01	1.80E-09	6.40E-01	6.40E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBS316C	3.22E-04	5.78E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	3.74E-02	2.27E-08	1.54E-04	1.68E-03	0.00E+00	0.00E+00	1.06E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-06	2.35E-03	9.19E-01	0.00E+00	8.75E-11	2.67E-09	4.24E-04	1.60E-06	1.23E-03	0.00E+00	9.19E-01	2.41E-09	9.19E-01	9.24E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MBS320	3.46E-04	5.46E-02	0.00E+00	5.46E-02	0.00E+00	0.00E+00	3.58E-02	2.05E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	9.61E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.92E-03	7.63E-01	0.00E+00	8.39E-11	2.82E-09	4.49E-04	1.37E-06	1.02E-03	0.00E+00	7.63E-01	2.15E-09	7.63E-01	7.64E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MBS320W	3.47E-04	5.40E-02	0.00E+00	5.41E-02	0.00E+00	0.00E+00	3.42E-02	1.86E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.69E-13	1.72E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-06	1.82E-03	7.59E-01	0.00E+00	8.16E-11	2.77E-09	4.48E-04	1.31E-06	9.69E-04	0.00E+00	7.59E-01	1.88E-09	7.59E-01	7.67E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBS325	3.80E-04	6.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.93E-02	2.25E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.38E-01	0.00E+00	9.21E-11	3.09E-09	4.93E-04	1.50E-06	1.12E-03	0.00E+00	8.38E-01	2.36E-09	8.38E-01	8.39E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MBS332	4.22E-04	6.65E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.36E-02	2.50E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.34E-03	9.29E-01	0.00E+00	1.02E-10	3.43E-09	5.47E-04	1.66E-06	1.24E-03	0.00E+00	9.29E-01	2.62E-09	9.29E-01	9.30E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MBS340	4.21E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.36E-02	2.50E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.28E-01	0.00E+00	1.02E-10	3.43E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.28E-01	2.62E-09	9.28E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MBS350	4.43E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.74E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MBS363	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBS506	2.27E-04	3.68E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.40E-02	1.62E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.36E-13	1.33E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.28E-03	5.11E-01	0.00E+00	6.54E-11	1.89E-09	3.08E-04	9.25E-07	6.95E-04	0.00E+00	5.11E-01	1.69E-09	5.11E-01	5.10E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBS506E	2.28E-04	3.74E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.44E-02	1.86E-08	1.12E-04	1.24E-03	0.00E+00	0.00E+00	6.37E-13	1.41E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.34E-03	5.11E-01	0.00E+00	6.65E-11	1.91E-09	3.15E-04	9.76E-07	7.39E-04	0.00E+00	5.11E-01	1.94E-09	5.11E-01	5.11E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBS510	3.03E-04	3.41E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.12E-02	1.10E-08	1.09E-04	1.27E-03	0.00E+00	0.00E+00	5.31E-13	1.05E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	9.24E-04	4.53E-01	0.00E+00	5.08E-11	2.12E-09	2.94E-04	6.36E-07	4.88E-04	0.00E+00	4.53E-01	1.10E-09	4.53E-01	4.43E-01	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MBS510E	2.26E-04	3.69E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.42E-02	1.85E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.30E-13	1.40E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.33E-03	5.04E-01	0.00E+00	6.61E-11	1.90E-09	3.13E-04	9.67E-07	7.37E-04	0.00E+00	5.04E-01	1.94E-09	5.04E-01	5.05E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBS513	2.26E-04	3.67E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.37E-02	1.66E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.31E-13	1.32E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.28E-03	5.08E-01	0.00E+00	6.44E-11	1.90E-09	3.09E-04	9.25E-07	7.01E-04	0.00E+00	5.08E-01	1.75E-09	5.08E-01	5.07E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MBS516	2.25E-04	3.57E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.27E-02	1.31E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.28E-13	1.18E-11	8.43E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.24E-03	4.95E-01	0.00E+00	5.28E-11	1.83E-09	2.92E-04	8.85E-07	6.58E-04	0.00E+00	4.95E-01	1.38E-09	4.95E-01	4.95E-01	6.58E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS516E	3.09E-04	3.43E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.13E-02	1.10E-08	1.09E-04	1.29E-03	0.00E+00	0.00E+00	5.37E-13	1.05E-11	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	9.29E-04	4.54E-01	0.00E+00	5.09E-11	2.17E-09	2.95E-04	6.39E-07	4.91E-04	0.00E+00	4.54E-01	1.11E-09	4.54E-01	4.44E-01	4.91E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MBS520	3.07E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.16E-02	1.11E-08	1.10E-04	1.29E-03	0.00E+00	0.00E+00	5.35E-13	1.06E-11	7.44E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	9.29E-04	4.57E-01	0.00E+00	5.21E-11	2.15E-09	2.98E-04	6.37E-07	4.92E-04	0.00E+00	4.57E-01	1.12E-09	4.57E-01	4.47E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MBS520E	3.11E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.13E-02	1.10E-08	1.14E-04	1.33E-03	0.00E+00	0.00E+00	5.32E-13	1.06E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	9.29E-04	4.55E-01	0.00E+00	5.14E-11	2.16E-09	3.11E-04	6.36E-07	4.91E-04	0.00E+00	4.55E-01	1.11E-09	4.55E-01	4.45E-01	4.91E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MBS525	2.57E-04	4.09E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.74E-02	1.94E-08	1.23E-04	1.36E-03	0.00E+00	0.00E+00	6.97E-13	1.56E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.48E-03	5.60E-01	0.00E+00	6.96E-11	2.10E-09	3.43E-04	1.07E-06	8.01E-04	0.00E+00	5.60E-01	2.03E-09	5.60E-01	5.61E-01	8.01E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MBS525E	2.57E-04	4.09E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.74E-02	1.94E-08	1.23E-04	1.36E-03	0.00E+00	0.00E+00	6.97E-13	1.56E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.48E-03	5.60E-01	0.00E+00	6.96E-11	2.10E-09	3.43E-04	1.07E-06	8.01E-04	0.00E+00	5.60E-01	2.03E-09	5.60E-01	5.61E-01	8.01E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MBS532	3.29E-04	4.63E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	3.39E-02	2.16E-08	1.48E-04	1.66E-03	0.00E+00	0.00E+00	7.94E-13	1.74E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.69E-03	6.45E-01	0.00E+00	7.77E-11	2.51E-09	4.13E-04	1.22E-06	9.22E-04	0.00E+00	6.45E-01	2.25E-09	6.45E-01	6.45E-01	9.22E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MBS532E	3.47E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.60E-02	1.32E-08	1.29E-04	1.49E-03	0.00E+00	0.00E+00	6.52E-13	1.23E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.07E-03	5.14E-01	0.00E+00	6.32E-11	2.47E-09	3.48E-04	7.53E-07	5.65E-04	0.00E+00	5.14E-01	1.31E-09	5.14E-01	5.01E-01	5.65E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MBS540E	2.81E-04	4.53E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.04E-02	2.11E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	7.85E-13	1.69E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-06	1.65E-03	6.20E-01	0.00E+00	7.65E-11	2.31E-09	3.74E-04	1.21E-06	8.98E-04	0.00E+00	6.20E-01	2.25E-09	6.20E-01	6.21E-01	8.98E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-04
MBS550E	3.70E-04	4.13E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.65E-02	1.37E-08	1.42E-04	1.62E-03	0.00E+00	0.00E+00	6.63E-13	1.27E-11	8.17E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.07E-03	5.27E-01	0.00E+00	6.50E-11	2.59E-09	3.88E-04	7.48E-07	5.67E-04	0.00E+00	5.27E-01	1.36E-09	5.27E-01	5.11E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MBS563E	2.96E-04	4.75E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	3.15E-02	2.08E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	8.26E-13	1.70E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.69E-03	6.57E-01	0.00E+00	7.78E-11	2.40E-09	3.88E-04	1.24E-06	9.19E-04	0.00E+00	6.57E-01	2.14E-09	6.57E-01	6.60E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MBS606	4.53E-04	7.59E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.37E-02	2.83E-08	2.08E-04	2.34E-03	0.00E+00	0.00E+00	1.31E-12	3.11E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	3.46E-03	1.29E+00	0.00E+00	1.18E-10	3.72E-09	5.94E-04	2.47E-06	1.89E-03	0.00E+00	1.29E+00	3.33E-09	1.29E+00	1.28E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MBS606E	4.39E-04	6.92E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	4.54E-02	2.60E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.43E-03	9.67E-01	0.00E+00	1.06E-10	3.57E-09	5.70E-04	1.73E-06	1.29E-03	0.00E+00	9.67E-01	2.73E-09	9.67E-01	9.69E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MBS610	4.55E-04	7.66E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.42E-02	2.86E-08	2.12E-04	2.38E-03	0.00E+00	0.00E+00	1.32E-12	3.11E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	3.48E-03	1.30E+00	0.00E+00	1.19E-10	3.67E-09	5.99E-04	2.48E-06	1.89E-03	0.00E+00	1.30E+00	3.36E-09	1.30E+00	1.29E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MBS610E	4.56E-04	7.18E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	4.71E-02	2.70E-08	2.14E-04	2.34E-03	0.00E+00	0.00E+00	1.26E-12	2.45E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.70E-09	5.91E-04	1.80E-06	1.34E-03	0.00E+00	1.00E+00	2.83E-09	1.00E+00	1.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MBS613	4.41E-04	6.97E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.66E-08	2.07E-04	2.27E-03	0.00E+00	0.00E+00	1.23E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.44E-03	9.71E-01	0.00E+00	1.07E-10	3.60E-09	5.72E-04	1.74E-06	1.30E-03	0.00E+00	9.71E-01	2.78E-09	9.71E-01	9.74E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MBS616	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.52E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBS616E	4.60E-04	7.25E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	4.76E-02	2.72E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.55E-03	1.01E+00	0.00E+00	1.11E-10	3.74E-09	5.97E-04	1.82E-06	1.35E-03	0.00E+00	1.01E+00	2.86E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MBS620	4.52E-04	7.73E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.62E-02	3.45E-08	2.08E-04	2.31E-03	0.00E+00	0.00E+00	1.34E-12	3.25E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-06	5.25E-03	1.30E+00	0.00E+00	1.20E-10	3.72E-09	5.95E-04	4.09E-06	3.09E-03	0.00E+00	1.30E+00	3.63E-09	1.30E+00	1.30E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MBS620E	4.66E-04	7.35E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.82E-02	2.76E-08	2.18E-04	2.40E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.58E-03	1.03E+00	0.00E+00	1.13E-10	3.79E-09	6.04E-04	1.84E-06	1.37E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MBS625	4.93E-04	7.20E-02	0.00E+00	7.23E-02	0.00E+00	0.00E+00	4.73E-02	2.20E-08	2.20E-04	2.39E-03	0.00E+00	0.00E+00	1.27E-12	2.40E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-06	2.37E-03	9.22E-01	0.00E+00	1.08E-10	3.88E-09	6.11E-04	1.66E-06	1.22E-03	0.00E+00	9.22E-01	2.28E-09	9.22E-01	9.23E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MBS625E	4.98E-04	7.86E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.15E-02	2.95E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.68E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.46E-04	1.97E-06	1.46E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MBS632	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MBS632E	5.82E-04	9.17E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	6.02E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-06	3.22E-03	1.28E+00	0.00E+00	1.41E-10	4.73E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MBS640	5.68E-04	8.95E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	5.87E-02	3.36E-08	2.66E-04	2.92E-03	0.00E+00	0.00E+00	1.57E-12	3.05E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	3.15E-03	1.25E+00	0.00E+00	1.37E-10	4.61E-09	7.36E-04	2.24E-06	1.67E-03	0.00E+00	1.25E+00	3.53E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MBS640E	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MBS650E	5.86E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.75E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.15E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.60E-04	2.31E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MBS663E	5.86E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.75E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.15E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.60E-04	2.31E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MC100A	1.52E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.69E-05	7.47E-04	0.00E+00	0.00E+00	3.86E-13	7.45E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.70E-04	3.07E-01	0.00E+00	3.38E-11	1.12E-09	1.89E-04	5.46E-07	4.09E-04	0.00E+00	3.07E-01	8.64E-10	3.07E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
MC101A	1.38E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.45E-02	8.26E-09	6.53E-05	7.28E-04	0.00E+00	0.00E+00	3.87E-13	7.48E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.69E-04	3.07E-01	0.00E+00	3.39E-11	1.12E-09	1.80E-04	5.47E-07	4.09E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MC102A	1.38E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.45E-02	8.26E-09	6.52E-05	7.28E-04	0.00E+00	0.00E+00	3.86E-13	7.48E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.70E-04	3.07E-01	0.00E+00	3.38E-11	1.12E-09	1.79E-04	5.48E-07	4.08E-04	0.00E+00	3.07E-01	8.67E-10	3.07E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MC103A	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.23E-09	6.52E-05	7.27E-04	0.00E+00	0.00E+00	3.86E-13	7.40E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.68E-04	3.05E-01	0.00E+00	3.35E-11	1.11E-09	1.79E-04	5.46E-07	4.08E-04	0.00E+00	3.05E-01	8.64E-10	3.05E-01	3.05E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-05
MC104A	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.24E-09	6.52E-05	7.27E-04	0.00E+00	0.00E+00	3.86E-13	7.43E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.68E-04	3.06E-01	0.00E+00	3.37E-11	1.11E-09	1.80E-04	5.46E-07	4.08E-04	0.00E+00	3.06E-01	8.65E-10	3.06E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
MC106A	1.47E-04	2.57E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.59E-02	1.00E-08	7.07E-05	7.79E-04	0.00E+00	0.00E+00	4.64E-13	9.66E-12	7.52E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.27E-03	3.82E-01	0.00E+00	3.41E-11	1.20E-09	2.11E-04	8.94E-07	6.62E-04	0.00E+00	3.82E-01	1.27E-09	3.82E-01	3.98E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
MC106P	1.35E-03	3.63E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.13E-02	1.20E-08	3.27E-04	3.53E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.10E-03	4.60E-01	0.00E+00	4.57E-11	7.09E-09	8.74E-04	7.70E-07	5.78E-04	0.00E+00	4.60E-01	1.25E-09	4.60E-01	4.56E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MC110A	1.43E-04	2.47E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.51E-02	1.35E-08	7.55E-05	8.33E-04	0.00E+00	0.00E+00	4.44E-13	1.01E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	1.30E-03	3.64E-01	0.00E+00	3.36E-11	1.24E-09	2.17E-04	8.98E-07	6.81E-04	0.00E+00	3.64E-01	1.63E-09	3.64E-01	3.80E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MC110P	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.34E-04	2.51E-03	0.00E+00	0.00E+00	4.37E-13	9.81E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	5.27E-09	6.56E-04	6.24E-07	4.74E-04	0.00E+00	3.72E-01	1.05E-09	3.72E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05

MC113A	1.12E-04	2.01E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.77E-02	1.88E-08	4.92E-05	6.12E-04	0.00E+00	0.00E+00	3.63E-13	7.47E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	9.91E-04	2.75E-01	0.00E+00	4.25E-11	8.90E-10	1.53E-04	7.40E-07	5.53E-04	0.00E+00	2.75E-01	1.91E-09	2.75E-01	2.76E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MC116A	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.12E-02	6.40E-09	5.07E-05	5.56E-04	0.00E+00	0.00E+00	3.00E-13	5.80E-12	4.16E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.99E-04	2.38E-01	0.00E+00	2.62E-11	8.79E-10	1.40E-04	4.27E-07	3.18E-04	0.00E+00	2.38E-01	6.72E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-05
MC116P	1.19E-03	2.94E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.35E-04	2.50E-03	0.00E+00	0.00E+00	4.37E-13	9.81E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.73E-01	0.00E+00	3.94E-11	5.26E-09	6.56E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MC120A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.52E-02	1.01E-08	5.85E-05	6.45E-04	0.00E+00	0.00E+00	3.46E-13	6.72E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	7.09E-04	2.76E-01	0.00E+00	3.92E-11	1.02E-09	1.62E-04	5.03E-07	3.85E-04	0.00E+00	2.76E-01	1.02E-09	2.76E-01	2.76E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
MC120P	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.35E-04	2.51E-03	0.00E+00	0.00E+00	4.38E-13	9.83E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	5.28E-09	6.56E-04	6.24E-07	4.73E-04	0.00E+00	3.72E-01	1.06E-09	3.72E-01	3.74E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MC125A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.55E-02	8.41E-09	5.95E-05	6.53E-04	0.00E+00	0.00E+00	3.56E-13	6.93E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.24E-04	2.82E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.11E-07	3.82E-04	0.00E+00	2.82E-01	9.20E-10	2.82E-01	2.82E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MC125P	1.31E-03	3.51E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.12E-02	1.14E-08	3.18E-04	3.39E-03	0.00E+00	0.00E+00	5.26E-13	1.07E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.09E-03	4.42E-01	0.00E+00	4.66E-11	6.93E-09	8.72E-04	7.55E-07	5.69E-04	0.00E+00	4.42E-01	1.20E-09	4.42E-01	4.39E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MC132A	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	6.52E-05	7.53E-04	0.00E+00	0.00E+00	3.87E-13	7.40E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.68E-04	3.06E-01	0.00E+00	3.39E-11	1.12E-09	1.82E-04	5.46E-07	4.08E-04	0.00E+00	3.06E-01	8.63E-10	3.06E-01	3.05E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MC132P	1.31E-03	3.62E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.17E-02	1.23E-08	3.15E-04	3.41E-03	0.00E+00	0.00E+00	5.36E-13	1.19E-11	7.42E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	1.11E-03	4.56E-01	0.00E+00	4.73E-11	6.89E-09	8.71E-04	7.64E-07	5.80E-04	0.00E+00	4.56E-01	1.29E-09	4.56E-01	4.56E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MC140A	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	6.53E-05	7.54E-04	0.00E+00	0.00E+00	3.87E-13	7.45E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.40E-11	1.12E-09	1.82E-04	5.48E-07	4.09E-04	0.00E+00	3.06E-01	8.63E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MC140P	1.33E-03	3.65E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.60E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.67E-07	5.85E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.60E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MC150A	1.64E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.66E-09	7.11E-05	7.55E-04	0.00E+00	0.00E+00	4.04E-13	7.84E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.15E-04	3.21E-01	0.00E+00	3.55E-11	1.24E-09	1.96E-04	5.78E-07	4.36E-04	0.00E+00	3.21E-01	9.14E-10	3.21E-01	3.21E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.79E-05
MC150P	1.37E-03	3.83E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.21E-04	3.54E-03	0.00E+00	0.00E+00	5.50E-13	1.26E-11	7.83E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.84E-01	0.00E+00	4.91E-11	7.24E-09	8.95E-04	8.10E-07	6.13E-04	0.00E+00	4.84E-01	1.28E-09	4.84E-01	4.84E-01	6.13E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MC163A	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.71E-05	7.36E-04	0.00E+00	0.00E+00	3.99E-13	7.69E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.16E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.68E-07	4.23E-04	0.00E+00	3.16E-01	8.91E-10	3.16E-01	3.17E-01	4.23E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
MC163P	1.37E-03	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.19E-04	3.51E-03	0.00E+00	0.00E+00	5.55E-13	1.26E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.82E-01	0.00E+00	4.89E-11	7.32E-09	8.91E-04	8.04E-07	6.12E-04	0.00E+00	4.82E-01	1.28E-09	4.82E-01	4.81E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MC201A	2.77E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.97E-02	1.93E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	7.86E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.57E-03	6.25E-01	0.00E+00	7.32E-11	2.29E-09	3.65E-04	1.12E-06	8.47E-04	0.00E+00	6.25E-01	1.98E-09	6.25E-01	6.29E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MC202A	2.81E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	2.97E-02	1.93E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.92E-13	1.63E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.58E-03	6.30E-01	0.00E+00	7.31E-11	2.30E-09	3.68E-04	1.13E-06	8.50E-04	0.00E+00	6.30E-01	1.99E-09	6.30E-01	6.35E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MC203A	2.78E-04	4.53E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.97E-02	1.92E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	7.85E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.56E-03	6.25E-01	0.00E+00	7.31E-11	2.29E-09	3.65E-04	1.12E-06	8.46E-04	0.00E+00	6.25E-01	1.97E-09	6.25E-01	6.30E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MC204A	2.77E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.96E-02	1.92E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.85E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.56E-03	6.24E-01	0.00E+00	7.30E-11	2.28E-09	3.64E-04	1.12E-06	8.45E-04	0.00E+00	6.24E-01	1.98E-09	6.24E-01	6.29E-01	8.45E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MC206A	2.49E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.69E-02	1.97E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	6.94E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.47E-03	5.57E-01	0.00E+00	6.96E-11	2.08E-09	3.35E-04	1.06E-06	7.98E-04	0.00E+00	5.57E-01	2.01E-09	5.57E-01	5.57E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MC206P	2.42E-03	6.20E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	3.84E-02	2.33E-08	5.57E-04	5.87E-03	0.00E+00	0.00E+00	1.00E-12	2.07E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.93E-03	7.14E-01	0.00E+00	8.34E-11	1.20E-08	1.54E-03	1.37E-06	1.04E-03	0.00E+00	7.14E-01	2.38E-09	7.14E-01	7.09E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.13E-04
MC210A	2.20E-04	3.53E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.38E-02	1.69E-08	1.09E-04	1.19E-03	0.00E+00	0.00E+00	6.19E-13	1.36E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	1.30E-03	4.87E-01	0.00E+00	6.21E-11	1.86E-09	3.04E-04	9.41E-07	7.22E-04	0.00E+00	4.87E-01	1.78E-09	4.87E-01	4.86E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MC210P	1.83E-03	5.35E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.34E-02	1.92E-08	4.44E-04	4.80E-03	0.00E+00	0.00E+00	8.27E-13	1.76E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.72E-03	5.97E-01	0.00E+00	7.18E-11	9.45E-09	1.19E-03	1.23E-06	9.31E-04	0.00E+00	5.97E-01	2.00E-09	5.97E-01	5.90E-01	9.31E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MC213A	2.55E-04	4.12E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.92E-02	1.97E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.06E-13	1.55E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.48E-03	5.67E-01	0.00E+00	7.10E-11	2.11E-09	3.41E-04	1.07E-06	8.10E-04	0.00E+00	5.67E-01	2.02E-09	5.67E-01	5.68E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MC216A	2.54E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.86E-02	1.80E-08	1.20E-04	1.32E-03	0.00E+00	0.00E+00	7.01E-13	1.49E-11	9.99E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.43E-03	5.63E-01	0.00E+00	6.95E-11	2.08E-09	3.35E-04	1.03E-06	7.77E-04	0.00E+00	5.63E-01	1.84E-09	5.63E-01	5.63E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MC216P	1.50E-03	3.36E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	2.08E-02	1.28E-08	3.76E-04	3.98E-03	0.00E+00	0.00E+00	4.95E-13	1.07E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	1.05E-03	4.30E-01	0.00E+00	4.40E-11	8.00E-09	1.01E-03	7.29E-07	5.54E-04	0.00E+00	4.30E-01	1.28E-09	4.30E-01	4.28E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MC220A	2.98E-04	3.34E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.12E-02	1.09E-08	1.07E-04	1.25E-03	0.00E+00	0.00E+00	5.21E-13	1.03E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	9.11E-04	4.45E-01	0.00E+00	5.07E-11	2.09E-09	2.89E-04	6.21E-07	4.80E-04	0.00E+00	4.45E-01	1.10E-09	4.45E-01	4.35E-01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MC220P	1.68E-03	3.47E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.17E-02	1.31E-08	4.07E-04	4.39E-03	0.00E+00	0.00E+00	5.05E-13	1.07E-11	7.15E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.07E-03	4.44E-01	0.00E+00	4.64E-11	8.62E-09	1.12E-03	7.48E-07	5.63E-04	0.00E+00	4.44E-01	1.31E-09	4.44E-01	4.43E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MC225A	3.25E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.30E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.27E-04	4.83E-01	0.00E+00	5.84E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.68E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MC225P	2.53E-03	6.33E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.04E-02	2.38E-08	5.82E-04	6.06E-03	0.00E+00	0.00E+00	1.03E-12	2.09E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.97E-03	7.30E-01	0.00E+00	8.46E-11	1.27E-08	1.61E-03	1.40E-06	1.08E-03	0.00E+00	7.30E-01	2.43E-09	7.30E-01	7.24E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MC232A	2.74E-04	4.44E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	2.93E-02	1.90E-08	1.29E-04	1.43E-03	0.00E+00	0.00E+00	7.69E-13	1.58E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.55E-03	6.14E-01	0.00E+00	7.38E-11	2.25E-09	3.60E-04	1.12E-06	8.30E-04	0.00E+00	6.14E-01	1.98E-09	6.14E-01	6.16E-01	8.30E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MC232P	1.69E-03	3.57E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.20E-02	1.33E-08	4.09E-04	4.42E-03	0.00E+00	0.00E+00	5.15E-13	1.08E-11	7.24E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.09E-03	4.45E-01	0.00E+00	4.67E-11	8.60E-09	1.12E-03	7.49E-07	5.70E-04	0.00E+00	4.45E-01	1.36E-09	4.45E-01	4.46E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MC240A	2.74E-04	4.42E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.93E-02	1.92E-08	1.32E-04	1.46E-03	0.00E+00	0.00E+00	7.70E-13	1.58E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.57E-03	6.11E-01	0.00E+00	7.48E-11	2.24E-09	3.60E-04	1.15E-06	8.50E-04	0.00E+00	6.11E-01	2.00E-09	6.11E-01	6.14E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MC240P	2.70E-03	7.08E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	6.27E-04	6.85E-03	0.00E+00	0.00E+00	1.06E-12	2.32E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.18E-03	9.22E-01	0.00E+00	9.14E-11	1.41E-08	1.77E-03	1.50E-06	1.13E-03	0.00E+00	9.22E-01	2.50E-09	9.22E-01	9.16E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
MC250A	3.00E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.07E-02	1.96E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.04E-13	1.63E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-06	1.62E-03	6.28E-01	0.00E+00	7.58E-11	2.32E-09	3.71E-04	1.18E-06	8.65E-04	0.00E+00	6.28E-01	2.04E-09	6.28E-01	6.28E-01	8.65E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
MC263A	3.03E-04	4.62E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.08E-02	1.98E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	7.94E-13	1.64E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.65E-03	6.34E-01	0.00E+00	7.62E-11	2.34E-09	3.75E-04	1.24E-06	9.03E-04	0.00E+00	6.34E-01	2.05E-09	6.34E-01	6.34E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MC263P	1.88E-03	4.39E-02	0.00E+00	4.33E-02	0.00E+00	0.00E+00	2.29E-02	1.43E-08	4.41E-04	5.09E-03	0.00E+00	0.00E+00	5.40E-13	1.29E-11	7.59E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.13E-03	4.77E-01	0.00E+00	4.78E-11	1.01E-08	1.32E-03	7.95E-07	6.04E-04	0.00E+00	4.77E-01	1.40E-09	4.77E-01	4.76E-01	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MC301A	4.34E-04	6.78E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.61E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.25E-12	2.40E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.52E-03	9.96E-01	0.00E+00	1.08E-10	3.43E-09	5.48E-04	1.81E-06	1.32E-03	0.00E+00	9.96E-01	2.82E-09	9.96E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MC302A	4.35E-04	6.78E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.62E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.26E-12	2.40E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.52E-03	9.97E-01	0.00E+00	1.08E-10	3.43E-09	5.48E-04	1.81E-06	1.33E-03	0.00E+00	9.97E-01	2.82E-09	9.97E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MC303A	4.35E-04	6.77E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.60E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.52E-03	9.95E-01	0.00E+00	1.08E-10	3.43E-09	5.48E-04	1.81E-06	1.33E-03	0.00E+00	9.95E-01	2.80E-09	9.95E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MC304A	4.35E-04	6.78E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.60E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-06	2.52E-03	9.94E-01	0.00E+00	1.08E-10	3.43E-09	5.48E-04	1.80E-06	1.33E-03	0.00E+00	9.94E-01	2.80E-09	9.94E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MC306A	3.60E-04	6.06E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	1.66E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.88E-03	9.47E-01	0.00E+00	9.84E-11	2.91E-09	4.63E-04	2.18E-06	1.70E-03	0.00E+00	9.47E-01	2.76E-09	9.47E-01	9.55E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MC306P	3.47E-03	9.24E-02	0.00E+00	9.33E-02	0.00E+00	0.00E+00	5.91E-02	3.37E-08	7.82E-04	8.58E-03	0.00E+00	0.00E+00	1.47E-12	3.26E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-06	2.99E-03	1.28E+00	0.00E+00	1.25E-10	1.74E-08	2.19E-03	2.09E-06	1.61E-03	0.00E+00	1.28E+00	3.51E-09	1.28E+00	1.28E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MC310A	3.64E-04	6.26E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	4.24E-02	2.46E-08	1.69E-04	1.87E-03	0.00E+00	0.00E+00	1.15E-12	2.32E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.93E-03	1.05E+00	0.00E+00	1.01E-10	2.99E-09	4.84E-04	2.21E-06	1.76E-03	0.00E+00	1.05E+00	2.81E-09	1.05E+00	1.05E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MC310P	2.85E-03	7.65E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	3.95E-02	2.39E-08	6.24E-04	6.96E-03	0.00E+00	0.00E+00	1.16E-12	2.46E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-06	2.48E-03	1.00E+00	0.00E+00	7.97E-11	1.42E-08	1.77E-03	1.75E-06	1.31E-03	0.00E+00	1.00E+00	2.55E-09	1.00E+00	1.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MC313A	3.72E-04	6.19E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.19E-02	2.43E-08	1.73E-04	1.91E-03	0.00E+00	0.00E+00	1.13E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.41E-03	9.47E-01	0.00E+00	1.00E-10	3.02E-09	4.83E-04	1.66E-06	1.26E-03	0.00E+00	9.47E-01	2.58E-09	9.47E-01	9.58E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MC316A	3.13E-04	5.17E-02	0.00E+00	5.14E-02	0.00E+00	0.00E+00	3.20E-02	1.55E-08	1.49E-04	1.65E-03	0.00E+00	0.00E+00	8.67E-13	1.70E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.66E-03	6.94E-01	0.00E+00	6.86E-11	2.52E-09	4.06E-04	1.21E-06	8.87E-04	0.00E+00	6.94E-01	1.59E-09	6.94E-01	6.94E-01	8.87E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
MC316P	2.88E-03	7.66E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	3.97E-02	2.37E-08	6.33E-04	7.00E-03	0.00E+00	0.00E+00	1.17E-12	2.46E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	2.48E-03	1.00E+00	0.00E+00	7.98E-11	1.43E-08	1.78E-03	1.75E-06	1.31E-03	0.00E+00	1.00E+00	2.53E-09	1.00E+00	9.99E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MC320A	3.72E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.89E-02	2.21E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.04E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-06	2.06E-03	8.20E-01	0.00E+00	9.04E-11	3.03E-09	4.82E-04	1.46E-06	1.09E-03	0.00E+00	8.20E-01	2.32E-09	8.20E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MC325A	4.06E-04	5.97E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.94E-02	1.83E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.07E-03	8.40E-01	0.00E+00	9.10E-11	3.03E-09	4.71E-04	1.46E-06	1.08E-03	0.00E+00	8.40E-01	1.86E-09	8.40E-01	8.41E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
MC325P	3.60E-03	9.50E-02	0.00E+00	9.62E-02	0.00E+00	0.00E+00	5.99E-02	3.54E-08	8.28E-04	9.04E-03	0.00E+00	0.00E+00	1.51E-12	3.32E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-06	3.05E-03	1.31E+00	0.00E+00	1.26E-10	1.85E-08	2.34E-03	2.14E-06	1.64E-03	0.00E+00	1.31E+00	3.67E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MC332A	4.51E-04	6.54E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.32E-02	1.94E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.17E-12	2.15E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.29E-03	9.19E-01	0.00E+00	1.01E-10	3.31E-09	5.26E-04	1.60E-06	1.18E-03	0.00E+00	9.19E-01	1.95E-09	9.19E-01	9.20E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MC332P	3.67E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.12E-02	3.59E-08	8.51E-04	9.37E-03	0.00E+00	0.00E+00	1.53E-12	3.43E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-06	3.17E-03	1.32E+00	0.00E+00	1.27E-10	1.92E-08	2.39E-03	2.20E-06	1.67E-03	0.00E+00	1.32E+00	3.76E-09	1.32E+00	1.32E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MC340A	4.22E-04	6.73E-02	0.00E+00	6.77E-02	0.00E+00	0.00E+00	4.65E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.29E-12	2.38E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.63E-03	1.03E+00	0.00E+00	1.13E-10	3.45E-09	5.47E-04	1.90E-06	1.40E-03	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.03E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MC340P	3.74E-03	1.06E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.41E-02	3.67E-08	8.79E-04	9.68E-03	0.00E+00	0.00E+00	1.58E-12	3.46E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.25E-03	1.34E+00	0.00E+00	1.41E-10	1.97E-08	2.49E-03	2.26E-06	1.73E-03	0.00E+00	1.34E+00	3.83E-09	1.34E+00	1.34E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MC350A	4.38E-04	7.03E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.82E-02	2.79E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.50E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.79E-03	1.11E+00	0.00E+00	1.17E-10	3.55E-09	5.65E-04	2.00E-06	1.50E-03	0.00E+00	1.11E+00	2.99E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MC350P	3.83E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.58E-02	3.72E-08	8.76E-04	9.59E-03	0.00E+00	0.00E+00	1.65E-12	3.60E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-06	3.22E-03	1.36E+00	0.00E+00	1.47E-10	1.97E-08	2.48E-03	2.29E-06	1.73E-03	0.00E+00	1.36E+00	3.81E-09	1.36E+00	1.37E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04
MC363A	4.40E-04	7.07E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	4.86E-02	2.79E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.36E-12	2.51E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.82E-03	1.11E+00	0.00E+00	1.20E-10	3.58E-09	5.68E-04	2.05E-06	1.51E-03	0.00E+00	1.11E+00	2.99E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
MC363P	3.90E-03	1.11E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	6.73E-02	3.80E-08	9.20E-04	1.01E-02	0.00E+00	0.00E+00	1.68E-12	3.74E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.82E-06	3.67E-03	1.44E+00	0.00E+00	1.50E-10	2.04E-08	2.60E-03	2.57E-06	2.01E-03	0.00E+00	1.44E+00	4.13E-09	1.44E+00	1.44E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
MC400A	5.02E-04	7.59E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.99E-02	2.13E-08	2.22E-04	2.46E-03	0.00E+00	0.00E+00	1.34E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.45E-03	9.76E-01	0.00E+00	1.13E-10	3.90E-09	6.18E-04	1.76E-06	1.27E-03	0.00E+00	9.76E-01	2.13E-09	9.76E-01	9.79E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MC402A	5.15E-04	8.52E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	5.49E-02	3.17E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.92E-03	1.17E+00	0.00E+00	1.27E-10	4.18E-09	6.71E-04	2.07E-06	1.55E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.17E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MC403A	5.15E-04	8.53E-02	0.00E+00	8.49E-02	0.00E+00	0.00E+00	5.49E-02	3.17E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.92E-03	1.17E+00	0.00E+00	1.27E-10	4.18E-09	6.71E-04	2.08E-06	1.55E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.17E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MC404A	5.17E-04	8.57E-02	0.00E+00	8.53E-02	0.00E+00	0.00E+00	5.49E-02	3.16E-08	2.45E-04	2.70E-03	0.00E+00	0.00E+00	1.49E-12	2.89E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-06	2.92E-03	1.18E+00	0.00E+00	1.27E-10	4.19E-09	6.73E-04	2.08E-06	1.55E-03	0.00E+00	1.18E+00	3.32E-09	1.18E+00	1.18E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MC406A	4.82E-04	8.08E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.73E-02	3.04E-08	2.24E-04	2.53E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.60E-03	1.34E+00	0.00E+00	1.26E-10	3.85E-09	6.26E-04	2.56E-06	1.95E-03	0.00E+00	1.34E+00	3.52E-09	1.34E+00	1.33E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MC410A	4.69E-04	8.09E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.66E-02	3.03E-08	2.16E-04	2.45E-03	0.00E+00	0.00E+00	1.40E-12	3.24E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.58E-03	1.33E+00	0.00E+00	1.26E-10	3.81E-09	6.10E-04	2.56E-06	1.94E-03	0.00E+00	1.33E+00	3.51E-09	1.33E+00	1.33E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MC413A	4.87E-04	8.23E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	5.70E-02	3.05E-08	2.29E-04	2.57E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-06	3.63E-03	1.35E+00	0.00E+00	1.28E-10	3.95E-09	6.40E-04	2.58E-06	1.97E-03	0.00E+00	1.35E+00	3.54E-09	1.35E+00	1.34E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MC416A	4.27E-04	7.38E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	5.26E-02	2.72E-08	2.04E-04	2.25E-03	0.00E+00	0.00E+00	1.28E-12	3.03E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-06	3.51E-03	1.28E+00	0.00E+00	1.15E-10	3.59E-09	5.67E-04	2.67E-06	1.94E-03	0.00E+00	1.28E+00	3.41E-09	1.28E+00	1.27E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
MC420A	4.82E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.10E-02	2.92E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.39E-12	2.66E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	3.93E-09	6.32E-04	1.94E-06	1.46E-03	0.00E+00	1.09E+00	3.06E-09	1.09E+00	1.09E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MC420P	1.79E-03	3.50E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.39E-02	1.37E-08	4.45E-04	4.87E-03	0.00E+00	0.00E+00	5.35E-13	1.18E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.67E-03	4.47E-01	0.00E+00	4.60E-11	9.23E-09	1.23E-03	1.19E-06	8.93E-04	0.00E+00	4.47E-01	1.56E-09	4.47E-01	4.44E-01	8.93E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MC425A	4.85E-04	7.31E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.70E-02	2.05E-08	2.16E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.39E-03	9.44E-01	0.00E+00	1.09E-10	3.82E-09	6.03E-04	1.69E-06	1.24E-03	0.00E+00	9.44E-01	2.22E-09	9.44E-01	9.38E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MC425P	1.78E-03	3.70E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.45E-02	1.43E-08	4.48E-04	4.92E-03	0.00E+00	0.00E+00	5.51E-13	1.24E-11	7.93E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.70E-03	4.59E-01	0.00E+00	4.62E-11	9.34E-09	1.26E-03	1.21E-06	9.10E-04	0.00E+00	4.59E-01	1.63E-09	4.59E-01	4.61E-01	9.10E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MC432A	5.14E-04	8.52E-02	0.00E+00	8.51E-02	0.00E+00	0.00E+00	5.56E-02	3.19E-08	2.46E-04	2.69E-03	0.00E+00	0.00E+00	1.50E-12	2.89E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.52E-06	2.98E-03	1.19E+00	0.00E+00	1.31E-10	4.19E-09	6.74E-04	2.12E-06	1.58E-03	0.00E+00	1.19E+00	3.35E-09	1.19E+00	1.19E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MC432P	1.79E-03	3.71E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.46E-02	1.43E-08	4.47E-04	4.89E-03	0.00E+00	0.00E+00	5.54E-13	1.24E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.71E-03	4.60E-01	0.00E+00	4.65E-11	9.29E-09	1.24E-03	1.21E-06	9.20E-04	0.00E+00	4.60E-01	1.63E-09	4.60E-01	4.62E-01	9.20E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MC440A	5.17E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.51E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.23E-09	6.79E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MC440P	1.76E-03	3.66E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.45E-02	1.43E-08	4.42E-04	4.83E-03	0.00E+00	0.00E+00	5.54E-13	1.23E-11	7.92E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.70E-03	4.56E-01	0.00E+00	4.62E-11	9.34E-09	1.24E-03	1.20E-06	9.12E-04	0.00E+00	4.56E-01	1.62E-09	4.56E-01	4.55E-01	9.12E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MC450A	5.30E-04	9.06E-02	0.00E+00	9.02E-02	0.00E+00	0.00E+00	5.92E-02	3.40E-08	2.56E-04	2.82E-03	0.00E+00	0.00E+00	1.60E-12	3.09E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.19E-03	1.26E+00	0.00E+00	1.40E-10	4.25E-09	6.95E-04	2.27E-06	1.69E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MC450P	1.77E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.48E-02	1.46E-08	4.34E-04	4.95E-03	0.00E+00	0.00E+00	5.64E-13	1.28E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.39E-03	4.74E-01	0.00E+00	4.81E-11	9.29E-09	1.24E-03	9.88E-07	7.58E-04	0.00E+00	4.74E-01	1.62E-09	4.74E-01	4.71E-01	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MC463A	5.38E-04	9.23E-02	0.00E+00	9.23E-02	0.00E+00	0.00E+00	6.15E-02	3.43E-08	2.61E-04	2.88E-03	0.00E+00	0.00E+00	1.63E-12	3.27E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-06	3.58E-03	1.35E+00	0.00E+00	1.42E-10	4.35E-09	7.09E-04	2.61E-06	2.03E-03	0.00E+00	1.35E+00	3.69E-09	1.35E+00	1.34E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MC463P	1.78E-03	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.48E-02	1.46E-08	4.42E-04	4.99E-03	0.00E+00	0.00E+00	5.68E-13	1.28E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	1.39E-03	4.72E-01	0.00E+00	4.80E-11	9.36E-09	1.26E-03	9.89E-07	7.59E-04	0.00E+00	4.72E-01	1.62E-09	4.72E-01	4.69E-01	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MC506A	2.50E-04	4.05E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.85E-02	1.96E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	6.95E-13	1.53E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.47E-03	5.58E-01	0.00E+00	7.10E-11	2.07E-09	3.37E-04	1.06E-06	8.00E-04	0.00E+00	5.58E-01	2.04E-09	5.58E-01	5.59E-01	8.00E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MC510A	2.50E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.88E-02	1.97E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	6.95E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.47E-03	5.58E-01	0.00E+00	7.09E-11	2.07E-09	3.37E-04	1.06E-06	8.03E-04	0.00E+00	5.58E-01	2.04E-09	5.58E-01	5.59E-01	8.03E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MC513A	2.55E-04	4.11E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.92E-02	1.97E-08	1.22E-04	1.36E-03	0.00E+00	0.00E+00	7.04E-13	1.55E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.48E-03	5.66E-01	0.00E+00	7.14E-11	2.11E-09	3.43E-04	1.07E-06	8.09E-04	0.00E+00	5.66E-01	2.04E-09	5.66E-01	5.67E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MC516A	2.54E-04	4.10E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.91E-02	1.97E-08	1.22E-04	1.35E-03	0.00E+00	0.00E+00	7.01E-13	1.54E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.47E-03	5.64E-01	0.00E+00	7.01E-11	2.10E-09	3.41E-04	1.07E-06	8.08E-04	0.00E+00	5.64E-01	2.04E-09	5.64E-01	5.65E-01	8.08E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MC520A	2.52E-04	4.08E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.91E-02	1.78E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.03E-13	1.47E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.45E-03	5.65E-01	0.00E+00	7.14E-11	2.09E-09	3.38E-04	1.05E-06	7.81E-04	0.00E+00	5.65E-01	1.88E-09	5.65E-01	5.66E-01	7.81E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MC525A	3.37E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.50E-02	1.29E-08	1.25E-04	1.46E-03	0.00E+00	0.00E+00	5.74E-13	1.14E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	9.24E-04	4.83E-01	0.00E+00	5.84E-11	2.38E-09	3.42E-04	6.16E-07	4.77E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.66E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04

MC532A	2.74E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.93E-02	1.93E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.68E-13	1.58E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-06	1.55E-03	6.13E-01	0.00E+00	7.42E-11	2.26E-09	3.62E-04	1.12E-06	8.29E-04	0.00E+00	6.13E-01	2.02E-09	6.13E-01	6.15E-01	8.29E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MC540A	2.78E-04	4.49E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.01E-02	2.09E-08	1.32E-04	1.46E-03	0.00E+00	0.00E+00	7.85E-13	1.66E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-06	1.64E-03	6.19E-01	0.00E+00	7.63E-11	2.28E-09	3.68E-04	1.20E-06	8.98E-04	0.00E+00	6.19E-01	2.21E-09	6.19E-01	6.24E-01	8.98E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-04
MC563A	3.12E-04	4.67E-02	0.00E+00	4.68E-02	0.00E+00	0.00E+00	3.17E-02	2.17E-08	1.40E-04	1.53E-03	0.00E+00	0.00E+00	8.22E-13	1.71E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.71E-03	6.45E-01	0.00E+00	7.76E-11	2.41E-09	3.83E-04	1.27E-06	9.43E-04	0.00E+00	6.45E-01	2.29E-09	6.45E-01	6.45E-01	9.43E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MCA100	4.49E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.14E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.52E-13	6.80E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.24E-04	2.86E-01	0.00E+00	4.47E-11	2.67E-09	3.38E-04	5.26E-07	3.91E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.85E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MCA101	4.67E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.14E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.52E-13	6.80E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.25E-04	2.86E-01	0.00E+00	4.47E-11	2.73E-09	3.43E-04	5.27E-07	3.91E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.86E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MCA102	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.27E-04	2.87E-01	0.00E+00	4.49E-11	2.74E-09	3.43E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.86E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MCA103	4.49E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.14E-02	1.32E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.48E-13	6.82E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.20E-04	2.83E-01	0.00E+00	4.49E-11	2.66E-09	3.37E-04	5.25E-07	3.87E-04	0.00E+00	2.83E-01	1.30E-09	2.83E-01	2.83E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MCA104	4.67E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.15E-02	1.32E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.49E-13	6.82E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.21E-04	2.83E-01	0.00E+00	4.50E-11	2.73E-09	3.43E-04	5.25E-07	3.87E-04	0.00E+00	2.83E-01	1.30E-09	2.83E-01	2.83E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MCA106	4.48E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	1.24E-04	1.32E-03	0.00E+00	0.00E+00	3.46E-13	6.77E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.79E-01	0.00E+00	3.04E-11	2.65E-09	3.36E-04	4.99E-07	3.69E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MCA110	4.67E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.50E-09	1.24E-04	1.34E-03	0.00E+00	0.00E+00	3.51E-13	6.87E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.78E-01	0.00E+00	3.08E-11	2.71E-09	3.44E-04	5.02E-07	3.72E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
MCA113	4.41E-04	2.04E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	1.16E-04	1.27E-03	0.00E+00	0.00E+00	3.52E-13	6.90E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	6.97E-04	2.88E-01	0.00E+00	3.07E-11	2.61E-09	3.21E-04	5.01E-07	3.70E-04	0.00E+00	2.88E-01	7.86E-10	2.88E-01	2.89E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05
MCA116	4.85E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.53E-13	6.87E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.02E-04	2.78E-01	0.00E+00	3.10E-11	2.77E-09	3.49E-04	5.03E-07	3.73E-04	0.00E+00	2.78E-01	7.89E-10	2.78E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MCA120	4.67E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.58E-09	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.73E-09	3.42E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MCA125	4.49E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.56E-09	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.56E-13	6.92E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	2.66E-09	3.37E-04	5.10E-07	3.77E-04	0.00E+00	2.82E-01	7.90E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MCA132	4.53E-04	2.10E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.34E-02	7.69E-09	1.18E-04	1.30E-03	0.00E+00	0.00E+00	3.63E-13	6.99E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.18E-04	2.88E-01	0.00E+00	3.10E-11	2.65E-09	3.27E-04	5.14E-07	3.83E-04	0.00E+00	2.88E-01	8.04E-10	2.88E-01	2.88E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MCA140	1.35E-04	2.23E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.59E-02	1.08E-08	6.35E-05	7.20E-04	0.00E+00	0.00E+00	4.05E-13	8.04E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	1.03E-03	3.21E-01	0.00E+00	3.42E-11	1.09E-09	1.75E-04	7.43E-07	5.68E-04	0.00E+00	3.21E-01	1.33E-09	3.21E-01	3.21E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
MCA150	1.46E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.44E-02	8.38E-09	6.88E-05	7.39E-04	0.00E+00	0.00E+00	3.97E-13	7.51E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.99E-04	3.10E-01	0.00E+00	3.45E-11	1.18E-09	1.83E-04	5.70E-07	4.21E-04	0.00E+00	3.10E-01	8.85E-10	3.10E-01	3.10E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05
MCA163	1.38E-04	2.21E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.44E-02	8.36E-09	6.61E-05	7.41E-04	0.00E+00	0.00E+00	3.87E-13	7.53E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.81E-04	3.10E-01	0.00E+00	3.39E-11	1.10E-09	1.81E-04	5.58E-07	4.13E-04	0.00E+00	3.10E-01	8.80E-10	3.10E-01	3.11E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MCA200	4.55E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.47E-08	1.56E-04	1.79E-03	0.00E+00	0.00E+00	6.54E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	2.93E-09	4.27E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.46E-09	5.20E-01	5.05E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MCA201	4.55E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	1.02E-01	1.56E-08	1.55E-04	1.78E-03	0.00E+00	0.00E+00	6.35E-13	1.23E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.66E-11	2.93E-09	4.27E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.61E-09	5.20E-01	5.05E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MCA202	4.55E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	1.02E-01	1.60E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.67E-11	2.93E-09	4.27E-04	7.39E-07	5.59E-04	0.00E+00	5.21E-01	1.63E-09	5.21E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MCA203	4.87E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.60E-04	1.83E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.67E-11	3.05E-09	4.42E-04	7.38E-07	5.57E-04	0.00E+00	5.21E-01	1.47E-09	5.21E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MCA204	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA206	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA210	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA213	4.31E-04	3.61E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.58E-02	1.22E-08	1.48E-04	1.71E-03	0.00E+00	0.00E+00	6.04E-13	1.13E-11	7.72E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.04E-03	4.86E-01	0.00E+00	5.86E-11	2.77E-09	4.03E-04	7.37E-07	5.50E-04	0.00E+00	4.86E-01	1.22E-09	4.86E-01	4.77E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCA216	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MCA220	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA225	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA232	2.76E-04	4.35E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.65E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.53E-03	6.08E-01	0.00E+00	6.68E-11	2.24E-09	3.58E-04	1.09E-06	8.11E-04	0.00E+00	6.08E-01	1.71E-09	6.08E-01	6.08E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCA240	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCA250	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MCA263	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCA300	4.27E-04	6.79E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	4.35E-02	2.33E-08	2.13E-04	2.35E-03	0.00E+00	0.00E+00	1.14E-12	2.15E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.30E-03	8.88E-01	0.00E+00	1.01E-10	3.45E-09	5.93E-04	1.61E-06	1.20E-03	0.00E+00	8.88E-01	2.45E-09	8.88E-01	8.95E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MCA301	4.13E-04	6.37E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	6.19E-02	1.89E-08	1.94E-04	2.16E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-06	2.11E-03	8.29E-01	0.00E+00	9.33E-11	3.19E-09	5.40E-04	1.45E-06	1.09E-03	0.00E+00	8.29E-01	1.98E-09	8.29E-01	8.39E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MCA302	4.06E-04	6.55E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.13E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCA303	4.11E-04	6.36E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	6.19E-02	1.88E-08	1.94E-04	2.15E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-06	2.11E-03	8.28E-01	0.00E+00	9.32E-11	3.19E-09	5.40E-04	1.45E-06	1.09E-03	0.00E+00	8.28E-01	1.98E-09	8.28E-01	8.38E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MCA304	4.06E-04	6.56E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.19E-02	1.94E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.01E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCA306	3.82E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.87E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.05E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.10E-03	8.25E-01	0.00E+00	9.28E-11	3.13E-09	5.09E-04	1.48E-06	1.09E-03	0.00E+00	8.25E-01	1.99E-09	8.25E-01	8.37E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCA310	4.21E-04	6.20E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.12E-02	2.45E-08	1.60E-04	1.81E-03	0.00E+00	0.00E+00	1.13E-12	2.31E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-06	2.34E-03	9.12E-01	0.00E+00	9.61E-11	2.88E-09	4.56E-04	1.64E-06	1.23E-03	0.00E+00	9.12E-01	2.65E-09	9.12E-01	9.11E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
MCA313	3.84E-04	6.06E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	4.03E-02	2.28E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.09E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.20E-03	8.58E-01	0.00E+00	9.74E-11	3.10E-09	5.01E-04	1.54E-06	1.16E-03	0.00E+00	8.58E-01	2.41E-09	8.58E-01	8.61E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
MCA316	4.04E-04	6.37E-02	0.00E+00	6.37E-02	0.00E+00	0.00E+00	4.18E-02	2.39E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-06	2.24E-03	8.90E-01	0.00E+00	9.78E-11	3.28E-09	5.24E-04	1.59E-06	1.19E-03	0.00E+00	8.90E-01	2.51E-09	8.90E-01	8.91E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MCA320	4.32E-04	6.27E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.13E-02	2.47E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	1.14E-12	2.32E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.32E-03	9.13E-01	0.00E+00	9.75E-11	2.98E-09	4.69E-04	1.63E-06	1.22E-03	0.00E+00	9.13E-01	2.66E-09	9.13E-01	9.14E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MCA325	4.25E-04	6.47E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.24E-02	2.40E-08	1.86E-04	2.06E-03	0.00E+00	0.00E+00	1.16E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.35E-03	9.41E-01	0.00E+00	9.95E-11	3.31E-09	5.16E-04	1.67E-06	1.25E-03	0.00E+00	9.41E-01	2.58E-09	9.41E-01	9.29E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MCA332	4.71E-04	6.73E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.43E-02	2.60E-08	1.79E-04	2.01E-03	0.00E+00	0.00E+00	1.20E-12	2.41E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.42E-03	9.48E-01	0.00E+00	1.03E-10	3.26E-09	5.15E-04	1.72E-06	1.27E-03	0.00E+00	9.48E-01	2.79E-09	9.48E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MCA340	4.84E-04	6.91E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.01E-04	2.22E-03	0.00E+00	0.00E+00	1.25E-12	2.41E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.53E-03	1.01E+00	0.00E+00	1.07E-10	3.55E-09	5.64E-04	1.83E-06	1.34E-03	0.00E+00	1.01E+00	2.81E-09	1.01E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MCA350	4.37E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.91E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.01E-10	3.40E-09	5.35E-04	1.56E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MCA363	4.16E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.94E-08	1.93E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.29E-03	8.98E-01	0.00E+00	1.01E-10	3.39E-09	5.44E-04	1.61E-06	1.19E-03	0.00E+00	8.98E-01	2.11E-09	8.98E-01	9.03E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MCA400	5.17E-04	7.79E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.02E-02	2.50E-08	2.63E-04	2.88E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.17E-10	4.30E-09	7.20E-04	1.74E-06	1.26E-03	0.00E+00	9.45E-01	2.61E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
MCA401	5.16E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.01E-02	2.19E-08	2.55E-04	2.83E-03	0.00E+00	0.00E+00	1.33E-12	2.49E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.45E-03	9.45E-01	0.00E+00	1.15E-10	4.24E-09	7.02E-04	1.73E-06	1.26E-03	0.00E+00	9.45E-01	2.27E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MCA402	5.28E-04	7.72E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.52E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.18E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.20E-09	9.39E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MCA403	5.32E-04	7.72E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	4.92E-02	2.10E-08	2.53E-04	2.81E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.22E-09	6.93E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.15E-09	9.39E-01	9.50E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MCA404	5.16E-04	7.85E-02	0.00E+00	7.89E-02	0.00E+00	0.00E+00	5.02E-02	2.52E-08	2.62E-04	2.91E-03	0.00E+00	0.00E+00	1.33E-12	2.54E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-06	2.46E-03	9.46E-01	0.00E+00	1.16E-10	4.28E-09	7.20E-04	1.74E-06	1.27E-03	0.00E+00	9.46E-01	2.65E-09	9.46E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
MCA406	4.81E-04	7.58E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	4.97E-02	2.85E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.33E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-06	2.67E-03	1.06E+00	0.00E+00	1.16E-10	3.91E-09	6.24E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	2.99E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCA410	5.01E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.18E-02	2.97E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.78E-03	1.10E+00	0.00E+00	1.21E-10	4.07E-09	6.50E-04	1.98E-06	1.47E-03	0.00E+00	1.10E+00	3.11E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
MCA413	5.04E-04	7.14E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.76E-02	2.02E-08	2.24E-04	2.45E-03	0.00E+00	0.00E+00	1.26E-12	2.38E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.37E-03	9.28E-01	0.00E+00	1.12E-10	3.93E-09	6.13E-04	1.67E-06	1.21E-03	0.00E+00	9.28E-01	2.04E-09	9.28E-01	9.40E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MCA416	5.10E-04	8.04E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	5.27E-02	3.02E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.42E-12	2.74E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-06	2.83E-03	1.12E+00	0.00E+00	1.23E-10	4.15E-09	6.61E-04	2.01E-06	1.50E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MCA420	5.26E-04	8.30E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.44E-02	3.12E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.46E-12	2.83E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.92E-03	1.16E+00	0.00E+00	1.27E-10	4.28E-09	6.83E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.27E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MCA425	5.26E-04	8.30E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.44E-02	3.12E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.46E-12	2.82E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.92E-03	1.16E+00	0.00E+00	1.27E-10	4.28E-09	6.82E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.27E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MCA432	5.49E-04	8.66E-02	0.00E+00	8.66E-02	0.00E+00	0.00E+00	5.68E-02	3.25E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.52E-12	2.95E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.47E-09	7.13E-04	2.17E-06	1.61E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
MCA440	5.23E-04	8.25E-02	0.00E+00	8.25E-02	0.00E+00	0.00E+00	5.41E-02	3.10E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.45E-12	2.81E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-06	2.90E-03	1.15E+00	0.00E+00	1.27E-10	4.26E-09	6.79E-04	2.07E-06	1.54E-03	0.00E+00	1.15E+00	3.25E-09	1.15E+00	1.15E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCA450	5.60E-04	8.83E-02	0.00E+00	8.83E-02	0.00E+00	0.00E+00	5.79E-02	3.31E-08	2.62E-04	2.88E-03	0.00E+00	0.00E+00	1.55E-12	3.00E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.10E-03	1.23E+00	0.00E+00	1.35E-10	4.55E-09	7.26E-04	2.21E-06	1.65E-03	0.00E+00	1.23E+00	3.48E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MCA463	5.61E-04	8.85E-02	0.00E+00	8.85E-02	0.00E+00	0.00E+00	5.81E-02	3.32E-08	2.63E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.01E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	3.11E-03	1.24E+00	0.00E+00	1.36E-10	4.57E-09	7.28E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.49E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MCA506	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA510	2.60E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA513	4.30E-04	3.64E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.65E-02	1.24E-08	1.60E-04	1.80E-03	0.00E+00	0.00E+00	6.05E-13	1.13E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.04E-03	4.89E-01	0.00E+00	5.86E-11	2.90E-09	4.34E-04	7.37E-07	5.50E-04	0.00E+00	4.89E-01	1.23E-09	4.89E-01	4.80E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
MCA516	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MCA520	3.86E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	3.02E-02	1.64E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.49E-03	5.88E-01	0.00E+00	6.74E-11	2.69E-09	4.21E-04	1.07E-06	7.78E-04	0.00E+00	5.88E-01	1.71E-09	5.88E-01	5.90E-01	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCA525	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA532	2.76E-04	4.35E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.65E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.53E-03	6.07E-01	0.00E+00	6.67E-11	2.24E-09	3.58E-04	1.09E-06	8.10E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.08E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCA540	3.92E-04	4.65E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.15E-02	2.04E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	7.93E-13	1.70E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.65E-03	6.38E-01	0.00E+00	7.31E-11	2.61E-09	4.29E-04	1.18E-06	9.05E-04	0.00E+00	6.38E-01	2.17E-09	6.38E-01	6.39E-01	9.05E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MCA550	4.76E-04	4.05E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.68E-04	1.89E-03	0.00E+00	0.00E+00	6.66E-13	1.23E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.22E-01	0.00E+00	6.39E-11	3.12E-09	4.61E-04	7.46E-07	5.62E-04	0.00E+00	5.22E-01	1.31E-09	5.22E-01	5.08E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MCA563	4.42E-04	4.07E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.65E-04	1.85E-03	0.00E+00	0.00E+00	6.67E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.06E-03	5.22E-01	0.00E+00	6.40E-11	3.01E-09	4.47E-04	7.47E-07	5.70E-04	0.00E+00	5.22E-01	1.32E-09	5.22E-01	5.09E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MCA610	4.91E-04	7.14E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.76E-02	2.56E-08	2.29E-04	2.54E-03	0.00E+00	0.00E+00	1.27E-12	2.41E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-06	2.41E-03	9.26E-01	0.00E+00	1.13E-10	4.07E-09	6.38E-04	1.73E-06	1.25E-03	0.00E+00	9.26E-01	2.71E-09	9.26E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MCA613	5.07E-04	7.14E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.77E-02	2.02E-08	2.22E-04	2.46E-03	0.00E+00	0.00E+00	1.26E-12	2.38E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.37E-03	9.28E-01	0.00E+00	1.12E-10	3.94E-09	6.16E-04	1.68E-06	1.21E-03	0.00E+00	9.28E-01	2.04E-09	9.28E-01	9.40E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MCA616	5.10E-04	7.76E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.11E-02	3.02E-08	2.42E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.71E-03	1.07E+00	0.00E+00	1.23E-10	4.11E-09	6.58E-04	1.92E-06	1.45E-03	0.00E+00	1.07E+00	3.16E-09	1.07E+00	1.07E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
MCA620	5.14E-04	7.98E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.20E-02	3.04E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	1.38E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-06	2.75E-03	1.10E+00	0.00E+00	1.24E-10	4.14E-09	6.67E-04	1.94E-06	1.47E-03	0.00E+00	1.10E+00	3.18E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MCA625	5.15E-04	7.99E-02	0.00E+00	8.01E-02	0.00E+00	0.00E+00	5.30E-02	3.05E-08	2.43E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.72E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.82E-03	1.12E+00	0.00E+00	1.27E-10	4.18E-09	6.69E-04	2.01E-06	1.51E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MCA632	5.27E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.08E-02	2.69E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.50E-03	9.69E-01	0.00E+00	1.18E-10	4.30E-09	6.82E-04	1.77E-06	1.29E-03	0.00E+00	9.69E-01	2.83E-09	9.69E-01	9.75E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MCA650	5.50E-04	7.82E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.09E-02	2.09E-08	2.42E-04	2.66E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.47E-03	9.72E-01	0.00E+00	1.17E-10	4.28E-09	6.72E-04	1.72E-06	1.25E-03	0.00E+00	9.72E-01	2.11E-09	9.72E-01	9.78E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MCA663	5.45E-04	7.81E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.09E-02	2.09E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.47E-03	9.72E-01	0.00E+00	1.17E-10	4.25E-09	6.60E-04	1.72E-06	1.25E-03	0.00E+00	9.72E-01	2.11E-09	9.72E-01	9.79E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MCB313	3.73E-04	6.73E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.68E-02	2.97E-08	1.95E-04	2.17E-03	0.00E+00	0.00E+00	1.20E-12	2.49E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-06	2.41E-03	9.60E-01	0.00E+00	1.06E-10	3.19E-09	5.40E-04	1.76E-06	1.30E-03	0.00E+00	9.60E-01	2.97E-09	9.60E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCB316	3.73E-04	6.73E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.67E-02	2.97E-08	1.96E-04	2.17E-03	0.00E+00	0.00E+00	1.20E-12	2.49E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-06	2.41E-03	9.60E-01	0.00E+00	1.06E-10	3.19E-09	5.42E-04	1.76E-06	1.30E-03	0.00E+00	9.60E-01	2.97E-09	9.60E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCC313	3.71E-04	6.65E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.48E-02	2.85E-08	1.94E-04	2.17E-03	0.00E+00	0.00E+00	1.19E-12	2.38E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.36E-03	9.22E-01	0.00E+00	1.02E-10	3.17E-09	5.35E-04	1.70E-06	1.25E-03	0.00E+00	9.22E-01	2.90E-09	9.22E-01	9.45E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MCC316	3.74E-04	6.72E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.67E-02	2.97E-08	1.95E-04	2.17E-03	0.00E+00	0.00E+00	1.20E-12	2.49E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-06	2.41E-03	9.60E-01	0.00E+00	1.06E-10	3.18E-09	5.42E-04	1.77E-06	1.30E-03	0.00E+00	9.60E-01	2.98E-09	9.60E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04

MCN001	1.45E-04	2.26E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	7.63E-02	1.20E-08	6.59E-05	7.21E-04	0.00E+00	0.00E+00	3.92E-13	7.38E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	8.20E-04	3.22E-01	0.00E+00	4.50E-11	1.14E-09	1.81E-04	5.88E-07	4.38E-04	0.00E+00	3.22E-01	1.14E-09	3.22E-01	3.21E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN002	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.76E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MCN003	1.47E-04	2.68E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.69E-02	1.06E-08	6.63E-05	7.35E-04	0.00E+00	0.00E+00	4.89E-13	9.97E-12	7.65E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	1.27E-03	4.03E-01	0.00E+00	3.75E-11	1.17E-09	1.91E-04	8.83E-07	6.64E-04	0.00E+00	4.03E-01	1.30E-09	4.03E-01	4.15E-01	6.64E-04	0.00E+00	0.00E+00	0.00E+00	9.14E-05
MCN004	1.35E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.35E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.35E-07	3.98E-04	0.00E+00	2.98E-01	8.42E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MCN006	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.88E-09	5.44E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.43E-04	2.56E-01	0.00E+00	2.81E-11	9.44E-10	1.51E-04	4.58E-07	3.41E-04	0.00E+00	2.56E-01	7.22E-10	2.56E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
MCN008	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.70E-09	5.30E-05	5.81E-04	0.00E+00	0.00E+00	3.14E-13	6.07E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.27E-04	2.49E-01	0.00E+00	2.74E-11	9.20E-10	1.47E-04	4.46E-07	3.32E-04	0.00E+00	2.49E-01	7.03E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
MCN010	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.20E-02	6.90E-09	5.46E-05	5.99E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.47E-10	1.51E-04	4.60E-07	3.42E-04	0.00E+00	2.56E-01	7.24E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
MCN013	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN016	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN020	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.16E-04	0.00E+00	0.00E+00	3.32E-13	6.43E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.64E-01	0.00E+00	2.90E-11	9.74E-10	1.55E-04	4.73E-07	3.52E-04	0.00E+00	2.64E-01	7.45E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05
MCN025	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.92E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.71E-04	0.00E+00	2.78E-01	7.86E-10	2.78E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MCN032	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.77E-05	7.42E-04	0.00E+00	0.00E+00	4.01E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MCN040	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.62E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.28E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MCN099	1.37E-04	2.11E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	7.60E-02	1.18E-08	6.13E-05	6.73E-04	0.00E+00	0.00E+00	3.76E-13	6.87E-12	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	7.81E-04	3.11E-01	0.00E+00	4.38E-11	1.07E-09	1.70E-04	5.56E-07	4.18E-04	0.00E+00	3.11E-01	1.11E-09	3.11E-01	3.10E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MCN100	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.83E-13	7.42E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.04E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.06E-04	0.00E+00	3.04E-01	8.59E-10	3.04E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MCN100E	1.41E-04	2.24E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.45E-02	8.35E-09	6.62E-05	7.26E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.85E-04	3.11E-01	0.00E+00	3.39E-11	1.15E-09	1.83E-04	5.59E-07	4.17E-04	0.00E+00	3.11E-01	8.76E-10	3.11E-01	3.12E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MCN101	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.42E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.88E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN101E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN101P	1.30E-03	3.57E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.11E-04	3.33E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.90E-04	7.71E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN102	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.76E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MCN102E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN102P	1.30E-03	3.57E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN103	1.35E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.35E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.35E-07	3.98E-04	0.00E+00	2.98E-01	8.42E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MCN103E	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.43E-02	8.33E-09	6.62E-05	7.26E-04	0.00E+00	0.00E+00	3.91E-13	7.47E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.83E-04	3.10E-01	0.00E+00	3.36E-11	1.15E-09	1.83E-04	5.57E-07	4.15E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.10E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
MCN103P	1.30E-03	3.58E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.50E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.83E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN104	1.35E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.35E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.35E-07	3.98E-04	0.00E+00	2.98E-01	8.42E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MCN104E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN104P	1.30E-03	3.57E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN106	1.14E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.76E-09	5.35E-05	5.87E-04	0.00E+00	0.00E+00	3.17E-13	6.13E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.33E-04	2.52E-01	0.00E+00	2.76E-11	9.29E-10	1.48E-04	4.51E-07	3.36E-04	0.00E+00	2.52E-01	7.10E-10	2.52E-01	2.52E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05
MCN106A	1.54E-04	2.63E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.60E-02	1.56E-08	7.83E-05	8.42E-04	0.00E+00	0.00E+00	4.64E-13	1.10E-11	7.71E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.33E-03	3.82E-01	0.00E+00	3.49E-11	1.29E-09	2.25E-04	9.39E-07	7.03E-04	0.00E+00	3.82E-01	1.83E-09	3.82E-01	3.98E-01	7.03E-04	0.00E+00	0.00E+00	0.00E+00	8.71E-05
MCN106E	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.79E-09	5.37E-05	5.89E-04	0.00E+00	0.00E+00	3.18E-13	6.15E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.35E-04	2.52E-01	0.00E+00	2.77E-11	9.32E-10	1.49E-04	4.53E-07	3.37E-04	0.00E+00	2.52E-01	7.13E-10	2.52E-01	2.53E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-05
MCN106P	1.36E-03	4.49E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.57E-02	2.44E-08	3.52E-04	3.70E-03	0.00E+00	0.00E+00	7.15E-13	1.73E-11	9.82E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.89E-03	5.28E-01	0.00E+00	5.08E-11	7.51E-09	9.60E-04	1.37E-06	1.06E-03	0.00E+00	5.28E-01	2.70E-09	5.28E-01	5.31E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCN110	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.07E-02	6.15E-09	4.87E-05	5.34E-04	0.00E+00	0.00E+00	2.88E-13	5.58E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.76E-04	2.29E-01	0.00E+00	2.51E-11	8.45E-10	1.35E-04	4.10E-07	3.05E-04	0.00E+00	2.29E-01	6.46E-10	2.29E-01	2.29E-01	3.05E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05
MCN110A	1.07E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.13E-02	6.53E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	3.04E-13	5.93E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.01E-04	2.38E-01	0.00E+00	2.68E-11	8.68E-10	1.38E-04	4.27E-07	3.18E-04	0.00E+00	2.38E-01	6.84E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MCN110E	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.12E-09	4.84E-05	5.31E-04	0.00E+00	0.00E+00	2.87E-13	5.55E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.73E-04	2.28E-01	0.00E+00	2.50E-11	8.40E-10	1.34E-04	4.08E-07	3.04E-04	0.00E+00	2.28E-01	6.42E-10	2.28E-01	2.28E-01	3.04E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-05
MCN110P	1.28E-03	3.97E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.26E-02	2.17E-08	2.85E-04	3.07E-03	0.00E+00	0.00E+00	6.41E-13	1.54E-11	9.22E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.76E-03	4.80E-01	0.00E+00	4.52E-11	6.15E-09	7.67E-04	1.25E-06	9.74E-04	0.00E+00	4.80E-01	2.38E-09	4.80E-01	4.84E-01	9.74E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MCN113	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.91E-05	5.38E-04	0.00E+00	0.00E+00	2.91E-13	5.62E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.80E-04	2.31E-01	0.00E+00	2.53E-11	8.51E-10	1.36E-04	4.13E-07	3.08E-04	0.00E+00	2.31E-01	6.51E-10	2.31E-01	2.31E-01	3.08E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05
MCN113E	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.21E-02	6.91E-09	5.45E-05	5.99E-04	0.00E+00	0.00E+00	3.24E-13	6.28E-12	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.47E-04	2.58E-01	0.00E+00	2.83E-11	9.50E-10	1.51E-04	4.62E-07	3.43E-04	0.00E+00	2.58E-01	7.26E-10	2.58E-01	2.58E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05
MCN116	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.12E-09	4.84E-05	5.31E-04	0.00E+00	0.00E+00	2.87E-13	5.55E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.73E-04	2.28E-01	0.00E+00	2.50E-11	8.40E-10	1.34E-04	4.08E-07	3.04E-04	0.00E+00	2.28E-01	6.42E-10	2.28E-01	2.28E-01	3.04E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-05
MCN116A	1.07E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.14E-02	6.54E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	3.04E-13	5.92E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.02E-04	2.38E-01	0.00E+00	2.68E-11	8.69E-10	1.38E-04	4.28E-07	3.18E-04	0.00E+00	2.38E-01	6.84E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
MCN116E	1.04E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.14E-09	4.86E-05	5.33E-04	0.00E+00	0.00E+00	2.88E-13	5.57E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.75E-04	2.28E-01	0.00E+00	2.51E-11	8.43E-10	1.34E-04	4.09E-07	3.05E-04	0.00E+00	2.28E-01	6.44E-10	2.28E-01	2.29E-01	3.05E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05
MCN116P	1.17E-03	2.91E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.97E-02	1.27E-08	2.30E-04	2.49E-03	0.00E+00	0.00E+00	4.69E-13	1.07E-11	6.92E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	1.39E-03	3.70E-01	0.00E+00	3.92E-11	5.18E-09	6.47E-04	9.89E-07	7.58E-04	0.00E+00	3.70E-01	1.52E-09	3.70E-01	3.72E-01	7.58E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MCN120	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.23E-09	5.72E-05	6.28E-04	0.00E+00	0.00E+00	3.39E-13	6.55E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.93E-10	1.58E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.59E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05
MCN120A	1.21E-04	1.93E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.27E-02	7.17E-09	5.70E-05	6.22E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.76E-04	2.69E-01	0.00E+00	2.98E-11	9.89E-10	1.58E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.54E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
MCN120E	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN120P	1.17E-03	2.90E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.13E-04	2.26E-03	0.00E+00	0.00E+00	4.37E-13	9.83E-12	6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.98E-04	3.69E-01	0.00E+00	3.82E-11	5.10E-09	5.91E-04	6.22E-07	4.73E-04	0.00E+00	3.69E-01	1.06E-09	3.69E-01	3.72E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.64E-05
MCN125	1.25E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.37E-09	5.84E-05	6.40E-04	0.00E+00	0.00E+00	3.46E-13	6.68E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.92E-07	3.66E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MCN125A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.57E-13	6.98E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.11E-04	2.82E-01	0.00E+00	3.06E-11	1.04E-09	1.65E-04	5.08E-07	3.77E-04	0.00E+00	2.82E-01	7.99E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MCN125E	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MCN125P	1.28E-03	3.56E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.13E-02	1.20E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.28E-13	1.17E-11	7.42E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.53E-01	0.00E+00	4.71E-11	6.85E-09	8.80E-04	7.66E-07	5.80E-04	0.00E+00	4.53E-01	1.27E-09	4.53E-01	4.53E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCN132	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN132A	1.39E-04	2.15E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.43E-02	8.25E-09	6.54E-05	7.52E-04	0.00E+00	0.00E+00	3.85E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.63E-04	3.04E-01	0.00E+00	3.38E-11	1.11E-09	1.85E-04	5.43E-07	4.03E-04	0.00E+00	3.04E-01	8.62E-10	3.04E-01	3.04E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MCN132E	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN132P	1.28E-03	3.57E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.14E-02	1.22E-08	3.09E-04	3.33E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.45E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.54E-01	0.00E+00	4.74E-11	6.82E-09	8.73E-04	7.66E-07	5.82E-04	0.00E+00	4.54E-01	1.27E-09	4.54E-01	4.55E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MCN140	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN140A	1.37E-04	2.17E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.58E-02	1.08E-08	6.33E-05	7.37E-04	0.00E+00	0.00E+00	4.03E-13	8.02E-12	6.00E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	1.03E-03	3.15E-01	0.00E+00	3.45E-11	1.10E-09	1.78E-04	7.72E-07	5.63E-04	0.00E+00	3.15E-01	1.32E-09	3.15E-01	3.14E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
MCN140E	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN140P	1.29E-03	3.58E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.15E-02	1.22E-08	3.09E-04	3.33E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.46E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.54E-01	0.00E+00	4.74E-11	6.83E-09	8.74E-04	7.66E-07	5.82E-04	0.00E+00	4.54E-01	1.27E-09	4.54E-01	4.56E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MCN150	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.62E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.28E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MCN150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MCN150E	1.49E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.63E-09	7.15E-05	7.87E-04	0.00E+00	0.00E+00	4.04E-13	7.75E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.04E-04	3.18E-01	0.00E+00	3.53E-11	1.26E-09	1.94E-04	5.72E-07	4.24E-04	0.00E+00	3.18E-01	9.05E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05
MCN150P	2.29E-04	2.33E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.47E-02	9.38E-09	8.15E-05	8.73E-04	0.00E+00	0.00E+00	3.92E-13	8.28E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.21E-01	0.00E+00	3.40E-11	1.59E-09	2.21E-04	5.59E-07	4.15E-04	0.00E+00	3.21E-01	9.88E-10	3.21E-01	3.24E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
MCN163	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.62E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.28E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MCN163A	1.53E-04	2.32E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.66E-02	9.14E-09	7.22E-05	7.90E-04	0.00E+00	0.00E+00	4.22E-13	8.38E-12	6.30E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.05E-03	3.29E-01	0.00E+00	3.59E-11	1.23E-09	1.96E-04	7.60E-07	5.60E-04	0.00E+00	3.29E-01	9.85E-10	3.29E-01	3.29E-01	5.60E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
MCN163E	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.76E-05	7.42E-04	0.00E+00	0.00E+00	4.00E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MCN163P	2.32E-04	2.33E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.47E-02	9.41E-09	8.21E-05	8.89E-04	0.00E+00	0.00E+00	3.92E-13	8.28E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.21E-01	0.00E+00	3.40E-11	1.59E-09	2.24E-04	5.59E-07	4.15E-04	0.00E+00	3.21E-01	9.91E-10	3.21E-01	3.25E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
MCN200	2.81E-04	4.47E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.14E-02	1.68E-08	1.29E-04	1.41E-03	0.00E+00	0.00E+00	7.81E-13	1.52E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.55E-03	6.28E-01	0.00E+00	6.92E-11	2.25E-09	3.55E-04	1.10E-06	8.32E-04	0.00E+00	6.28E-01	1.78E-09	6.28E-01	6.31E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCN200E	3.48E-04	4.10E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.65E-02	1.33E-08	1.33E-04	1.52E-03	0.00E+00	0.00E+00	6.46E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.07E-03	5.20E-01	0.00E+00	6.40E-11	2.51E-09	3.53E-04	7.45E-07	5.60E-04	0.00E+00	5.20E-01	1.30E-09	5.20E-01	5.07E-01	5.60E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN201	2.81E-04	4.56E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.00E-02	1.90E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.85E-13	1.63E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.58E-03	6.34E-01	0.00E+00	7.37E-11	2.27E-09	3.58E-04	1.13E-06	8.51E-04	0.00E+00	6.34E-01	1.97E-09	6.34E-01	6.37E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MCN201E	3.58E-04	4.09E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.61E-02	1.33E-08	1.41E-04	1.60E-03	0.00E+00	0.00E+00	6.52E-13	1.24E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.07E-03	5.20E-01	0.00E+00	6.42E-11	2.55E-09	3.77E-04	7.44E-07	5.58E-04	0.00E+00	5.20E-01	1.30E-09	5.20E-01	5.05E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN201P	2.72E-03	6.55E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.18E-02	2.33E-08	6.32E-04	6.78E-03	0.00E+00	0.00E+00	9.99E-13	2.25E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	1.98E-03	8.55E-01	0.00E+00	8.94E-11	1.39E-08	1.78E-03	1.36E-06	1.00E-03	0.00E+00	8.55E-01	2.38E-09	8.55E-01	8.64E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MCN202	2.81E-04	4.57E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.00E-02	1.95E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	7.92E-13	1.64E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.59E-03	6.35E-01	0.00E+00	7.40E-11	2.28E-09	3.60E-04	1.14E-06	8.54E-04	0.00E+00	6.35E-01	2.00E-09	6.35E-01	6.38E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN202E	3.51E-04	4.09E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.61E-02	1.33E-08	1.39E-04	1.59E-03	0.00E+00	0.00E+00	6.46E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.07E-03	5.20E-01	0.00E+00	6.40E-11	2.55E-09	3.71E-04	7.44E-07	5.57E-04	0.00E+00	5.20E-01	1.30E-09	5.20E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN202P	2.72E-03	6.54E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.16E-02	2.27E-08	6.31E-04	6.79E-03	0.00E+00	0.00E+00	9.99E-13	2.25E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	1.97E-03	8.53E-01	0.00E+00	8.88E-11	1.39E-08	1.77E-03	1.36E-06	9.99E-04	0.00E+00	8.53E-01	2.36E-09	8.53E-01	8.60E-01	9.99E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCN203	2.84E-04	4.61E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	3.09E-02	2.08E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	7.88E-13	1.70E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.63E-03	6.37E-01	0.00E+00	7.33E-11	2.30E-09	3.64E-04	1.18E-06	8.86E-04	0.00E+00	6.37E-01	2.19E-09	6.37E-01	6.40E-01	8.86E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MCN203E	3.70E-04	4.10E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.61E-02	1.33E-08	1.42E-04	1.61E-03	0.00E+00	0.00E+00	6.46E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.07E-03	5.21E-01	0.00E+00	6.40E-11	2.55E-09	3.79E-04	7.44E-07	5.57E-04	0.00E+00	5.21E-01	1.30E-09	5.21E-01	5.06E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN203P	2.72E-03	6.54E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.18E-02	2.33E-08	6.32E-04	6.78E-03	0.00E+00	0.00E+00	1.00E-12	2.26E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-06	1.98E-03	8.56E-01	0.00E+00	8.94E-11	1.39E-08	1.78E-03	1.36E-06	1.00E-03	0.00E+00	8.56E-01	2.37E-09	8.56E-01	8.63E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MCN204	2.84E-04	4.60E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	3.10E-02	2.07E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	7.86E-13	1.70E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-06	1.63E-03	6.36E-01	0.00E+00	7.45E-11	2.30E-09	3.65E-04	1.18E-06	8.85E-04	0.00E+00	6.36E-01	2.19E-09	6.36E-01	6.38E-01	8.85E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MCN204E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCN204P	2.72E-03	6.54E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.16E-02	2.27E-08	6.31E-04	6.79E-03	0.00E+00	0.00E+00	1.00E-12	2.26E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	1.97E-03	8.53E-01	0.00E+00	8.88E-11	1.39E-08	1.77E-03	1.36E-06	1.00E-03	0.00E+00	8.53E-01	2.36E-09	8.53E-01	8.60E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCN206	2.29E-04	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.37E-02	1.36E-08	1.08E-04	1.18E-03	0.00E+00	0.00E+00	6.37E-13	1.23E-11	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.27E-03	5.05E-01	0.00E+00	5.55E-11	1.87E-09	2.98E-04	9.06E-07	6.74E-04	0.00E+00	5.05E-01	1.43E-09	5.05E-01	5.06E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MCN206A	2.40E-04	4.00E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.77E-02	1.94E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.74E-13	1.52E-11	9.74E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.41E-03	5.47E-01	0.00E+00	6.78E-11	2.00E-09	3.22E-04	1.02E-06	7.72E-04	0.00E+00	5.47E-01	2.05E-09	5.47E-01	5.46E-01	7.72E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
MCN206E	2.28E-04	3.60E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.36E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.34E-13	1.23E-11	8.78E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.27E-03	5.03E-01	0.00E+00	5.53E-11	1.86E-09	2.96E-04	9.01E-07	6.71E-04	0.00E+00	5.03E-01	1.42E-09	5.03E-01	5.04E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MCN206P	2.67E-03	6.60E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	4.01E-02	2.30E-08	6.19E-04	6.57E-03	0.00E+00	0.00E+00	9.55E-13	2.22E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.00E-03	8.29E-01	0.00E+00	8.78E-11	1.36E-08	1.74E-03	1.40E-06	1.07E-03	0.00E+00	8.29E-01	2.38E-09	8.29E-01	8.35E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MCN208E	2.24E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.42E-02	1.70E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.26E-13	1.34E-11	9.07E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.29E-03	5.02E-01	0.00E+00	6.54E-11	1.87E-09	3.01E-04	9.30E-07	7.03E-04	0.00E+00	5.02E-01	1.76E-09	5.02E-01	5.03E-01	7.03E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04

MCN210	2.08E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	9.74E-05	1.07E-03	0.00E+00	0.00E+00	5.76E-13	1.12E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.58E-01	0.00E+00	5.03E-11	1.69E-09	2.69E-04	8.20E-07	6.11E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.58E-01	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MCN210A	2.29E-04	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.59E-02	1.74E-08	1.12E-04	1.22E-03	0.00E+00	0.00E+00	6.39E-13	1.40E-11	9.26E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.32E-03	5.18E-01	0.00E+00	6.65E-11	1.91E-09	3.08E-04	9.48E-07	7.15E-04	0.00E+00	5.18E-01	1.82E-09	5.18E-01	5.18E-01	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCN210E	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MCN210P	2.07E-03	5.92E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.55E-02	2.05E-08	4.91E-04	5.37E-03	0.00E+00	0.00E+00	8.73E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.81E-03	7.47E-01	0.00E+00	7.74E-11	1.08E-08	1.39E-03	1.25E-06	9.58E-04	0.00E+00	7.47E-01	2.14E-09	7.47E-01	7.48E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MCN213	2.36E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.56E-13	1.27E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.20E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.33E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCN213E	2.30E-04	3.50E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	2.35E-02	1.39E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	5.57E-13	1.13E-11	7.91E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	1.11E-03	4.63E-01	0.00E+00	5.42E-11	1.86E-09	2.97E-04	8.08E-07	6.12E-04	0.00E+00	4.63E-01	1.47E-09	4.63E-01	4.51E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN216	2.36E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.56E-13	1.27E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.20E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.33E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCN216A	2.96E-04	3.33E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.12E-02	1.08E-08	1.06E-04	1.24E-03	0.00E+00	0.00E+00	5.21E-13	1.03E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	9.12E-04	4.43E-01	0.00E+00	5.06E-11	2.08E-09	2.86E-04	6.21E-07	4.81E-04	0.00E+00	4.43E-01	1.09E-09	4.43E-01	4.33E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MCN216E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MCN216P	2.08E-03	5.93E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.55E-02	2.04E-08	4.92E-04	5.38E-03	0.00E+00	0.00E+00	8.74E-13	1.96E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.60E-06	1.81E-03	7.49E-01	0.00E+00	7.76E-11	1.08E-08	1.39E-03	1.25E-06	9.58E-04	0.00E+00	7.49E-01	2.13E-09	7.49E-01	7.49E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
MCN220	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.21E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MCN220A	2.97E-04	3.34E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.12E-02	1.09E-08	1.06E-04	1.25E-03	0.00E+00	0.00E+00	5.21E-13	1.03E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	9.12E-04	4.45E-01	0.00E+00	5.07E-11	2.09E-09	2.88E-04	6.21E-07	4.81E-04	0.00E+00	4.45E-01	1.09E-09	4.45E-01	4.34E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MCN220E	3.44E-04	5.42E-02	0.00E+00	5.42E-02	0.00E+00	0.00E+00	3.56E-02	2.04E-08	1.61E-04	1.77E-03	0.00E+00	0.00E+00	9.55E-13	1.85E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.80E-06	1.91E-03	7.58E-01	0.00E+00	8.33E-11	2.80E-09	4.46E-04	1.36E-06	1.01E-03	0.00E+00	7.58E-01	2.14E-09	7.58E-01	7.59E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MCN220P	2.61E-03	6.15E-02	0.00E+00	6.17E-02	0.00E+00	0.00E+00	3.60E-02	2.11E-08	6.02E-04	6.38E-03	0.00E+00	0.00E+00	8.31E-13	2.00E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.84E-03	7.72E-01	0.00E+00	7.74E-11	1.32E-08	1.66E-03	1.27E-06	9.73E-04	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
MCN225	3.21E-04	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.31E-02	1.17E-08	1.17E-04	1.36E-03	0.00E+00	0.00E+00	5.64E-13	1.12E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	9.34E-04	4.77E-01	0.00E+00	5.58E-11	2.26E-09	3.15E-04	6.40E-07	4.96E-04	0.00E+00	4.77E-01	1.16E-09	4.77E-01	4.63E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MCN225A	2.51E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.59E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.37E-11	9.65E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.39E-03	5.54E-01	0.00E+00	5.99E-11	2.03E-09	3.22E-04	9.91E-07	7.36E-04	0.00E+00	5.54E-01	1.57E-09	5.54E-01	5.54E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MCN225E	2.41E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.49E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.69E-13	1.29E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.34E-03	5.31E-01	0.00E+00	5.83E-11	1.96E-09	3.13E-04	9.52E-07	7.09E-04	0.00E+00	5.31E-01	1.50E-09	5.31E-01	5.32E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MCN225P	2.76E-03	6.83E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	4.24E-02	2.35E-08	6.40E-04	6.91E-03	0.00E+00	0.00E+00	9.77E-13	2.27E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.06E-03	8.75E-01	0.00E+00	8.93E-11	1.42E-08	1.80E-03	1.44E-06	1.10E-03	0.00E+00	8.75E-01	2.45E-09	8.75E-01	8.80E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MCN232	3.44E-04	4.68E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	3.38E-02	2.09E-08	1.44E-04	1.63E-03	0.00E+00	0.00E+00	7.94E-13	1.74E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06	1.69E-03	6.46E-01	0.00E+00	7.83E-11	2.44E-09	4.15E-04	1.21E-06	9.25E-04	0.00E+00	6.46E-01	2.22E-09	6.46E-01	6.45E-01	9.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCN232A	2.74E-04	4.45E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.00E-02	1.92E-08	1.27E-04	1.38E-03	0.00E+00	0.00E+00	7.57E-13	1.59E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.57E-03	6.12E-01	0.00E+00	7.43E-11	2.21E-09	3.48E-04	1.13E-06	8.44E-04	0.00E+00	6.12E-01	2.00E-09	6.12E-01	6.14E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MCN232E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN232P	2.75E-03	5.85E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.93E-02	1.76E-08	6.42E-04	7.03E-03	0.00E+00	0.00E+00	8.27E-13	1.76E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.73E-03	6.58E-01	0.00E+00	7.48E-11	1.43E-08	1.80E-03	1.19E-06	9.29E-04	0.00E+00	6.58E-01	1.80E-09	6.58E-01	6.34E-01	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
MCN240	3.44E-04	4.71E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.38E-02	2.09E-08	1.47E-04	1.68E-03	0.00E+00	0.00E+00	7.98E-13	1.75E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.68E-03	6.46E-01	0.00E+00	7.78E-11	2.44E-09	4.13E-04	1.22E-06	9.26E-04	0.00E+00	6.46E-01	2.22E-09	6.46E-01	6.46E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCN240A	2.75E-04	4.56E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	3.10E-02	2.09E-08	1.31E-04	1.42E-03	0.00E+00	0.00E+00	7.74E-13	1.71E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-06	1.62E-03	6.19E-01	0.00E+00	7.62E-11	2.21E-09	3.50E-04	1.18E-06	8.92E-04	0.00E+00	6.19E-01	2.20E-09	6.19E-01	6.19E-01	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MCN240E	2.84E-04	4.48E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	2.94E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.89E-13	1.53E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.58E-03	6.26E-01	0.00E+00	6.88E-11	2.31E-09	3.69E-04	1.12E-06	8.35E-04	0.00E+00	6.26E-01	1.77E-09	6.26E-01	6.27E-01	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCN240P	2.74E-03	5.85E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.93E-02	1.76E-08	6.39E-04	6.98E-03	0.00E+00	0.00E+00	8.28E-13	1.76E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.73E-03	6.58E-01	0.00E+00	7.48E-11	1.43E-08	1.79E-03	1.20E-06	9.32E-04	0.00E+00	6.58E-01	1.79E-09	6.58E-01	6.35E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
MCN250	4.79E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.78E-02	1.34E-08	1.58E-04	1.82E-03	0.00E+00	0.00E+00	6.43E-13	1.22E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.14E-01	0.00E+00	6.37E-11	3.00E-09	4.37E-04	7.40E-07	5.56E-04	0.00E+00	5.14E-01	1.31E-09	5.14E-01	5.02E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MCN250A	2.91E-04	4.73E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	3.24E-02	2.16E-08	1.34E-04	1.43E-03	0.00E+00	0.00E+00	8.21E-13	1.75E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.70E-03	6.52E-01	0.00E+00	7.65E-11	2.30E-09	3.63E-04	1.23E-06	9.29E-04	0.00E+00	6.52E-01	2.29E-09	6.52E-01	6.53E-01	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MCN250E	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.74E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.46E-01	0.00E+00	7.10E-11	2.38E-09	3.80E-04	1.16E-06	8.62E-04	0.00E+00	6.46E-01	1.82E-09	6.46E-01	6.47E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MCN250P	2.71E-03	5.89E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.65E-02	1.71E-08	6.15E-04	6.83E-03	0.00E+00	0.00E+00	8.16E-13	1.68E-11	9.11E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	1.17E-03	6.71E-01	0.00E+00	7.49E-11	1.40E-08	1.77E-03	8.15E-07	6.39E-04	0.00E+00	6.71E-01	1.63E-09	6.71E-01	6.43E-01	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MCN263	4.78E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.80E-02	1.35E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	6.63E-13	1.24E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.06E-03	5.18E-01	0.00E+00	6.39E-11	3.01E-09	4.35E-04	7.44E-07	5.67E-04	0.00E+00	5.18E-01	1.32E-09	5.18E-01	5.05E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MCN263A	4.79E-04	4.07E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.81E-02	1.34E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	6.69E-13	1.24E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.05E-03	5.20E-01	0.00E+00	6.36E-11	3.03E-09	4.35E-04	7.42E-07	5.67E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.05E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MCN263E	4.29E-04	4.21E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.84E-02	1.38E-08	1.45E-04	1.72E-03	0.00E+00	0.00E+00	6.82E-13	1.29E-11	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.06E-03	5.34E-01	0.00E+00	6.55E-11	2.71E-09	4.16E-04	7.46E-07	5.76E-04	0.00E+00	5.34E-01	1.41E-09	5.34E-01	5.22E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN263P	2.68E-03	5.94E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	3.64E-02	1.71E-08	6.20E-04	6.85E-03	0.00E+00	0.00E+00	8.20E-13	1.68E-11	9.12E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.17E-03	6.73E-01	0.00E+00	7.54E-11	1.41E-08	1.77E-03	8.12E-07	6.41E-04	0.00E+00	6.73E-01	1.64E-09	6.73E-01	6.44E-01	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
MCN300	4.41E-04	6.92E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	4.75E-02	2.03E-08	2.06E-04	2.17E-03	0.00E+00	0.00E+00	1.11E-12	2.11E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-06	2.20E-03	8.73E-01	0.00E+00	9.63E-11	3.31E-09	5.75E-04	1.53E-06	1.15E-03	0.00E+00	8.73E-01	2.13E-09	8.73E-01	8.71E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
MCN300E	4.36E-04	6.56E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.34E-02	1.99E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.15E-12	2.16E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-06	2.30E-03	9.18E-01	0.00E+00	9.99E-11	3.32E-09	5.28E-04	1.64E-06	1.21E-03	0.00E+00	9.18E-01	2.11E-09	9.18E-01	9.24E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MCN301	4.38E-04	6.79E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.61E-02	2.60E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.26E-12	2.40E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.52E-03	9.96E-01	0.00E+00	1.09E-10	3.44E-09	5.48E-04	1.81E-06	1.32E-03	0.00E+00	9.96E-01	2.79E-09	9.96E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MCN301E	4.36E-04	6.55E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.33E-02	2.13E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.15E-12	2.17E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.31E-03	9.17E-01	0.00E+00	9.99E-11	3.34E-09	5.29E-04	1.63E-06	1.21E-03	0.00E+00	9.17E-01	2.20E-09	9.17E-01	9.22E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MCN301P	3.65E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.44E-04	9.40E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.41E-03	2.10E-06	1.59E-03	0.00E+00	1.28E+00	3.67E-09	1.28E+00	1.26E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN302	4.57E-04	7.53E-02	0.00E+00	7.52E-02	0.00E+00	0.00E+00	5.08E-02	2.64E-08	2.35E-04	2.46E-03	0.00E+00	0.00E+00	1.25E-12	2.35E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.44E-03	9.88E-01	0.00E+00	1.06E-10	3.67E-09	6.44E-04	1.76E-06	1.32E-03	0.00E+00	9.88E-01	2.77E-09	9.88E-01	9.83E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MCN302E	4.51E-04	6.67E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.37E-02	2.50E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.27E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.34E-03	9.32E-01	0.00E+00	1.02E-10	3.44E-09	5.49E-04	1.67E-06	1.24E-03	0.00E+00	9.32E-01	2.63E-09	9.32E-01	9.33E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MCN302P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.43E-04	9.38E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.40E-03	2.10E-06	1.60E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.26E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN303	4.38E-04	6.81E-02	0.00E+00	6.86E-02	0.00E+00	0.00E+00	4.61E-02	2.61E-08	1.97E-04	2.18E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-06	2.52E-03	9.98E-01	0.00E+00	1.08E-10	3.45E-09	5.49E-04	1.80E-06	1.33E-03	0.00E+00	9.98E-01	2.79E-09	9.98E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MCN303E	4.36E-04	6.55E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.33E-02	1.99E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.16E-12	2.16E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.30E-03	9.18E-01	0.00E+00	9.97E-11	3.32E-09	5.27E-04	1.64E-06	1.21E-03	0.00E+00	9.18E-01	2.01E-09	9.18E-01	9.24E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MCN304	4.54E-04	7.52E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	5.02E-02	2.63E-08	2.34E-04	2.45E-03	0.00E+00	0.00E+00	1.23E-12	2.34E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.44E-03	9.87E-01	0.00E+00	1.05E-10	3.64E-09	6.41E-04	1.75E-06	1.32E-03	0.00E+00	9.87E-01	2.75E-09	9.87E-01	9.83E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MCN304E	4.74E-04	7.20E-02	0.00E+00	7.23E-02	0.00E+00	0.00E+00	4.81E-02	1.97E-08	2.25E-04	2.34E-03	0.00E+00	0.00E+00	1.15E-12	2.17E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.25E-03	8.95E-01	0.00E+00	9.76E-11	3.55E-09	6.20E-04	1.56E-06	1.15E-03	0.00E+00	8.95E-01	2.02E-09	8.95E-01	8.96E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MCN304P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.43E-04	9.38E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.40E-03	2.10E-06	1.60E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.26E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN306	3.45E-04	5.44E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	3.57E-02	2.04E-08	1.62E-04	1.77E-03	0.00E+00	0.00E+00	9.57E-13	1.85E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.91E-03	7.60E-01	0.00E+00	8.35E-11	2.80E-09	4.47E-04	1.36E-06	1.01E-03	0.00E+00	7.60E-01	2.14E-09	7.60E-01	7.61E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
MCN306A	3.50E-04	5.97E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	4.07E-02	2.37E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	1.09E-12	2.14E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-06	2.39E-03	9.43E-01	0.00E+00	9.74E-11	2.85E-09	4.56E-04	1.65E-06	1.24E-03	0.00E+00	9.43E-01	2.52E-09	9.43E-01	9.47E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MCN306E	3.42E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.61E-04	1.76E-03	0.00E+00	0.00E+00	9.50E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.54E-01	0.00E+00	8.29E-11	2.79E-09	4.44E-04	1.35E-06	1.01E-03	0.00E+00	7.54E-01	2.13E-09	7.54E-01	7.55E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MCN306P	3.58E-03	9.81E-02	0.00E+00	9.96E-02	0.00E+00	0.00E+00	6.04E-02	3.42E-08	8.40E-04	9.28E-03	0.00E+00	0.00E+00	1.42E-12	3.21E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.00E-03	1.25E+00	0.00E+00	1.33E-10	1.88E-08	2.38E-03	2.09E-06	1.59E-03	0.00E+00	1.25E+00	3.63E-09	1.25E+00	1.25E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MCN308	3.49E-04	5.97E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	4.04E-02	2.36E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	1.09E-12	2.13E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.39E-03	9.37E-01	0.00E+00	9.65E-11	2.85E-09	4.56E-04	1.65E-06	1.25E-03	0.00E+00	9.37E-01	2.51E-09	9.37E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
MCN310	3.09E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.83E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.56E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-06	1.71E-03	6.80E-01	0.00E+00	7.47E-11	2.51E-09	4.00E-04	1.22E-06	9.07E-04	0.00E+00	6.80E-01	1.92E-09	6.80E-01	6.81E-01	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN310A	3.53E-04	6.74E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.76E-02	2.99E-08	1.61E-04	1.77E-03	0.00E+00	0.00E+00	1.19E-12	2.93E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	4.74E-03	1.24E+00	0.00E+00	1.07E-10	2.94E-09	4.64E-04	3.72E-06	2.90E-03	0.00E+00	1.24E+00	3.44E-09	1.24E+00	1.25E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCN310E	3.09E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.83E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.56E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-06	1.71E-03	6.80E-01	0.00E+00	7.47E-11	2.51E-09	4.00E-04	1.22E-06	9.07E-04	0.00E+00	6.80E-01	1.92E-09	6.80E-01	6.81E-01	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN310P	3.40E-03	9.16E-02	0.00E+00	9.23E-02	0.00E+00	0.00E+00	6.16E-02	3.65E-08	7.64E-04	8.43E-03	0.00E+00	0.00E+00	1.41E-12	3.50E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-06	5.83E-03	1.35E+00	0.00E+00	1.33E-10	1.71E-08	2.18E-03	4.53E-06	3.53E-03	0.00E+00	1.35E+00	4.09E-09	1.35E+00	1.34E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MCN313	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.56E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MCN313E	3.52E-04	6.00E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	4.07E-02	2.36E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	1.09E-12	2.14E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.39E-03	9.40E-01	0.00E+00	9.75E-11	2.87E-09	4.58E-04	1.65E-06	1.25E-03	0.00E+00	9.40E-01	2.51E-09	9.40E-01	9.43E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MCN316	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.56E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MCN316A	3.56E-04	5.62E-02	0.00E+00	5.61E-02	0.00E+00	0.00E+00	3.66E-02	2.11E-08	1.67E-04	1.83E-03	0.00E+00	0.00E+00	9.87E-13	1.91E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-06	1.98E-03	7.86E-01	0.00E+00	8.60E-11	2.90E-09	4.62E-04	1.40E-06	1.05E-03	0.00E+00	7.86E-01	2.22E-09	7.86E-01	7.86E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
MCN316E	3.08E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.82E-08	1.44E-04	1.58E-03	0.00E+00	0.00E+00	8.55E-13	1.65E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.71E-03	6.78E-01	0.00E+00	7.45E-11	2.50E-09	3.99E-04	1.22E-06	9.05E-04	0.00E+00	6.78E-01	1.91E-09	6.78E-01	6.79E-01	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN316P	3.01E-03	7.57E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	4.08E-02	2.20E-08	7.00E-04	7.65E-03	0.00E+00	0.00E+00	1.14E-12	2.43E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.00E-03	8.33E-01	0.00E+00	9.08E-11	1.55E-08	1.99E-03	1.49E-06	1.05E-03	0.00E+00	8.33E-01	2.26E-09	8.33E-01	8.43E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MCN320	3.53E-04	5.56E-02	0.00E+00	5.56E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.79E-13	1.89E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-06	1.95E-03	7.77E-01	0.00E+00	8.54E-11	2.87E-09	4.57E-04	1.39E-06	1.04E-03	0.00E+00	7.77E-01	2.19E-09	7.77E-01	7.78E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MCN320A	3.59E-04	5.68E-02	0.00E+00	5.67E-02	0.00E+00	0.00E+00	3.70E-02	2.31E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.95E-13	1.92E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-06	2.00E-03	7.95E-01	0.00E+00	8.71E-11	2.92E-09	4.66E-04	1.42E-06	1.06E-03	0.00E+00	7.95E-01	2.24E-09	7.95E-01	7.96E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
MCN320E	3.62E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.01E-03	7.97E-01	0.00E+00	8.76E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCN320P	3.67E-03	9.95E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.07E-02	3.47E-08	8.65E-04	9.55E-03	0.00E+00	0.00E+00	1.46E-12	3.25E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-06	3.05E-03	1.28E+00	0.00E+00	1.33E-10	1.94E-08	2.44E-03	2.11E-06	1.62E-03	0.00E+00	1.28E+00	3.68E-09	1.28E+00	1.27E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MCN325	3.59E-04	5.66E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	3.71E-02	2.13E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.96E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	1.99E-03	7.91E-01	0.00E+00	8.69E-11	2.92E-09	4.65E-04	1.42E-06	1.05E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.92E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MCN325A	3.70E-04	5.83E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.79E-02	2.19E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.95E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.04E-03	8.15E-01	0.00E+00	8.85E-11	3.01E-09	4.78E-04	1.45E-06	1.09E-03	0.00E+00	8.15E-01	2.30E-09	8.15E-01	8.17E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MCN325E	3.61E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-06	2.00E-03	7.96E-01	0.00E+00	8.75E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.96E-01	2.25E-09	7.96E-01	7.97E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCN325P	3.67E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.13E-02	3.51E-08	8.65E-04	9.53E-03	0.00E+00	0.00E+00	1.47E-12	3.26E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.08E-03	1.29E+00	0.00E+00	1.33E-10	1.93E-08	2.45E-03	2.13E-06	1.63E-03	0.00E+00	1.29E+00	3.69E-09	1.29E+00	1.28E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MCN332	4.24E-04	6.68E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	4.38E-02	2.51E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.35E-03	9.34E-01	0.00E+00	1.03E-10	3.45E-09	5.50E-04	1.67E-06	1.25E-03	0.00E+00	9.34E-01	2.63E-09	9.34E-01	9.35E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MCN332A	5.15E-04	7.31E-02	0.00E+00	7.32E-02	0.00E+00	0.00E+00	4.52E-02	2.64E-08	2.32E-04	2.44E-03	0.00E+00	0.00E+00	1.37E-12	2.36E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.74E-09	6.36E-04	1.85E-06	1.35E-03	0.00E+00	1.00E+00	2.82E-09	1.00E+00	9.97E-01	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MCN332E	3.95E-04	6.23E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.09E-02	2.34E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.70E-01	0.00E+00	9.56E-11	3.21E-09	5.12E-04	1.56E-06	1.16E-03	0.00E+00	8.70E-01	2.46E-09	8.70E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCN332P	3.68E-03	9.11E-02	0.00E+00	9.22E-02	0.00E+00	0.00E+00	5.53E-02	2.85E-08	8.56E-04	9.50E-03	0.00E+00	0.00E+00	1.36E-12	2.96E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-06	2.55E-03	9.98E-01	0.00E+00	1.20E-10	1.93E-08	2.44E-03	1.79E-06	1.32E-03	0.00E+00	9.98E-01	2.94E-09	9.98E-01	9.90E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
MCN340	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.44E-02	2.55E-08	2.01E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.47E-01	0.00E+00	1.04E-10	3.49E-09	5.57E-04	1.70E-06	1.26E-03	0.00E+00	9.47E-01	2.67E-09	9.47E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MCN340A	4.21E-04	6.75E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.66E-02	2.62E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.29E-12	2.38E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.64E-03	1.04E+00	0.00E+00	1.14E-10	3.44E-09	5.46E-04	1.91E-06	1.41E-03	0.00E+00	1.04E+00	2.81E-09	1.04E+00	1.03E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCN340E	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MCN340P	3.73E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.28E-02	3.56E-08	8.78E-04	9.65E-03	0.00E+00	0.00E+00	1.51E-12	3.32E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.13E-03	1.30E+00	0.00E+00	1.38E-10	1.97E-08	2.49E-03	2.17E-06	1.66E-03	0.00E+00	1.30E+00	3.72E-09	1.30E+00	1.30E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
MCN350	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.52E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.71E-06	1.27E-03	0.00E+00	9.52E-01	2.69E-09	9.52E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCN350A	4.40E-04	7.07E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.84E-02	2.79E-08	2.06E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.47E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.55E-09	5.68E-04	2.04E-06	1.51E-03	0.00E+00	1.11E+00	3.00E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MCN350E	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MCN350P	3.84E-03	9.32E-02	0.00E+00	9.41E-02	0.00E+00	0.00E+00	5.73E-02	3.05E-08	8.92E-04	9.77E-03	0.00E+00	0.00E+00	1.43E-12	3.11E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.58E-03	1.02E+00	0.00E+00	1.27E-10	2.01E-08	2.53E-03	1.85E-06	1.34E-03	0.00E+00	1.02E+00	3.17E-09	1.02E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
MCN363	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.52E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.71E-06	1.27E-03	0.00E+00	9.52E-01	2.69E-09	9.52E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCN363A	4.39E-04	7.07E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.84E-02	2.78E-08	2.06E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.48E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.55E-09	5.68E-04	2.04E-06	1.50E-03	0.00E+00	1.11E+00	3.00E-09	1.11E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MCN363E	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04

MCN363P	3.88E-03	1.05E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.50E-02	3.67E-08	9.12E-04	9.98E-03	0.00E+00	0.00E+00	1.59E-12	3.50E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.26E-03	1.34E+00	0.00E+00	1.46E-10	2.04E-08	2.58E-03	2.28E-06	1.74E-03	0.00E+00	1.34E+00	3.80E-09	1.34E+00	1.35E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
MCN400	5.38E-04	8.44E-02	0.00E+00	8.41E-02	0.00E+00	0.00E+00	5.43E-02	3.16E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.86E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-06	2.90E-03	1.16E+00	0.00E+00	1.27E-10	4.37E-09	6.95E-04	2.06E-06	1.53E-03	0.00E+00	1.16E+00	3.31E-09	1.16E+00	1.16E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MCN400E	4.33E-04	5.72E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	3.68E-02	1.82E-08	1.83E-04	2.05E-03	0.00E+00	0.00E+00	1.03E-12	1.80E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.87E-03	8.24E-01	0.00E+00	8.41E-11	3.45E-09	5.10E-04	1.33E-06	9.86E-04	0.00E+00	8.24E-01	1.84E-09	8.24E-01	8.38E-01	9.86E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MCN401	5.39E-04	8.45E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	5.44E-02	3.15E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.86E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.90E-03	1.16E+00	0.00E+00	1.28E-10	4.37E-09	6.95E-04	2.07E-06	1.53E-03	0.00E+00	1.16E+00	3.31E-09	1.16E+00	1.16E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCN401E	5.39E-04	8.45E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.44E-02	3.15E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.86E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.90E-03	1.16E+00	0.00E+00	1.28E-10	4.37E-09	6.95E-04	2.07E-06	1.53E-03	0.00E+00	1.16E+00	3.31E-09	1.16E+00	1.16E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCN402	5.39E-04	8.45E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.45E-02	3.16E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.86E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-06	2.91E-03	1.17E+00	0.00E+00	1.27E-10	4.37E-09	6.96E-04	2.07E-06	1.54E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MCN402E	5.40E-04	8.47E-02	0.00E+00	8.44E-02	0.00E+00	0.00E+00	5.46E-02	3.17E-08	2.52E-04	2.77E-03	0.00E+00	0.00E+00	1.50E-12	2.87E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.91E-03	1.17E+00	0.00E+00	1.28E-10	4.37E-09	6.97E-04	2.07E-06	1.54E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCN402P	3.73E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.12E-02	3.49E-08	8.64E-04	9.54E-03	0.00E+00	0.00E+00	1.49E-12	3.32E-11	2.14E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-06	3.08E-03	1.28E+00	0.00E+00	1.35E-10	1.94E-08	2.45E-03	2.12E-06	1.61E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.27E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN403	5.12E-04	7.40E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	4.84E-02	2.12E-08	2.23E-04	2.47E-03	0.00E+00	0.00E+00	1.34E-12	2.44E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.43E-03	9.67E-01	0.00E+00	1.12E-10	4.01E-09	6.27E-04	1.74E-06	1.27E-03	0.00E+00	9.67E-01	2.13E-09	9.67E-01	9.69E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
MCN403E	7.00E-04	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.63E-02	4.18E-08	3.12E-04	3.50E-03	0.00E+00	0.00E+00	1.87E-12	3.80E-11	2.48E-04	0.00E+00	0.00E+00	0.00E+00	9.15E-06	6.46E-03	1.61E+00	0.00E+00	1.76E-10	5.56E-09	8.95E-04	4.78E-06	3.71E-03	0.00E+00	1.61E+00	4.39E-09	1.61E+00	1.56E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
MCN404	5.39E-04	8.42E-02	0.00E+00	8.41E-02	0.00E+00	0.00E+00	5.43E-02	3.16E-08	2.52E-04	2.77E-03	0.00E+00	0.00E+00	1.49E-12	2.86E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	3.25E-03	1.17E+00	0.00E+00	1.27E-10	4.38E-09	7.01E-04	2.44E-06	1.87E-03	0.00E+00	1.17E+00	3.50E-09	1.17E+00	1.16E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
MCN404E	5.39E-04	8.46E-02	0.00E+00	8.44E-02	0.00E+00	0.00E+00	5.45E-02	3.17E-08	2.52E-04	2.77E-03	0.00E+00	0.00E+00	1.50E-12	2.87E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.91E-03	1.17E+00	0.00E+00	1.28E-10	4.37E-09	6.97E-04	2.07E-06	1.54E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCN406	4.57E-04	7.20E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.73E-02	2.70E-08	2.14E-04	2.35E-03	0.00E+00	0.00E+00	1.27E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.54E-03	1.01E+00	0.00E+00	1.11E-10	3.72E-09	5.94E-04	1.81E-06	1.35E-03	0.00E+00	1.01E+00	2.83E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MCN406A	4.57E-04	7.20E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.69E-02	2.69E-08	2.14E-04	2.35E-03	0.00E+00	0.00E+00	1.26E-12	2.44E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.54E-03	1.01E+00	0.00E+00	1.11E-10	3.72E-09	5.93E-04	1.81E-06	1.35E-03	0.00E+00	1.01E+00	2.82E-09	1.01E+00	1.02E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MCN406P	3.72E-03	9.80E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	6.01E-02	3.41E-08	8.69E-04	9.58E-03	0.00E+00	0.00E+00	1.47E-12	3.26E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.03E-03	1.25E+00	0.00E+00	1.34E-10	1.95E-08	2.46E-03	2.10E-06	1.59E-03	0.00E+00	1.25E+00	3.55E-09	1.25E+00	1.25E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MCN410	4.73E-04	7.43E-02	0.00E+00	7.45E-02	0.00E+00	0.00E+00	4.85E-02	2.77E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	3.04E-03	1.04E+00	0.00E+00	1.15E-10	3.84E-09	6.14E-04	2.31E-06	1.79E-03	0.00E+00	1.04E+00	3.10E-09	1.04E+00	1.04E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCN410A	4.91E-04	7.71E-02	0.00E+00	7.76E-02	0.00E+00	0.00E+00	5.23E-02	2.90E-08	2.27E-04	2.55E-03	0.00E+00	0.00E+00	1.36E-12	2.79E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	3.25E-03	1.17E+00	0.00E+00	1.19E-10	3.96E-09	6.41E-04	2.39E-06	1.88E-03	0.00E+00	1.17E+00	3.24E-09	1.17E+00	1.17E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
MCN410E	4.46E-04	7.01E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.67E-02	2.66E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.25E-12	2.41E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.50E-03	9.96E-01	0.00E+00	1.08E-10	3.63E-09	5.80E-04	1.79E-06	1.33E-03	0.00E+00	9.96E-01	2.80E-09	9.96E-01	9.96E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MCN410P	3.41E-03	8.72E-02	0.00E+00	8.62E-02	0.00E+00	0.00E+00	5.32E-02	2.97E-08	7.61E-04	8.44E-03	0.00E+00	0.00E+00	1.32E-12	2.77E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-06	2.72E-03	1.09E+00	0.00E+00	1.22E-10	1.72E-08	2.17E-03	1.89E-06	1.42E-03	0.00E+00	1.09E+00	3.29E-09	1.09E+00	1.09E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MCN413	4.72E-04	7.46E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-02	2.78E-08	2.22E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-06	2.62E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.13E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.92E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MCN413E	4.72E-04	7.45E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.22E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-06	2.62E-03	1.04E+00	0.00E+00	1.15E-10	3.84E-09	6.13E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.92E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MCN416	4.70E-04	7.01E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.57E-02	2.53E-08	2.20E-04	2.42E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-06	2.33E-03	9.13E-01	0.00E+00	1.06E-10	3.83E-09	6.10E-04	1.66E-06	1.22E-03	0.00E+00	9.13E-01	2.64E-09	9.13E-01	9.08E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MCN416A	4.82E-04	7.57E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	5.01E-02	2.86E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.33E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-06	2.66E-03	1.06E+00	0.00E+00	1.17E-10	3.91E-09	6.23E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCN416E	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MCN416P	3.43E-03	8.72E-02	0.00E+00	8.62E-02	0.00E+00	0.00E+00	5.33E-02	2.97E-08	7.62E-04	8.44E-03	0.00E+00	0.00E+00	1.33E-12	2.76E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-06	2.71E-03	1.09E+00	0.00E+00	1.22E-10	1.73E-08	2.17E-03	1.88E-06	1.42E-03	0.00E+00	1.09E+00	3.28E-09	1.09E+00	1.08E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MCN420	4.76E-04	7.10E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.60E-02	2.20E-08	2.13E-04	2.33E-03	0.00E+00	0.00E+00	1.24E-12	2.33E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.35E-03	9.27E-01	0.00E+00	1.06E-10	3.75E-09	5.92E-04	1.66E-06	1.22E-03	0.00E+00	9.27E-01	2.30E-09	9.27E-01	9.18E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCN420A	4.88E-04	7.25E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	4.71E-02	2.60E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.26E-12	2.44E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.37E-03	9.36E-01	0.00E+00	1.09E-10	3.97E-09	6.32E-04	1.68E-06	1.24E-03	0.00E+00	9.36E-01	2.73E-09	9.36E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MCN420E	4.88E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MCN420P	3.77E-03	9.89E-02	0.00E+00	9.93E-02	0.00E+00	0.00E+00	6.05E-02	3.46E-08	8.84E-04	9.70E-03	0.00E+00	0.00E+00	1.49E-12	3.30E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.08E-03	1.28E+00	0.00E+00	1.35E-10	1.99E-08	2.50E-03	2.12E-06	1.62E-03	0.00E+00	1.28E+00	3.59E-09	1.28E+00	1.27E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN425	4.85E-04	7.20E-02	0.00E+00	7.23E-02	0.00E+00	0.00E+00	4.69E-02	2.48E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.25E-12	2.43E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.36E-03	9.33E-01	0.00E+00	1.08E-10	3.94E-09	6.33E-04	1.67E-06	1.23E-03	0.00E+00	9.33E-01	2.59E-09	9.33E-01	9.27E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MCN425A	4.94E-04	7.28E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.71E-02	2.20E-08	2.19E-04	2.40E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-06	2.38E-03	9.39E-01	0.00E+00	1.08E-10	3.88E-09	6.11E-04	1.68E-06	1.24E-03	0.00E+00	9.39E-01	2.31E-09	9.39E-01	9.32E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MCN425E	4.84E-04	7.63E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.27E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MCN425P	3.78E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.16E-02	3.49E-08	8.85E-04	9.71E-03	0.00E+00	0.00E+00	1.52E-12	3.32E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-06	3.13E-03	1.29E+00	0.00E+00	1.36E-10	2.00E-08	2.50E-03	2.15E-06	1.64E-03	0.00E+00	1.29E+00	3.62E-09	1.29E+00	1.28E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MCN432	6.24E-04	9.61E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	6.28E-02	3.38E-08	3.01E-04	3.26E-03	0.00E+00	0.00E+00	1.71E-12	3.67E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-06	3.75E-03	1.52E+00	0.00E+00	1.44E-10	4.84E-09	8.43E-04	2.72E-06	2.00E-03	0.00E+00	1.52E+00	3.93E-09	1.52E+00	1.54E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04
MCN432A	5.43E-04	8.56E-02	0.00E+00	8.53E-02	0.00E+00	0.00E+00	5.56E-02	3.19E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.06E-04	2.12E-06	1.58E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MCN432E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MCN432P	3.81E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.23E-02	3.52E-08	8.94E-04	9.75E-03	0.00E+00	0.00E+00	1.54E-12	3.38E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-06	3.17E-03	1.30E+00	0.00E+00	1.39E-10	2.02E-08	2.53E-03	2.17E-06	1.66E-03	0.00E+00	1.30E+00	3.64E-09	1.30E+00	1.30E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
MCN440	6.27E-04	9.11E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.82E-02	3.30E-08	2.96E-04	3.19E-03	0.00E+00	0.00E+00	1.66E-12	3.04E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.09E-03	1.23E+00	0.00E+00	1.38E-10	4.80E-09	8.32E-04	2.21E-06	1.65E-03	0.00E+00	1.23E+00	3.45E-09	1.23E+00	1.22E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
MCN440A	5.44E-04	8.58E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.61E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.90E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.13E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MCN440E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MCN440P	3.81E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.28E-02	3.53E-08	8.96E-04	9.78E-03	0.00E+00	0.00E+00	1.54E-12	3.36E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.16E-03	1.30E+00	0.00E+00	1.39E-10	2.02E-08	2.54E-03	2.17E-06	1.66E-03	0.00E+00	1.30E+00	3.65E-09	1.30E+00	1.30E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MCN450	5.83E-04	9.51E-02	0.00E+00	9.62E-02	0.00E+00	0.00E+00	6.41E-02	3.54E-08	2.68E-04	2.97E-03	0.00E+00	0.00E+00	1.64E-12	3.58E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-06	3.79E-03	1.47E+00	0.00E+00	1.47E-10	4.68E-09	7.56E-04	2.76E-06	2.07E-03	0.00E+00	1.47E+00	3.88E-09	1.47E+00	1.47E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04
MCN450A	5.81E-04	9.18E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.09E-02	3.43E-08	2.71E-04	3.01E-03	0.00E+00	0.00E+00	1.61E-12	3.25E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.57E-03	1.35E+00	0.00E+00	1.42E-10	4.71E-09	7.60E-04	2.61E-06	2.03E-03	0.00E+00	1.35E+00	3.71E-09	1.35E+00	1.34E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
MCN450E	5.75E-04	9.04E-02	0.00E+00	9.04E-02	0.00E+00	0.00E+00	5.91E-02	3.40E-08	2.69E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.18E-03	1.27E+00	0.00E+00	1.39E-10	4.68E-09	7.46E-04	2.27E-06	1.69E-03	0.00E+00	1.27E+00	3.56E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCN450P	3.91E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.47E-02	3.62E-08	9.08E-04	9.95E-03	0.00E+00	0.00E+00	1.58E-12	3.51E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.27E-03	1.34E+00	0.00E+00	1.45E-10	2.06E-08	2.57E-03	2.24E-06	1.72E-03	0.00E+00	1.34E+00	3.71E-09	1.34E+00	1.34E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04
MCN463	5.78E-04	9.09E-02	0.00E+00	9.07E-02	0.00E+00	0.00E+00	5.92E-02	3.40E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.09E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.49E-04	2.27E-06	1.69E-03	0.00E+00	1.27E+00	3.57E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MCN463A	5.83E-04	9.22E-02	0.00E+00	9.21E-02	0.00E+00	0.00E+00	6.15E-02	3.43E-08	2.72E-04	3.01E-03	0.00E+00	0.00E+00	1.62E-12	3.27E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-06	3.58E-03	1.35E+00	0.00E+00	1.42E-10	4.73E-09	7.64E-04	2.61E-06	2.03E-03	0.00E+00	1.35E+00	3.71E-09	1.35E+00	1.34E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MCN463E	5.80E-04	9.15E-02	0.00E+00	9.11E-02	0.00E+00	0.00E+00	5.95E-02	3.41E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.60E-12	3.11E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.48E-03	1.27E+00	0.00E+00	1.40E-10	4.71E-09	7.53E-04	2.57E-06	1.97E-03	0.00E+00	1.27E+00	3.64E-09	1.27E+00	1.27E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MCN463P	3.94E-03	1.06E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.47E-02	3.63E-08	9.23E-04	1.01E-02	0.00E+00	0.00E+00	1.58E-12	3.52E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-06	3.28E-03	1.35E+00	0.00E+00	1.44E-10	2.09E-08	2.62E-03	2.25E-06	1.73E-03	0.00E+00	1.35E+00	3.71E-09	1.35E+00	1.35E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
MCN500	3.48E-04	4.11E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	3.45E-02	1.60E-08	1.56E-04	1.70E-03	0.00E+00	0.00E+00	6.72E-13	1.25E-11	8.21E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.35E-03	5.29E-01	0.00E+00	6.65E-11	2.48E-09	4.38E-04	9.64E-07	7.21E-04	0.00E+00	5.29E-01	1.75E-09	5.29E-01	5.17E-01	7.21E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN501	2.80E-04	4.48E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	6.59E-02	1.74E-08	1.35E-04	1.50E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.54E-03	6.23E-01	0.00E+00	6.83E-11	2.37E-09	3.78E-04	1.10E-06	8.24E-04	0.00E+00	6.23E-01	1.83E-09	6.23E-01	6.25E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
MCN502	2.79E-04	4.57E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	6.19E-02	1.98E-08	1.37E-04	1.52E-03	0.00E+00	0.00E+00	7.91E-13	1.64E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.59E-03	6.32E-01	0.00E+00	7.64E-11	2.39E-09	3.80E-04	1.14E-06	8.53E-04	0.00E+00	6.32E-01	2.08E-09	6.32E-01	6.36E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MCN503	2.84E-04	4.62E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	6.26E-02	2.10E-08	1.38E-04	1.53E-03	0.00E+00	0.00E+00	7.87E-13	1.70E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-06	1.63E-03	6.35E-01	0.00E+00	7.72E-11	2.40E-09	3.81E-04	1.19E-06	8.86E-04	0.00E+00	6.35E-01	2.22E-09	6.35E-01	6.40E-01	8.86E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MCN504	2.82E-04	4.59E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	6.78E-02	2.10E-08	1.37E-04	1.53E-03	0.00E+00	0.00E+00	7.83E-13	1.69E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.63E-03	6.32E-01	0.00E+00	7.70E-11	2.39E-09	3.80E-04	1.18E-06	8.81E-04	0.00E+00	6.32E-01	2.22E-09	6.32E-01	6.36E-01	8.81E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
MCN506	2.27E-04	3.77E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.64E-02	1.77E-08	1.20E-04	1.33E-03	0.00E+00	0.00E+00	6.42E-13	1.40E-11	9.42E-05	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.32E-03	5.21E-01	0.00E+00	6.71E-11	2.05E-09	3.34E-04	9.53E-07	7.17E-04	0.00E+00	5.21E-01	1.85E-09	5.21E-01	5.21E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MCN506E	2.26E-04	3.57E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.34E-02	1.34E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.29E-13	1.22E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.25E-03	4.98E-01	0.00E+00	5.50E-11	1.83E-09	2.93E-04	8.93E-07	6.64E-04	0.00E+00	4.98E-01	1.41E-09	4.98E-01	4.98E-01	6.64E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MCN508E	3.19E-04	3.53E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	2.24E-02	1.13E-08	1.18E-04	1.38E-03	0.00E+00	0.00E+00	5.51E-13	1.09E-11	7.51E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	9.26E-04	4.66E-01	0.00E+00	5.41E-11	2.23E-09	3.22E-04	6.33E-07	4.87E-04	0.00E+00	4.66E-01	1.12E-09	4.66E-01	4.54E-01	4.87E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MCN510	2.25E-04	3.74E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	2.64E-02	1.77E-08	1.19E-04	1.33E-03	0.00E+00	0.00E+00	6.34E-13	1.40E-11	9.37E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.31E-03	5.15E-01	0.00E+00	6.70E-11	2.04E-09	3.34E-04	9.45E-07	7.13E-04	0.00E+00	5.15E-01	1.84E-09	5.15E-01	5.16E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN510E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.89E-04	8.79E-07	6.55E-04	0.00E+00	4.91E-01	1.38E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN513	2.94E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.12E-02	1.08E-08	1.05E-04	1.24E-03	0.00E+00	0.00E+00	5.21E-13	1.04E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	9.17E-04	4.42E-01	0.00E+00	5.05E-11	2.06E-09	2.84E-04	6.26E-07	4.82E-04	0.00E+00	4.42E-01	1.09E-09	4.42E-01	4.33E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MCN513E	2.34E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.37E-02	1.20E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	5.68E-13	1.15E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	1.11E-03	4.69E-01	0.00E+00	5.48E-11	1.90E-09	3.02E-04	8.07E-07	6.05E-04	0.00E+00	4.69E-01	1.23E-09	4.69E-01	4.57E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MCN516	2.26E-04	3.54E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.48E-02	1.40E-08	1.15E-04	1.28E-03	0.00E+00	0.00E+00	5.54E-13	1.14E-11	7.98E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.10E-03	4.63E-01	0.00E+00	5.37E-11	2.00E-09	3.24E-04	8.03E-07	6.04E-04	0.00E+00	4.63E-01	1.50E-09	4.63E-01	4.52E-01	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MCN516E	2.40E-04	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.48E-02	1.42E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.21E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.33E-03	5.28E-01	0.00E+00	5.80E-11	1.95E-09	3.11E-04	9.46E-07	7.04E-04	0.00E+00	5.28E-01	1.49E-09	5.28E-01	5.28E-01	7.04E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
MCN520	3.14E-04	3.62E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.37E-02	1.16E-08	1.24E-04	1.47E-03	0.00E+00	0.00E+00	5.58E-13	1.12E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	9.33E-04	4.73E-01	0.00E+00	5.48E-11	2.38E-09	3.45E-04	6.40E-07	4.94E-04	0.00E+00	4.73E-01	1.17E-09	4.73E-01	4.61E-01	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MCN520E	2.43E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.75E-13	1.31E-11	9.36E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.16E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCN525	3.23E-04	3.67E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.42E-02	1.19E-08	1.26E-04	1.49E-03	0.00E+00	0.00E+00	5.65E-13	1.13E-11	7.73E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	9.33E-04	4.76E-01	0.00E+00	5.61E-11	2.43E-09	3.50E-04	6.39E-07	4.93E-04	0.00E+00	4.76E-01	1.19E-09	4.76E-01	4.63E-01	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
MCN525E	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.98E-09	3.15E-04	9.59E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.36E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCN532	3.56E-04	4.68E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	3.40E-02	2.13E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	7.95E-13	1.74E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.69E-03	6.46E-01	0.00E+00	7.77E-11	2.59E-09	4.62E-04	1.21E-06	9.18E-04	0.00E+00	6.46E-01	2.24E-09	6.46E-01	6.46E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MCN532E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN540	4.00E-04	4.72E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.40E-02	2.14E-08	1.59E-04	1.82E-03	0.00E+00	0.00E+00	7.99E-13	1.75E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.69E-03	6.47E-01	0.00E+00	7.82E-11	2.61E-09	4.63E-04	1.22E-06	9.29E-04	0.00E+00	6.47E-01	2.26E-09	6.47E-01	6.48E-01	9.29E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MCN540E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN550	4.19E-04	4.17E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	2.87E-02	1.39E-08	1.56E-04	1.84E-03	0.00E+00	0.00E+00	6.65E-13	1.26E-11	8.23E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.06E-03	5.30E-01	0.00E+00	6.53E-11	2.82E-09	4.43E-04	7.42E-07	5.64E-04	0.00E+00	5.30E-01	1.39E-09	5.30E-01	5.19E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MCN550E	3.63E-04	4.15E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.69E-02	1.37E-08	1.33E-04	1.53E-03	0.00E+00	0.00E+00	6.68E-13	1.27E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.07E-03	5.30E-01	0.00E+00	6.62E-11	2.56E-09	3.59E-04	7.49E-07	5.68E-04	0.00E+00	5.30E-01	1.35E-09	5.30E-01	5.13E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN563	4.19E-04	4.21E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.88E-02	1.40E-08	1.56E-04	1.83E-03	0.00E+00	0.00E+00	6.83E-13	1.28E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.06E-03	5.34E-01	0.00E+00	6.55E-11	2.84E-09	4.44E-04	7.46E-07	5.76E-04	0.00E+00	5.34E-01	1.40E-09	5.34E-01	5.23E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MCN563E	4.19E-04	4.22E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.88E-02	1.40E-08	1.56E-04	1.83E-03	0.00E+00	0.00E+00	6.83E-13	1.28E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.06E-03	5.34E-01	0.00E+00	6.55E-11	2.84E-09	4.45E-04	7.46E-07	5.76E-04	0.00E+00	5.34E-01	1.40E-09	5.34E-01	5.23E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MCN600	5.47E-04	8.99E-02	0.00E+00	9.11E-02	0.00E+00	0.00E+00	6.20E-02	3.90E-08	2.50E-04	2.81E-03	0.00E+00	0.00E+00	1.55E-12	3.57E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-06	5.52E-03	1.41E+00	0.00E+00	1.35E-10	4.36E-09	7.07E-04	4.37E-06	3.34E-03	0.00E+00	1.41E+00	4.11E-09	1.41E+00	1.39E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04
MCN601	5.32E-04	8.31E-02	0.00E+00	8.29E-02	0.00E+00	0.00E+00	5.36E-02	2.94E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.46E-12	2.82E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.84E-03	1.17E+00	0.00E+00	1.26E-10	4.31E-09	6.88E-04	2.02E-06	1.50E-03	0.00E+00	1.17E+00	3.08E-09	1.17E+00	1.17E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MCN602	5.39E-04	8.46E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.44E-02	3.16E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.47E-12	2.87E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-06	2.91E-03	1.17E+00	0.00E+00	1.27E-10	4.36E-09	6.96E-04	2.07E-06	1.54E-03	0.00E+00	1.17E+00	3.32E-09	1.17E+00	1.17E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MCN603	5.27E-04	8.18E-02	0.00E+00	8.18E-02	0.00E+00	0.00E+00	5.38E-02	3.10E-08	2.44E-04	2.69E-03	0.00E+00	0.00E+00	1.45E-12	2.80E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-06	2.88E-03	1.15E+00	0.00E+00	1.26E-10	4.28E-09	6.79E-04	2.04E-06	1.52E-03	0.00E+00	1.15E+00	3.25E-09	1.15E+00	1.15E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MCN604	5.48E-04	8.62E-02	0.00E+00	8.62E-02	0.00E+00	0.00E+00	5.66E-02	3.21E-08	2.54E-04	2.84E-03	0.00E+00	0.00E+00	1.50E-12	3.06E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-06	3.37E-03	1.27E+00	0.00E+00	1.30E-10	4.41E-09	7.15E-04	2.49E-06	1.93E-03	0.00E+00	1.27E+00	3.54E-09	1.27E+00	1.26E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MCN606	4.52E-04	7.12E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.70E-02	2.68E-08	2.12E-04	2.32E-03	0.00E+00	0.00E+00	1.25E-12	2.44E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-06	2.52E-03	1.01E+00	0.00E+00	1.09E-10	3.68E-09	5.87E-04	1.80E-06	1.34E-03	0.00E+00	1.01E+00	2.82E-09	1.01E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MCN606E	4.56E-04	6.79E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.49E-02	2.15E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.19E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.29E-03	9.02E-01	0.00E+00	1.03E-10	3.60E-09	5.69E-04	1.62E-06	1.18E-03	0.00E+00	9.02E-01	2.24E-09	9.02E-01	8.97E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MCN610	4.52E-04	7.13E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.74E-02	2.70E-08	2.12E-04	2.32E-03	0.00E+00	0.00E+00	1.27E-12	2.45E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.68E-09	5.86E-04	1.79E-06	1.33E-03	0.00E+00	1.00E+00	2.83E-09	1.00E+00	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MCN610E	4.60E-04	7.25E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	4.76E-02	2.72E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.55E-03	1.01E+00	0.00E+00	1.11E-10	3.74E-09	5.97E-04	1.82E-06	1.35E-03	0.00E+00	1.01E+00	2.86E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MCN613	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04

MCN613E	4.70E-04	6.95E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	4.57E-02	2.02E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.22E-12	2.29E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06	2.31E-03	9.13E-01	0.00E+00	1.05E-10	3.68E-09	5.82E-04	1.64E-06	1.19E-03	0.00E+00	9.13E-01	2.16E-09	9.13E-01	9.10E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
MCN616	4.80E-04	7.57E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.96E-02	2.84E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.33E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-06	2.66E-03	1.06E+00	0.00E+00	1.16E-10	3.90E-09	6.22E-04	1.89E-06	1.41E-03	0.00E+00	1.06E+00	2.98E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCN616E	4.75E-04	7.49E-02	0.00E+00	7.49E-02	0.00E+00	0.00E+00	4.92E-02	2.82E-08	2.23E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.87E-09	6.16E-04	1.88E-06	1.40E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MCN620	4.93E-04	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.09E-02	2.92E-08	2.31E-04	2.53E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.73E-03	1.08E+00	0.00E+00	1.19E-10	4.01E-09	6.39E-04	1.94E-06	1.45E-03	0.00E+00	1.08E+00	3.06E-09	1.08E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MCN620E	4.85E-04	7.64E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.35E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MCN625	4.81E-04	7.58E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	4.97E-02	2.85E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.34E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-06	2.67E-03	1.06E+00	0.00E+00	1.16E-10	3.91E-09	6.24E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	2.99E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCN625E	4.82E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.25E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN632	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.16E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.18E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
MCN632E	5.36E-04	8.45E-02	0.00E+00	8.45E-02	0.00E+00	0.00E+00	5.54E-02	3.18E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-06	2.97E-03	1.18E+00	0.00E+00	1.30E-10	4.36E-09	6.95E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.33E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MCN640	5.42E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN640E	5.65E-04	8.91E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.84E-02	3.35E-08	2.65E-04	2.91E-03	0.00E+00	0.00E+00	1.57E-12	3.03E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.24E+00	0.00E+00	1.37E-10	4.59E-09	7.33E-04	2.23E-06	1.66E-03	0.00E+00	1.24E+00	3.51E-09	1.24E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MCN650	6.06E-04	8.22E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.30E-02	2.92E-08	2.73E-04	3.04E-03	0.00E+00	0.00E+00	1.43E-12	2.79E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.54E-03	9.97E-01	0.00E+00	1.23E-10	4.70E-09	7.57E-04	1.81E-06	1.32E-03	0.00E+00	9.97E-01	3.03E-09	9.97E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MCN650E	5.71E-04	9.00E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	5.91E-02	3.38E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.64E-09	7.41E-04	2.25E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
MCN663	6.06E-04	8.23E-02	0.00E+00	8.25E-02	0.00E+00	0.00E+00	5.31E-02	2.92E-08	2.73E-04	3.04E-03	0.00E+00	0.00E+00	1.43E-12	2.79E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-06	2.54E-03	9.99E-01	0.00E+00	1.23E-10	4.71E-09	7.57E-04	1.82E-06	1.32E-03	0.00E+00	9.99E-01	3.04E-09	9.99E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MCN663E	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
MCN706P	2.66E-03	6.66E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.08E-02	2.31E-08	6.18E-04	6.66E-03	0.00E+00	0.00E+00	9.57E-13	2.22E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.00E-03	8.36E-01	0.00E+00	8.81E-11	1.38E-08	1.75E-03	1.40E-06	1.06E-03	0.00E+00	8.36E-01	2.42E-09	8.36E-01	8.42E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MCN710P	2.66E-03	6.55E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	3.92E-02	2.22E-08	6.16E-04	6.63E-03	0.00E+00	0.00E+00	9.48E-13	2.20E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-06	1.97E-03	8.25E-01	0.00E+00	8.62E-11	1.37E-08	1.74E-03	1.38E-06	1.05E-03	0.00E+00	8.25E-01	2.36E-09	8.25E-01	8.32E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCN716P	2.27E-03	6.27E-02	0.00E+00	6.24E-02	0.00E+00	0.00E+00	3.67E-02	1.87E-08	5.33E-04	5.85E-03	0.00E+00	0.00E+00	9.34E-13	1.98E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-06	1.91E-03	7.93E-01	0.00E+00	7.47E-11	1.18E-08	1.52E-03	1.33E-06	1.03E-03	0.00E+00	7.93E-01	1.98E-09	7.93E-01	8.07E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MCN720P	2.39E-03	6.45E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	3.79E-02	1.90E-08	5.65E-04	6.17E-03	0.00E+00	0.00E+00	9.51E-13	2.01E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-06	1.95E-03	8.15E-01	0.00E+00	7.49E-11	1.25E-08	1.61E-03	1.35E-06	1.04E-03	0.00E+00	8.15E-01	2.00E-09	8.15E-01	8.24E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN725P	2.76E-03	6.84E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.26E-02	2.36E-08	6.41E-04	6.97E-03	0.00E+00	0.00E+00	9.78E-13	2.26E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-06	2.05E-03	8.70E-01	0.00E+00	8.88E-11	1.43E-08	1.82E-03	1.43E-06	1.09E-03	0.00E+00	8.70E-01	2.45E-09	8.70E-01	8.75E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCN732P	2.77E-03	7.06E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.31E-02	2.40E-08	6.43E-04	7.10E-03	0.00E+00	0.00E+00	1.01E-12	2.28E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.40E-06	2.17E-03	9.04E-01	0.00E+00	9.09E-11	1.44E-08	1.82E-03	1.49E-06	1.13E-03	0.00E+00	9.04E-01	2.47E-09	9.04E-01	8.99E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
MCN740P	2.76E-03	7.02E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.32E-02	2.41E-08	6.40E-04	7.08E-03	0.00E+00	0.00E+00	1.01E-12	2.28E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.18E-03	9.03E-01	0.00E+00	9.16E-11	1.44E-08	1.82E-03	1.50E-06	1.13E-03	0.00E+00	9.03E-01	2.48E-09	9.03E-01	9.00E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MCN750P	2.75E-03	5.85E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.64E-02	1.70E-08	6.16E-04	6.90E-03	0.00E+00	0.00E+00	8.13E-13	1.66E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	1.15E-03	6.70E-01	0.00E+00	7.44E-11	1.42E-08	1.78E-03	8.08E-07	6.38E-04	0.00E+00	6.70E-01	1.62E-09	6.70E-01	6.39E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN763P	2.94E-03	7.13E-02	0.00E+00	7.13E-02	0.00E+00	0.00E+00	4.36E-02	2.45E-08	6.64E-04	7.35E-03	0.00E+00	0.00E+00	1.05E-12	2.36E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.10E-03	9.08E-01	0.00E+00	9.30E-11	1.50E-08	1.89E-03	1.47E-06	1.11E-03	0.00E+00	9.08E-01	2.48E-09	9.08E-01	9.08E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCS006C	1.09E-04	1.72E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.13E-02	6.44E-09	5.10E-05	5.60E-04	0.00E+00	0.00E+00	3.02E-13	5.84E-12	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.03E-04	2.40E-01	0.00E+00	2.63E-11	8.85E-10	1.41E-04	4.30E-07	3.20E-04	0.00E+00	2.40E-01	6.76E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-05
MCS010C	1.47E-04	2.57E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.55E-02	1.55E-08	7.83E-05	8.45E-04	0.00E+00	0.00E+00	4.52E-13	1.09E-11	7.55E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	1.30E-03	3.73E-01	0.00E+00	3.36E-11	1.24E-09	2.24E-04	9.15E-07	6.94E-04	0.00E+00	3.73E-01	1.81E-09	3.73E-01	3.89E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-05
MCS013C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MCS016C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MCS020C	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.14E-02	6.75E-09	5.26E-05	5.79E-04	0.00E+00	0.00E+00	3.08E-13	6.07E-12	4.33E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.23E-04	2.48E-01	0.00E+00	2.66E-11	9.13E-10	1.45E-04	4.42E-07	3.29E-04	0.00E+00	2.48E-01	7.11E-10	2.48E-01	2.48E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
MCS106	1.11E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.55E-09	5.18E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.93E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.13E-04	2.43E-01	0.00E+00	2.68E-11	8.99E-10	1.43E-04	4.36E-07	3.25E-04	0.00E+00	2.43E-01	6.87E-10	2.43E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
MCS110	1.00E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.94E-09	4.70E-05	5.16E-04	0.00E+00	0.00E+00	2.78E-13	5.38E-12	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.56E-04	2.21E-01	0.00E+00	2.43E-11	8.15E-10	1.30E-04	3.96E-07	2.95E-04	0.00E+00	2.21E-01	6.23E-10	2.21E-01	2.21E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05
MCS113	9.77E-05	1.54E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.01E-02	5.79E-09	4.58E-05	5.02E-04	0.00E+00	0.00E+00	2.71E-13	5.25E-12	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.42E-04	2.15E-01	0.00E+00	2.37E-11	7.95E-10	1.27E-04	3.86E-07	2.87E-04	0.00E+00	2.15E-01	6.07E-10	2.15E-01	2.16E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-05
MCS116	9.96E-05	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.90E-09	4.67E-05	5.12E-04	0.00E+00	0.00E+00	2.76E-13	5.35E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-06	5.52E-04	2.19E-01	0.00E+00	2.41E-11	8.10E-10	1.29E-04	3.93E-07	2.93E-04	0.00E+00	2.19E-01	6.19E-10	2.19E-01	2.20E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05
MCS120	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MCS120W	1.19E-04	1.88E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.25E-02	7.08E-09	5.60E-05	6.12E-04	0.00E+00	0.00E+00	3.30E-13	6.44E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.63E-04	2.64E-01	0.00E+00	2.91E-11	9.69E-10	1.55E-04	4.73E-07	3.51E-04	0.00E+00	2.64E-01	7.44E-10	2.64E-01	2.64E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-05
MCS125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MCS132	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.42E-09	6.67E-05	7.31E-04	0.00E+00	0.00E+00	3.95E-13	7.63E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.88E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.84E-10	3.13E-01	3.14E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05
MCS140	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.40E-09	6.64E-05	7.29E-04	0.00E+00	0.00E+00	3.93E-13	7.61E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.12E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.60E-07	4.17E-04	0.00E+00	3.12E-01	8.81E-10	3.12E-01	3.13E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
MCS150	1.49E-04	2.34E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.54E-02	8.80E-09	6.96E-05	7.64E-04	0.00E+00	0.00E+00	4.12E-13	7.97E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.23E-04	3.27E-01	0.00E+00	3.60E-11	1.21E-09	1.93E-04	5.86E-07	4.37E-04	0.00E+00	3.27E-01	9.23E-10	3.27E-01	3.28E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.91E-05
MCS163	1.50E-04	2.37E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.55E-02	8.90E-09	7.05E-05	7.73E-04	0.00E+00	0.00E+00	4.17E-13	8.07E-12	5.78E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.33E-04	3.31E-01	0.00E+00	3.64E-11	1.22E-09	1.95E-04	5.93E-07	4.42E-04	0.00E+00	3.31E-01	9.34E-10	3.31E-01	3.32E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.01E-05
MCS206C	2.27E-04	3.75E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.45E-02	1.89E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.36E-13	1.43E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.34E-03	5.14E-01	0.00E+00	6.51E-11	1.92E-09	3.13E-04	9.71E-07	7.42E-04	0.00E+00	5.14E-01	1.93E-09	5.14E-01	5.13E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MCS206E	2.27E-04	3.75E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.88E-08	1.10E-04	1.22E-03	0.00E+00	0.00E+00	6.38E-13	1.42E-11	9.13E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.35E-03	5.13E-01	0.00E+00	6.58E-11	1.89E-09	3.08E-04	9.80E-07	7.43E-04	0.00E+00	5.13E-01	1.93E-09	5.13E-01	5.14E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS210C	2.25E-04	3.68E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.43E-02	1.88E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.26E-13	1.42E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.32E-03	5.04E-01	0.00E+00	6.54E-11	1.90E-09	3.11E-04	9.51E-07	7.37E-04	0.00E+00	5.04E-01	1.92E-09	5.04E-01	5.04E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MCS210E	2.26E-04	3.69E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.42E-02	1.86E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.29E-13	1.40E-11	9.03E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.33E-03	5.04E-01	0.00E+00	6.56E-11	1.90E-09	3.11E-04	9.67E-07	7.37E-04	0.00E+00	5.04E-01	1.93E-09	5.04E-01	5.04E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MCS213C	2.24E-04	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.39E-02	1.62E-08	1.09E-04	1.19E-03	0.00E+00	0.00E+00	6.27E-13	1.34E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.27E-03	5.06E-01	0.00E+00	6.49E-11	1.87E-09	3.01E-04	9.09E-07	6.88E-04	0.00E+00	5.06E-01	1.68E-09	5.06E-01	5.06E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS216C	2.24E-04	3.67E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.39E-02	1.62E-08	1.09E-04	1.19E-03	0.00E+00	0.00E+00	6.27E-13	1.35E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.27E-03	5.07E-01	0.00E+00	6.49E-11	1.87E-09	3.01E-04	9.10E-07	6.88E-04	0.00E+00	5.07E-01	1.67E-09	5.07E-01	5.07E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MCS216E	3.05E-04	3.43E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.12E-02	1.10E-08	1.09E-04	1.28E-03	0.00E+00	0.00E+00	5.31E-13	1.05E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	9.30E-04	4.55E-01	0.00E+00	5.09E-11	2.13E-09	2.96E-04	6.39E-07	4.92E-04	0.00E+00	4.55E-01	1.11E-09	4.55E-01	4.45E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MCS220C	3.05E-04	3.43E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.14E-02	1.10E-08	1.09E-04	1.28E-03	0.00E+00	0.00E+00	5.31E-13	1.06E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	9.29E-04	4.55E-01	0.00E+00	5.14E-11	2.13E-09	2.96E-04	6.39E-07	4.93E-04	0.00E+00	4.55E-01	1.11E-09	4.55E-01	4.44E-01	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MCS220E	3.06E-04	3.45E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.14E-02	1.10E-08	1.10E-04	1.28E-03	0.00E+00	0.00E+00	5.32E-13	1.06E-11	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	9.26E-04	4.54E-01	0.00E+00	5.15E-11	2.14E-09	2.97E-04	6.34E-07	4.90E-04	0.00E+00	4.54E-01	1.11E-09	4.54E-01	4.46E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MCS225E	2.89E-04	4.58E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.06E-02	2.08E-08	1.38E-04	1.54E-03	0.00E+00	0.00E+00	7.95E-13	1.71E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-06	1.72E-03	6.35E-01	0.00E+00	7.49E-11	2.40E-09	3.92E-04	1.33E-06	1.01E-03	0.00E+00	6.35E-01	2.21E-09	6.35E-01	6.36E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCS232E	2.83E-04	4.49E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	3.04E-02	2.49E-08	1.36E-04	1.50E-03	0.00E+00	0.00E+00	7.74E-13	1.72E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-06	1.89E-03	6.15E-01	0.00E+00	7.64E-11	2.40E-09	3.86E-04	1.58E-06	1.19E-03	0.00E+00	6.15E-01	2.63E-09	6.15E-01	6.21E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCS240E	2.88E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.16E-02	2.12E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	8.16E-13	1.70E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-06	1.70E-03	6.36E-01	0.00E+00	7.74E-11	2.34E-09	3.76E-04	1.24E-06	9.23E-04	0.00E+00	6.36E-01	2.23E-09	6.36E-01	6.37E-01	9.23E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MCS250E	2.87E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.13E-02	2.00E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	8.15E-13	1.67E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-06	1.66E-03	6.47E-01	0.00E+00	7.71E-11	2.34E-09	3.76E-04	1.21E-06	8.92E-04	0.00E+00	6.47E-01	2.08E-09	6.47E-01	6.48E-01	8.92E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MCS263E	2.96E-04	4.78E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	3.21E-02	2.17E-08	1.44E-04	1.58E-03	0.00E+00	0.00E+00	8.32E-13	1.75E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06	1.75E-03	6.62E-01	0.00E+00	7.79E-11	2.41E-09	3.91E-04	1.29E-06	9.56E-04	0.00E+00	6.62E-01	2.29E-09	6.62E-01	6.66E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCS306	3.30E-04	5.21E-02	0.00E+00	5.21E-02	0.00E+00	0.00E+00	3.42E-02	1.96E-08	1.55E-04	1.70E-03	0.00E+00	0.00E+00	9.17E-13	1.77E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.83E-03	7.28E-01	0.00E+00	8.00E-11	2.69E-09	4.28E-04	1.30E-06	9.71E-04	0.00E+00	7.28E-01	2.05E-09	7.28E-01	7.29E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MCS306C	3.24E-04	5.79E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.73E-02	2.25E-08	1.52E-04	1.68E-03	0.00E+00	0.00E+00	1.02E-12	2.06E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	2.36E-03	8.94E-01	0.00E+00	8.22E-11	2.66E-09	4.21E-04	1.61E-06	1.22E-03	0.00E+00	8.94E-01	2.39E-09	8.94E-01	9.00E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MCS310	2.97E-04	4.68E-02	0.00E+00	4.68E-02	0.00E+00	0.00E+00	3.07E-02	1.76E-08	1.39E-04	1.53E-03	0.00E+00	0.00E+00	8.23E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.64E-03	6.54E-01	0.00E+00	7.18E-11	2.41E-09	3.85E-04	1.17E-06	8.72E-04	0.00E+00	6.54E-01	1.84E-09	6.54E-01	6.54E-01	8.72E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
MCS310C	3.22E-04	5.79E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.73E-02	2.25E-08	1.52E-04	1.68E-03	0.00E+00	0.00E+00	1.02E-12	2.05E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	2.36E-03	8.95E-01	0.00E+00	8.23E-11	2.66E-09	4.20E-04	1.61E-06	1.23E-03	0.00E+00	8.95E-01	2.39E-09	8.95E-01	9.00E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MCS313	3.24E-04	5.10E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.66E-03	0.00E+00	0.00E+00	8.98E-13	1.74E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.79E-03	7.13E-01	0.00E+00	7.83E-11	2.63E-09	4.20E-04	1.28E-06	9.51E-04	0.00E+00	7.13E-01	2.01E-09	7.13E-01	7.14E-01	9.51E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MCS313C	2.86E-04	4.51E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.94E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.30E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.41E-04	0.00E+00	6.30E-01	1.78E-09	6.30E-01	6.31E-01	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCS316	2.96E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.06E-02	1.75E-08	1.39E-04	1.52E-03	0.00E+00	0.00E+00	8.21E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.64E-03	6.52E-01	0.00E+00	7.16E-11	2.41E-09	3.84E-04	1.17E-06	8.70E-04	0.00E+00	6.52E-01	1.84E-09	6.52E-01	6.53E-01	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MCS316C	2.95E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.05E-02	1.75E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	8.19E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.64E-03	6.50E-01	0.00E+00	7.15E-11	2.40E-09	3.83E-04	1.17E-06	8.68E-04	0.00E+00	6.50E-01	1.84E-09	6.50E-01	6.51E-01	8.68E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MCS320	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.87E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.69E-01	0.00E+00	8.45E-11	2.84E-09	4.53E-04	1.38E-06	1.03E-03	0.00E+00	7.69E-01	2.17E-09	7.69E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MCS320C	4.06E-04	5.16E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	3.30E-02	1.63E-08	1.59E-04	1.79E-03	0.00E+00	0.00E+00	9.27E-13	1.65E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.65E-03	7.30E-01	0.00E+00	7.76E-11	2.84E-09	4.38E-04	1.18E-06	8.70E-04	0.00E+00	7.30E-01	1.59E-09	7.30E-01	7.34E-01	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCS325	3.80E-04	6.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.93E-02	2.25E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.38E-01	0.00E+00	9.21E-11	3.09E-09	4.93E-04	1.50E-06	1.12E-03	0.00E+00	8.38E-01	2.36E-09	8.38E-01	8.39E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCS332	4.21E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.27E-01	0.00E+00	1.02E-10	3.42E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.27E-01	2.62E-09	9.27E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCS340	4.21E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.27E-01	0.00E+00	1.02E-10	3.42E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.27E-01	2.62E-09	9.27E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCS350	4.42E-04	6.97E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	4.57E-02	2.62E-08	2.07E-04	2.27E-03	0.00E+00	0.00E+00	1.23E-12	2.37E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.45E-03	9.74E-01	0.00E+00	1.07E-10	3.60E-09	5.74E-04	1.75E-06	1.30E-03	0.00E+00	9.74E-01	2.75E-09	9.74E-01	9.75E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MCS363	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MCS506	2.28E-04	3.73E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.45E-02	1.86E-08	1.12E-04	1.24E-03	0.00E+00	0.00E+00	6.37E-13	1.41E-11	9.08E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.34E-03	5.11E-01	0.00E+00	6.65E-11	1.91E-09	3.15E-04	9.77E-07	7.38E-04	0.00E+00	5.11E-01	1.95E-09	5.11E-01	5.11E-01	7.38E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS506E	2.89E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.06E-02	2.07E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	7.93E-13	1.75E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.87E-03	6.34E-01	0.00E+00	7.74E-11	2.52E-09	4.02E-04	1.46E-06	1.14E-03	0.00E+00	6.34E-01	2.24E-09	6.34E-01	6.40E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MCS510	2.26E-04	3.69E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.43E-02	1.85E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.30E-13	1.40E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.33E-03	5.05E-01	0.00E+00	6.62E-11	1.90E-09	3.13E-04	9.68E-07	7.37E-04	0.00E+00	5.05E-01	1.94E-09	5.05E-01	5.05E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS510E	3.04E-04	3.42E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	2.16E-02	1.11E-08	1.09E-04	1.28E-03	0.00E+00	0.00E+00	5.33E-13	1.05E-11	7.42E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	9.25E-04	4.54E-01	0.00E+00	5.18E-11	2.13E-09	2.96E-04	6.36E-07	4.88E-04	0.00E+00	4.54E-01	1.10E-09	4.54E-01	4.44E-01	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
MCS513	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS513E	2.56E-04	4.05E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.74E-02	1.97E-08	1.24E-04	1.39E-03	0.00E+00	0.00E+00	6.96E-13	1.56E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.57E-03	5.61E-01	0.00E+00	7.08E-11	2.13E-09	3.61E-04	1.23E-06	9.49E-04	0.00E+00	5.61E-01	2.08E-09	5.61E-01	5.62E-01	9.49E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MCS516	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS516E	2.25E-04	3.57E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.27E-02	1.31E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.28E-13	1.18E-11	8.43E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.23E-03	4.94E-01	0.00E+00	5.28E-11	1.83E-09	2.92E-04	8.84E-07	6.57E-04	0.00E+00	4.94E-01	1.39E-09	4.94E-01	4.95E-01	6.57E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS520	2.28E-04	3.74E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.44E-02	1.87E-08	1.12E-04	1.24E-03	0.00E+00	0.00E+00	6.32E-13	1.41E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.34E-03	5.10E-01	0.00E+00	6.51E-11	1.92E-09	3.15E-04	9.74E-07	7.44E-04	0.00E+00	5.10E-01	1.95E-09	5.10E-01	5.10E-01	7.44E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS520E	3.07E-04	3.45E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.14E-02	1.10E-08	1.13E-04	1.32E-03	0.00E+00	0.00E+00	5.33E-13	1.06E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	9.29E-04	4.55E-01	0.00E+00	5.15E-11	2.16E-09	3.07E-04	6.37E-07	4.91E-04	0.00E+00	4.55E-01	1.11E-09	4.55E-01	4.45E-01	4.91E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MCS525	3.26E-04	3.69E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.36E-02	1.18E-08	1.19E-04	1.39E-03	0.00E+00	0.00E+00	5.68E-13	1.14E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	9.29E-04	4.81E-01	0.00E+00	5.74E-11	2.29E-09	3.22E-04	6.33E-07	4.91E-04	0.00E+00	4.81E-01	1.18E-09	4.81E-01	4.68E-01	4.91E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
MCS525E	2.55E-04	4.00E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.67E-02	1.76E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	6.96E-13	1.45E-11	9.96E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.44E-03	5.57E-01	0.00E+00	6.90E-11	2.08E-09	3.39E-04	1.03E-06	7.69E-04	0.00E+00	5.57E-01	1.84E-09	5.57E-01	5.58E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCS532	3.29E-04	4.65E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.40E-02	2.17E-08	1.48E-04	1.65E-03	0.00E+00	0.00E+00	8.09E-13	1.75E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-06	1.71E-03	6.49E-01	0.00E+00	7.90E-11	2.51E-09	4.13E-04	1.23E-06	9.26E-04	0.00E+00	6.49E-01	2.26E-09	6.49E-01	6.50E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MCS532E	2.78E-04	4.41E-02	0.00E+00	4.45E-02	0.00E+00	0.00E+00	2.99E-02	2.08E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.65E-13	1.63E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-06	1.62E-03	6.10E-01	0.00E+00	7.50E-11	2.29E-09	3.69E-04	1.19E-06	8.81E-04	0.00E+00	6.10E-01	2.21E-09	6.10E-01	6.13E-01	8.81E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MCS540	3.28E-04	3.74E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.39E-02	1.22E-08	1.20E-04	1.39E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.07E-03	4.88E-01	0.00E+00	5.86E-11	2.31E-09	3.25E-04	7.46E-07	5.59E-04	0.00E+00	4.88E-01	1.22E-09	4.88E-01	4.77E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MCS540E	2.82E-04	4.52E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	3.03E-02	2.11E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	7.88E-13	1.66E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-06	1.66E-03	6.23E-01	0.00E+00	7.60E-11	2.31E-09	3.74E-04	1.22E-06	9.01E-04	0.00E+00	6.23E-01	2.25E-09	6.23E-01	6.24E-01	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04

MCS550	2.89E-04	4.65E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	3.13E-02	2.06E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.18E-13	1.68E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.66E-03	6.45E-01	0.00E+00	7.77E-11	2.35E-09	3.81E-04	1.21E-06	8.90E-04	0.00E+00	6.45E-01	2.14E-09	6.45E-01	6.48E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MCS550E	2.89E-04	4.65E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	3.13E-02	2.06E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.14E-13	1.68E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.66E-03	6.45E-01	0.00E+00	7.78E-11	2.35E-09	3.81E-04	1.21E-06	8.90E-04	0.00E+00	6.45E-01	2.13E-09	6.45E-01	6.48E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MCS563	2.93E-04	4.74E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	3.14E-02	2.08E-08	1.39E-04	1.53E-03	0.00E+00	0.00E+00	8.20E-13	1.69E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.68E-03	6.54E-01	0.00E+00	7.79E-11	2.38E-09	3.86E-04	1.24E-06	9.16E-04	0.00E+00	6.54E-01	2.14E-09	6.54E-01	6.59E-01	9.16E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCS563E	2.96E-04	4.74E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	3.14E-02	2.07E-08	1.39E-04	1.53E-03	0.00E+00	0.00E+00	8.24E-13	1.69E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.69E-03	6.55E-01	0.00E+00	7.77E-11	2.39E-09	3.88E-04	1.24E-06	9.16E-04	0.00E+00	6.55E-01	2.14E-09	6.55E-01	6.59E-01	9.16E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MCS606	4.44E-04	6.63E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.39E-02	1.98E-08	1.98E-04	2.18E-03	0.00E+00	0.00E+00	1.17E-12	2.19E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-06	2.25E-03	8.88E-01	0.00E+00	1.01E-10	3.49E-09	5.53E-04	1.59E-06	1.17E-03	0.00E+00	8.88E-01	2.11E-09	8.88E-01	8.80E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MCS606E	4.54E-04	7.64E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.40E-02	2.84E-08	2.09E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	3.11E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	3.46E-03	1.29E+00	0.00E+00	1.18E-10	3.75E-09	5.95E-04	2.48E-06	1.88E-03	0.00E+00	1.29E+00	3.33E-09	1.29E+00	1.28E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MCS610	4.53E-04	7.57E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	5.38E-02	2.85E-08	2.07E-04	2.33E-03	0.00E+00	0.00E+00	1.32E-12	3.11E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	3.45E-03	1.29E+00	0.00E+00	1.18E-10	3.72E-09	5.92E-04	2.47E-06	1.89E-03	0.00E+00	1.29E+00	3.35E-09	1.29E+00	1.28E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MCS610E	4.54E-04	7.62E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.40E-02	2.85E-08	2.11E-04	2.37E-03	0.00E+00	0.00E+00	1.31E-12	3.11E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-06	3.47E-03	1.29E+00	0.00E+00	1.18E-10	3.65E-09	5.97E-04	2.49E-06	1.88E-03	0.00E+00	1.29E+00	3.36E-09	1.29E+00	1.29E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MCS613	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCS613E	4.40E-04	6.93E-02	0.00E+00	6.94E-02	0.00E+00	0.00E+00	4.54E-02	2.66E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.44E-03	9.70E-01	0.00E+00	1.06E-10	3.58E-09	5.73E-04	1.74E-06	1.29E-03	0.00E+00	9.70E-01	2.78E-09	9.70E-01	9.72E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MCS616	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCS616E	4.36E-04	6.58E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.38E-02	2.12E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.19E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.27E-03	8.85E-01	0.00E+00	1.01E-10	3.46E-09	5.48E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.21E-09	8.85E-01	8.79E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MCS620	4.72E-04	7.44E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.88E-02	2.80E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.62E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MCS620E	4.52E-04	6.55E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.36E-02	1.96E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.16E-12	2.17E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.23E-03	8.86E-01	0.00E+00	1.00E-10	3.39E-09	5.34E-04	1.55E-06	1.15E-03	0.00E+00	8.86E-01	1.95E-09	8.86E-01	8.82E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MCS625	5.08E-04	8.01E-02	0.00E+00	8.01E-02	0.00E+00	0.00E+00	5.25E-02	3.01E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.13E-09	6.59E-04	2.01E-06	1.49E-03	0.00E+00	1.12E+00	3.16E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MCS625E	5.13E-04	7.20E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	4.73E-02	2.02E-08	2.19E-04	2.41E-03	0.00E+00	0.00E+00	1.25E-12	2.38E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.33E-03	9.22E-01	0.00E+00	1.07E-10	3.85E-09	6.09E-04	1.62E-06	1.19E-03	0.00E+00	9.22E-01	2.02E-09	9.22E-01	9.23E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MCS632	5.81E-04	9.36E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	6.34E-02	3.42E-08	2.74E-04	3.10E-03	0.00E+00	0.00E+00	1.61E-12	3.64E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-06	3.76E-03	1.51E+00	0.00E+00	1.44E-10	4.70E-09	7.77E-04	2.70E-06	1.99E-03	0.00E+00	1.51E+00	3.92E-09	1.51E+00	1.53E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
MCS632E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCS640	5.74E-04	8.73E-02	0.00E+00	8.71E-02	0.00E+00	0.00E+00	5.66E-02	3.24E-08	2.68E-04	2.97E-03	0.00E+00	0.00E+00	1.56E-12	2.93E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.03E-03	1.21E+00	0.00E+00	1.36E-10	4.56E-09	7.51E-04	2.18E-06	1.62E-03	0.00E+00	1.21E+00	3.39E-09	1.21E+00	1.20E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
MCS640E	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCU110P	1.19E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.35E-04	2.52E-03	0.00E+00	0.00E+00	4.38E-13	9.83E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.04E-04	3.73E-01	0.00E+00	3.94E-11	5.28E-09	6.59E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MCU116P	1.19E-03	2.94E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.36E-04	2.51E-03	0.00E+00	0.00E+00	4.37E-13	9.80E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.04E-04	3.73E-01	0.00E+00	3.93E-11	5.25E-09	6.55E-04	6.24E-07	4.73E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-05
MCU120P	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.35E-04	2.52E-03	0.00E+00	0.00E+00	4.38E-13	9.85E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.04E-04	3.73E-01	0.00E+00	3.94E-11	5.29E-09	6.59E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MCU125P	1.31E-03	3.61E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.16E-02	1.22E-08	3.20E-04	3.41E-03	0.00E+00	0.00E+00	5.34E-13	1.18E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.11E-03	4.56E-01	0.00E+00	4.67E-11	7.00E-09	8.81E-04	7.65E-07	5.80E-04	0.00E+00	4.56E-01	1.28E-09	4.56E-01	4.54E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MCU132P	1.32E-03	3.64E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.17E-04	3.44E-03	0.00E+00	0.00E+00	5.37E-13	1.20E-11	7.51E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.60E-01	0.00E+00	4.75E-11	6.95E-09	8.78E-04	7.66E-07	5.86E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.59E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MCU140P	1.33E-03	3.66E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.18E-02	1.24E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.37E-13	1.20E-11	7.54E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.61E-01	0.00E+00	4.77E-11	6.95E-09	8.80E-04	7.68E-07	5.88E-04	0.00E+00	4.61E-01	1.29E-09	4.61E-01	4.61E-01	5.88E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MCU150P	1.37E-03	3.85E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.25E-02	1.28E-08	3.21E-04	3.54E-03	0.00E+00	0.00E+00	5.52E-13	1.26E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.86E-01	0.00E+00	4.91E-11	7.24E-09	8.96E-04	8.11E-07	6.17E-04	0.00E+00	4.86E-01	1.28E-09	4.86E-01	4.84E-01	6.17E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MCU163P	1.37E-03	3.97E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.28E-02	1.29E-08	3.18E-04	3.51E-03	0.00E+00	0.00E+00	5.85E-13	1.29E-11	7.89E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.85E-01	0.00E+00	4.92E-11	7.32E-09	8.92E-04	8.05E-07	6.16E-04	0.00E+00	4.85E-01	1.28E-09	4.85E-01	4.84E-01	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MCU206P	2.66E-03	6.77E-02	0.00E+00	6.89E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	6.08E-04	6.61E-03	0.00E+00	0.00E+00	1.04E-12	2.29E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	2.02E-03	8.56E-01	0.00E+00	9.12E-11	1.36E-08	1.75E-03	1.41E-06	1.05E-03	0.00E+00	8.56E-01	2.51E-09	8.56E-01	8.64E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MCU210P	2.04E-03	5.87E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.52E-02	2.01E-08	4.81E-04	5.27E-03	0.00E+00	0.00E+00	8.74E-13	1.95E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.81E-03	7.44E-01	0.00E+00	7.70E-11	1.07E-08	1.36E-03	1.25E-06	9.44E-04	0.00E+00	7.44E-01	2.09E-09	7.44E-01	7.44E-01	9.44E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MCU216P	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.01E-08	4.83E-04	5.29E-03	0.00E+00	0.00E+00	8.75E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.80E-03	7.45E-01	0.00E+00	7.72E-11	1.08E-08	1.36E-03	1.25E-06	9.45E-04	0.00E+00	7.45E-01	2.09E-09	7.45E-01	7.46E-01	9.45E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MCU220P	2.45E-03	6.66E-02	0.00E+00	6.69E-02	0.00E+00	0.00E+00	4.09E-02	2.30E-08	5.67E-04	6.25E-03	0.00E+00	0.00E+00	9.69E-13	2.25E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.01E-03	8.35E-01	0.00E+00	8.82E-11	1.26E-08	1.64E-03	1.42E-06	1.07E-03	0.00E+00	8.35E-01	2.40E-09	8.35E-01	8.49E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MCU225P	2.76E-03	6.99E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.34E-02	2.47E-08	6.37E-04	6.98E-03	0.00E+00	0.00E+00	1.06E-12	2.32E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.08E-03	9.02E-01	0.00E+00	9.22E-11	1.43E-08	1.83E-03	1.45E-06	1.10E-03	0.00E+00	9.02E-01	2.54E-09	9.02E-01	9.07E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCU232P	2.76E-03	7.11E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.38E-02	2.52E-08	6.32E-04	7.01E-03	0.00E+00	0.00E+00	1.09E-12	2.34E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-06	2.18E-03	9.31E-01	0.00E+00	9.45E-11	1.42E-08	1.82E-03	1.48E-06	1.13E-03	0.00E+00	9.31E-01	2.57E-09	9.31E-01	9.22E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MCU240P	2.76E-03	7.19E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.38E-02	2.51E-08	6.38E-04	7.09E-03	0.00E+00	0.00E+00	1.07E-12	2.34E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.19E-03	9.30E-01	0.00E+00	9.46E-11	1.44E-08	1.84E-03	1.50E-06	1.13E-03	0.00E+00	9.30E-01	2.56E-09	9.30E-01	9.28E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MCU250P	2.73E-03	7.01E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.28E-02	2.11E-08	6.24E-04	6.96E-03	0.00E+00	0.00E+00	1.13E-12	2.22E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-06	2.03E-03	9.17E-01	0.00E+00	8.22E-11	1.42E-08	1.79E-03	1.39E-06	1.06E-03	0.00E+00	9.17E-01	2.16E-09	9.17E-01	9.13E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MCU263P	2.91E-03	7.30E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.45E-02	2.62E-08	6.64E-04	7.37E-03	0.00E+00	0.00E+00	1.15E-12	2.45E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-06	2.13E-03	9.44E-01	0.00E+00	9.75E-11	1.50E-08	1.89E-03	1.50E-06	1.14E-03	0.00E+00	9.44E-01	2.64E-09	9.44E-01	9.40E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MCU306P	3.58E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.19E-02	3.54E-08	8.35E-04	9.21E-03	0.00E+00	0.00E+00	1.47E-12	3.33E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.01E-03	1.28E+00	0.00E+00	1.34E-10	1.86E-08	2.35E-03	2.06E-06	1.60E-03	0.00E+00	1.28E+00	3.69E-09	1.28E+00	1.28E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MCU310P	3.17E-03	9.03E-02	0.00E+00	9.06E-02	0.00E+00	0.00E+00	5.59E-02	2.88E-08	6.81E-04	7.46E-03	0.00E+00	0.00E+00	1.38E-12	3.29E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-06	3.58E-03	1.32E+00	0.00E+00	1.18E-10	1.57E-08	1.91E-03	2.61E-06	1.93E-03	0.00E+00	1.32E+00	3.52E-09	1.32E+00	1.32E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MCU316P	2.93E-03	8.43E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	4.01E-02	2.46E-08	6.51E-04	7.08E-03	0.00E+00	0.00E+00	1.22E-12	2.57E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.56E-03	1.05E+00	0.00E+00	9.15E-11	1.48E-08	1.83E-03	1.79E-06	1.35E-03	0.00E+00	1.05E+00	2.59E-09	1.05E+00	1.05E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MCU320P	3.47E-03	8.32E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	4.52E-02	2.58E-08	8.17E-04	8.87E-03	0.00E+00	0.00E+00	1.27E-12	2.69E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-06	2.20E-03	9.10E-01	0.00E+00	1.06E-10	1.83E-08	2.28E-03	1.63E-06	1.16E-03	0.00E+00	9.10E-01	2.72E-09	9.10E-01	9.20E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
MCU325P	3.65E-03	1.03E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.24E-02	3.61E-08	8.61E-04	9.46E-03	0.00E+00	0.00E+00	1.50E-12	3.36E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.07E-03	1.30E+00	0.00E+00	1.34E-10	1.91E-08	2.43E-03	2.09E-06	1.63E-03	0.00E+00	1.30E+00	3.74E-09	1.30E+00	1.31E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
MCU332P	3.73E-03	1.05E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.30E-02	3.66E-08	8.80E-04	9.71E-03	0.00E+00	0.00E+00	1.52E-12	3.42E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.12E-03	1.31E+00	0.00E+00	1.35E-10	1.97E-08	2.49E-03	2.13E-06	1.65E-03	0.00E+00	1.31E+00	3.77E-09	1.31E+00	1.32E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MCU340P	3.74E-03	1.06E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.45E-02	3.65E-08	8.83E-04	9.75E-03	0.00E+00	0.00E+00	1.59E-12	3.46E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-06	3.25E-03	1.34E+00	0.00E+00	1.42E-10	1.98E-08	2.50E-03	2.25E-06	1.72E-03	0.00E+00	1.34E+00	3.82E-09	1.34E+00	1.35E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
MCU350P	3.83E-03	1.09E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.64E-02	3.73E-08	8.96E-04	9.86E-03	0.00E+00	0.00E+00	1.66E-12	3.65E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.31E-03	1.37E+00	0.00E+00	1.48E-10	2.02E-08	2.53E-03	2.29E-06	1.75E-03	0.00E+00	1.37E+00	3.87E-09	1.37E+00	1.38E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
MCU363P	3.88E-03	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.66E-02	3.78E-08	9.19E-04	1.01E-02	0.00E+00	0.00E+00	1.68E-12	3.66E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-06	3.36E-03	1.39E+00	0.00E+00	1.50E-10	2.05E-08	2.60E-03	2.37E-06	1.79E-03	0.00E+00	1.39E+00	3.91E-09	1.39E+00	1.40E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	3.75E-04
MCU406P	1.93E-03	4.10E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.51E-02	1.46E-08	4.94E-04	5.44E-03	0.00E+00	0.00E+00	5.49E-13	1.33E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.65E-03	4.56E-01	0.00E+00	4.50E-11	1.06E-08	1.41E-03	1.19E-06	8.88E-04	0.00E+00	4.56E-01	1.65E-09	4.56E-01	4.57E-01	8.88E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MCU410P	3.33E-03	8.57E-02	0.00E+00	8.47E-02	0.00E+00	0.00E+00	5.12E-02	2.86E-08	7.04E-04	7.78E-03	0.00E+00	0.00E+00	1.30E-12	2.69E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.67E-03	1.07E+00	0.00E+00	1.10E-10	1.65E-08	1.99E-03	1.85E-06	1.40E-03	0.00E+00	1.07E+00	3.19E-09	1.07E+00	1.07E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCU416P	3.34E-03	8.69E-02	0.00E+00	8.51E-02	0.00E+00	0.00E+00	5.12E-02	2.88E-08	7.07E-04	7.78E-03	0.00E+00	0.00E+00	1.32E-12	2.75E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.70E-03	1.08E+00	0.00E+00	1.11E-10	1.66E-08	1.99E-03	1.86E-06	1.42E-03	0.00E+00	1.08E+00	3.17E-09	1.08E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MCU420P	3.78E-03	9.76E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.08E-02	3.40E-08	8.85E-04	9.72E-03	0.00E+00	0.00E+00	1.43E-12	3.21E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	2.96E-03	1.24E+00	0.00E+00	1.32E-10	2.00E-08	2.50E-03	2.02E-06	1.56E-03	0.00E+00	1.24E+00	3.52E-09	1.24E+00	1.26E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MCU425P	3.80E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.27E-02	3.56E-08	8.89E-04	9.79E-03	0.00E+00	0.00E+00	1.54E-12	3.39E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-06	3.17E-03	1.32E+00	0.00E+00	1.39E-10	1.99E-08	2.52E-03	2.16E-06	1.66E-03	0.00E+00	1.32E+00	3.70E-09	1.32E+00	1.32E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MCU432P	3.84E-03	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.29E-02	3.58E-08	8.98E-04	9.83E-03	0.00E+00	0.00E+00	1.55E-12	3.45E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.19E-03	1.33E+00	0.00E+00	1.40E-10	2.02E-08	2.55E-03	2.17E-06	1.67E-03	0.00E+00	1.33E+00	3.72E-09	1.33E+00	1.33E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
MCU440P	3.84E-03	1.07E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.34E-02	3.60E-08	9.00E-04	9.86E-03	0.00E+00	0.00E+00	1.57E-12	3.46E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-06	3.22E-03	1.34E+00	0.00E+00	1.41E-10	2.02E-08	2.56E-03	2.20E-06	1.70E-03	0.00E+00	1.34E+00	3.74E-09	1.34E+00	1.34E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MCU450P	3.92E-03	1.10E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	6.57E-02	3.69E-08	9.15E-04	1.01E-02	0.00E+00	0.00E+00	1.61E-12	3.65E-11	2.32E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-06	3.32E-03	1.38E+00	0.00E+00	1.47E-10	2.07E-08	2.59E-03	2.27E-06	1.75E-03	0.00E+00	1.38E+00	3.80E-09	1.38E+00	1.38E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
MCU463P	3.95E-03	1.11E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.58E-02	3.71E-08	9.31E-04	1.02E-02	0.00E+00	0.00E+00	1.62E-12	3.65E-11	2.32E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-06	3.33E-03	1.39E+00	0.00E+00	1.47E-10	2.09E-08	2.64E-03	2.29E-06	1.76E-03	0.00E+00	1.39E+00	3.80E-09	1.39E+00	1.39E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04
MCX106P	6.46E-04	3.43E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.95E-02	1.14E-08	2.12E-04	2.36E-03	0.00E+00	0.00E+00	5.04E-13	1.11E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.09E-03	4.33E-01	0.00E+00	4.32E-11	4.03E-09	6.08E-04	7.48E-07	5.67E-04	0.00E+00	4.33E-01	1.20E-09	4.33E-01	4.34E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MCX110P	6.33E-04	3.33E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.95E-02	1.34E-08	2.02E-04	2.18E-03	0.00E+00	0.00E+00	4.95E-13	1.08E-11	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	1.47E-03	4.27E-01	0.00E+00	4.34E-11	3.93E-09	5.74E-04	1.08E-06	8.13E-04	0.00E+00	4.27E-01	1.58E-09	4.27E-01	4.31E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MCX116P	6.35E-04	3.36E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.06E-04	2.22E-03	0.00E+00	0.00E+00	5.00E-13	1.10E-11	7.20E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.08E-03	4.28E-01	0.00E+00	4.29E-11	3.99E-09	5.86E-04	7.40E-07	5.63E-04	0.00E+00	4.28E-01	1.19E-09	4.28E-01	4.31E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MCX120P	6.28E-04	3.35E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.98E-02	1.13E-08	2.04E-04	2.22E-03	0.00E+00	0.00E+00	4.99E-13	1.11E-11	7.18E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.08E-03	4.27E-01	0.00E+00	4.34E-11	3.95E-09	5.85E-04	7.40E-07	5.61E-04	0.00E+00	4.27E-01	1.20E-09	4.27E-01	4.29E-01	5.61E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MCX125P	6.39E-04	3.42E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	2.02E-02	1.14E-08	2.08E-04	2.32E-03	0.00E+00	0.00E+00	5.08E-13	1.13E-11	7.25E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.09E-03	4.32E-01	0.00E+00	4.43E-11	4.00E-09	6.06E-04	7.50E-07	5.69E-04	0.00E+00	4.32E-01	1.21E-09	4.32E-01	4.33E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MCX132P	6.80E-04	3.44E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.04E-02	1.17E-08	2.09E-04	2.33E-03	0.00E+00	0.00E+00	5.14E-13	1.15E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.35E-01	0.00E+00	4.49E-11	4.04E-09	6.06E-04	7.52E-07	5.72E-04	0.00E+00	4.35E-01	1.22E-09	4.35E-01	4.36E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MCX140P	6.87E-04	3.44E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.05E-02	1.17E-08	2.09E-04	2.34E-03	0.00E+00	0.00E+00	5.14E-13	1.15E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.35E-01	0.00E+00	4.49E-11	4.04E-09	6.05E-04	7.52E-07	5.72E-04	0.00E+00	4.35E-01	1.23E-09	4.35E-01	4.37E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MD106P	1.32E-03	3.62E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.13E-02	1.21E-08	3.23E-04	3.49E-03	0.00E+00	0.00E+00	5.29E-13	1.16E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.10E-03	4.58E-01	0.00E+00	4.58E-11	7.02E-09	8.75E-04	7.66E-07	5.76E-04	0.00E+00	4.58E-01	1.26E-09	4.58E-01	4.55E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MD110P	1.32E-03	3.51E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	2.08E-02	1.18E-08	3.16E-04	3.37E-03	0.00E+00	0.00E+00	5.11E-13	1.11E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.08E-03	4.51E-01	0.00E+00	4.58E-11	6.93E-09	8.76E-04	7.52E-07	5.65E-04	0.00E+00	4.51E-01	1.24E-09	4.51E-01	4.50E-01	5.65E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MD116P	1.31E-03	3.51E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.08E-02	1.19E-08	3.18E-04	3.41E-03	0.00E+00	0.00E+00	5.15E-13	1.12E-11	7.26E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.51E-01	0.00E+00	4.53E-11	6.96E-09	8.80E-04	7.50E-07	5.65E-04	0.00E+00	4.51E-01	1.26E-09	4.51E-01	4.50E-01	5.65E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MD120P	1.29E-03	3.49E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.09E-02	1.16E-08	3.13E-04	3.34E-03	0.00E+00	0.00E+00	5.09E-13	1.12E-11	7.20E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.48E-01	0.00E+00	4.64E-11	6.88E-09	8.72E-04	7.50E-07	5.64E-04	0.00E+00	4.48E-01	1.22E-09	4.48E-01	4.47E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MD132P	1.34E-03	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.19E-04	3.47E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.53E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.63E-01	0.00E+00	4.77E-11	7.02E-09	8.82E-04	7.70E-07	5.86E-04	0.00E+00	4.63E-01	1.29E-09	4.63E-01	4.61E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MD206P	2.43E-03	6.04E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	3.78E-02	2.31E-08	5.60E-04	5.85E-03	0.00E+00	0.00E+00	9.93E-13	2.02E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.90E-03	6.88E-01	0.00E+00	8.20E-11	1.21E-08	1.55E-03	1.37E-06	1.04E-03	0.00E+00	6.88E-01	2.36E-09	6.88E-01	6.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MD210P	2.17E-03	5.83E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.65E-02	2.13E-08	5.19E-04	5.43E-03	0.00E+00	0.00E+00	9.17E-13	1.96E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.87E-03	6.69E-01	0.00E+00	7.88E-11	1.09E-08	1.39E-03	1.35E-06	1.02E-03	0.00E+00	6.69E-01	2.23E-09	6.69E-01	6.66E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
MD216P	2.18E-03	5.86E-02	0.00E+00	5.93E-02	0.00E+00	0.00E+00	3.65E-02	2.17E-08	5.21E-04	5.47E-03	0.00E+00	0.00E+00	9.18E-13	1.96E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.89E-03	6.69E-01	0.00E+00	7.93E-11	1.09E-08	1.40E-03	1.36E-06	1.04E-03	0.00E+00	6.69E-01	2.24E-09	6.69E-01	6.67E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MD220P	2.22E-03	5.90E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	3.80E-02	2.16E-08	5.22E-04	5.50E-03	0.00E+00	0.00E+00	9.28E-13	1.98E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-06	1.90E-03	6.73E-01	0.00E+00	8.00E-11	1.11E-08	1.41E-03	1.39E-06	1.04E-03	0.00E+00	6.73E-01	2.26E-09	6.73E-01	6.70E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MD225P	2.54E-03	6.33E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.04E-02	2.39E-08	5.84E-04	6.06E-03	0.00E+00	0.00E+00	1.03E-12	2.10E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.98E-03	7.31E-01	0.00E+00	8.44E-11	1.27E-08	1.62E-03	1.40E-06	1.08E-03	0.00E+00	7.31E-01	2.45E-09	7.31E-01	7.24E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MD263P	5.16E-04	4.58E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.25E-02	1.94E-08	2.09E-04	1.90E-03	0.00E+00	0.00E+00	8.03E-13	1.66E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-06	1.68E-03	6.31E-01	0.00E+00	7.07E-11	3.59E-09	4.40E-04	1.27E-06	9.33E-04	0.00E+00	6.31E-01	2.02E-09	6.31E-01	6.37E-01	9.33E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
MD306P	3.51E-03	9.28E-02	0.00E+00	9.38E-02	0.00E+00	0.00E+00	5.88E-02	3.39E-08	8.00E-04	8.80E-03	0.00E+00	0.00E+00	1.49E-12	3.28E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-06	3.01E-03	1.29E+00	0.00E+00	1.26E-10	1.79E-08	2.26E-03	2.12E-06	1.63E-03	0.00E+00	1.29E+00	3.54E-09	1.29E+00	1.30E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MD310P	3.32E-03	8.71E-02	0.00E+00	8.77E-02	0.00E+00	0.00E+00	5.00E-02	3.02E-08	7.55E-04	8.21E-03	0.00E+00	0.00E+00	1.38E-12	2.93E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.75E-03	1.21E+00	0.00E+00	1.13E-10	1.70E-08	2.14E-03	1.93E-06	1.48E-03	0.00E+00	1.21E+00	3.20E-09	1.21E+00	1.22E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MD316P	3.39E-03	9.63E-02	0.00E+00	9.76E-02	0.00E+00	0.00E+00	5.74E-02	3.23E-08	7.88E-04	8.57E-03	0.00E+00	0.00E+00	1.40E-12	3.17E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.93E-03	1.24E+00	0.00E+00	1.22E-10	1.77E-08	2.22E-03	2.05E-06	1.56E-03	0.00E+00	1.24E+00	3.42E-09	1.24E+00	1.25E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MD320P	3.46E-03	9.06E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.78E-02	3.25E-08	7.90E-04	8.53E-03	0.00E+00	0.00E+00	1.43E-12	3.20E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-06	2.94E-03	1.26E+00	0.00E+00	1.23E-10	1.79E-08	2.23E-03	2.06E-06	1.57E-03	0.00E+00	1.26E+00	3.41E-09	1.26E+00	1.26E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MD325P	3.60E-03	9.49E-02	0.00E+00	9.62E-02	0.00E+00	0.00E+00	6.00E-02	3.54E-08	8.28E-04	9.07E-03	0.00E+00	0.00E+00	1.51E-12	3.33E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-06	3.07E-03	1.31E+00	0.00E+00	1.26E-10	1.85E-08	2.34E-03	2.14E-06	1.64E-03	0.00E+00	1.31E+00	3.68E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MD332P	3.65E-03	8.75E-02	0.00E+00	8.83E-02	0.00E+00	0.00E+00	5.43E-02	2.97E-08	8.35E-04	9.11E-03	0.00E+00	0.00E+00	1.40E-12	3.05E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-06	2.54E-03	1.00E+00	0.00E+00	1.15E-10	1.87E-08	2.35E-03	1.78E-06	1.32E-03	0.00E+00	1.00E+00	3.02E-09	1.00E+00	1.01E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MD340P	3.73E-03	9.82E-02	0.00E+00	9.87E-02	0.00E+00	0.00E+00	6.37E-02	3.61E-08	8.61E-04	9.46E-03	0.00E+00	0.00E+00	1.57E-12	3.41E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-06	3.18E-03	1.33E+00	0.00E+00	1.39E-10	1.94E-08	2.45E-03	2.24E-06	1.71E-03	0.00E+00	1.33E+00	3.77E-09	1.33E+00	1.34E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MD350P	4.91E-04	7.58E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	4.80E-02	2.94E-08	2.33E-04	2.29E-03	0.00E+00	0.00E+00	1.36E-12	2.65E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.63E-03	1.03E+00	0.00E+00	1.16E-10	3.96E-09	5.53E-04	1.88E-06	1.40E-03	0.00E+00	1.03E+00	3.08E-09	1.03E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MD363P	4.72E-04	6.90E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	4.62E-02	2.72E-08	2.26E-04	2.21E-03	0.00E+00	0.00E+00	1.30E-12	2.55E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.50E-03	9.75E-01	0.00E+00	1.11E-10	3.82E-09	5.32E-04	1.81E-06	1.32E-03	0.00E+00	9.75E-01	2.89E-09	9.75E-01	9.94E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MD440P	3.83E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.32E-02	3.59E-08	8.80E-04	9.60E-03	0.00E+00	0.00E+00	1.56E-12	3.45E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-06	3.21E-03	1.34E+00	0.00E+00	1.41E-10	1.99E-08	2.52E-03	2.23E-06	1.70E-03	0.00E+00	1.34E+00	3.74E-09	1.34E+00	1.34E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MDN101P	4.87E-04	2.68E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	4.08E-02	1.23E-08	1.32E-04	1.46E-03	0.00E+00	0.00E+00	5.00E-13	9.99E-12	7.67E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	1.28E-03	4.00E-01	0.00E+00	4.81E-11	2.96E-09	3.65E-04	8.97E-07	6.57E-04	0.00E+00	4.00E-01	1.37E-09	4.00E-01	4.11E-01	6.57E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MDN102P	1.30E-03	3.57E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04

MDN103P	1.30E-03	3.57E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MDN104P	1.30E-03	3.57E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.59E-01	0.00E+00	4.72E-11	6.98E-09	8.91E-04	7.72E-07	5.82E-04	0.00E+00	4.59E-01	1.26E-09	4.59E-01	4.57E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MDN106P	1.28E-03	3.53E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.09E-02	1.20E-08	3.15E-04	3.32E-03	0.00E+00	0.00E+00	5.27E-13	1.15E-11	7.33E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.51E-01	0.00E+00	4.53E-11	6.82E-09	8.72E-04	7.64E-07	5.73E-04	0.00E+00	4.51E-01	1.25E-09	4.51E-01	4.50E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MDN110P	1.29E-03	3.54E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.10E-02	1.21E-08	3.16E-04	3.33E-03	0.00E+00	0.00E+00	5.28E-13	1.15E-11	7.37E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.10E-03	4.53E-01	0.00E+00	4.63E-11	6.84E-09	8.78E-04	7.67E-07	5.77E-04	0.00E+00	4.53E-01	1.26E-09	4.53E-01	4.53E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MDN116P	1.29E-03	3.54E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.10E-02	1.21E-08	3.18E-04	3.37E-03	0.00E+00	0.00E+00	5.28E-13	1.15E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.10E-03	4.53E-01	0.00E+00	4.64E-11	6.87E-09	8.80E-04	7.65E-07	5.76E-04	0.00E+00	4.53E-01	1.27E-09	4.53E-01	4.53E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MDN120P	1.30E-03	3.56E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.32E-02	1.43E-08	3.24E-04	3.45E-03	0.00E+00	0.00E+00	5.60E-13	1.25E-11	7.98E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	1.55E-03	4.53E-01	0.00E+00	4.79E-11	6.87E-09	9.04E-04	1.10E-06	8.52E-04	0.00E+00	4.53E-01	1.70E-09	4.53E-01	4.53E-01	8.52E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MDN125P	1.28E-03	3.57E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.13E-02	1.20E-08	3.12E-04	3.34E-03	0.00E+00	0.00E+00	5.28E-13	1.17E-11	7.45E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.55E-01	0.00E+00	4.71E-11	6.86E-09	8.77E-04	7.69E-07	5.81E-04	0.00E+00	4.55E-01	1.27E-09	4.55E-01	4.54E-01	5.81E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MDN132P	1.30E-03	3.57E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-02	1.44E-08	3.21E-04	3.44E-03	0.00E+00	0.00E+00	5.63E-13	1.26E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	1.57E-03	4.56E-01	0.00E+00	4.82E-11	6.89E-09	8.93E-04	1.10E-06	8.64E-04	0.00E+00	4.56E-01	1.70E-09	4.56E-01	4.56E-01	8.64E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MDN140P	1.29E-03	3.58E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	3.09E-04	3.33E-03	0.00E+00	0.00E+00	5.30E-13	1.18E-11	7.47E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.56E-01	0.00E+00	4.74E-11	6.86E-09	8.71E-04	7.69E-07	5.83E-04	0.00E+00	4.56E-01	1.27E-09	4.56E-01	4.57E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MDN150P	2.90E-04	2.39E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.51E-02	9.11E-09	1.01E-04	1.21E-03	0.00E+00	0.00E+00	4.06E-13	8.62E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.23E-04	3.25E-01	0.00E+00	3.48E-11	2.01E-09	2.94E-04	5.80E-07	4.35E-04	0.00E+00	3.25E-01	9.64E-10	3.25E-01	3.30E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MDN163P	2.97E-04	2.39E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.52E-02	9.07E-09	1.02E-04	1.22E-03	0.00E+00	0.00E+00	4.05E-13	8.60E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.23E-04	3.26E-01	0.00E+00	3.49E-11	2.02E-09	2.96E-04	5.81E-07	4.34E-04	0.00E+00	3.26E-01	9.65E-10	3.26E-01	3.29E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05
MDN200P	4.07E-04	4.39E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	5.14E-02	1.64E-08	1.45E-04	1.62E-03	0.00E+00	0.00E+00	8.13E-13	1.50E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.57E-03	6.29E-01	0.00E+00	7.07E-11	2.61E-09	3.98E-04	1.14E-06	8.33E-04	0.00E+00	6.29E-01	1.77E-09	6.29E-01	6.29E-01	8.33E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MDN201P	4.07E-04	4.56E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	5.19E-02	1.84E-08	1.46E-04	1.62E-03	0.00E+00	0.00E+00	8.19E-13	1.65E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.61E-03	6.34E-01	0.00E+00	7.13E-11	2.62E-09	3.99E-04	1.16E-06	8.61E-04	0.00E+00	6.34E-01	1.97E-09	6.34E-01	6.33E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MDN202P	2.72E-03	6.54E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.16E-02	2.31E-08	6.31E-04	6.79E-03	0.00E+00	0.00E+00	9.99E-13	2.25E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	1.97E-03	8.53E-01	0.00E+00	8.88E-11	1.39E-08	1.77E-03	1.35E-06	9.96E-04	0.00E+00	8.53E-01	2.38E-09	8.53E-01	8.60E-01	9.96E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MDN203P	4.08E-04	4.50E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	5.20E-02	1.83E-08	1.47E-04	1.63E-03	0.00E+00	0.00E+00	8.18E-13	1.61E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.62E-03	6.31E-01	0.00E+00	7.09E-11	2.64E-09	4.02E-04	1.16E-06	8.70E-04	0.00E+00	6.31E-01	1.95E-09	6.31E-01	6.33E-01	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MDN204P	2.72E-03	6.54E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.16E-02	2.31E-08	6.31E-04	6.79E-03	0.00E+00	0.00E+00	1.00E-12	2.26E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	1.97E-03	8.53E-01	0.00E+00	8.88E-11	1.39E-08	1.77E-03	1.35E-06	9.96E-04	0.00E+00	8.53E-01	2.38E-09	8.53E-01	8.60E-01	9.96E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MDN206P	2.67E-03	6.60E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	4.01E-02	2.29E-08	6.19E-04	6.57E-03	0.00E+00	0.00E+00	9.55E-13	2.23E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.00E-03	8.29E-01	0.00E+00	8.78E-11	1.36E-08	1.74E-03	1.40E-06	1.07E-03	0.00E+00	8.29E-01	2.40E-09	8.29E-01	8.35E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MDN210P	2.67E-03	6.64E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	4.05E-02	2.30E-08	6.18E-04	6.58E-03	0.00E+00	0.00E+00	9.62E-13	2.25E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-06	2.01E-03	8.37E-01	0.00E+00	8.83E-11	1.36E-08	1.74E-03	1.41E-06	1.07E-03	0.00E+00	8.37E-01	2.41E-09	8.37E-01	8.45E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MDN216P	2.75E-03	6.68E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.09E-02	2.32E-08	6.42E-04	6.85E-03	0.00E+00	0.00E+00	9.63E-13	2.26E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.02E-03	8.46E-01	0.00E+00	8.85E-11	1.41E-08	1.79E-03	1.42E-06	1.09E-03	0.00E+00	8.46E-01	2.42E-09	8.46E-01	8.53E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MDN220P	2.76E-03	6.76E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.23E-02	2.35E-08	6.39E-04	6.90E-03	0.00E+00	0.00E+00	9.73E-13	2.27E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.04E-03	8.63E-01	0.00E+00	8.93E-11	1.42E-08	1.80E-03	1.43E-06	1.10E-03	0.00E+00	8.63E-01	2.44E-09	8.63E-01	8.66E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MDN225P	2.76E-03	6.82E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.27E-02	2.36E-08	6.40E-04	6.90E-03	0.00E+00	0.00E+00	9.95E-13	2.28E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.08E-03	8.85E-01	0.00E+00	8.94E-11	1.41E-08	1.80E-03	1.46E-06	1.11E-03	0.00E+00	8.85E-01	2.42E-09	8.85E-01	8.83E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MDN232P	2.77E-03	7.04E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	4.32E-02	2.33E-08	6.43E-04	7.01E-03	0.00E+00	0.00E+00	1.01E-12	2.29E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.18E-03	9.12E-01	0.00E+00	9.19E-11	1.43E-08	1.81E-03	1.51E-06	1.14E-03	0.00E+00	9.12E-01	2.43E-09	9.12E-01	9.04E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MDN240P	2.75E-03	7.05E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	4.32E-02	2.35E-08	6.39E-04	6.97E-03	0.00E+00	0.00E+00	1.01E-12	2.30E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-06	2.18E-03	9.11E-01	0.00E+00	9.21E-11	1.43E-08	1.80E-03	1.52E-06	1.15E-03	0.00E+00	9.11E-01	2.43E-09	9.11E-01	9.05E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MDN250P	5.08E-04	4.93E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.30E-02	1.77E-08	2.10E-04	1.92E-03	0.00E+00	0.00E+00	8.04E-13	1.68E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.69E-03	7.54E-01	0.00E+00	7.25E-11	3.69E-09	4.49E-04	1.24E-06	8.89E-04	0.00E+00	7.54E-01	1.84E-09	7.54E-01	7.64E-01	8.89E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
MDN263P	5.09E-04	4.95E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	3.30E-02	1.77E-08	2.10E-04	1.91E-03	0.00E+00	0.00E+00	8.04E-13	1.68E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.71E-03	7.54E-01	0.00E+00	7.25E-11	3.69E-09	4.48E-04	1.28E-06	9.07E-04	0.00E+00	7.54E-01	1.84E-09	7.54E-01	7.64E-01	9.07E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
MDN263R	4.79E-04	4.05E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.80E-02	1.35E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	6.64E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.06E-03	5.19E-01	0.00E+00	6.44E-11	3.01E-09	4.36E-04	7.46E-07	5.68E-04	0.00E+00	5.19E-01	1.32E-09	5.19E-01	5.06E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MDN300P	4.27E-04	6.93E-02	0.00E+00	6.95E-02	0.00E+00	0.00E+00	4.38E-02	2.48E-08	2.12E-04	2.35E-03	0.00E+00	0.00E+00	1.18E-12	2.22E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.32E-03	9.04E-01	0.00E+00	1.04E-10	3.42E-09	5.93E-04	1.64E-06	1.24E-03	0.00E+00	9.04E-01	2.58E-09	9.04E-01	9.09E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MDN301P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.43E-04	9.38E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.40E-03	2.10E-06	1.60E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.26E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MDN302P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.44E-04	9.38E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.40E-03	2.10E-06	1.60E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.26E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MDN303P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.11E-02	3.51E-08	8.44E-04	9.38E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-06	3.03E-03	1.28E+00	0.00E+00	1.34E-10	1.90E-08	2.40E-03	2.10E-06	1.60E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.26E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MDN304P	3.64E-03	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.12E-02	3.51E-08	8.44E-04	9.38E-03	0.00E+00	0.00E+00	1.46E-12	3.26E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-06	3.05E-03	1.28E+00	0.00E+00	1.35E-10	1.90E-08	2.40E-03	2.11E-06	1.61E-03	0.00E+00	1.28E+00	3.66E-09	1.28E+00	1.27E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MDN306P	3.62E-03	9.86E-02	0.00E+00	9.99E-02	0.00E+00	0.00E+00	6.08E-02	3.42E-08	8.51E-04	9.44E-03	0.00E+00	0.00E+00	1.43E-12	3.22E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-06	3.01E-03	1.26E+00	0.00E+00	1.35E-10	1.90E-08	2.41E-03	2.10E-06	1.59E-03	0.00E+00	1.26E+00	3.63E-09	1.26E+00	1.25E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MDN310P	3.62E-03	9.97E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	6.07E-02	3.45E-08	8.51E-04	9.43E-03	0.00E+00	0.00E+00	1.45E-12	3.29E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-06	3.06E-03	1.27E+00	0.00E+00	1.34E-10	1.90E-08	2.41E-03	2.12E-06	1.62E-03	0.00E+00	1.27E+00	3.64E-09	1.27E+00	1.26E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MDN316P	3.61E-03	9.85E-02	0.00E+00	9.98E-02	0.00E+00	0.00E+00	6.05E-02	3.43E-08	8.53E-04	9.34E-03	0.00E+00	0.00E+00	1.44E-12	3.21E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	3.03E-03	1.27E+00	0.00E+00	1.34E-10	1.91E-08	2.41E-03	2.11E-06	1.61E-03	0.00E+00	1.27E+00	3.66E-09	1.27E+00	1.27E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04
MDN320P	3.88E-04	6.12E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.01E-02	2.30E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.08E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-06	2.15E-03	8.55E-01	0.00E+00	9.39E-11	3.16E-09	5.03E-04	1.53E-06	1.14E-03	0.00E+00	8.55E-01	2.41E-09	8.55E-01	8.56E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MDN325P	3.67E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.16E-02	3.50E-08	8.65E-04	9.54E-03	0.00E+00	0.00E+00	1.46E-12	3.26E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	3.08E-03	1.29E+00	0.00E+00	1.34E-10	1.94E-08	2.45E-03	2.12E-06	1.62E-03	0.00E+00	1.29E+00	3.69E-09	1.29E+00	1.28E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
MDN332P	4.14E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.29E-03	9.12E-01	0.00E+00	1.00E-10	3.37E-09	5.37E-04	1.63E-06	1.22E-03	0.00E+00	9.12E-01	2.57E-09	9.12E-01	9.13E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MDN340P	3.73E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.33E-02	3.56E-08	8.79E-04	9.67E-03	0.00E+00	0.00E+00	1.52E-12	3.33E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-06	3.15E-03	1.30E+00	0.00E+00	1.40E-10	1.98E-08	2.49E-03	2.18E-06	1.68E-03	0.00E+00	1.30E+00	3.71E-09	1.30E+00	1.30E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MDN350P	4.66E-04	7.39E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.52E-02	2.72E-08	2.37E-04	2.24E-03	0.00E+00	0.00E+00	1.27E-12	2.51E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.56E-03	9.60E-01	0.00E+00	1.06E-10	4.08E-09	5.56E-04	1.77E-06	1.34E-03	0.00E+00	9.60E-01	2.89E-09	9.60E-01	9.85E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MDN363P	4.67E-04	7.38E-02	0.00E+00	7.52E-02	0.00E+00	0.00E+00	4.60E-02	2.72E-08	2.37E-04	2.24E-03	0.00E+00	0.00E+00	1.28E-12	2.52E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.61E-03	9.74E-01	0.00E+00	1.10E-10	4.08E-09	5.59E-04	1.84E-06	1.37E-03	0.00E+00	9.74E-01	2.91E-09	9.74E-01	9.98E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MDN400P	5.21E-04	8.69E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.34E-02	3.13E-08	2.70E-04	2.92E-03	0.00E+00	0.00E+00	1.44E-12	2.83E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.81E-03	1.14E+00	0.00E+00	1.29E-10	4.29E-09	7.37E-04	1.97E-06	1.50E-03	0.00E+00	1.14E+00	3.22E-09	1.14E+00	1.14E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
MDN401P	5.29E-04	8.92E-02	0.00E+00	8.94E-02	0.00E+00	0.00E+00	5.54E-02	3.17E-08	2.73E-04	3.02E-03	0.00E+00	0.00E+00	1.47E-12	3.02E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.31E-03	1.23E+00	0.00E+00	1.31E-10	4.38E-09	7.54E-04	2.38E-06	1.85E-03	0.00E+00	1.23E+00	3.48E-09	1.23E+00	1.22E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MDN402P	5.30E-04	8.92E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	5.54E-02	3.17E-08	2.73E-04	3.06E-03	0.00E+00	0.00E+00	1.47E-12	3.02E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.31E-03	1.24E+00	0.00E+00	1.31E-10	4.38E-09	7.54E-04	2.38E-06	1.85E-03	0.00E+00	1.24E+00	3.48E-09	1.24E+00	1.24E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MDN403P	5.28E-04	8.80E-02	0.00E+00	8.84E-02	0.00E+00	0.00E+00	5.53E-02	3.15E-08	2.73E-04	3.01E-03	0.00E+00	0.00E+00	1.46E-12	3.00E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-06	3.29E-03	1.23E+00	0.00E+00	1.31E-10	4.37E-09	7.54E-04	2.37E-06	1.84E-03	0.00E+00	1.23E+00	3.45E-09	1.23E+00	1.21E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MDN404P	5.16E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.53E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.46E-03	9.45E-01	0.00E+00	1.17E-10	4.29E-09	7.21E-04	1.75E-06	1.26E-03	0.00E+00	9.45E-01	2.66E-09	9.45E-01	9.56E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
MDN406P	5.15E-04	8.19E-02	0.00E+00	8.21E-02	0.00E+00	0.00E+00	5.28E-02	3.08E-08	2.50E-04	2.69E-03	0.00E+00	0.00E+00	1.39E-12	2.78E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	3.12E-03	1.12E+00	0.00E+00	1.27E-10	4.31E-09	6.85E-04	2.31E-06	1.75E-03	0.00E+00	1.12E+00	3.39E-09	1.12E+00	1.13E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MDN410P	5.10E-04	8.58E-02	0.00E+00	8.78E-02	0.00E+00	0.00E+00	5.84E-02	3.23E-08	2.48E-04	2.74E-03	0.00E+00	0.00E+00	1.46E-12	3.36E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-06	3.71E-03	1.36E+00	0.00E+00	1.34E-10	4.27E-09	6.89E-04	2.58E-06	1.96E-03	0.00E+00	1.36E+00	3.67E-09	1.36E+00	1.36E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MDN416P	5.13E-04	8.68E-02	0.00E+00	8.86E-02	0.00E+00	0.00E+00	5.86E-02	3.24E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.48E-12	3.37E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.94E-06	3.71E-03	1.36E+00	0.00E+00	1.35E-10	4.21E-09	6.92E-04	2.59E-06	1.97E-03	0.00E+00	1.36E+00	3.69E-09	1.36E+00	1.37E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MDN420P	5.30E-04	8.81E-02	0.00E+00	8.96E-02	0.00E+00	0.00E+00	5.90E-02	3.26E-08	2.63E-04	2.88E-03	0.00E+00	0.00E+00	1.48E-12	3.38E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.74E-03	1.38E+00	0.00E+00	1.36E-10	4.42E-09	7.16E-04	2.61E-06	1.97E-03	0.00E+00	1.38E+00	3.72E-09	1.38E+00	1.38E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04
MDN425P	3.78E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.17E-02	3.49E-08	8.86E-04	9.73E-03	0.00E+00	0.00E+00	1.52E-12	3.33E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-06	3.14E-03	1.30E+00	0.00E+00	1.37E-10	2.00E-08	2.50E-03	2.15E-06	1.65E-03	0.00E+00	1.30E+00	3.62E-09	1.30E+00	1.29E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MDN432P	3.82E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.24E-02	3.52E-08	8.95E-04	9.77E-03	0.00E+00	0.00E+00	1.54E-12	3.38E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.23E-06	3.19E-03	1.31E+00	0.00E+00	1.40E-10	2.03E-08	2.54E-03	2.18E-06	1.67E-03	0.00E+00	1.31E+00	3.65E-09	1.31E+00	1.30E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MDN440P	3.82E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.29E-02	3.54E-08	8.97E-04	9.80E-03	0.00E+00	0.00E+00	1.55E-12	3.37E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-06	3.19E-03	1.31E+00	0.00E+00	1.40E-10	2.03E-08	2.55E-03	2.19E-06	1.67E-03	0.00E+00	1.31E+00	3.66E-09	1.31E+00	1.31E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
MDN450P	5.72E-04	8.69E-02	0.00E+00	8.69E-02	0.00E+00	0.00E+00	5.51E-02	3.13E-08	2.96E-04	2.98E-03	0.00E+00	0.00E+00	1.49E-12	2.91E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-06	2.98E-03	1.17E+00	0.00E+00	1.30E-10	5.05E-09	7.29E-04	2.11E-06	1.59E-03	0.00E+00	1.17E+00	3.44E-09	1.17E+00	1.18E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MDN463P	5.72E-04	8.80E-02	0.00E+00	8.82E-02	0.00E+00	0.00E+00	5.53E-02	3.15E-08	2.97E-04	2.98E-03	0.00E+00	0.00E+00	1.50E-12	2.93E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-06	3.00E-03	1.18E+00	0.00E+00	1.31E-10	5.06E-09	7.30E-04	2.12E-06	1.59E-03	0.00E+00	1.18E+00	3.45E-09	1.18E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MDN463R	5.28E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.09E-02	2.56E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.49E-03	9.71E-01	0.00E+00	1.19E-10	4.32E-09	6.84E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.70E-09	9.71E-01	9.77E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MDU106P	1.31E-03	3.61E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.08E-02	1.18E-08	3.22E-04	3.46E-03	0.00E+00	0.00E+00	5.20E-13	1.12E-11	7.31E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.10E-03	4.56E-01	0.00E+00	4.54E-11	6.95E-09	8.69E-04	7.64E-07	5.77E-04	0.00E+00	4.56E-01	1.22E-09	4.56E-01	4.53E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MDU110P	1.30E-03	3.51E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	2.07E-02	1.17E-08	3.15E-04	3.34E-03	0.00E+00	0.00E+00	5.11E-13	1.10E-11	7.24E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	1.09E-03	4.52E-01	0.00E+00	4.57E-11	6.87E-09	8.71E-04	7.55E-07	5.70E-04	0.00E+00	4.52E-01	1.22E-09	4.52E-01	4.50E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MDU116P	1.32E-03	3.52E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.08E-02	1.20E-08	3.18E-04	3.41E-03	0.00E+00	0.00E+00	5.16E-13	1.12E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.52E-01	0.00E+00	4.53E-11	6.96E-09	8.80E-04	7.52E-07	5.68E-04	0.00E+00	4.52E-01	1.26E-09	4.52E-01	4.50E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU120P	1.30E-03	3.52E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.11E-02	1.19E-08	3.14E-04	3.36E-03	0.00E+00	0.00E+00	5.17E-13	1.14E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.09E-03	4.51E-01	0.00E+00	4.59E-11	6.91E-09	8.77E-04	7.52E-07	5.70E-04	0.00E+00	4.51E-01	1.25E-09	4.51E-01	4.49E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MDU125P	1.31E-03	3.62E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.11E-02	1.18E-08	3.20E-04	3.40E-03	0.00E+00	0.00E+00	5.20E-13	1.14E-11	7.31E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.11E-03	4.56E-01	0.00E+00	4.65E-11	7.00E-09	8.78E-04	7.64E-07	5.79E-04	0.00E+00	4.56E-01	1.24E-09	4.56E-01	4.54E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MDU132P	1.31E-03	3.63E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.12E-02	1.36E-08	3.15E-04	3.40E-03	0.00E+00	0.00E+00	5.23E-13	1.15E-11	7.34E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.11E-03	4.57E-01	0.00E+00	4.68E-11	6.87E-09	8.67E-04	7.63E-07	5.83E-04	0.00E+00	4.57E-01	1.35E-09	4.57E-01	4.55E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MDU140P	1.31E-03	3.63E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.13E-02	1.37E-08	3.15E-04	3.40E-03	0.00E+00	0.00E+00	5.23E-13	1.15E-11	7.35E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.11E-03	4.57E-01	0.00E+00	4.69E-11	6.87E-09	8.68E-04	7.63E-07	5.83E-04	0.00E+00	4.57E-01	1.35E-09	4.57E-01	4.57E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MDU150P	1.34E-04	2.07E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.31E-02	9.74E-09	7.15E-05	8.15E-04	0.00E+00	0.00E+00	3.47E-13	7.45E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.11E-04	3.00E-01	0.00E+00	3.15E-11	1.13E-09	1.99E-04	5.06E-07	3.79E-04	0.00E+00	3.00E-01	9.42E-10	3.00E-01	3.06E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
MDU163P	1.36E-04	2.07E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.31E-02	9.75E-09	7.28E-05	8.32E-04	0.00E+00	0.00E+00	3.48E-13	7.45E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.11E-04	3.00E-01	0.00E+00	3.15E-11	1.13E-09	2.01E-04	5.06E-07	3.79E-04	0.00E+00	3.00E-01	9.43E-10	3.00E-01	3.06E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
MDU206P	1.89E-03	4.07E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.14E-02	1.19E-08	4.60E-04	5.14E-03	0.00E+00	0.00E+00	5.16E-13	1.19E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.09E-03	4.52E-01	0.00E+00	4.48E-11	1.02E-08	1.33E-03	7.56E-07	5.75E-04	0.00E+00	4.52E-01	1.26E-09	4.52E-01	4.46E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU210P	1.88E-03	3.98E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.13E-02	1.19E-08	4.58E-04	5.02E-03	0.00E+00	0.00E+00	5.07E-13	1.17E-11	7.16E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.07E-03	4.48E-01	0.00E+00	4.51E-11	1.02E-08	1.31E-03	7.45E-07	5.68E-04	0.00E+00	4.48E-01	1.24E-09	4.48E-01	4.43E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU216P	1.89E-03	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.14E-02	1.37E-08	4.60E-04	5.02E-03	0.00E+00	0.00E+00	5.07E-13	1.17E-11	7.18E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.08E-03	4.48E-01	0.00E+00	4.52E-11	1.02E-08	1.32E-03	7.45E-07	5.72E-04	0.00E+00	4.48E-01	1.35E-09	4.48E-01	4.45E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MDU220P	1.89E-03	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.16E-02	1.37E-08	4.58E-04	5.04E-03	0.00E+00	0.00E+00	5.07E-13	1.20E-11	7.16E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.08E-03	4.47E-01	0.00E+00	4.59E-11	1.02E-08	1.33E-03	7.45E-07	5.73E-04	0.00E+00	4.47E-01	1.35E-09	4.47E-01	4.44E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MDU225P	1.91E-03	4.14E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.21E-02	1.39E-08	4.61E-04	5.11E-03	0.00E+00	0.00E+00	5.18E-13	1.22E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.10E-03	4.55E-01	0.00E+00	4.51E-11	1.03E-08	1.34E-03	7.57E-07	5.84E-04	0.00E+00	4.55E-01	1.38E-09	4.55E-01	4.53E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MDU232P	1.92E-03	4.17E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.22E-02	1.39E-08	4.64E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-13	1.23E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.10E-03	4.56E-01	0.00E+00	4.54E-11	1.04E-08	1.35E-03	7.56E-07	5.84E-04	0.00E+00	4.56E-01	1.38E-09	4.56E-01	4.53E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU240P	1.93E-03	4.21E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	2.22E-02	1.39E-08	4.71E-04	5.31E-03	0.00E+00	0.00E+00	5.22E-13	1.24E-11	7.32E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.10E-03	4.56E-01	0.00E+00	4.54E-11	1.06E-08	1.37E-03	7.57E-07	5.84E-04	0.00E+00	4.56E-01	1.39E-09	4.56E-01	4.54E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU250P	6.08E-04	3.78E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.98E-02	1.29E-08	2.20E-04	2.13E-03	0.00E+00	0.00E+00	4.86E-13	1.11E-11	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	1.04E-03	4.16E-01	0.00E+00	4.06E-11	4.29E-09	4.85E-04	7.32E-07	5.55E-04	0.00E+00	4.16E-01	1.29E-09	4.16E-01	4.19E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDU263P	6.08E-04	3.78E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.98E-02	1.29E-08	2.20E-04	2.12E-03	0.00E+00	0.00E+00	4.86E-13	1.11E-11	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	1.04E-03	4.16E-01	0.00E+00	4.06E-11	4.29E-09	4.85E-04	7.32E-07	5.55E-04	0.00E+00	4.16E-01	1.29E-09	4.16E-01	4.19E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDU306P	1.96E-03	4.09E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.18E-02	1.22E-08	4.85E-04	5.42E-03	0.00E+00	0.00E+00	5.15E-13	1.19E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.19E-03	4.55E-01	0.00E+00	4.38E-11	1.06E-08	1.43E-03	8.54E-07	6.25E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.50E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU310P	3.38E-03	8.02E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	4.30E-02	2.17E-08	7.77E-04	8.55E-03	0.00E+00	0.00E+00	1.24E-12	2.45E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.10E-03	8.73E-01	0.00E+00	9.54E-11	1.74E-08	2.21E-03	1.56E-06	1.10E-03	0.00E+00	8.73E-01	2.23E-09	8.73E-01	8.86E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MDU316P	1.97E-03	4.02E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.18E-02	1.39E-08	4.93E-04	5.46E-03	0.00E+00	0.00E+00	5.07E-13	1.17E-11	7.17E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.18E-03	4.50E-01	0.00E+00	4.42E-11	1.08E-08	1.43E-03	8.45E-07	6.23E-04	0.00E+00	4.50E-01	1.37E-09	4.50E-01	4.49E-01	6.23E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU320P	1.98E-03	4.05E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.21E-02	1.39E-08	4.94E-04	5.54E-03	0.00E+00	0.00E+00	5.07E-13	1.20E-11	7.15E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.18E-03	4.49E-01	0.00E+00	4.50E-11	1.09E-08	1.45E-03	8.45E-07	6.23E-04	0.00E+00	4.49E-01	1.37E-09	4.49E-01	4.48E-01	6.23E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MDU325P	3.66E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.24E-02	3.60E-08	8.63E-04	9.49E-03	0.00E+00	0.00E+00	1.51E-12	3.48E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.13E-03	1.32E+00	0.00E+00	1.35E-10	1.92E-08	2.44E-03	2.13E-06	1.66E-03	0.00E+00	1.32E+00	3.71E-09	1.32E+00	1.33E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MDU332P	2.00E-03	4.23E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.25E-02	1.42E-08	5.00E-04	5.64E-03	0.00E+00	0.00E+00	5.19E-13	1.23E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.22E-03	4.60E-01	0.00E+00	4.53E-11	1.11E-08	1.47E-03	8.57E-07	6.36E-04	0.00E+00	4.60E-01	1.40E-09	4.60E-01	4.57E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU340P	1.98E-03	4.23E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.26E-02	1.42E-08	4.96E-04	5.61E-03	0.00E+00	0.00E+00	5.21E-13	1.23E-11	7.32E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.22E-03	4.60E-01	0.00E+00	4.53E-11	1.10E-08	1.45E-03	8.58E-07	6.37E-04	0.00E+00	4.60E-01	1.40E-09	4.60E-01	4.58E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU350P	6.17E-04	3.82E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.01E-02	1.31E-08	2.10E-04	2.09E-03	0.00E+00	0.00E+00	4.88E-13	1.11E-11	6.90E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	1.16E-03	4.21E-01	0.00E+00	4.06E-11	4.25E-09	5.06E-04	8.14E-07	6.00E-04	0.00E+00	4.21E-01	1.31E-09	4.21E-01	4.23E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDU363P	6.17E-04	3.82E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.01E-02	1.31E-08	2.10E-04	2.09E-03	0.00E+00	0.00E+00	4.88E-13	1.11E-11	6.90E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	1.16E-03	4.21E-01	0.00E+00	4.06E-11	4.25E-09	5.06E-04	8.14E-07	6.00E-04	0.00E+00	4.21E-01	1.31E-09	4.21E-01	4.23E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDU406P	1.96E-03	4.12E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.50E-02	1.46E-08	5.04E-04	5.51E-03	0.00E+00	0.00E+00	5.50E-13	1.32E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.65E-03	4.56E-01	0.00E+00	4.51E-11	1.07E-08	1.43E-03	1.18E-06	8.96E-04	0.00E+00	4.56E-01	1.65E-09	4.56E-01	4.57E-01	8.96E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU410P	1.97E-03	4.04E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.46E-02	1.45E-08	5.09E-04	5.55E-03	0.00E+00	0.00E+00	5.41E-13	1.30E-11	8.55E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.68E-03	4.52E-01	0.00E+00	4.55E-11	1.08E-08	1.43E-03	1.18E-06	8.92E-04	0.00E+00	4.52E-01	1.61E-09	4.52E-01	4.52E-01	8.92E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MDU416P	1.97E-03	4.07E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.46E-02	1.45E-08	5.12E-04	5.61E-03	0.00E+00	0.00E+00	5.41E-13	1.30E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.68E-03	4.51E-01	0.00E+00	4.55E-11	1.10E-08	1.44E-03	1.19E-06	8.95E-04	0.00E+00	4.51E-01	1.61E-09	4.51E-01	4.52E-01	8.95E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04

MDU420P	3.78E-03	9.78E-02	0.00E+00	9.83E-02	0.00E+00	0.00E+00	6.05E-02	3.43E-08	8.85E-04	9.71E-03	0.00E+00	0.00E+00	1.44E-12	3.23E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	2.98E-03	1.25E+00	0.00E+00	1.33E-10	1.99E-08	2.50E-03	2.03E-06	1.56E-03	0.00E+00	1.25E+00	3.57E-09	1.25E+00	1.26E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MDU425P	1.99E-03	4.23E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	2.55E-02	1.48E-08	5.14E-04	5.72E-03	0.00E+00	0.00E+00	5.54E-13	1.35E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.74E-03	4.59E-01	0.00E+00	4.63E-11	1.10E-08	1.46E-03	1.21E-06	9.14E-04	0.00E+00	4.59E-01	1.66E-09	4.59E-01	4.59E-01	9.14E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MDU432P	2.00E-03	4.25E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.57E-02	1.48E-08	5.14E-04	5.73E-03	0.00E+00	0.00E+00	5.56E-13	1.35E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.76E-03	4.60E-01	0.00E+00	4.66E-11	1.11E-08	1.47E-03	1.21E-06	9.18E-04	0.00E+00	4.60E-01	1.66E-09	4.60E-01	4.60E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU440P	1.99E-03	4.25E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.57E-02	1.48E-08	5.11E-04	5.74E-03	0.00E+00	0.00E+00	5.58E-13	1.35E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.76E-03	4.60E-01	0.00E+00	4.66E-11	1.11E-08	1.47E-03	1.21E-06	9.20E-04	0.00E+00	4.60E-01	1.66E-09	4.60E-01	4.60E-01	9.20E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MDU450P	5.58E-04	3.81E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.20E-02	1.37E-08	2.15E-04	2.13E-03	0.00E+00	0.00E+00	4.97E-13	1.16E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.32E-03	4.22E-01	0.00E+00	4.13E-11	4.04E-09	5.17E-04	9.41E-07	6.99E-04	0.00E+00	4.22E-01	1.47E-09	4.22E-01	4.27E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDU463P	5.58E-04	3.81E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.20E-02	1.37E-08	2.15E-04	2.13E-03	0.00E+00	0.00E+00	4.97E-13	1.16E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.32E-03	4.22E-01	0.00E+00	4.13E-11	4.04E-09	5.17E-04	9.41E-07	6.99E-04	0.00E+00	4.22E-01	1.47E-09	4.22E-01	4.27E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MDX106P	6.46E-04	3.43E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.95E-02	1.14E-08	2.12E-04	2.36E-03	0.00E+00	0.00E+00	5.04E-13	1.11E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.09E-03	4.33E-01	0.00E+00	4.32E-11	4.03E-09	6.08E-04	7.48E-07	5.67E-04	0.00E+00	4.33E-01	1.20E-09	4.33E-01	4.34E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MDX110P	6.54E-04	3.42E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	2.12E-04	2.36E-03	0.00E+00	0.00E+00	5.01E-13	1.08E-11	7.19E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	1.09E-03	4.32E-01	0.00E+00	4.36E-11	4.02E-09	6.07E-04	7.48E-07	5.69E-04	0.00E+00	4.32E-01	1.18E-09	4.32E-01	4.34E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MDX116P	6.50E-04	3.44E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.94E-02	1.14E-08	2.13E-04	2.40E-03	0.00E+00	0.00E+00	5.04E-13	1.10E-11	7.24E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	1.09E-03	4.32E-01	0.00E+00	4.30E-11	4.05E-09	6.10E-04	7.47E-07	5.69E-04	0.00E+00	4.32E-01	1.20E-09	4.32E-01	4.34E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MDX120P	6.38E-04	3.43E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.96E-02	1.14E-08	2.10E-04	2.36E-03	0.00E+00	0.00E+00	5.04E-13	1.12E-11	7.22E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.09E-03	4.31E-01	0.00E+00	4.35E-11	3.99E-09	6.05E-04	7.47E-07	5.69E-04	0.00E+00	4.31E-01	1.20E-09	4.31E-01	4.32E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MDX125P	6.36E-04	3.43E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	2.02E-02	1.37E-08	2.07E-04	2.30E-03	0.00E+00	0.00E+00	5.08E-13	1.13E-11	7.25E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.49E-03	4.32E-01	0.00E+00	4.43E-11	4.03E-09	6.08E-04	1.08E-06	8.24E-04	0.00E+00	4.32E-01	1.61E-09	4.32E-01	4.33E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MDX132P	6.85E-04	3.45E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.05E-02	1.17E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	5.16E-13	1.15E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.10E-03	4.36E-01	0.00E+00	4.52E-11	4.11E-09	6.14E-04	7.52E-07	5.73E-04	0.00E+00	4.36E-01	1.23E-09	4.36E-01	4.37E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MDX140P	6.87E-04	3.45E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.05E-02	1.17E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	5.15E-13	1.15E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.36E-01	0.00E+00	4.49E-11	4.11E-09	6.13E-04	7.52E-07	5.73E-04	0.00E+00	4.36E-01	1.23E-09	4.36E-01	4.37E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MFN701	1.31E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.76E-09	6.14E-05	6.74E-04	0.00E+00	0.00E+00	3.64E-13	7.04E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.89E-01	0.00E+00	3.17E-11	1.07E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.89E-01	8.15E-10	2.89E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05
MFN702	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.82E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.66E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.21E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
MFN706	1.23E-04	1.97E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.34E-01	1.20E-08	5.85E-05	6.42E-04	0.00E+00	0.00E+00	3.59E-13	6.81E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.68E-04	3.09E-01	0.00E+00	4.67E-11	9.84E-10	1.61E-04	5.43E-07	4.09E-04	0.00E+00	3.09E-01	1.19E-09	3.09E-01	3.09E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MFN706A	4.23E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.31E-02	7.46E-09	1.34E-04	1.36E-03	0.00E+00	0.00E+00	3.48E-13	6.80E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.00E-04	2.82E-01	0.00E+00	3.04E-11	2.59E-09	3.71E-04	5.02E-07	3.71E-04	0.00E+00	2.82E-01	7.87E-10	2.82E-01	2.82E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
MFN710	2.94E-05	1.86E-02	7.63E-08	1.86E-02	2.82E-08	0.00E+00	5.44E-01	6.96E-08	5.34E-06	5.86E-05	0.00E+00	7.79E-05	3.65E-12	6.96E-11	6.59E-04	7.97E-05	0.00E+00	0.00E+00	1.56E-05	1.73E-03	3.31E-01	0.00E+00	2.26E-10	2.53E-10	1.89E-05	1.37E-06	1.04E-03	0.00E+00	3.31E-01	6.65E-09	3.31E-01	3.32E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	6.71E-04
MFN710A	3.84E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	1.27E-04	1.35E-03	0.00E+00	0.00E+00	3.52E-13	6.84E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.05E-04	2.85E-01	0.00E+00	3.16E-11	2.40E-09	3.49E-04	5.04E-07	3.72E-04	0.00E+00	2.85E-01	7.88E-10	2.85E-01	2.86E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
MFN716	2.96E-05	1.87E-02	7.66E-08	1.87E-02	2.83E-08	0.00E+00	5.46E-01	6.99E-08	5.36E-06	5.88E-05	0.00E+00	7.83E-05	3.67E-12	6.99E-11	6.62E-04	8.01E-05	0.00E+00	0.00E+00	1.57E-05	1.74E-03	3.32E-01	0.00E+00	2.27E-10	2.54E-10	1.90E-05	1.38E-06	1.05E-03	0.00E+00	3.32E-01	6.68E-09	3.32E-01	3.33E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	6.74E-04
MFN716A	3.67E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.31E-02	9.38E-09	1.17E-04	1.28E-03	0.00E+00	0.00E+00	3.52E-13	6.84E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.05E-04	2.89E-01	0.00E+00	3.17E-11	2.27E-09	3.28E-04	5.04E-07	3.76E-04	0.00E+00	2.89E-01	9.07E-10	2.89E-01	2.90E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MFN720	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MFN720A	6.63E-04	9.83E-02	0.00E+00	9.91E-02	0.00E+00	0.00E+00	6.55E-02	4.24E-08	2.61E-04	2.91E-03	0.00E+00	0.00E+00	1.84E-12	3.77E-11	2.50E-04	0.00E+00	0.00E+00	0.00E+00	9.51E-06	6.46E-03	1.58E+00	0.00E+00	1.81E-10	5.34E-09	7.83E-04	4.81E-06	3.73E-03	0.00E+00	1.58E+00	4.20E-09	1.58E+00	1.53E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04
MFN725	1.26E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.15E-02	1.21E-08	6.01E-05	6.60E-04	0.00E+00	0.00E+00	3.63E-13	6.80E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.56E-04	2.94E-01	0.00E+00	3.81E-11	1.02E-09	1.66E-04	5.49E-07	4.08E-04	0.00E+00	2.94E-01	1.19E-09	2.94E-01	2.95E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	9.34E-05
MFN732	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.90E-04	0.00E+00	0.00E+00	3.72E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.34E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MFN910	1.71E-04	2.70E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.77E-02	1.01E-08	8.02E-05	8.80E-04	0.00E+00	0.00E+00	4.75E-13	9.19E-12	6.58E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	9.49E-04	3.77E-01	0.00E+00	4.14E-11	1.39E-09	2.22E-04	6.76E-07	5.03E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.78E-01	5.03E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
MFN916	1.65E-04	2.59E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.70E-02	9.74E-09	7.71E-05	8.46E-04	0.00E+00	0.00E+00	4.56E-13	8.83E-12	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.12E-04	3.62E-01	0.00E+00	3.98E-11	1.34E-09	2.13E-04	6.49E-07	4.84E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.63E-01	4.84E-04	0.00E+00	0.00E+00	0.00E+00	9.86E-05
MFN920	1.65E-04	2.59E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.70E-02	9.74E-09	7.71E-05	8.46E-04	0.00E+00	0.00E+00	4.56E-13	8.83E-12	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.12E-04	3.62E-01	0.00E+00	3.98E-11	1.34E-09	2.13E-04	6.49E-07	4.84E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.63E-01	4.84E-04	0.00E+00	0.00E+00	0.00E+00	9.86E-05
MFN925	1.73E-04	2.72E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.79E-02	1.02E-08	8.10E-05	8.88E-04	0.00E+00	0.00E+00	4.79E-13	9.27E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	9.57E-04	3.80E-01	0.00E+00	4.18E-11	1.40E-09	2.24E-04	6.82E-07	5.08E-04	0.00E+00	3.80E-01	1.07E-09	3.80E-01	3.81E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MFS701	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.82E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.66E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.21E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
MFS702	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.73E-09	6.12E-05	6.71E-04	0.00E+00	0.00E+00	3.62E-13	7.01E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.23E-04	2.87E-01	0.00E+00	3.16E-11	1.06E-09	1.69E-04	5.15E-07	3.84E-04	0.00E+00	2.87E-01	8.11E-10	2.87E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05
MFS706	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.46E-09	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.78E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.98E-07	3.70E-04	0.00E+00	2.78E-01	7.83E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MFS710	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MFS716	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.27E-09	5.75E-05	6.31E-04	0.00E+00	0.00E+00	3.40E-13	6.59E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.70E-01	0.00E+00	2.97E-11	9.98E-10	1.59E-04	4.84E-07	3.61E-04	0.00E+00	2.70E-01	7.63E-10	2.70E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-05
MFS720	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.78E-01	7.86E-10	2.78E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MFS725	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.97E-09	6.31E-05	6.92E-04	0.00E+00	0.00E+00	3.73E-13	7.22E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.46E-04	2.96E-01	0.00E+00	3.26E-11	1.09E-09	1.74E-04	5.31E-07	3.95E-04	0.00E+00	2.96E-01	8.36E-10	2.96E-01	2.97E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05
MFS732	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.83E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.67E-13	7.10E-12	5.09E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.33E-04	2.91E-01	0.00E+00	3.20E-11	1.08E-09	1.72E-04	5.22E-07	3.89E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.92E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-05
MHN506	1.20E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.11E-09	5.67E-05	6.21E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.66E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.68E-01	0.00E+00	2.95E-11	9.90E-10	1.57E-04	4.80E-07	3.58E-04	0.00E+00	2.68E-01	7.47E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
MHN506A	1.40E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.30E-02	9.90E-09	6.05E-05	6.77E-04	0.00E+00	0.00E+00	3.43E-13	6.74E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	9.53E-04	2.74E-01	0.00E+00	3.03E-11	1.11E-09	1.76E-04	6.98E-07	5.32E-04	0.00E+00	2.74E-01	1.23E-09	2.74E-01	2.75E-01	5.32E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MHN510	1.18E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.22E-02	7.01E-09	5.55E-05	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.35E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.61E-01	0.00E+00	2.86E-11	9.62E-10	1.53E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.35E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
MHN510A	1.20E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.20E-09	5.71E-05	6.24E-04	0.00E+00	0.00E+00	3.35E-13	6.53E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.80E-04	2.71E-01	0.00E+00	2.97E-11	9.85E-10	1.57E-04	4.85E-07	3.61E-04	0.00E+00	2.71E-01	7.55E-10	2.71E-01	2.72E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
MHN516	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MHN516A	1.43E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.28E-02	7.30E-09	7.49E-05	8.21E-04	0.00E+00	0.00E+00	3.37E-13	6.64E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.78E-04	2.70E-01	0.00E+00	2.98E-11	1.20E-09	2.13E-04	4.82E-07	3.60E-04	0.00E+00	2.70E-01	7.69E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
MHN520	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MHN520A	1.31E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.35E-05	6.95E-04	0.00E+00	0.00E+00	3.58E-13	6.93E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.11E-11	1.05E-09	1.72E-04	5.07E-07	3.77E-04	0.00E+00	2.82E-01	7.98E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
MHN525	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.08E-05	6.66E-04	0.00E+00	0.00E+00	3.60E-13	6.96E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.86E-01	0.00E+00	3.14E-11	1.05E-09	1.68E-04	5.12E-07	3.81E-04	0.00E+00	2.86E-01	8.06E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05
MHN525A	1.30E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.61E-09	6.08E-05	6.67E-04	0.00E+00	0.00E+00	3.62E-13	7.02E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.26E-04	2.89E-01	0.00E+00	3.18E-11	1.07E-09	1.68E-04	5.18E-07	3.86E-04	0.00E+00	2.89E-01	7.99E-10	2.89E-01	2.90E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
MHN532	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.38E-02	7.89E-09	6.25E-05	6.85E-04	0.00E+00	0.00E+00	3.70E-13	7.16E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.39E-04	2.94E-01	0.00E+00	3.23E-11	1.08E-09	1.73E-04	5.26E-07	3.92E-04	0.00E+00	2.94E-01	8.29E-10	2.94E-01	2.94E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-05
MHN532A	1.30E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.66E-09	6.11E-05	6.71E-04	0.00E+00	0.00E+00	3.60E-13	6.98E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.27E-04	2.89E-01	0.00E+00	3.17E-11	1.07E-09	1.69E-04	5.17E-07	3.85E-04	0.00E+00	2.89E-01	8.04E-10	2.89E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05
MHN706	1.34E-04	2.69E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.63E-02	1.61E-08	6.86E-05	7.24E-04	0.00E+00	0.00E+00	4.74E-13	1.12E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	1.29E-03	3.93E-01	0.00E+00	3.69E-11	1.13E-09	1.85E-04	9.11E-07	6.89E-04	0.00E+00	3.93E-01	1.86E-09	3.93E-01	4.06E-01	6.89E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05
MHN710	1.26E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.95E-02	1.91E-08	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.52E-13	6.82E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	7.65E-04	2.80E-01	0.00E+00	6.30E-11	1.03E-09	1.63E-04	5.90E-07	4.52E-04	0.00E+00	2.80E-01	1.99E-09	2.80E-01	2.81E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MHS506	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.40E-04	2.54E-01	0.00E+00	2.80E-11	9.38E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.54E-01	7.19E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
MHS510	1.39E-04	1.77E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.74E-09	7.19E-05	8.00E-04	0.00E+00	0.00E+00	3.11E-13	6.01E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.21E-04	2.48E-01	0.00E+00	2.74E-11	1.17E-09	2.09E-04	4.42E-07	3.29E-04	0.00E+00	2.48E-01	7.06E-10	2.48E-01	2.48E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
MHS516	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.83E-09	5.40E-05	5.93E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.39E-04	2.54E-01	0.00E+00	2.79E-11	9.37E-10	1.49E-04	4.55E-07	3.39E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
MHT706	1.35E-04	2.59E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.63E-02	1.02E-08	5.90E-05	6.47E-04	0.00E+00	0.00E+00	4.77E-13	9.73E-12	7.52E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	1.27E-03	3.93E-01	0.00E+00	3.57E-11	1.07E-09	1.71E-04	8.90E-07	6.59E-04	0.00E+00	3.93E-01	1.26E-09	3.93E-01	4.05E-01	6.59E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
MHT710	1.43E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.67E-09	6.14E-05	6.91E-04	0.00E+00	0.00E+00	3.61E-13	6.88E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.19E-04	2.85E-01	0.00E+00	3.12E-11	1.09E-09	1.72E-04	5.13E-07	3.81E-04	0.00E+00	2.85E-01	8.06E-10	2.85E-01	2.85E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MHT716	1.28E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.50E-02	1.02E-08	5.82E-05	6.43E-04	0.00E+00	0.00E+00	3.80E-13	7.54E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	1.00E-03	2.95E-01	0.00E+00	3.19E-11	1.04E-09	1.63E-04	7.36E-07	5.51E-04	0.00E+00	2.95E-01	1.26E-09	2.95E-01	2.94E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MHT720	1.45E-04	2.72E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.67E-02	1.57E-08	6.66E-05	7.21E-04	0.00E+00	0.00E+00	4.97E-13	1.12E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	1.30E-03	3.99E-01	0.00E+00	3.80E-11	1.18E-09	1.85E-04	9.30E-07	6.96E-04	0.00E+00	3.99E-01	1.82E-09	3.99E-01	4.10E-01	6.96E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05
MHT725	1.44E-04	2.73E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.69E-02	1.72E-08	6.57E-05	7.14E-04	0.00E+00	0.00E+00	5.01E-13	1.13E-11	7.69E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	1.30E-03	4.01E-01	0.00E+00	3.83E-11	1.17E-09	1.82E-04	9.40E-07	7.10E-04	0.00E+00	4.01E-01	1.92E-09	4.01E-01	4.12E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	9.73E-05
MHT732	1.43E-04	2.78E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.72E-02	1.73E-08	6.73E-05	7.33E-04	0.00E+00	0.00E+00	4.98E-13	1.12E-11	7.73E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	1.31E-03	4.04E-01	0.00E+00	3.88E-11	1.20E-09	1.86E-04	9.58E-07	7.07E-04	0.00E+00	4.04E-01	1.92E-09	4.04E-01	4.15E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	9.87E-05
MHT740	1.46E-04	2.82E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.73E-02	1.73E-08	6.92E-05	7.49E-04	0.00E+00	0.00E+00	5.08E-13	1.15E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	1.37E-03	4.06E-01	0.00E+00	3.91E-11	1.23E-09	1.90E-04	9.86E-07	7.42E-04	0.00E+00	4.06E-01	1.93E-09	4.06E-01	4.17E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	9.96E-05
MJ506J	1.55E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.28E-02	7.29E-09	7.04E-05	7.65E-04	0.00E+00	0.00E+00	3.38E-13	6.64E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.79E-04	2.69E-01	0.00E+00	2.98E-11	1.13E-09	2.00E-04	4.83E-07	3.60E-04	0.00E+00	2.69E-01	7.69E-10	2.69E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MJ510J	1.42E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.27E-02	7.22E-09	7.35E-05	8.06E-04	0.00E+00	0.00E+00	3.35E-13	6.56E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	1.22E-09	2.13E-04	4.81E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05
MJ516J	1.43E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	7.31E-05	7.98E-04	0.00E+00	0.00E+00	3.38E-13	6.68E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.78E-04	2.70E-01	0.00E+00	2.98E-11	1.20E-09	2.11E-04	4.83E-07	3.61E-04	0.00E+00	2.70E-01	7.74E-10	2.70E-01	2.70E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
MJ520J	1.35E-04	2.68E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.61E-02	1.57E-08	6.87E-05	7.30E-04	0.00E+00	0.00E+00	4.73E-13	1.10E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	1.29E-03	3.88E-01	0.00E+00	3.66E-11	1.12E-09	1.85E-04	9.01E-07	6.86E-04	0.00E+00	3.88E-01	1.81E-09	3.88E-01	4.02E-01	6.86E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05
MJ525J	1.36E-04	2.61E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.59E-02	1.01E-08	6.23E-05	6.80E-04	0.00E+00	0.00E+00	4.71E-13	9.65E-12	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	1.24E-03	3.86E-01	0.00E+00	3.52E-11	1.07E-09	1.76E-04	8.71E-07	6.45E-04	0.00E+00	3.86E-01	1.26E-09	3.86E-01	4.00E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05
MJ532J	1.37E-04	2.71E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.61E-02	1.72E-08	6.92E-05	7.37E-04	0.00E+00	0.00E+00	4.75E-13	1.10E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	1.30E-03	3.93E-01	0.00E+00	3.73E-11	1.14E-09	1.86E-04	9.30E-07	6.98E-04	0.00E+00	3.93E-01	1.93E-09	3.93E-01	4.06E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	9.24E-05
MJ540J	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.09E-05	6.68E-04	0.00E+00	0.00E+00	3.58E-13	6.94E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.22E-04	2.86E-01	0.00E+00	3.16E-11	1.06E-09	1.68E-04	5.11E-07	3.81E-04	0.00E+00	2.86E-01	8.01E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-05
MJ706P	8.73E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.12E-08	2.39E-04	2.51E-03	0.00E+00	0.00E+00	4.86E-13	1.07E-11	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.04E-03	4.25E-01	0.00E+00	4.26E-11	5.28E-09	6.60E-04	7.24E-07	5.44E-04	0.00E+00	4.25E-01	1.18E-09	4.25E-01	4.23E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MJ710P	7.58E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.11E-08	2.11E-04	2.21E-03	0.00E+00	0.00E+00	4.91E-13	1.06E-11	6.98E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.04E-03	4.23E-01	0.00E+00	4.31E-11	4.79E-09	5.68E-04	7.33E-07	5.40E-04	0.00E+00	4.23E-01	1.18E-09	4.23E-01	4.22E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MJ716P	7.60E-04	3.32E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.96E-02	1.30E-08	2.11E-04	2.22E-03	0.00E+00	0.00E+00	4.91E-13	1.08E-11	7.01E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	1.04E-03	4.26E-01	0.00E+00	4.33E-11	4.82E-09	5.70E-04	7.33E-07	5.48E-04	0.00E+00	4.26E-01	1.30E-09	4.26E-01	4.25E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MJ720P	7.68E-04	3.36E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.99E-02	1.16E-08	2.15E-04	2.25E-03	0.00E+00	0.00E+00	5.00E-13	1.11E-11	7.11E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.05E-03	4.31E-01	0.00E+00	4.34E-11	4.86E-09	5.78E-04	7.41E-07	5.48E-04	0.00E+00	4.31E-01	1.21E-09	4.31E-01	4.28E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MJ725P	8.68E-04	3.33E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.96E-02	1.15E-08	2.38E-04	2.51E-03	0.00E+00	0.00E+00	4.99E-13	1.11E-11	7.06E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	1.05E-03	4.28E-01	0.00E+00	4.29E-11	5.21E-09	6.54E-04	7.33E-07	5.50E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.28E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MJ732P	8.68E-04	3.37E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.03E-02	1.16E-08	2.31E-04	2.43E-03	0.00E+00	0.00E+00	5.04E-13	1.12E-11	7.17E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.05E-03	4.33E-01	0.00E+00	4.37E-11	5.16E-09	6.42E-04	7.43E-07	5.58E-04	0.00E+00	4.33E-01	1.22E-09	4.33E-01	4.33E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MJ740P	8.65E-04	3.35E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.99E-02	1.16E-08	2.38E-04	2.51E-03	0.00E+00	0.00E+00	5.01E-13	1.11E-11	7.08E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.05E-03	4.31E-01	0.00E+00	4.31E-11	5.21E-09	6.55E-04	7.33E-07	5.52E-04	0.00E+00	4.31E-01	1.22E-09	4.31E-01	4.30E-01	5.52E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MJN502	1.45E-04	2.77E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.73E-02	2.28E-08	6.96E-05	7.53E-04	0.00E+00	0.00E+00	4.68E-13	1.28E-11	7.82E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	1.63E-03	3.91E-01	0.00E+00	3.77E-11	1.31E-09	1.97E-04	1.39E-06	1.07E-03	0.00E+00	3.91E-01	2.36E-09	3.91E-01	4.08E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	9.75E-05
MJN502A	1.40E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	6.36E-05	7.07E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.06E-04	2.80E-01	0.00E+00	3.06E-11	1.13E-09	1.78E-04	5.04E-07	3.75E-04	0.00E+00	2.80E-01	7.94E-10	2.80E-01	2.80E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MJN504	1.12E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.28E-02	7.22E-09	5.29E-05	5.86E-04	0.00E+00	0.00E+00	3.41E-13	6.56E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.84E-04	2.74E-01	0.00E+00	3.00E-11	9.46E-10	1.45E-04	4.88E-07	3.63E-04	0.00E+00	2.74E-01	7.58E-10	2.74E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05
MJN504A	1.27E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.46E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.50E-13	6.80E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.77E-01	0.00E+00	3.02E-11	1.03E-09	1.64E-04	4.94E-07	3.69E-04	0.00E+00	2.77E-01	7.83E-10	2.77E-01	2.77E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
MJN506	1.20E-04	1.92E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.25E-02	7.12E-09	5.67E-05	6.21E-04	0.00E+00	0.00E+00	3.36E-13	6.48E-12	4.66E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.68E-01	0.00E+00	2.94E-11	9.89E-10	1.57E-04	4.80E-07	3.58E-04	0.00E+00	2.68E-01	7.48E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
MJN506A	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.78E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.83E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MJN510	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MJN510A	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MJN513A	1.42E-04	1.99E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.47E-02	9.95E-09	6.68E-05	7.48E-04	0.00E+00	0.00E+00	3.61E-13	7.42E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	9.54E-04	2.74E-01	0.00E+00	3.07E-11	1.11E-09	1.92E-04	6.94E-07	5.34E-04	0.00E+00	2.74E-01	1.25E-09	2.74E-01	2.74E-01	5.34E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-05
MJN516	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.16E-04	0.00E+00	0.00E+00	3.32E-13	6.43E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.64E-01	0.00E+00	2.90E-11	9.74E-10	1.55E-04	4.73E-07	3.52E-04	0.00E+00	2.64E-01	7.44E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05

MJN516A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MJN520	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MJN520A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MJN525	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.50E-09	5.93E-05	6.51E-04	0.00E+00	0.00E+00	3.51E-13	6.80E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	5.00E-07	3.72E-04	0.00E+00	2.79E-01	7.87E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MJN525A	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
MJN532	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.63E-13	7.03E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	8.14E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
MJN532A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.72E-09	6.11E-05	6.70E-04	0.00E+00	0.00E+00	3.62E-13	6.99E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.22E-04	2.87E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.14E-07	3.83E-04	0.00E+00	2.87E-01	8.10E-10	2.87E-01	2.87E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05
MJN540A	1.37E-04	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.61E-02	1.72E-08	6.95E-05	7.36E-04	0.00E+00	0.00E+00	4.75E-13	1.10E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	1.33E-03	3.91E-01	0.00E+00	3.74E-11	1.15E-09	1.86E-04	9.32E-07	7.12E-04	0.00E+00	3.91E-01	1.93E-09	3.91E-01	4.05E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-05
MJN702	1.37E-04	2.72E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.65E-02	1.57E-08	6.82E-05	7.34E-04	0.00E+00	0.00E+00	4.78E-13	1.13E-11	7.73E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.29E-03	3.97E-01	0.00E+00	3.76E-11	1.16E-09	1.91E-04	8.99E-07	6.83E-04	0.00E+00	3.97E-01	1.82E-09	3.97E-01	4.09E-01	6.83E-04	0.00E+00	0.00E+00	0.00E+00	9.28E-05
MJN706	1.36E-04	2.68E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.63E-02	1.57E-08	6.97E-05	7.39E-04	0.00E+00	0.00E+00	4.73E-13	1.12E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	1.29E-03	3.92E-01	0.00E+00	3.68E-11	1.15E-09	1.90E-04	9.01E-07	6.85E-04	0.00E+00	3.92E-01	1.82E-09	3.92E-01	4.06E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	9.08E-05
MJN706P	4.26E-04	3.22E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	1.94E-02	1.11E-08	1.22E-04	1.45E-03	0.00E+00	0.00E+00	4.94E-13	1.09E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.03E-03	4.12E-01	0.00E+00	4.23E-11	2.68E-09	3.66E-04	7.18E-07	5.44E-04	0.00E+00	4.12E-01	1.17E-09	4.12E-01	4.15E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MJN710	1.42E-04	2.67E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.03E-01	2.11E-08	6.83E-05	7.27E-04	0.00E+00	0.00E+00	4.72E-13	1.12E-11	7.69E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.28E-03	3.92E-01	0.00E+00	6.18E-11	1.19E-09	1.89E-04	8.91E-07	6.83E-04	0.00E+00	3.92E-01	2.28E-09	3.92E-01	4.05E-01	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MJN710P	3.99E-04	3.25E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	1.19E-04	1.43E-03	0.00E+00	0.00E+00	4.97E-13	1.09E-11	7.05E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.04E-03	4.18E-01	0.00E+00	4.23E-11	2.62E-09	3.55E-04	7.22E-07	5.43E-04	0.00E+00	4.18E-01	1.17E-09	4.18E-01	4.18E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MJN716	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.01E-01	1.85E-08	5.82E-05	6.54E-04	0.00E+00	0.00E+00	3.70E-13	7.49E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	9.83E-04	2.82E-01	0.00E+00	6.12E-11	1.03E-09	1.66E-04	7.07E-07	5.50E-04	0.00E+00	2.82E-01	2.13E-09	2.82E-01	2.82E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MJN716P	4.05E-04	3.26E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.91E-02	1.12E-08	1.19E-04	1.43E-03	0.00E+00	0.00E+00	4.94E-13	1.09E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.04E-03	4.19E-01	0.00E+00	4.22E-11	2.62E-09	3.55E-04	7.21E-07	5.44E-04	0.00E+00	4.19E-01	1.18E-09	4.19E-01	4.19E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MJN720	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.34E-02	9.98E-09	5.89E-05	6.60E-04	0.00E+00	0.00E+00	3.57E-13	6.88E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	9.52E-04	2.82E-01	0.00E+00	3.09E-11	1.02E-09	1.67E-04	7.00E-07	5.28E-04	0.00E+00	2.82E-01	1.24E-09	2.82E-01	2.83E-01	5.28E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MJN720P	4.00E-04	3.27E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.95E-02	1.13E-08	1.19E-04	1.43E-03	0.00E+00	0.00E+00	4.97E-13	1.10E-11	7.06E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	1.04E-03	4.19E-01	0.00E+00	4.25E-11	2.60E-09	3.55E-04	7.22E-07	5.45E-04	0.00E+00	4.19E-01	1.18E-09	4.19E-01	4.19E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MJN725	1.39E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.63E-02	1.57E-08	6.82E-05	7.31E-04	0.00E+00	0.00E+00	4.77E-13	1.10E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.28E-03	3.90E-01	0.00E+00	3.78E-11	1.16E-09	1.90E-04	9.03E-07	6.75E-04	0.00E+00	3.90E-01	1.80E-09	3.90E-01	4.03E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
MJN725P	4.31E-04	3.25E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	2.03E-02	1.35E-08	1.20E-04	1.42E-03	0.00E+00	0.00E+00	5.11E-13	1.13E-11	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.17E-03	4.14E-01	0.00E+00	4.28E-11	2.67E-09	3.64E-04	8.34E-07	6.30E-04	0.00E+00	4.14E-01	1.58E-09	4.14E-01	4.18E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MJN732	1.36E-04	2.68E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.62E-02	1.72E-08	6.72E-05	7.18E-04	0.00E+00	0.00E+00	4.78E-13	1.10E-11	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	1.32E-03	3.89E-01	0.00E+00	3.77E-11	1.15E-09	1.86E-04	9.24E-07	7.00E-04	0.00E+00	3.89E-01	1.93E-09	3.89E-01	4.02E-01	7.00E-04	0.00E+00	0.00E+00	0.00E+00	9.24E-05
MJN732P	4.34E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.97E-02	1.14E-08	1.25E-04	1.49E-03	0.00E+00	0.00E+00	5.04E-13	1.10E-11	7.08E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.05E-03	4.22E-01	0.00E+00	4.26E-11	2.74E-09	3.76E-04	7.24E-07	5.53E-04	0.00E+00	4.22E-01	1.20E-09	4.22E-01	4.25E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
MJN740	1.37E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.62E-02	1.72E-08	6.74E-05	7.25E-04	0.00E+00	0.00E+00	4.78E-13	1.11E-11	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	1.33E-03	3.89E-01	0.00E+00	3.77E-11	1.15E-09	1.86E-04	9.25E-07	7.07E-04	0.00E+00	3.89E-01	1.93E-09	3.89E-01	4.02E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-05
MJN740P	4.30E-04	3.27E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.97E-02	1.14E-08	1.25E-04	1.47E-03	0.00E+00	0.00E+00	5.03E-13	1.10E-11	7.01E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.04E-03	4.18E-01	0.00E+00	4.28E-11	2.73E-09	3.73E-04	7.23E-07	5.51E-04	0.00E+00	4.18E-01	1.19E-09	4.18E-01	4.22E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
MJS502	1.20E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.24E-02	7.12E-09	5.66E-05	6.19E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.72E-04	2.68E-01	0.00E+00	2.95E-11	9.88E-10	1.56E-04	4.80E-07	3.57E-04	0.00E+00	2.68E-01	7.47E-10	2.68E-01	2.68E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MJS504	1.40E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.87E-09	7.25E-05	7.92E-04	0.00E+00	0.00E+00	3.22E-13	6.21E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.43E-04	2.55E-01	0.00E+00	2.81E-11	1.18E-09	2.10E-04	4.58E-07	3.41E-04	0.00E+00	2.55E-01	7.21E-10	2.55E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
MJS506	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.54E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.56E-07	3.40E-04	0.00E+00	2.54E-01	7.19E-10	2.54E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MJS510	1.15E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.15E-02	6.73E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.08E-13	6.00E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.48E-01	0.00E+00	2.71E-11	9.28E-10	1.49E-04	4.43E-07	3.29E-04	0.00E+00	2.48E-01	7.06E-10	2.48E-01	2.48E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
MJS516	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.83E-09	5.40E-05	5.93E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.39E-04	2.54E-01	0.00E+00	2.79E-11	9.37E-10	1.49E-04	4.55E-07	3.39E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
MJT702	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.29E-09	6.56E-05	7.19E-04	0.00E+00	0.00E+00	3.88E-13	7.51E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.08E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.52E-07	4.11E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MJT706	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT710	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT716	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT720	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.52E-05	7.16E-04	0.00E+00	0.00E+00	3.86E-13	7.47E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.71E-04	3.07E-01	0.00E+00	3.37E-11	1.13E-09	1.81E-04	5.49E-07	4.09E-04	0.00E+00	3.07E-01	8.65E-10	3.07E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05
MJT725	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.44E-05	7.07E-04	0.00E+00	0.00E+00	3.81E-13	7.38E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.54E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05
MJT732	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.30E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.52E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.77E-04	3.09E-01	0.00E+00	3.39E-11	1.14E-09	1.82E-04	5.53E-07	4.12E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
MJT740	1.39E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.25E-09	6.53E-05	7.16E-04	0.00E+00	0.00E+00	3.87E-13	7.48E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.72E-04	3.07E-01	0.00E+00	3.37E-11	1.13E-09	1.81E-04	5.50E-07	4.09E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05
MKN506	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.44E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.48E-13	6.76E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.94E-07	3.68E-04	0.00E+00	2.76E-01	7.81E-10	2.76E-01	2.77E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MKN506A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MKN510	1.25E-04	1.96E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.29E-02	7.36E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.40E-13	6.61E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.87E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.62E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MKN510A	1.36E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	1.00E-08	6.34E-05	6.98E-04	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	9.50E-04	2.83E-01	0.00E+00	3.09E-11	1.11E-09	1.73E-04	6.96E-07	5.33E-04	0.00E+00	2.83E-01	1.24E-09	2.83E-01	2.84E-01	5.33E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MKN513	1.26E-04	1.97E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.30E-02	7.41E-09	5.92E-05	6.49E-04	0.00E+00	0.00E+00	3.44E-13	6.68E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.75E-01	0.00E+00	3.03E-11	1.03E-09	1.64E-04	4.93E-07	3.67E-04	0.00E+00	2.75E-01	7.78E-10	2.75E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MKN513A	1.30E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.50E-02	1.01E-08	6.10E-05	6.72E-04	0.00E+00	0.00E+00	3.74E-13	7.56E-12	5.75E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	9.63E-04	2.83E-01	0.00E+00	3.17E-11	1.03E-09	1.67E-04	7.01E-07	5.39E-04	0.00E+00	2.83E-01	1.26E-09	2.83E-01	2.84E-01	5.39E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MKN516	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MKN516A	1.30E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.51E-09	6.28E-05	6.88E-04	0.00E+00	0.00E+00	3.50E-13	6.79E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.07E-11	1.04E-09	1.69E-04	5.00E-07	3.71E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MKN520	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.56E-13	6.88E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.97E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MKN520A	1.37E-04	2.57E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.58E-02	1.01E-08	6.34E-05	6.90E-04	0.00E+00	0.00E+00	4.68E-13	9.55E-12	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	1.24E-03	3.85E-01	0.00E+00	3.49E-11	1.08E-09	1.79E-04	8.62E-07	6.45E-04	0.00E+00	3.85E-01	1.26E-09	3.85E-01	3.99E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05
MKN525	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.14E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.08E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
MKN525A	1.29E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.35E-02	1.00E-08	6.14E-05	6.76E-04	0.00E+00	0.00E+00	3.61E-13	7.01E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	9.62E-04	2.89E-01	0.00E+00	3.18E-11	1.04E-09	1.67E-04	7.12E-07	5.35E-04	0.00E+00	2.89E-01	1.24E-09	2.89E-01	2.90E-01	5.35E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05
MKN532	1.32E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.39E-05	7.00E-04	0.00E+00	0.00E+00	3.60E-13	6.94E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.85E-01	0.00E+00	3.12E-11	1.06E-09	1.73E-04	5.10E-07	3.81E-04	0.00E+00	2.85E-01	8.05E-10	2.85E-01	2.85E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
MKN532A	1.40E-04	2.60E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.59E-02	1.01E-08	6.42E-05	6.98E-04	0.00E+00	0.00E+00	4.70E-13	9.62E-12	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	1.26E-03	3.89E-01	0.00E+00	3.56E-11	1.10E-09	1.80E-04	8.80E-07	6.49E-04	0.00E+00	3.89E-01	1.26E-09	3.89E-01	4.02E-01	6.49E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-05
MKN540	1.29E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	1.01E-08	6.16E-05	6.79E-04	0.00E+00	0.00E+00	3.64E-13	7.05E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	9.81E-04	2.88E-01	0.00E+00	3.18E-11	1.04E-09	1.68E-04	7.24E-07	5.44E-04	0.00E+00	2.88E-01	1.25E-09	2.88E-01	2.89E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05
MKN598	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.59E-01	0.00E+00	6.14E-11	2.06E-09	3.29E-04	1.00E-06	7.46E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MKN599	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.98E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.40E-03	5.54E-01	0.00E+00	6.09E-11	2.05E-09	3.26E-04	9.94E-07	7.40E-04	0.00E+00	5.54E-01	1.56E-09	5.54E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MKS506	1.20E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.24E-02	7.12E-09	5.66E-05	6.19E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.73E-04	2.68E-01	0.00E+00	2.95E-11	9.88E-10	1.56E-04	4.80E-07	3.57E-04	0.00E+00	2.68E-01	7.48E-10	2.68E-01	2.68E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MKS510	1.20E-04	1.91E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.24E-02	7.12E-09	5.67E-05	6.22E-04	0.00E+00	0.00E+00	3.34E-13	6.46E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.70E-04	2.66E-01	0.00E+00	2.92E-11	9.88E-10	1.57E-04	4.78E-07	3.56E-04	0.00E+00	2.66E-01	7.47E-10	2.66E-01	2.67E-01	3.56E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05
MKS513	1.21E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.18E-09	5.68E-05	6.23E-04	0.00E+00	0.00E+00	3.36E-13	6.50E-12	4.67E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.73E-04	2.68E-01	0.00E+00	2.94E-11	9.92E-10	1.57E-04	4.80E-07	3.57E-04	0.00E+00	2.68E-01	7.52E-10	2.68E-01	2.68E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
MKS516	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MKS599	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.63E-02	1.50E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.07E-09	3.29E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
ML506J	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.57E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.55E-13	6.87E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.11E-11	1.04E-09	1.66E-04	5.05E-07	3.76E-04	0.00E+00	2.82E-01	7.94E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
ML510J	1.26E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.43E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.44E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.90E-04	2.74E-01	0.00E+00	3.00E-11	1.01E-09	1.62E-04	4.91E-07	3.66E-04	0.00E+00	2.74E-01	7.81E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-05
ML516J	1.27E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.48E-09	5.93E-05	6.51E-04	0.00E+00	0.00E+00	3.49E-13	6.75E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	4.99E-07	3.70E-04	0.00E+00	2.78E-01	7.85E-10	2.78E-01	2.79E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
ML520J	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.59E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.81E-01	0.00E+00	3.08E-11	1.04E-09	1.66E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.96E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
ML525J	1.30E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.61E-09	6.10E-05	6.69E-04	0.00E+00	0.00E+00	3.67E-13	7.11E-12	5.09E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.29E-04	2.91E-01	0.00E+00	3.20E-11	1.08E-09	1.69E-04	5.20E-07	3.89E-04	0.00E+00	2.91E-01	7.99E-10	2.91E-01	2.91E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-05
ML532J	1.37E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.36E-02	7.73E-09	6.44E-05	7.08E-04	0.00E+00	0.00E+00	3.61E-13	7.01E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.28E-04	2.90E-01	0.00E+00	3.18E-11	1.11E-09	1.78E-04	5.17E-07	3.86E-04	0.00E+00	2.90E-01	8.10E-10	2.90E-01	2.91E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-05
ML540J	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.33E-02	7.65E-09	6.10E-05	6.69E-04	0.00E+00	0.00E+00	3.60E-13	6.97E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.22E-04	2.85E-01	0.00E+00	3.16E-11	1.06E-09	1.69E-04	5.10E-07	3.81E-04	0.00E+00	2.85E-01	8.03E-10	2.85E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05
MLN502A	1.29E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.59E-13	6.96E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.24E-04	2.88E-01	0.00E+00	3.14E-11	1.05E-09	1.67E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	7.98E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05
MLN504A	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.51E-02	1.01E-08	5.92E-05	6.65E-04	0.00E+00	0.00E+00	3.76E-13	7.64E-12	5.77E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	9.77E-04	2.85E-01	0.00E+00	3.18E-11	1.03E-09	1.67E-04	7.12E-07	5.44E-04	0.00E+00	2.85E-01	1.27E-09	2.85E-01	2.85E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
MLN506	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.44E-09	5.89E-05	6.46E-04	0.00E+00	0.00E+00	3.48E-13	6.75E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.94E-07	3.68E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.77E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MLN506A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.57E-13	6.90E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.07E-07	3.78E-04	0.00E+00	2.83E-01	7.99E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLN510	1.55E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	6.65E-05	7.20E-04	0.00E+00	0.00E+00	3.42E-13	6.70E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.87E-04	2.73E-01	0.00E+00	3.01E-11	1.11E-09	1.86E-04	4.89E-07	3.65E-04	0.00E+00	2.73E-01	7.79E-10	2.73E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MLN510A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MLN513	1.27E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.44E-09	5.92E-05	6.49E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.93E-04	2.77E-01	0.00E+00	3.03E-11	1.03E-09	1.64E-04	4.95E-07	3.69E-04	0.00E+00	2.77E-01	7.82E-10	2.77E-01	2.77E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MLN513A	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.37E-02	7.87E-09	6.23E-05	6.84E-04	0.00E+00	0.00E+00	3.69E-13	7.14E-12	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.37E-04	2.93E-01	0.00E+00	3.22E-11	1.08E-09	1.72E-04	5.25E-07	3.91E-04	0.00E+00	2.93E-01	8.26E-10	2.93E-01	2.93E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
MLN516	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLN516A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLN520	1.30E-04	2.03E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.50E-02	1.01E-08	6.12E-05	6.74E-04	0.00E+00	0.00E+00	3.74E-13	7.53E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	9.70E-04	2.83E-01	0.00E+00	3.16E-11	1.03E-09	1.69E-04	7.07E-07	5.40E-04	0.00E+00	2.83E-01	1.27E-09	2.83E-01	2.83E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN520A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.76E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MLN525	1.29E-04	2.02E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.60E-09	6.03E-05	6.61E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.67E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.98E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
MLN525A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLN532	1.31E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.51E-02	1.02E-08	6.17E-05	6.80E-04	0.00E+00	0.00E+00	3.77E-13	7.57E-12	5.76E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	9.84E-04	2.85E-01	0.00E+00	3.18E-11	1.04E-09	1.70E-04	7.30E-07	5.47E-04	0.00E+00	2.85E-01	1.27E-09	2.85E-01	2.86E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLN532A	1.34E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.50E-02	8.14E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.77E-13	7.61E-12	5.76E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	9.76E-04	2.89E-01	0.00E+00	3.22E-11	1.05E-09	1.69E-04	7.19E-07	5.28E-04	0.00E+00	2.89E-01	1.01E-09	2.89E-01	2.91E-01	5.28E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05
MLN540	1.32E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.66E-09	6.38E-05	6.99E-04	0.00E+00	0.00E+00	3.58E-13	6.90E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.14E-04	2.83E-01	0.00E+00	3.11E-11	1.06E-09	1.73E-04	5.09E-07	3.79E-04	0.00E+00	2.83E-01	8.03E-10	2.83E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
MLN540A	1.38E-04	2.62E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.58E-02	1.01E-08	6.28E-05	6.84E-04	0.00E+00	0.00E+00	4.70E-13	9.63E-12	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	1.28E-03	3.88E-01	0.00E+00	3.55E-11	1.08E-09	1.76E-04	8.83E-07	6.65E-04	0.00E+00	3.88E-01	1.26E-09	3.88E-01	4.01E-01	6.65E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
MLN702	1.30E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.60E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.64E-13	7.05E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.89E-01	0.00E+00	3.17E-11	1.06E-09	1.68E-04	5.18E-07	3.86E-04	0.00E+00	2.89E-01	7.98E-10	2.89E-01	2.89E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
MLN702A	1.29E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.60E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.64E-13	7.05E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.89E-01	0.00E+00	3.17E-11	1.06E-09	1.68E-04	5.17E-07	3.86E-04	0.00E+00	2.89E-01	7.98E-10	2.89E-01	2.89E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05

MLN706	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	5.97E-05	6.55E-04	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	5.03E-07	3.74E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
MLN706A	1.30E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.49E-02	1.01E-08	6.10E-05	6.71E-04	0.00E+00	0.00E+00	3.71E-13	7.58E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	9.71E-04	2.81E-01	0.00E+00	3.15E-11	1.03E-09	1.67E-04	7.05E-07	5.41E-04	0.00E+00	2.81E-01	1.26E-09	2.81E-01	2.82E-01	5.41E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
MLN710	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	9.94E-02	2.02E-08	5.85E-05	6.42E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	7.58E-04	2.78E-01	0.00E+00	6.62E-11	1.02E-09	1.61E-04	5.87E-07	4.49E-04	0.00E+00	2.78E-01	2.17E-09	2.78E-01	2.78E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MLN710A	1.38E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.01E-01	1.98E-08	6.08E-05	6.81E-04	0.00E+00	0.00E+00	3.73E-13	7.59E-12	5.75E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	9.86E-04	2.84E-01	0.00E+00	6.49E-11	1.11E-09	1.74E-04	7.10E-07	5.53E-04	0.00E+00	2.84E-01	2.25E-09	2.84E-01	2.85E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
MLN716	1.26E-04	2.00E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.98E-02	1.91E-08	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.52E-13	6.80E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	7.65E-04	2.80E-01	0.00E+00	6.30E-11	1.03E-09	1.63E-04	5.90E-07	4.52E-04	0.00E+00	2.80E-01	1.99E-09	2.80E-01	2.81E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MLN716A	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.01E-01	1.85E-08	5.82E-05	6.54E-04	0.00E+00	0.00E+00	3.70E-13	7.49E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	9.83E-04	2.82E-01	0.00E+00	6.12E-11	1.03E-09	1.66E-04	7.07E-07	5.50E-04	0.00E+00	2.82E-01	2.13E-09	2.82E-01	2.82E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MLN720	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.60E-13	6.94E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.10E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	7.96E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN720A	1.36E-04	2.58E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.58E-02	1.00E-08	6.00E-05	6.66E-04	0.00E+00	0.00E+00	4.67E-13	9.56E-12	7.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	1.23E-03	3.84E-01	0.00E+00	3.47E-11	1.07E-09	1.76E-04	8.55E-07	6.32E-04	0.00E+00	3.84E-01	1.25E-09	3.84E-01	3.97E-01	6.32E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
MLN725	1.31E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.68E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.67E-13	7.06E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.33E-04	2.92E-01	0.00E+00	3.21E-11	1.07E-09	1.70E-04	5.22E-07	3.90E-04	0.00E+00	2.92E-01	8.07E-10	2.92E-01	2.92E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.94E-05
MLN725A	1.31E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.52E-02	1.02E-08	5.97E-05	6.70E-04	0.00E+00	0.00E+00	3.84E-13	7.69E-12	5.83E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	9.87E-04	2.93E-01	0.00E+00	3.27E-11	1.05E-09	1.70E-04	7.27E-07	5.44E-04	0.00E+00	2.93E-01	1.27E-09	2.93E-01	2.93E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
MLN732	1.31E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-02	7.70E-09	6.14E-05	6.74E-04	0.00E+00	0.00E+00	3.66E-13	7.03E-12	5.09E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.32E-04	2.90E-01	0.00E+00	3.18E-11	1.08E-09	1.70E-04	5.19E-07	3.89E-04	0.00E+00	2.90E-01	8.09E-10	2.90E-01	2.90E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-05
MLN732A	1.40E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.63E-02	1.57E-08	6.87E-05	7.40E-04	0.00E+00	0.00E+00	4.77E-13	1.10E-11	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	1.30E-03	3.90E-01	0.00E+00	3.77E-11	1.17E-09	1.92E-04	9.06E-07	6.85E-04	0.00E+00	3.90E-01	1.80E-09	3.90E-01	4.02E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	9.24E-05
MLN740A	1.44E-04	2.71E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.63E-02	1.57E-08	7.08E-05	7.60E-04	0.00E+00	0.00E+00	4.77E-13	1.11E-11	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.31E-03	3.92E-01	0.00E+00	3.78E-11	1.20E-09	1.96E-04	9.06E-07	6.92E-04	0.00E+00	3.92E-01	1.81E-09	3.92E-01	4.04E-01	6.92E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
MLS506	1.21E-04	1.92E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.19E-09	5.69E-05	6.21E-04	0.00E+00	0.00E+00	3.37E-13	6.52E-12	4.67E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.80E-04	2.70E-01	0.00E+00	2.98E-11	9.87E-10	1.58E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.55E-10	2.70E-01	2.71E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05
MLS510	1.40E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.15E-09	7.31E-05	7.90E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.66E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.75E-04	2.68E-01	0.00E+00	2.96E-11	1.23E-09	2.08E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.50E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-05
MLS513	1.21E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.18E-09	5.68E-05	6.24E-04	0.00E+00	0.00E+00	3.36E-13	6.49E-12	4.66E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.73E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.57E-04	4.80E-07	3.57E-04	0.00E+00	2.68E-01	7.52E-10	2.68E-01	2.69E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05
MLS516	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MLU502	1.30E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.50E-02	1.02E-08	5.92E-05	6.65E-04	0.00E+00	0.00E+00	3.77E-13	7.67E-12	5.80E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	9.86E-04	2.89E-01	0.00E+00	3.21E-11	1.03E-09	1.67E-04	7.17E-07	5.47E-04	0.00E+00	2.89E-01	1.27E-09	2.89E-01	2.89E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-05
MLU506	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.59E-13	6.95E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.17E-04	2.85E-01	0.00E+00	3.13E-11	1.05E-09	1.68E-04	5.11E-07	3.80E-04	0.00E+00	2.85E-01	8.05E-10	2.85E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05
MLU510	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MLU516	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLU520	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLU525	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLU532	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MLU540	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MMN200	4.01E-04	4.38E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	5.15E-02	1.65E-08	1.46E-04	1.63E-03	0.00E+00	0.00E+00	7.96E-13	1.48E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.60E-03	6.25E-01	0.00E+00	7.07E-11	2.64E-09	4.08E-04	1.13E-06	8.40E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.27E-01	8.40E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MMN201	4.39E-04	3.68E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.01E-01	1.56E-08	1.51E-04	1.76E-03	0.00E+00	0.00E+00	6.28E-13	1.18E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.14E-03	4.98E-01	0.00E+00	6.30E-11	2.81E-09	4.16E-04	8.02E-07	6.00E-04	0.00E+00	4.98E-01	1.61E-09	4.98E-01	4.88E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MMN202	4.79E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.62E-04	1.86E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.23E-01	0.00E+00	6.68E-11	3.03E-09	4.48E-04	8.01E-07	5.99E-04	0.00E+00	5.23E-01	1.47E-09	5.23E-01	5.09E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MMN203	3.95E-04	3.76E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.87E-02	1.54E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.47E-13	1.24E-11	8.49E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.04E-01	0.00E+00	6.18E-11	2.65E-09	4.18E-04	9.66E-07	7.22E-04	0.00E+00	5.04E-01	1.62E-09	5.04E-01	4.92E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MMN204	4.01E-04	4.40E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	3.11E-02	1.56E-08	1.51E-04	1.68E-03	0.00E+00	0.00E+00	7.44E-13	1.49E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.59E-03	6.22E-01	0.00E+00	6.88E-11	2.75E-09	4.21E-04	1.13E-06	8.36E-04	0.00E+00	6.22E-01	1.64E-09	6.22E-01	6.25E-01	8.36E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MMN206	3.98E-04	4.34E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	3.10E-02	1.63E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	7.69E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.58E-03	6.15E-01	0.00E+00	6.86E-11	2.73E-09	4.19E-04	1.12E-06	8.28E-04	0.00E+00	6.15E-01	1.71E-09	6.15E-01	6.18E-01	8.28E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MMN210	3.98E-04	4.34E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	3.09E-02	1.63E-08	1.46E-04	1.61E-03	0.00E+00	0.00E+00	7.70E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.59E-03	6.17E-01	0.00E+00	6.93E-11	2.68E-09	4.02E-04	1.13E-06	8.28E-04	0.00E+00	6.17E-01	1.71E-09	6.17E-01	6.19E-01	8.28E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MMN213	3.94E-04	4.34E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	3.07E-02	1.67E-08	1.42E-04	1.59E-03	0.00E+00	0.00E+00	7.69E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-06	1.59E-03	6.16E-01	0.00E+00	6.93E-11	2.61E-09	3.92E-04	1.13E-06	8.36E-04	0.00E+00	6.16E-01	1.76E-09	6.16E-01	6.18E-01	8.36E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MMN216	5.56E-04	4.88E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	3.06E-02	1.92E-08	1.81E-04	1.90E-03	0.00E+00	0.00E+00	7.92E-13	1.80E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.65E-03	7.21E-01	0.00E+00	7.12E-11	3.72E-09	4.93E-04	1.18E-06	8.83E-04	0.00E+00	7.21E-01	2.06E-09	7.21E-01	7.40E-01	8.83E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MMN220	3.97E-04	4.36E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	3.11E-02	1.65E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	7.70E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.59E-03	6.15E-01	0.00E+00	6.85E-11	2.73E-09	4.19E-04	1.13E-06	8.34E-04	0.00E+00	6.15E-01	1.72E-09	6.15E-01	6.18E-01	8.34E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MMN225	5.58E-04	4.88E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	3.07E-02	1.90E-08	1.87E-04	1.95E-03	0.00E+00	0.00E+00	7.86E-13	1.80E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.70E-03	7.38E-01	0.00E+00	7.25E-11	3.73E-09	5.02E-04	1.25E-06	9.28E-04	0.00E+00	7.38E-01	2.05E-09	7.38E-01	7.54E-01	9.28E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MMN232	4.45E-04	4.07E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.81E-02	1.36E-08	1.54E-04	1.79E-03	0.00E+00	0.00E+00	6.48E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.16E-03	5.22E-01	0.00E+00	6.44E-11	2.90E-09	4.23E-04	8.03E-07	6.03E-04	0.00E+00	5.22E-01	1.34E-09	5.22E-01	5.11E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MMN240	4.45E-04	4.07E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.81E-02	1.36E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.48E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.15E-03	5.21E-01	0.00E+00	6.44E-11	2.90E-09	4.23E-04	8.04E-07	6.00E-04	0.00E+00	5.21E-01	1.33E-09	5.21E-01	5.11E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
MMN250	4.42E-04	4.03E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.41E-13	1.22E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.16E-03	5.18E-01	0.00E+00	6.39E-11	2.87E-09	4.18E-04	8.03E-07	6.03E-04	0.00E+00	5.18E-01	1.33E-09	5.18E-01	5.07E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MMN263	4.42E-04	4.03E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.42E-13	1.22E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.16E-03	5.18E-01	0.00E+00	6.39E-11	2.87E-09	4.18E-04	8.04E-07	6.03E-04	0.00E+00	5.18E-01	1.33E-09	5.18E-01	5.07E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
MMN300	4.06E-04	6.56E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.02E-04	2.23E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.69E-11	3.27E-09	5.72E-04	1.52E-06	1.15E-03	0.00E+00	8.69E-01	2.11E-09	8.69E-01	8.72E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MMN301	4.13E-04	6.38E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	6.19E-02	1.89E-08	1.93E-04	2.16E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.11E-03	8.29E-01	0.00E+00	9.33E-11	3.19E-09	5.41E-04	1.46E-06	1.09E-03	0.00E+00	8.29E-01	1.97E-09	8.29E-01	8.39E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MMN302	4.06E-04	6.57E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.95E-08	2.02E-04	2.23E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.70E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.52E-06	1.15E-03	0.00E+00	8.70E-01	2.00E-09	8.70E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MMN303	3.82E-04	6.37E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	3.95E-02	1.87E-08	1.94E-04	2.15E-03	0.00E+00	0.00E+00	1.06E-12	2.02E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.28E-01	0.00E+00	9.33E-11	3.15E-09	5.51E-04	1.48E-06	1.11E-03	0.00E+00	8.28E-01	1.98E-09	8.28E-01	8.38E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MMN304	3.87E-04	6.06E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	4.01E-02	2.12E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.08E-12	2.04E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.15E-03	8.39E-01	0.00E+00	9.45E-11	3.20E-09	5.10E-04	1.51E-06	1.13E-03	0.00E+00	8.39E-01	2.23E-09	8.39E-01	8.44E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
MMN306	4.36E-04	7.04E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.31E-02	2.56E-08	2.16E-04	2.09E-03	0.00E+00	0.00E+00	1.18E-12	2.38E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.49E-03	9.17E-01	0.00E+00	1.02E-10	3.78E-09	5.17E-04	1.69E-06	1.28E-03	0.00E+00	9.17E-01	2.70E-09	9.17E-01	9.25E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MMN310	4.52E-04	7.18E-02	0.00E+00	7.26E-02	0.00E+00	0.00E+00	4.40E-02	2.64E-08	2.21E-04	2.15E-03	0.00E+00	0.00E+00	1.20E-12	2.41E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.52E-03	9.28E-01	0.00E+00	1.03E-10	3.90E-09	5.38E-04	1.73E-06	1.30E-03	0.00E+00	9.28E-01	2.80E-09	9.28E-01	9.40E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
MMN313	4.00E-04	6.17E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.08E-02	1.91E-08	1.86E-04	2.02E-03	0.00E+00	0.00E+00	1.10E-12	2.05E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.20E-03	8.68E-01	0.00E+00	9.66E-11	3.26E-09	5.22E-04	1.53E-06	1.14E-03	0.00E+00	8.68E-01	1.91E-09	8.68E-01	8.73E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MMN316	4.52E-04	7.19E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.40E-02	2.65E-08	2.21E-04	2.15E-03	0.00E+00	0.00E+00	1.19E-12	2.41E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06	2.52E-03	9.29E-01	0.00E+00	1.03E-10	3.90E-09	5.38E-04	1.72E-06	1.30E-03	0.00E+00	9.29E-01	2.80E-09	9.29E-01	9.41E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MMN320	4.66E-04	7.30E-02	0.00E+00	7.38E-02	0.00E+00	0.00E+00	4.43E-02	2.66E-08	2.29E-04	2.19E-03	0.00E+00	0.00E+00	1.21E-12	2.44E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.54E-03	9.38E-01	0.00E+00	1.03E-10	4.04E-09	5.54E-04	1.75E-06	1.31E-03	0.00E+00	9.38E-01	2.82E-09	9.38E-01	9.51E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
MMN325	4.71E-04	7.34E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.54E-02	2.69E-08	2.35E-04	2.23E-03	0.00E+00	0.00E+00	1.22E-12	2.45E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.56E-03	9.46E-01	0.00E+00	1.05E-10	4.06E-09	5.61E-04	1.75E-06	1.32E-03	0.00E+00	9.46E-01	2.84E-09	9.46E-01	9.56E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MMN332	4.70E-04	7.34E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	4.53E-02	2.70E-08	2.35E-04	2.23E-03	0.00E+00	0.00E+00	1.23E-12	2.45E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-06	2.56E-03	9.44E-01	0.00E+00	1.06E-10	4.07E-09	5.62E-04	1.76E-06	1.32E-03	0.00E+00	9.44E-01	2.87E-09	9.44E-01	9.56E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MMN340	4.70E-04	7.34E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	4.53E-02	2.70E-08	2.35E-04	2.24E-03	0.00E+00	0.00E+00	1.23E-12	2.45E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-06	2.55E-03	9.47E-01	0.00E+00	1.06E-10	4.06E-09	5.61E-04	1.73E-06	1.32E-03	0.00E+00	9.47E-01	2.87E-09	9.47E-01	9.56E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MMN350	4.70E-04	7.35E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.52E-02	2.72E-08	2.34E-04	2.22E-03	0.00E+00	0.00E+00	1.27E-12	2.45E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.57E-03	9.50E-01	0.00E+00	1.09E-10	4.06E-09	5.56E-04	1.78E-06	1.34E-03	0.00E+00	9.50E-01	2.89E-09	9.50E-01	9.69E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MMN363	4.71E-04	7.36E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.58E-02	2.72E-08	2.34E-04	2.22E-03	0.00E+00	0.00E+00	1.28E-12	2.45E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.61E-03	9.63E-01	0.00E+00	1.14E-10	4.07E-09	5.59E-04	1.84E-06	1.37E-03	0.00E+00	9.63E-01	2.90E-09	9.63E-01	9.79E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MMN400	5.16E-04	7.79E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.01E-02	2.19E-08	2.55E-04	2.83E-03	0.00E+00	0.00E+00	1.33E-12	2.49E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.45E-03	9.45E-01	0.00E+00	1.15E-10	4.23E-09	7.01E-04	1.73E-06	1.26E-03	0.00E+00	9.45E-01	2.27E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MMN401	5.28E-04	7.73E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.38E-01	0.00E+00	1.14E-10	4.17E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.38E-01	2.19E-09	9.38E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MMN402	5.25E-04	7.69E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	7.01E-02	2.10E-08	2.49E-04	2.78E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-06	2.41E-03	9.36E-01	0.00E+00	1.14E-10	4.15E-09	6.82E-04	1.69E-06	1.23E-03	0.00E+00	9.36E-01	2.19E-09	9.36E-01	9.46E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MMN403	5.03E-04	7.68E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	4.81E-02	2.20E-08	2.52E-04	2.80E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.44E-03	9.35E-01	0.00E+00	1.14E-10	4.19E-09	6.93E-04	1.72E-06	1.26E-03	0.00E+00	9.35E-01	2.28E-09	9.35E-01	9.46E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MMN404	5.36E-04	8.24E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.58E-02	3.28E-08	2.24E-04	2.58E-03	0.00E+00	0.00E+00	1.45E-12	3.07E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	3.43E-03	1.25E+00	0.00E+00	1.23E-10	4.14E-09	6.49E-04	2.66E-06	1.96E-03	0.00E+00	1.25E+00	3.61E-09	1.25E+00	1.26E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MMN406	5.14E-04	7.50E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.95E-02	2.47E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.33E-12	2.51E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.16E-10	4.21E-09	6.68E-04	1.73E-06	1.26E-03	0.00E+00	9.45E-01	2.59E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MMN410	5.14E-04	7.50E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.95E-02	2.50E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.33E-12	2.51E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.16E-10	4.20E-09	6.64E-04	1.73E-06	1.26E-03	0.00E+00	9.45E-01	2.63E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MMN413	5.14E-04	7.50E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.95E-02	2.47E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.33E-12	2.51E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.16E-10	4.20E-09	6.68E-04	1.73E-06	1.26E-03	0.00E+00	9.45E-01	2.59E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MMN416	5.23E-04	7.41E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.85E-02	2.06E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.31E-12	2.44E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.38E-01	0.00E+00	1.13E-10	4.09E-09	6.34E-04	1.68E-06	1.22E-03	0.00E+00	9.38E-01	2.05E-09	9.38E-01	9.49E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MMN420	5.15E-04	7.48E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.95E-02	2.10E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.33E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.43E-03	9.46E-01	0.00E+00	1.15E-10	4.15E-09	6.53E-04	1.73E-06	1.25E-03	0.00E+00	9.46E-01	2.23E-09	9.46E-01	9.56E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MMN425	5.28E-04	7.53E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.89E-02	2.06E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.33E-12	2.47E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-06	2.42E-03	9.45E-01	0.00E+00	1.14E-10	4.11E-09	6.39E-04	1.69E-06	1.23E-03	0.00E+00	9.45E-01	2.07E-09	9.45E-01	9.55E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MMN432	5.25E-04	7.77E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.03E-02	2.70E-08	2.51E-04	2.71E-03	0.00E+00	0.00E+00	1.36E-12	2.58E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.49E-03	9.69E-01	0.00E+00	1.18E-10	4.28E-09	6.80E-04	1.77E-06	1.29E-03	0.00E+00	9.69E-01	2.84E-09	9.69E-01	9.74E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MMN440	5.22E-04	7.68E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	4.99E-02	2.11E-08	2.43E-04	2.60E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-06	2.45E-03	9.53E-01	0.00E+00	1.15E-10	4.20E-09	6.60E-04	1.74E-06	1.26E-03	0.00E+00	9.53E-01	2.25E-09	9.53E-01	9.63E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MMN450	5.20E-04	7.77E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.03E-02	2.56E-08	2.50E-04	2.69E-03	0.00E+00	0.00E+00	1.36E-12	2.58E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.49E-03	9.68E-01	0.00E+00	1.18E-10	4.25E-09	6.74E-04	1.76E-06	1.29E-03	0.00E+00	9.68E-01	2.69E-09	9.68E-01	9.74E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MMN463	5.28E-04	7.78E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.04E-02	2.24E-08	2.43E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.55E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.49E-03	9.70E-01	0.00E+00	1.16E-10	4.24E-09	6.66E-04	1.76E-06	1.28E-03	0.00E+00	9.70E-01	2.33E-09	9.70E-01	9.76E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MN110P	7.73E-04	3.31E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	2.20E-04	2.33E-03	0.00E+00	0.00E+00	4.96E-13	1.10E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.04E-03	4.28E-01	0.00E+00	4.27E-11	4.84E-09	5.99E-04	7.33E-07	5.40E-04	0.00E+00	4.28E-01	1.20E-09	4.28E-01	4.26E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MN110V3	1.32E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.33E-02	7.92E-09	6.73E-05	7.38E-04	0.00E+00	0.00E+00	3.47E-13	7.45E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.17E-04	2.94E-01	0.00E+00	3.04E-11	1.23E-09	1.88E-04	5.06E-07	3.77E-04	0.00E+00	2.94E-01	8.35E-10	2.94E-01	2.99E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MN116P	7.70E-04	3.33E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.00E-02	1.15E-08	2.21E-04	2.32E-03	0.00E+00	0.00E+00	4.97E-13	1.11E-11	7.06E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.04E-03	4.30E-01	0.00E+00	4.35E-11	4.86E-09	6.01E-04	7.37E-07	5.43E-04	0.00E+00	4.30E-01	1.21E-09	4.30E-01	4.27E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MN116V3	1.32E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.33E-02	7.89E-09	6.73E-05	7.38E-04	0.00E+00	0.00E+00	3.47E-13	7.46E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.19E-04	2.95E-01	0.00E+00	3.05E-11	1.23E-09	1.88E-04	5.07E-07	3.78E-04	0.00E+00	2.95E-01	8.35E-10	2.95E-01	3.00E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
MN120P	7.70E-04	3.33E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.02E-02	1.16E-08	2.21E-04	2.32E-03	0.00E+00	0.00E+00	5.00E-13	1.11E-11	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.04E-03	4.30E-01	0.00E+00	4.36E-11	4.85E-09	6.01E-04	7.38E-07	5.43E-04	0.00E+00	4.30E-01	1.22E-09	4.30E-01	4.27E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MN120V	1.27E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.52E-02	8.30E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.77E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	7.12E-04	2.77E-01	0.00E+00	3.87E-11	1.02E-09	1.63E-04	5.05E-07	3.76E-04	0.00E+00	2.77E-01	9.07E-10	2.77E-01	2.78E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MN120V1	1.32E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.33E-02	7.90E-09	6.77E-05	7.41E-04	0.00E+00	0.00E+00	3.48E-13	7.51E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.22E-04	2.96E-01	0.00E+00	3.06E-11	1.19E-09	1.89E-04	5.11E-07	3.79E-04	0.00E+00	2.96E-01	8.38E-10	2.96E-01	3.02E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MN125P	8.67E-04	3.32E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.98E-02	1.15E-08	2.38E-04	2.50E-03	0.00E+00	0.00E+00	4.97E-13	1.11E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.04E-03	4.28E-01	0.00E+00	4.30E-11	5.16E-09	6.53E-04	7.31E-07	5.48E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.27E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MN125V1	1.32E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.33E-02	7.97E-09	6.81E-05	7.38E-04	0.00E+00	0.00E+00	3.48E-13	7.53E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.22E-04	2.96E-01	0.00E+00	3.06E-11	1.14E-09	1.85E-04	5.11E-07	3.79E-04	0.00E+00	2.96E-01	8.43E-10	2.96E-01	3.01E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MN132P	8.59E-04	3.34E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	2.04E-02	1.16E-08	2.37E-04	2.49E-03	0.00E+00	0.00E+00	5.05E-13	1.12E-11	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.05E-03	4.31E-01	0.00E+00	4.38E-11	5.15E-09	6.65E-04	7.40E-07	5.50E-04	0.00E+00	4.31E-01	1.23E-09	4.31E-01	4.31E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MN132Z	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.28E-09	6.52E-05	7.53E-04	0.00E+00	0.00E+00	3.87E-13	7.40E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.68E-04	3.06E-01	0.00E+00	3.39E-11	1.12E-09	1.82E-04	5.46E-07	4.08E-04	0.00E+00	3.06E-01	8.64E-10	3.06E-01	3.05E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MN140P	8.59E-04	3.33E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.99E-02	1.15E-08	2.38E-04	2.50E-03	0.00E+00	0.00E+00	5.02E-13	1.12E-11	7.06E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.04E-03	4.30E-01	0.00E+00	4.31E-11	5.18E-09	6.55E-04	7.32E-07	5.49E-04	0.00E+00	4.30E-01	1.22E-09	4.30E-01	4.29E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MN140Z	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	6.53E-05	7.54E-04	0.00E+00	0.00E+00	3.87E-13	7.45E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.40E-11	1.12E-09	1.82E-04	5.48E-07	4.09E-04	0.00E+00	3.06E-01	8.63E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MN150Z	1.64E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.68E-09	7.46E-05	7.95E-04	0.00E+00	0.00E+00	4.05E-13	7.79E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.13E-04	3.19E-01	0.00E+00	3.54E-11	1.27E-09	1.95E-04	5.77E-07	4.34E-04	0.00E+00	3.19E-01	9.12E-10	3.19E-01	3.19E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05
MN163Z	1.65E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.74E-09	7.54E-05	8.13E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.17E-04	3.21E-01	0.00E+00	3.55E-11	1.26E-09	1.96E-04	5.80E-07	4.37E-04	0.00E+00	3.21E-01	9.18E-10	3.21E-01	3.21E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05

MN206V	3.32E-04	3.81E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.40E-02	1.22E-08	1.22E-04	1.42E-03	0.00E+00	0.00E+00	5.78E-13	1.15E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	9.17E-04	4.88E-01	0.00E+00	5.82E-11	2.38E-09	3.32E-04	6.27E-07	4.83E-04	0.00E+00	4.88E-01	1.19E-09	4.88E-01	4.73E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MN210V	2.03E-03	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.50E-02	2.01E-08	4.80E-04	5.26E-03	0.00E+00	0.00E+00	8.70E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.79E-03	7.41E-01	0.00E+00	7.61E-11	1.07E-08	1.35E-03	1.24E-06	9.47E-04	0.00E+00	7.41E-01	2.09E-09	7.41E-01	7.41E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN210V33	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN216V	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.82E-04	5.28E-03	0.00E+00	0.00E+00	8.74E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.44E-01	0.00E+00	7.65E-11	1.08E-08	1.36E-03	1.25E-06	9.52E-04	0.00E+00	7.44E-01	2.10E-09	7.44E-01	7.45E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN216V33	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.28E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MN220V	2.06E-03	5.92E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.79E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.57E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MN220V33	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN225V	2.54E-04	4.01E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.78E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.60E-01	0.00E+00	6.15E-11	2.07E-09	3.30E-04	1.00E-06	7.47E-04	0.00E+00	5.60E-01	1.58E-09	5.60E-01	5.61E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MN225V1	2.55E-04	4.02E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.64E-02	1.51E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	7.08E-13	1.37E-11	9.81E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	1.41E-03	5.62E-01	0.00E+00	6.18E-11	2.08E-09	3.31E-04	1.01E-06	7.50E-04	0.00E+00	5.62E-01	1.59E-09	5.62E-01	5.63E-01	7.50E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MN225Z	3.33E-04	3.70E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.49E-02	1.23E-08	1.25E-04	1.45E-03	0.00E+00	0.00E+00	5.69E-13	1.13E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.21E-04	4.81E-01	0.00E+00	5.84E-11	2.35E-09	3.42E-04	6.14E-07	4.74E-04	0.00E+00	4.81E-01	1.31E-09	4.81E-01	4.66E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MN232V	2.79E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	7.73E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.54E-03	6.14E-01	0.00E+00	6.74E-11	2.27E-09	3.61E-04	1.10E-06	8.19E-04	0.00E+00	6.14E-01	1.73E-09	6.14E-01	6.15E-01	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MN232V1	2.77E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.11E-01	0.00E+00	6.72E-11	2.26E-09	3.60E-04	1.10E-06	8.16E-04	0.00E+00	6.11E-01	1.72E-09	6.11E-01	6.12E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MN232Z	2.74E-04	4.32E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-08	1.29E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.51E-03	6.03E-01	0.00E+00	6.57E-11	2.23E-09	3.56E-04	1.08E-06	8.05E-04	0.00E+00	6.03E-01	1.70E-09	6.03E-01	6.04E-01	8.05E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MN240V	2.79E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	7.73E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.54E-03	6.14E-01	0.00E+00	6.74E-11	2.27E-09	3.61E-04	1.10E-06	8.19E-04	0.00E+00	6.14E-01	1.73E-09	6.14E-01	6.15E-01	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MN240V1	2.77E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.11E-01	0.00E+00	6.72E-11	2.26E-09	3.60E-04	1.10E-06	8.16E-04	0.00E+00	6.11E-01	1.72E-09	6.11E-01	6.12E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MN250Z	3.74E-04	4.08E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.69E-02	1.36E-08	1.36E-04	1.53E-03	0.00E+00	0.00E+00	6.60E-13	1.26E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.06E-03	5.20E-01	0.00E+00	6.47E-11	2.60E-09	3.58E-04	7.43E-07	5.69E-04	0.00E+00	5.20E-01	1.35E-09	5.20E-01	5.05E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MN263Z	3.77E-04	4.13E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.69E-02	1.37E-08	1.37E-04	1.55E-03	0.00E+00	0.00E+00	6.65E-13	1.27E-11	8.13E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.06E-03	5.24E-01	0.00E+00	6.51E-11	2.62E-09	3.62E-04	7.45E-07	5.77E-04	0.00E+00	5.24E-01	1.35E-09	5.24E-01	5.08E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MN306Z	3.87E-04	5.55E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	3.44E-02	1.72E-08	1.68E-04	1.86E-03	0.00E+00	0.00E+00	9.84E-13	1.74E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.76E-03	7.80E-01	0.00E+00	8.23E-11	2.94E-09	4.62E-04	1.25E-06	9.25E-04	0.00E+00	7.80E-01	1.71E-09	7.80E-01	7.81E-01	9.25E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MN310Z	3.89E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.57E-02	1.72E-08	1.68E-04	1.87E-03	0.00E+00	0.00E+00	1.00E-12	1.76E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.77E-03	7.85E-01	0.00E+00	8.29E-11	2.95E-09	4.63E-04	1.26E-06	9.32E-04	0.00E+00	7.85E-01	1.78E-09	7.85E-01	7.86E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MN320Z	3.96E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.65E-02	1.77E-08	1.71E-04	1.89E-03	0.00E+00	0.00E+00	1.03E-12	1.83E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.85E-03	8.10E-01	0.00E+00	8.62E-11	2.99E-09	4.72E-04	1.31E-06	9.67E-04	0.00E+00	8.10E-01	1.85E-09	8.10E-01	8.10E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MN332Z	4.13E-04	6.54E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.48E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.30E-03	9.15E-01	0.00E+00	1.00E-10	3.37E-09	5.36E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.60E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MN340Z	4.01E-04	6.29E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	4.17E-02	1.93E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.11E-12	2.08E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.58E-06	2.21E-03	8.90E-01	0.00E+00	9.68E-11	3.16E-09	5.03E-04	1.58E-06	1.16E-03	0.00E+00	8.90E-01	2.07E-09	8.90E-01	8.90E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MN363Z	4.35E-04	6.86E-02	0.00E+00	6.87E-02	0.00E+00	0.00E+00	4.56E-02	2.05E-08	1.97E-04	2.15E-03	0.00E+00	0.00E+00	1.23E-12	2.29E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.41E-03	9.72E-01	0.00E+00	1.06E-10	3.48E-09	5.45E-04	1.71E-06	1.27E-03	0.00E+00	9.72E-01	2.19E-09	9.72E-01	9.71E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MN463Z	5.33E-04	8.48E-02	0.00E+00	8.46E-02	0.00E+00	0.00E+00	5.48E-02	3.01E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.47E-12	2.88E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.64E-03	1.04E+00	0.00E+00	1.25E-10	4.28E-09	7.00E-04	1.90E-06	1.39E-03	0.00E+00	1.04E+00	3.05E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MN506V	3.21E-04	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.40E-02	1.20E-08	1.17E-04	1.37E-03	0.00E+00	0.00E+00	5.67E-13	1.12E-11	7.56E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	9.13E-04	4.76E-01	0.00E+00	5.71E-11	2.28E-09	3.17E-04	6.10E-07	4.71E-04	0.00E+00	4.76E-01	1.29E-09	4.76E-01	4.62E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
MN510V	2.03E-03	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.50E-02	2.01E-08	4.80E-04	5.26E-03	0.00E+00	0.00E+00	8.70E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.79E-03	7.41E-01	0.00E+00	7.61E-11	1.07E-08	1.35E-03	1.24E-06	9.47E-04	0.00E+00	7.41E-01	2.09E-09	7.41E-01	7.41E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN510V7	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.28E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MN516V	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.82E-04	5.28E-03	0.00E+00	0.00E+00	8.74E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.44E-01	0.00E+00	7.65E-11	1.08E-08	1.36E-03	1.25E-06	9.52E-04	0.00E+00	7.44E-01	2.10E-09	7.44E-01	7.45E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN516V33	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MN520V	2.06E-03	5.92E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.79E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.57E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MN520V7	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN525V	2.36E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.55E-13	1.27E-11	9.08E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	1.31E-03	5.20E-01	0.00E+00	5.71E-11	1.92E-09	3.06E-04	9.32E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MN525V1	2.42E-04	3.81E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.50E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.71E-13	1.30E-11	9.30E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.33E-01	0.00E+00	5.85E-11	1.97E-09	3.14E-04	9.54E-07	7.11E-04	0.00E+00	5.33E-01	1.50E-09	5.33E-01	5.33E-01	7.11E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MN532V	2.75E-04	4.34E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.64E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.53E-03	6.06E-01	0.00E+00	6.66E-11	2.24E-09	3.57E-04	1.09E-06	8.09E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.07E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MN532V1	2.74E-04	4.32E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.52E-03	6.04E-01	0.00E+00	6.64E-11	2.23E-09	3.56E-04	1.08E-06	8.06E-04	0.00E+00	6.04E-01	1.70E-09	6.04E-01	6.05E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MN540V	2.75E-04	4.34E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.64E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.53E-03	6.06E-01	0.00E+00	6.66E-11	2.24E-09	3.57E-04	1.09E-06	8.09E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.07E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MN540V1	2.74E-04	4.32E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.52E-03	6.04E-01	0.00E+00	6.64E-11	2.23E-09	3.56E-04	1.08E-06	8.06E-04	0.00E+00	6.04E-01	1.70E-09	6.04E-01	6.05E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MN906V	1.08E-03	3.23E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.94E-02	1.10E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	4.78E-13	1.07E-11	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.01E-03	4.11E-01	0.00E+00	4.21E-11	5.61E-09	6.71E-04	7.02E-07	5.34E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MN910V	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.15E-04	0.00E+00	0.00E+00	3.32E-13	6.42E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.63E-04	2.64E-01	0.00E+00	2.90E-11	9.73E-10	1.55E-04	4.72E-07	3.52E-04	0.00E+00	2.64E-01	7.44E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05
MN916V	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.15E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.70E-04	2.66E-01	0.00E+00	2.92E-11	9.82E-10	1.57E-04	4.77E-07	3.55E-04	0.00E+00	2.66E-01	7.51E-10	2.66E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
MN920V	1.15E-03	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	4.91E-13	1.10E-11	6.84E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.01E-03	4.18E-01	0.00E+00	4.30E-11	6.06E-09	7.65E-04	7.01E-07	5.35E-04	0.00E+00	4.18E-01	1.18E-09	4.18E-01	4.19E-01	5.35E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MN925V	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.72E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.94E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MN932V	1.18E-03	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.04E-02	1.17E-08	2.79E-04	3.06E-03	0.00E+00	0.00E+00	5.06E-13	1.13E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.04E-03	4.31E-01	0.00E+00	4.43E-11	6.24E-09	7.88E-04	7.22E-07	5.51E-04	0.00E+00	4.31E-01	1.22E-09	4.31E-01	4.31E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MN940V	1.12E-03	3.30E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.95E-02	1.14E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	4.87E-13	1.10E-11	6.85E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.01E-03	4.18E-01	0.00E+00	4.27E-11	5.86E-09	7.25E-04	7.07E-07	5.36E-04	0.00E+00	4.18E-01	1.19E-09	4.18E-01	4.18E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MNN106P	4.22E-04	3.22E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	1.22E-04	1.43E-03	0.00E+00	0.00E+00	4.95E-13	1.09E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.04E-03	4.13E-01	0.00E+00	4.23E-11	2.69E-09	3.67E-04	7.18E-07	5.45E-04	0.00E+00	4.13E-01	1.17E-09	4.13E-01	4.15E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MNN110P	4.00E-04	3.24E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.99E-02	1.34E-08	1.17E-04	1.41E-03	0.00E+00	0.00E+00	5.07E-13	1.12E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.16E-03	4.17E-01	0.00E+00	4.20E-11	2.59E-09	3.50E-04	8.11E-07	6.20E-04	0.00E+00	4.17E-01	1.58E-09	4.17E-01	4.18E-01	6.20E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
MNN116P	3.96E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.91E-02	1.12E-08	1.16E-04	1.38E-03	0.00E+00	0.00E+00	4.94E-13	1.09E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.04E-03	4.20E-01	0.00E+00	4.22E-11	2.57E-09	3.47E-04	7.23E-07	5.47E-04	0.00E+00	4.20E-01	1.18E-09	4.20E-01	4.20E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MNN120P	3.96E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.91E-02	1.12E-08	1.16E-04	1.38E-03	0.00E+00	0.00E+00	4.94E-13	1.09E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.04E-03	4.20E-01	0.00E+00	4.22E-11	2.57E-09	3.47E-04	7.23E-07	5.47E-04	0.00E+00	4.20E-01	1.18E-09	4.20E-01	4.20E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MNN125P	4.25E-04	3.25E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.95E-02	1.13E-08	1.22E-04	1.44E-03	0.00E+00	0.00E+00	4.99E-13	1.09E-11	7.00E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.04E-03	4.15E-01	0.00E+00	4.25E-11	2.69E-09	3.69E-04	7.22E-07	5.49E-04	0.00E+00	4.15E-01	1.18E-09	4.15E-01	4.18E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MNN132P	4.34E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.97E-02	1.14E-08	1.25E-04	1.49E-03	0.00E+00	0.00E+00	5.04E-13	1.10E-11	7.08E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.05E-03	4.22E-01	0.00E+00	4.26E-11	2.74E-09	3.74E-04	7.24E-07	5.53E-04	0.00E+00	4.22E-01	1.20E-09	4.22E-01	4.25E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
MNN140P	4.30E-04	3.27E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.97E-02	1.14E-08	1.25E-04	1.47E-03	0.00E+00	0.00E+00	5.03E-13	1.10E-11	7.01E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.04E-03	4.18E-01	0.00E+00	4.28E-11	2.73E-09	3.73E-04	7.23E-07	5.51E-04	0.00E+00	4.18E-01	1.19E-09	4.18E-01	4.22E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
MNU106P	8.63E-04	3.30E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.99E-02	1.14E-08	2.36E-04	2.49E-03	0.00E+00	0.00E+00	4.96E-13	1.11E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	1.04E-03	4.27E-01	0.00E+00	4.29E-11	5.15E-09	6.51E-04	7.29E-07	5.43E-04	0.00E+00	4.27E-01	1.20E-09	4.27E-01	4.25E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MNU110P	7.69E-04	3.31E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	2.20E-04	2.32E-03	0.00E+00	0.00E+00	4.96E-13	1.10E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.04E-03	4.28E-01	0.00E+00	4.27E-11	4.84E-09	5.99E-04	7.33E-07	5.40E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.26E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MNU116P	7.70E-04	3.33E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	2.00E-02	1.15E-08	2.21E-04	2.32E-03	0.00E+00	0.00E+00	4.96E-13	1.10E-11	7.05E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.04E-03	4.29E-01	0.00E+00	4.27E-11	4.88E-09	6.01E-04	7.34E-07	5.42E-04	0.00E+00	4.29E-01	1.21E-09	4.29E-01	4.27E-01	5.42E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MNU120P	7.74E-04	3.33E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.02E-02	1.16E-08	2.21E-04	2.33E-03	0.00E+00	0.00E+00	5.00E-13	1.11E-11	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.04E-03	4.30E-01	0.00E+00	4.36E-11	4.85E-09	6.01E-04	7.38E-07	5.43E-04	0.00E+00	4.30E-01	1.22E-09	4.30E-01	4.27E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MNU125P	8.67E-04	3.32E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.98E-02	1.15E-08	2.38E-04	2.50E-03	0.00E+00	0.00E+00	4.97E-13	1.11E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.04E-03	4.28E-01	0.00E+00	4.30E-11	5.16E-09	6.53E-04	7.31E-07	5.48E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.27E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MNU132P	8.59E-04	3.34E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	2.04E-02	1.16E-08	2.37E-04	2.49E-03	0.00E+00	0.00E+00	5.03E-13	1.12E-11	7.12E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.05E-03	4.32E-01	0.00E+00	4.38E-11	5.15E-09	6.65E-04	7.40E-07	5.51E-04	0.00E+00	4.32E-01	1.23E-09	4.32E-01	4.31E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MNU140P	8.59E-04	3.33E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.99E-02	1.15E-08	2.38E-04	2.50E-03	0.00E+00	0.00E+00	5.02E-13	1.12E-11	7.06E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.04E-03	4.30E-01	0.00E+00	4.31E-11	5.18E-09	6.55E-04	7.32E-07	5.49E-04	0.00E+00	4.30E-01	1.22E-09	4.30E-01	4.29E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MNU216K	2.19E-03	6.02E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	3.73E-02	2.18E-08	5.14E-04	5.50E-03	0.00E+00	0.00E+00	9.25E-13	2.00E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.89E-03	6.68E-01	0.00E+00	8.26E-11	1.10E-08	1.41E-03	1.36E-06	1.03E-03	0.00E+00	6.68E-01	2.31E-09	6.68E-01	6.67E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MNU220K	1.61E-03	3.51E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.16E-02	1.35E-08	3.95E-04	4.31E-03	0.00E+00	0.00E+00	5.05E-13	1.12E-11	7.14E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.07E-03	4.47E-01	0.00E+00	4.48E-11	8.54E-09	1.10E-03	7.46E-07	5.68E-04	0.00E+00	4.47E-01	1.35E-09	4.47E-01	4.45E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MNU225K	1.63E-03	3.60E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.18E-02	1.38E-08	4.02E-04	4.39E-03	0.00E+00	0.00E+00	5.12E-13	1.14E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.08E-03	4.49E-01	0.00E+00	4.50E-11	8.71E-09	1.13E-03	7.48E-07	5.74E-04	0.00E+00	4.49E-01	1.37E-09	4.49E-01	4.49E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MNU232K	1.64E-03	3.60E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.19E-02	1.38E-08	4.05E-04	4.44E-03	0.00E+00	0.00E+00	5.14E-13	1.15E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.08E-03	4.49E-01	0.00E+00	4.53E-11	8.74E-09	1.13E-03	7.47E-07	5.74E-04	0.00E+00	4.49E-01	1.37E-09	4.49E-01	4.50E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MNU240K	2.65E-03	6.56E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.17E-02	2.47E-08	6.03E-04	6.60E-03	0.00E+00	0.00E+00	1.05E-12	2.11E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.08E-03	7.37E-01	0.00E+00	8.95E-11	1.35E-08	1.72E-03	1.44E-06	1.11E-03	0.00E+00	7.37E-01	2.52E-09	7.37E-01	7.31E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MNU250K	2.75E-03	6.55E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.24E-02	2.50E-08	5.95E-04	6.61E-03	0.00E+00	0.00E+00	1.11E-12	2.19E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-06	1.98E-03	7.27E-01	0.00E+00	9.10E-11	1.36E-08	1.70E-03	1.38E-06	1.07E-03	0.00E+00	7.27E-01	2.49E-09	7.27E-01	7.23E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MNU263K	1.64E-03	3.74E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.28E-02	1.40E-08	4.09E-04	4.66E-03	0.00E+00	0.00E+00	5.33E-13	1.20E-11	7.42E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.11E-03	4.65E-01	0.00E+00	4.66E-11	8.84E-09	1.17E-03	7.75E-07	5.93E-04	0.00E+00	4.65E-01	1.39E-09	4.65E-01	4.63E-01	5.93E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MP120E	1.32E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.37E-02	8.12E-09	6.77E-05	7.33E-04	0.00E+00	0.00E+00	3.56E-13	7.60E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	3.01E-01	0.00E+00	3.14E-11	1.15E-09	1.84E-04	5.18E-07	3.86E-04	0.00E+00	3.01E-01	8.57E-10	3.01E-01	3.08E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-05
MP215P	2.36E-04	3.57E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.46E-02	1.24E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	5.73E-13	1.11E-11	6.76E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	8.25E-04	4.64E-01	0.00E+00	6.11E-11	1.99E-09	3.02E-04	5.75E-07	4.38E-04	0.00E+00	4.64E-01	1.22E-09	4.64E-01	4.47E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MP220P	2.36E-04	3.58E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.47E-02	1.29E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	5.92E-13	1.12E-11	6.90E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	8.25E-04	4.65E-01	0.00E+00	6.12E-11	1.99E-09	3.03E-04	5.75E-07	4.38E-04	0.00E+00	4.65E-01	1.25E-09	4.65E-01	4.48E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MP225P	2.43E-04	3.58E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.47E-02	1.29E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	5.91E-13	1.12E-11	6.90E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	8.25E-04	4.65E-01	0.00E+00	6.12E-11	2.01E-09	3.11E-04	5.75E-07	4.38E-04	0.00E+00	4.65E-01	1.25E-09	4.65E-01	4.48E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MR106	1.32E-03	3.64E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.15E-02	1.21E-08	3.22E-04	3.50E-03	0.00E+00	0.00E+00	5.34E-13	1.17E-11	7.48E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.11E-03	4.59E-01	0.00E+00	4.63E-11	6.99E-09	8.66E-04	7.72E-07	5.79E-04	0.00E+00	4.59E-01	1.27E-09	4.59E-01	4.57E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MR110	1.31E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.08E-02	1.18E-08	3.16E-04	3.37E-03	0.00E+00	0.00E+00	5.13E-13	1.11E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.09E-03	4.53E-01	0.00E+00	4.63E-11	6.93E-09	8.67E-04	7.58E-07	5.66E-04	0.00E+00	4.53E-01	1.23E-09	4.53E-01	4.52E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MR116	1.31E-03	3.53E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.10E-02	1.20E-08	3.16E-04	3.38E-03	0.00E+00	0.00E+00	5.18E-13	1.13E-11	7.33E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.09E-03	4.52E-01	0.00E+00	4.58E-11	6.91E-09	8.68E-04	7.56E-07	5.67E-04	0.00E+00	4.52E-01	1.26E-09	4.52E-01	4.51E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MR120	1.29E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.13E-02	1.19E-08	3.14E-04	3.37E-03	0.00E+00	0.00E+00	5.18E-13	1.14E-11	7.32E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.09E-03	4.51E-01	0.00E+00	4.64E-11	6.88E-09	8.68E-04	7.55E-07	5.68E-04	0.00E+00	4.51E-01	1.26E-09	4.51E-01	4.50E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MR125	1.29E-03	3.61E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.14E-02	1.19E-08	3.14E-04	3.34E-03	0.00E+00	0.00E+00	5.23E-13	1.16E-11	7.36E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.10E-03	4.54E-01	0.00E+00	4.65E-11	6.87E-09	8.59E-04	7.64E-07	5.75E-04	0.00E+00	4.54E-01	1.26E-09	4.54E-01	4.54E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MR132	1.32E-03	3.66E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.16E-04	3.45E-03	0.00E+00	0.00E+00	5.39E-13	1.20E-11	7.55E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.12E-03	4.62E-01	0.00E+00	4.82E-11	6.93E-09	8.70E-04	7.72E-07	5.86E-04	0.00E+00	4.62E-01	1.29E-09	4.62E-01	4.61E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MR202	2.06E-04	4.56E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.14E-02	2.00E-08	1.34E-04	1.22E-03	0.00E+00	0.00E+00	7.97E-13	1.73E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-06	1.77E-03	7.52E-01	0.00E+00	7.05E-11	2.03E-09	2.99E-04	1.19E-06	9.25E-04	0.00E+00	7.52E-01	2.03E-09	7.52E-01	7.53E-01	9.25E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
MR210	1.91E-03	4.86E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	3.21E-02	1.48E-08	4.53E-04	4.95E-03	0.00E+00	0.00E+00	7.33E-13	1.39E-11	8.22E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.10E-03	5.44E-01	0.00E+00	6.45E-11	9.76E-09	1.23E-03	7.65E-07	5.82E-04	0.00E+00	5.44E-01	1.45E-09	5.44E-01	5.34E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MR216	1.92E-03	4.91E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	3.23E-02	1.51E-08	4.53E-04	4.97E-03	0.00E+00	0.00E+00	7.35E-13	1.41E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.10E-03	5.50E-01	0.00E+00	6.57E-11	9.78E-09	1.24E-03	7.63E-07	5.86E-04	0.00E+00	5.50E-01	1.48E-09	5.50E-01	5.41E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MR220	1.95E-03	4.92E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	3.32E-02	1.51E-08	4.53E-04	5.03E-03	0.00E+00	0.00E+00	7.37E-13	1.42E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.11E-03	5.53E-01	0.00E+00	6.59E-11	9.91E-09	1.26E-03	7.64E-07	5.89E-04	0.00E+00	5.53E-01	1.49E-09	5.53E-01	5.42E-01	5.89E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MR232	2.65E-03	6.52E-02	0.00E+00	6.58E-02	0.00E+00	0.00E+00	4.13E-02	2.43E-08	5.92E-04	6.53E-03	0.00E+00	0.00E+00	1.05E-12	2.11E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.04E-03	7.31E-01	0.00E+00	8.85E-11	1.33E-08	1.68E-03	1.41E-06	1.09E-03	0.00E+00	7.31E-01	2.49E-09	7.31E-01	7.25E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MR240	2.65E-03	6.55E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.16E-02	2.44E-08	5.99E-04	6.61E-03	0.00E+00	0.00E+00	1.05E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.07E-03	7.34E-01	0.00E+00	8.94E-11	1.35E-08	1.71E-03	1.45E-06	1.10E-03	0.00E+00	7.34E-01	2.48E-09	7.34E-01	7.28E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MR263	2.78E-03	6.61E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.22E-02	2.51E-08	6.06E-04	6.73E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	2.00E-03	7.29E-01	0.00E+00	9.19E-11	1.39E-08	1.73E-03	1.43E-06	1.10E-03	0.00E+00	7.29E-01	2.48E-09	7.29E-01	7.28E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
MR310	3.10E-03	7.43E-02	0.00E+00	7.45E-02	0.00E+00	0.00E+00	4.15E-02	2.07E-08	7.00E-04	7.73E-03	0.00E+00	0.00E+00	1.21E-12	2.36E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-06	1.97E-03	8.54E-01	0.00E+00	9.42E-11	1.58E-08	2.00E-03	1.47E-06	1.05E-03	0.00E+00	8.54E-01	2.16E-09	8.54E-01	8.63E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MR316	3.29E-03	7.52E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.26E-02	2.10E-08	7.34E-04	8.07E-03	0.00E+00	0.00E+00	1.23E-12	2.40E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	1.99E-03	8.61E-01	0.00E+00	9.46E-11	1.66E-08	2.09E-03	1.49E-06	1.06E-03	0.00E+00	8.61E-01	2.20E-09	8.61E-01	8.71E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MR320	3.31E-03	7.53E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.21E-02	1.99E-08	7.35E-04	8.09E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-06	1.87E-03	8.62E-01	0.00E+00	9.47E-11	1.68E-08	2.12E-03	1.39E-06	9.83E-04	0.00E+00	8.62E-01	1.99E-09	8.62E-01	8.72E-01	9.83E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-04

MR325	3.64E-03	8.50E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.44E-02	2.88E-08	8.37E-04	9.19E-03	0.00E+00	0.00E+00	1.35E-12	3.00E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.40E-03	9.57E-01	0.00E+00	1.16E-10	1.87E-08	2.39E-03	1.71E-06	1.27E-03	0.00E+00	9.57E-01	2.92E-09	9.57E-01	9.65E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
MR332	3.64E-03	8.64E-02	0.00E+00	8.67E-02	0.00E+00	0.00E+00	5.53E-02	2.23E-08	8.19E-04	9.06E-03	0.00E+00	0.00E+00	1.38E-12	2.94E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.43E-03	9.83E-01	0.00E+00	1.18E-10	1.85E-08	2.37E-03	1.69E-06	1.25E-03	0.00E+00	9.83E-01	2.22E-09	9.83E-01	9.82E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MR340	3.66E-03	8.67E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.52E-02	2.23E-08	8.24E-04	9.09E-03	0.00E+00	0.00E+00	1.38E-12	2.95E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.43E-03	9.84E-01	0.00E+00	1.18E-10	1.86E-08	2.37E-03	1.69E-06	1.25E-03	0.00E+00	9.84E-01	2.22E-09	9.84E-01	9.83E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MS110	1.31E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.09E-02	1.17E-08	3.19E-04	3.40E-03	0.00E+00	0.00E+00	5.13E-13	1.11E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.54E-01	0.00E+00	4.62E-11	6.91E-09	8.58E-04	7.62E-07	5.70E-04	0.00E+00	4.54E-01	1.21E-09	4.54E-01	4.53E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MS110X	1.31E-03	3.53E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.09E-02	1.17E-08	3.19E-04	3.40E-03	0.00E+00	0.00E+00	5.15E-13	1.11E-11	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.55E-01	0.00E+00	4.62E-11	6.91E-09	8.58E-04	7.63E-07	5.73E-04	0.00E+00	4.55E-01	1.21E-09	4.55E-01	4.53E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MS116X	1.33E-03	3.55E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.10E-02	1.19E-08	3.24E-04	3.43E-03	0.00E+00	0.00E+00	5.21E-13	1.14E-11	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.09E-03	4.57E-01	0.00E+00	4.58E-11	7.01E-09	8.74E-04	7.64E-07	5.74E-04	0.00E+00	4.57E-01	1.24E-09	4.57E-01	4.55E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MS120	1.31E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.11E-02	1.16E-08	3.22E-04	3.42E-03	0.00E+00	0.00E+00	5.13E-13	1.14E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.09E-03	4.53E-01	0.00E+00	4.69E-11	6.98E-09	8.73E-04	7.62E-07	5.68E-04	0.00E+00	4.53E-01	1.22E-09	4.53E-01	4.52E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MS120X	1.30E-03	3.52E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.11E-02	1.16E-08	3.20E-04	3.39E-03	0.00E+00	0.00E+00	5.14E-13	1.13E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.09E-03	4.54E-01	0.00E+00	4.69E-11	6.93E-09	8.68E-04	7.63E-07	5.71E-04	0.00E+00	4.54E-01	1.21E-09	4.54E-01	4.52E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MS125X	1.31E-03	3.63E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.18E-02	1.22E-08	3.18E-04	3.42E-03	0.00E+00	0.00E+00	5.36E-13	1.19E-11	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.11E-03	4.57E-01	0.00E+00	4.72E-11	6.98E-09	8.72E-04	7.70E-07	5.82E-04	0.00E+00	4.57E-01	1.28E-09	4.57E-01	4.56E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MS132X	1.31E-03	3.63E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.17E-02	1.23E-08	3.13E-04	3.41E-03	0.00E+00	0.00E+00	5.36E-13	1.19E-11	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.57E-01	0.00E+00	4.75E-11	6.85E-09	8.62E-04	7.70E-07	5.84E-04	0.00E+00	4.57E-01	1.28E-09	4.57E-01	4.58E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MS140X	1.31E-03	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.20E-02	1.23E-08	3.14E-04	3.41E-03	0.00E+00	0.00E+00	5.36E-13	1.19E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	1.12E-03	4.58E-01	0.00E+00	4.76E-11	6.85E-09	8.63E-04	7.70E-07	5.85E-04	0.00E+00	4.58E-01	1.28E-09	4.58E-01	4.59E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MS216X	2.43E-03	6.42E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	3.78E-02	1.92E-08	5.64E-04	6.17E-03	0.00E+00	0.00E+00	9.52E-13	2.04E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.94E-03	8.05E-01	0.00E+00	7.58E-11	1.26E-08	1.62E-03	1.34E-06	1.02E-03	0.00E+00	8.05E-01	2.03E-09	8.05E-01	8.18E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MS220X	2.22E-03	5.49E-02	0.00E+00	5.53E-02	0.00E+00	0.00E+00	3.40E-02	1.54E-08	5.14E-04	5.77E-03	0.00E+00	0.00E+00	7.51E-13	1.57E-11	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.11E-03	6.28E-01	0.00E+00	6.92E-11	1.18E-08	1.51E-03	7.64E-07	5.92E-04	0.00E+00	6.28E-01	1.55E-09	6.28E-01	6.05E-01	5.92E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MS232	2.70E-03	6.50E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.16E-02	2.42E-08	6.12E-04	6.72E-03	0.00E+00	0.00E+00	1.07E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	2.05E-03	7.38E-01	0.00E+00	8.95E-11	1.38E-08	1.73E-03	1.43E-06	1.08E-03	0.00E+00	7.38E-01	2.48E-09	7.38E-01	7.28E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MS240	2.65E-03	6.55E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.16E-02	2.47E-08	5.99E-04	6.61E-03	0.00E+00	0.00E+00	1.05E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.07E-03	7.34E-01	0.00E+00	8.94E-11	1.35E-08	1.71E-03	1.45E-06	1.11E-03	0.00E+00	7.34E-01	2.48E-09	7.34E-01	7.28E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MS263	2.78E-03	6.61E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.22E-02	2.54E-08	6.06E-04	6.73E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06	2.00E-03	7.29E-01	0.00E+00	9.18E-11	1.39E-08	1.73E-03	1.42E-06	1.10E-03	0.00E+00	7.29E-01	2.50E-09	7.29E-01	7.28E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
MS310	3.11E-03	7.50E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.16E-02	1.90E-08	7.07E-04	7.76E-03	0.00E+00	0.00E+00	1.22E-12	2.39E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-06	1.86E-03	8.56E-01	0.00E+00	9.41E-11	1.59E-08	2.00E-03	1.39E-06	9.79E-04	0.00E+00	8.56E-01	1.93E-09	8.56E-01	8.64E-01	9.79E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MS310X	3.17E-03	7.96E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	4.16E-02	1.92E-08	7.44E-04	8.22E-03	0.00E+00	0.00E+00	1.22E-12	2.40E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-06	1.88E-03	8.57E-01	0.00E+00	9.41E-11	1.66E-08	2.11E-03	1.41E-06	9.77E-04	0.00E+00	8.57E-01	1.96E-09	8.57E-01	8.66E-01	9.77E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MS316	3.30E-03	7.56E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	4.19E-02	1.92E-08	7.33E-04	8.06E-03	0.00E+00	0.00E+00	1.23E-12	2.40E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	1.87E-03	8.64E-01	0.00E+00	9.46E-11	1.67E-08	2.10E-03	1.40E-06	9.82E-04	0.00E+00	8.64E-01	1.95E-09	8.64E-01	8.72E-01	9.82E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MS316X	3.35E-03	8.03E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	4.19E-02	2.10E-08	7.69E-04	8.51E-03	0.00E+00	0.00E+00	1.24E-12	2.41E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	2.00E-03	8.65E-01	0.00E+00	9.46E-11	1.73E-08	2.19E-03	1.52E-06	1.06E-03	0.00E+00	8.65E-01	2.21E-09	8.65E-01	8.74E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MS320	3.33E-03	7.57E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.32E-02	2.16E-08	7.49E-04	8.17E-03	0.00E+00	0.00E+00	1.24E-12	2.42E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	1.99E-03	8.64E-01	0.00E+00	9.47E-11	1.70E-08	2.12E-03	1.49E-06	1.06E-03	0.00E+00	8.64E-01	2.18E-09	8.64E-01	8.73E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MS320X	3.37E-03	8.05E-02	0.00E+00	8.06E-02	0.00E+00	0.00E+00	4.23E-02	2.01E-08	7.79E-04	8.60E-03	0.00E+00	0.00E+00	1.24E-12	2.42E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	1.89E-03	8.65E-01	0.00E+00	9.47E-11	1.76E-08	2.21E-03	1.42E-06	9.83E-04	0.00E+00	8.65E-01	2.01E-09	8.65E-01	8.74E-01	9.83E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MS332	3.64E-03	8.64E-02	0.00E+00	8.67E-02	0.00E+00	0.00E+00	5.53E-02	2.23E-08	8.19E-04	9.06E-03	0.00E+00	0.00E+00	1.38E-12	2.94E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.43E-03	9.83E-01	0.00E+00	1.18E-10	1.85E-08	2.37E-03	1.69E-06	1.25E-03	0.00E+00	9.83E-01	2.22E-09	9.83E-01	9.82E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MS332X	3.67E-03	9.32E-02	0.00E+00	9.34E-02	0.00E+00	0.00E+00	5.58E-02	2.39E-08	8.48E-04	9.45E-03	0.00E+00	0.00E+00	1.40E-12	2.97E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.48E-03	9.84E-01	0.00E+00	1.18E-10	1.91E-08	2.43E-03	1.75E-06	1.28E-03	0.00E+00	9.84E-01	2.47E-09	9.84E-01	9.84E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MS340	3.66E-03	8.67E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.52E-02	2.23E-08	8.24E-04	9.09E-03	0.00E+00	0.00E+00	1.38E-12	2.95E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.43E-03	9.84E-01	0.00E+00	1.18E-10	1.86E-08	2.37E-03	1.69E-06	1.25E-03	0.00E+00	9.84E-01	2.22E-09	9.84E-01	9.83E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MS340X	3.69E-03	9.35E-02	0.00E+00	9.36E-02	0.00E+00	0.00E+00	5.57E-02	2.29E-08	8.54E-04	9.49E-03	0.00E+00	0.00E+00	1.40E-12	2.98E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.47E-03	9.85E-01	0.00E+00	1.18E-10	1.92E-08	2.43E-03	1.75E-06	1.28E-03	0.00E+00	9.85E-01	2.42E-09	9.85E-01	9.85E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MSN106	1.17E-03	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.02E-02	1.16E-08	2.77E-04	3.03E-03	0.00E+00	0.00E+00	5.02E-13	1.12E-11	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	1.03E-03	4.27E-01	0.00E+00	4.39E-11	6.18E-09	7.81E-04	7.16E-07	5.46E-04	0.00E+00	4.27E-01	1.21E-09	4.27E-01	4.28E-01	5.46E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MSN106QB	2.69E-04	2.26E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.51E-02	1.05E-08	1.61E-04	1.70E-03	0.00E+00	0.00E+00	3.61E-13	7.97E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	8.75E-04	3.19E-01	0.00E+00	3.18E-11	2.96E-09	3.54E-04	6.38E-07	4.51E-04	0.00E+00	3.19E-01	1.08E-09	3.19E-01	3.24E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05
MSN110	1.02E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.75E-02	1.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	4.35E-13	9.70E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.93E-04	3.70E-01	0.00E+00	3.81E-11	5.36E-09	6.77E-04	6.20E-07	4.73E-04	0.00E+00	3.70E-01	1.05E-09	3.70E-01	3.71E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.62E-05
MSN110QB	2.69E-04	2.26E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.51E-02	1.05E-08	1.61E-04	1.70E-03	0.00E+00	0.00E+00	3.61E-13	7.97E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	8.75E-04	3.19E-01	0.00E+00	3.18E-11	2.96E-09	3.54E-04	6.38E-07	4.51E-04	0.00E+00	3.19E-01	1.08E-09	3.19E-01	3.24E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05
MSN113	1.18E-03	3.54E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.08E-02	1.19E-08	2.22E-04	2.48E-03	0.00E+00	0.00E+00	5.24E-13	1.16E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.08E-03	4.46E-01	0.00E+00	4.36E-11	5.78E-09	6.43E-04	7.60E-07	5.67E-04	0.00E+00	4.46E-01	1.25E-09	4.46E-01	4.43E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
MSN116	1.02E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.75E-02	1.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	4.35E-13	9.70E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.93E-04	3.70E-01	0.00E+00	3.81E-11	5.36E-09	6.77E-04	6.20E-07	4.73E-04	0.00E+00	3.70E-01	1.05E-09	3.70E-01	3.71E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.62E-05
MSN120	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.80E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.02E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.27E-07	4.78E-04	0.00E+00	3.74E-01	1.06E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-05
MSN120QB	2.74E-04	2.25E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.50E-02	1.03E-08	1.61E-04	1.69E-03	0.00E+00	0.00E+00	3.57E-13	7.91E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	8.70E-04	3.20E-01	0.00E+00	3.20E-11	2.97E-09	3.55E-04	6.34E-07	4.48E-04	0.00E+00	3.20E-01	1.07E-09	3.20E-01	3.25E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MSN125	1.23E-03	3.53E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.11E-02	1.21E-08	2.89E-04	3.17E-03	0.00E+00	0.00E+00	5.24E-13	1.17E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.08E-03	4.46E-01	0.00E+00	4.59E-11	6.46E-09	8.16E-04	7.48E-07	5.71E-04	0.00E+00	4.46E-01	1.26E-09	4.46E-01	4.47E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MSN125QB	2.74E-04	2.25E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.50E-02	1.03E-08	1.61E-04	1.69E-03	0.00E+00	0.00E+00	3.57E-13	7.91E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	8.70E-04	3.20E-01	0.00E+00	3.20E-11	2.97E-09	3.55E-04	6.34E-07	4.48E-04	0.00E+00	3.20E-01	1.07E-09	3.20E-01	3.25E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MSN132	1.26E-03	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.16E-02	1.24E-08	2.96E-04	3.25E-03	0.00E+00	0.00E+00	5.37E-13	1.20E-11	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.10E-03	4.57E-01	0.00E+00	4.70E-11	6.62E-09	8.36E-04	7.67E-07	5.85E-04	0.00E+00	4.57E-01	1.29E-09	4.57E-01	4.58E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MSN132QB	2.79E-04	2.37E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.60E-02	1.09E-08	1.61E-04	1.69E-03	0.00E+00	0.00E+00	3.92E-13	8.42E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	9.19E-04	3.33E-01	0.00E+00	3.40E-11	2.95E-09	3.53E-04	6.67E-07	4.75E-04	0.00E+00	3.33E-01	1.14E-09	3.33E-01	3.38E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
MSN140	1.25E-03	3.61E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.15E-02	1.24E-08	2.96E-04	3.24E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.10E-03	4.56E-01	0.00E+00	4.69E-11	6.60E-09	8.34E-04	7.65E-07	5.83E-04	0.00E+00	4.56E-01	1.29E-09	4.56E-01	4.57E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MSN140QB	2.92E-04	2.37E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.59E-02	1.09E-08	1.67E-04	1.72E-03	0.00E+00	0.00E+00	3.91E-13	8.42E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	9.18E-04	3.33E-01	0.00E+00	3.41E-11	2.95E-09	3.54E-04	6.66E-07	4.74E-04	0.00E+00	3.33E-01	1.13E-09	3.33E-01	3.38E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
MSN140R	1.32E-03	3.65E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.17E-02	1.23E-08	3.18E-04	3.36E-03	0.00E+00	0.00E+00	5.39E-13	1.20E-11	7.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.12E-03	4.60E-01	0.00E+00	4.73E-11	6.89E-09	8.77E-04	7.70E-07	5.88E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.61E-01	5.88E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MSN150	1.38E-03	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.38E-02	1.37E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	5.91E-13	1.32E-11	8.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	5.03E-01	0.00E+00	5.18E-11	7.29E-09	9.20E-04	8.44E-07	6.44E-04	0.00E+00	5.03E-01	1.42E-09	5.03E-01	5.04E-01	6.44E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MSN163	1.33E-03	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.29E-02	1.32E-08	3.15E-04	3.45E-03	0.00E+00	0.00E+00	5.70E-13	1.27E-11	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.17E-03	4.86E-01	0.00E+00	4.99E-11	7.03E-09	8.87E-04	8.14E-07	6.21E-04	0.00E+00	4.86E-01	1.37E-09	4.86E-01	4.86E-01	6.21E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MSN163R	1.33E-03	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.29E-02	1.32E-08	3.14E-04	3.44E-03	0.00E+00	0.00E+00	5.69E-13	1.27E-11	7.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	1.17E-03	4.84E-01	0.00E+00	4.98E-11	7.01E-09	8.85E-04	8.12E-07	6.19E-04	0.00E+00	4.84E-01	1.37E-09	4.84E-01	4.85E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MSN206	2.47E-03	7.12E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.25E-02	2.45E-08	5.84E-04	6.39E-03	0.00E+00	0.00E+00	1.06E-12	2.36E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	2.17E-03	9.00E-01	0.00E+00	9.26E-11	1.30E-08	1.65E-03	1.51E-06	1.15E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.02E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MSN210	2.03E-03	5.85E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	3.49E-02	2.01E-08	4.79E-04	5.25E-03	0.00E+00	0.00E+00	8.69E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.78E-03	7.40E-01	0.00E+00	7.60E-11	1.07E-08	1.35E-03	1.24E-06	9.46E-04	0.00E+00	7.40E-01	2.09E-09	7.40E-01	7.41E-01	9.46E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MSN216	2.03E-03	5.85E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	3.49E-02	2.01E-08	4.79E-04	5.25E-03	0.00E+00	0.00E+00	8.69E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.78E-03	7.40E-01	0.00E+00	7.60E-11	1.07E-08	1.35E-03	1.24E-06	9.46E-04	0.00E+00	7.40E-01	2.09E-09	7.40E-01	7.41E-01	9.46E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MSN220	2.53E-03	7.27E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	4.34E-02	2.50E-08	5.96E-04	6.53E-03	0.00E+00	0.00E+00	1.08E-12	2.41E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.22E-03	9.20E-01	0.00E+00	9.45E-11	1.33E-08	1.68E-03	1.54E-06	1.18E-03	0.00E+00	9.20E-01	2.60E-09	9.20E-01	9.21E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
MSN225	2.47E-03	7.12E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.25E-02	2.45E-08	5.84E-04	6.39E-03	0.00E+00	0.00E+00	1.06E-12	2.36E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	2.17E-03	9.00E-01	0.00E+00	9.26E-11	1.30E-08	1.65E-03	1.51E-06	1.15E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.02E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MSN232	2.60E-03	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.47E-02	2.57E-08	6.13E-04	6.72E-03	0.00E+00	0.00E+00	1.11E-12	2.48E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.46E-01	0.00E+00	9.73E-11	1.37E-08	1.73E-03	1.59E-06	1.21E-03	0.00E+00	9.46E-01	2.67E-09	9.46E-01	9.47E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MSN240	2.60E-03	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.47E-02	2.57E-08	6.13E-04	6.72E-03	0.00E+00	0.00E+00	1.11E-12	2.48E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.46E-01	0.00E+00	9.73E-11	1.37E-08	1.73E-03	1.59E-06	1.21E-03	0.00E+00	9.46E-01	2.67E-09	9.46E-01	9.47E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MSN250	2.75E-03	7.91E-02	0.00E+00	7.91E-02	0.00E+00	0.00E+00	4.72E-02	2.72E-08	6.48E-04	7.09E-03	0.00E+00	0.00E+00	1.17E-12	2.62E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.41E-03	9.99E-01	0.00E+00	1.03E-10	1.45E-08	1.83E-03	1.68E-06	1.28E-03	0.00E+00	9.99E-01	2.82E-09	9.99E-01	1.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MSN263	2.77E-03	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	4.76E-02	2.74E-08	6.53E-04	7.15E-03	0.00E+00	0.00E+00	1.18E-12	2.64E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-06	2.43E-03	1.01E+00	0.00E+00	1.04E-10	1.46E-08	1.84E-03	1.69E-06	1.29E-03	0.00E+00	1.01E+00	2.84E-09	1.01E+00	1.01E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MSN263R	2.67E-03	7.70E-02	0.00E+00	7.70E-02	0.00E+00	0.00E+00	4.59E-02	2.65E-08	6.31E-04	6.91E-03	0.00E+00	0.00E+00	1.14E-12	2.55E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.35E-03	9.73E-01	0.00E+00	1.00E-10	1.41E-08	1.78E-03	1.63E-06	1.24E-03	0.00E+00	9.73E-01	2.75E-09	9.73E-01	9.74E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MSN306	3.55E-03	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.11E-02	3.52E-08	8.38E-04	9.18E-03	0.00E+00	0.00E+00	1.52E-12	3.39E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-06	3.12E-03	1.29E+00	0.00E+00	1.33E-10	1.87E-08	2.36E-03	2.17E-06	1.65E-03	0.00E+00	1.29E+00	3.65E-09	1.29E+00	1.30E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MSN306QB	3.40E-04	7.12E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.37E-02	2.91E-08	1.89E-04	1.78E-03	0.00E+00	0.00E+00	1.19E-12	2.45E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.53E-03	9.25E-01	0.00E+00	1.02E-10	3.33E-09	4.61E-04	1.72E-06	1.30E-03	0.00E+00	9.25E-01	3.05E-09	9.25E-01	9.35E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MSN310	3.08E-03	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.29E-02	3.05E-08	7.26E-04	7.96E-03	0.00E+00	0.00E+00	1.32E-12	2.94E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.70E-03	1.12E+00	0.00E+00	1.15E-10	1.62E-08	2.05E-03	1.88E-06	1.43E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.12E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MSN310QB	3.40E-04	7.12E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.37E-02	2.91E-08	1.89E-04	1.78E-03	0.00E+00	0.00E+00	1.19E-12	2.45E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.53E-03	9.25E-01	0.00E+00	1.02E-10	3.33E-09	4.61E-04	1.72E-06	1.30E-03	0.00E+00	9.25E-01	3.05E-09	9.25E-01	9.35E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MSN316	3.08E-03	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.29E-02	3.05E-08	7.26E-04	7.96E-03	0.00E+00	0.00E+00	1.32E-12	2.94E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.70E-03	1.12E+00	0.00E+00	1.15E-10	1.62E-08	2.05E-03	1.88E-06	1.43E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.12E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MSN320	3.83E-03	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.58E-02	3.79E-08	9.03E-04	9.88E-03	0.00E+00	0.00E+00	1.64E-12	3.65E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-06	3.36E-03	1.39E+00	0.00E+00	1.43E-10	2.02E-08	2.54E-03	2.33E-06	1.78E-03	0.00E+00	1.39E+00	3.93E-09	1.39E+00	1.39E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.62E-04
MSN325	3.68E-03	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.32E-02	3.64E-08	8.68E-04	9.51E-03	0.00E+00	0.00E+00	1.57E-12	3.51E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-06	3.23E-03	1.34E+00	0.00E+00	1.38E-10	1.94E-08	2.45E-03	2.24E-06	1.71E-03	0.00E+00	1.34E+00	3.78E-09	1.34E+00	1.34E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MSN325QB	3.46E-04	6.89E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.25E-02	2.85E-08	1.98E-04	1.84E-03	0.00E+00	0.00E+00	1.14E-12	2.26E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06	2.25E-03	8.71E-01	0.00E+00	9.86E-11	3.43E-09	4.67E-04	1.59E-06	1.17E-03	0.00E+00	8.71E-01	2.90E-09	8.71E-01	8.79E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MSN332	3.74E-03	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	6.43E-02	3.70E-08	8.83E-04	9.67E-03	0.00E+00	0.00E+00	1.60E-12	3.57E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-06	3.29E-03	1.36E+00	0.00E+00	1.40E-10	1.97E-08	2.49E-03	2.28E-06	1.74E-03	0.00E+00	1.36E+00	3.85E-09	1.36E+00	1.36E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MSN332QB	3.40E-04	6.88E-02	0.00E+00	6.94E-02	0.00E+00	0.00E+00	4.24E-02	2.44E-08	1.83E-04	1.73E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	2.26E-03	8.82E-01	0.00E+00	9.80E-11	3.26E-09	4.46E-04	1.59E-06	1.15E-03	0.00E+00	8.82E-01	2.54E-09	8.82E-01	8.85E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MSN332R	3.80E-03	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.93E-02	4.30E-08	8.99E-04	9.89E-03	0.00E+00	0.00E+00	1.64E-12	3.90E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-06	5.78E-03	1.49E+00	0.00E+00	1.45E-10	2.00E-08	2.53E-03	4.39E-06	3.45E-03	0.00E+00	1.49E+00	4.53E-09	1.49E+00	1.48E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04
MSN340	3.76E-03	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	6.47E-02	3.72E-08	8.88E-04	9.72E-03	0.00E+00	0.00E+00	1.61E-12	3.59E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-06	3.30E-03	1.37E+00	0.00E+00	1.41E-10	1.98E-08	2.50E-03	2.30E-06	1.75E-03	0.00E+00	1.37E+00	3.87E-09	1.37E+00	1.37E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04
MSN340QB	3.38E-04	6.88E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.24E-02	2.40E-08	1.82E-04	1.71E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	2.24E-03	8.83E-01	0.00E+00	9.81E-11	3.26E-09	4.47E-04	1.54E-06	1.12E-03	0.00E+00	8.83E-01	2.37E-09	8.83E-01	8.85E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MSN340R	3.79E-03	9.62E-02	0.00E+00	9.65E-02	0.00E+00	0.00E+00	5.69E-02	3.10E-08	8.93E-04	9.82E-03	0.00E+00	0.00E+00	1.44E-12	3.18E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06	2.58E-03	1.03E+00	0.00E+00	1.23E-10	2.00E-08	2.53E-03	1.84E-06	1.34E-03	0.00E+00	1.03E+00	3.20E-09	1.03E+00	1.03E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MSN350	4.14E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.12E-02	4.10E-08	9.77E-04	1.07E-02	0.00E+00	0.00E+00	1.77E-12	3.95E-11	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-06	3.63E-03	1.51E+00	0.00E+00	1.55E-10	2.18E-08	2.75E-03	2.53E-06	1.93E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04
MSN363	3.98E-03	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	6.83E-02	3.94E-08	9.38E-04	1.03E-02	0.00E+00	0.00E+00	1.70E-12	3.79E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06	3.49E-03	1.45E+00	0.00E+00	1.49E-10	2.09E-08	2.64E-03	2.43E-06	1.85E-03	0.00E+00	1.45E+00	4.09E-09	1.45E+00	1.45E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
MSN363R	3.97E-03	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	6.83E-02	3.93E-08	9.37E-04	1.03E-02	0.00E+00	0.00E+00	1.70E-12	3.79E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-06	3.49E-03	1.45E+00	0.00E+00	1.49E-10	2.09E-08	2.64E-03	2.42E-06	1.85E-03	0.00E+00	1.45E+00	4.08E-09	1.45E+00	1.45E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
MSN463R	4.03E-03	1.12E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.60E-02	3.74E-08	9.41E-04	1.03E-02	0.00E+00	0.00E+00	1.61E-12	3.67E-11	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-06	3.37E-03	1.40E+00	0.00E+00	1.47E-10	2.12E-08	2.66E-03	2.33E-06	1.79E-03	0.00E+00	1.40E+00	3.82E-09	1.40E+00	1.40E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
MT106A	1.32E-03	3.62E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.11E-02	1.21E-08	3.23E-04	3.49E-03	0.00E+00	0.00E+00	5.29E-13	1.16E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.10E-03	4.57E-01	0.00E+00	4.57E-11	7.02E-09	8.76E-04	7.66E-07	5.75E-04	0.00E+00	4.57E-01	1.26E-09	4.57E-01	4.55E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MT110A	1.05E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.26E-04	2.42E-03	0.00E+00	0.00E+00	4.38E-13	9.81E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	4.88E-09	6.42E-04	6.24E-07	4.74E-04	0.00E+00	3.72E-01	1.06E-09	3.72E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MT116A	1.22E-03	2.94E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.36E-04	2.51E-03	0.00E+00	0.00E+00	4.37E-13	9.80E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.02E-04	3.73E-01	0.00E+00	3.93E-11	5.26E-09	6.52E-04	6.24E-07	4.73E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-05
MT120A	1.22E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.36E-04	2.52E-03	0.00E+00	0.00E+00	4.38E-13	9.82E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	5.31E-09	6.57E-04	6.24E-07	4.74E-04	0.00E+00	3.72E-01	1.06E-09	3.72E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MT125A	1.31E-03	3.50E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.08E-02	1.12E-08	3.18E-04	3.39E-03	0.00E+00	0.00E+00	5.19E-13	1.05E-11	7.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.08E-03	4.40E-01	0.00E+00	4.64E-11	6.93E-09	8.70E-04	7.54E-07	5.67E-04	0.00E+00	4.40E-01	1.19E-09	4.40E-01	4.38E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MT132A	1.32E-03	3.64E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.17E-04	3.44E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.59E-01	0.00E+00	4.75E-11	6.95E-09	8.77E-04	7.66E-07	5.83E-04	0.00E+00	4.59E-01	1.29E-09	4.59E-01	4.59E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MT140A	1.33E-03	3.65E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.60E-01	0.00E+00	4.77E-11	6.96E-09	8.79E-04	7.67E-07	5.85E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.60E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MT150A	1.60E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	1.10E-08	7.20E-05	7.84E-04	0.00E+00	0.00E+00	4.04E-13	7.79E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	1.05E-03	3.27E-01	0.00E+00	3.54E-11	1.22E-09	1.90E-04	7.66E-07	5.64E-04	0.00E+00	3.27E-01	1.21E-09	3.27E-01	3.26E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05
MT163A	1.37E-03	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.19E-04	3.51E-03	0.00E+00	0.00E+00	5.55E-13	1.26E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.82E-01	0.00E+00	4.89E-11	7.31E-09	8.91E-04	8.04E-07	6.12E-04	0.00E+00	4.82E-01	1.28E-09	4.82E-01	4.81E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MT206A	2.43E-03	6.04E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	3.79E-02	2.31E-08	5.60E-04	5.85E-03	0.00E+00	0.00E+00	1.00E-12	2.02E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	1.90E-03	6.87E-01	0.00E+00	8.20E-11	1.21E-08	1.55E-03	1.37E-06	1.04E-03	0.00E+00	6.87E-01	2.36E-09	6.87E-01	6.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MT210A	2.17E-03	5.83E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.64E-02	2.11E-08	5.19E-04	5.43E-03	0.00E+00	0.00E+00	9.17E-13	1.95E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.87E-03	6.66E-01	0.00E+00	7.83E-11	1.08E-08	1.39E-03	1.35E-06	1.02E-03	0.00E+00	6.66E-01	2.22E-09	6.66E-01	6.64E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
MT216A	2.53E-04	4.07E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.90E-02	1.97E-08	1.21E-04	1.34E-03	0.00E+00	0.00E+00	6.99E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.47E-03	5.61E-01	0.00E+00	7.01E-11	2.08E-09	3.39E-04	1.06E-06	8.05E-04	0.00E+00	5.61E-01	2.04E-09	5.61E-01	5.61E-01	8.05E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MT220A	2.22E-03	5.91E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	3.80E-02	2.14E-08	5.22E-04	5.50E-03	0.00E+00	0.00E+00	9.28E-13	1.97E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-06	1.90E-03	6.75E-01	0.00E+00	7.98E-11	1.10E-08	1.41E-03	1.39E-06	1.04E-03	0.00E+00	6.75E-01	2.25E-09	6.75E-01	6.70E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04

MT225A	2.43E-03	5.13E-02	0.00E+00	5.18E-02	0.00E+00	0.00E+00	3.38E-02	1.59E-08	5.47E-04	5.77E-03	0.00E+00	0.00E+00	7.74E-13	1.48E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.13E-03	5.70E-01	0.00E+00	6.66E-11	1.20E-08	1.53E-03	7.77E-07	6.03E-04	0.00E+00	5.70E-01	1.57E-09	5.70E-01	5.58E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MT232A	2.70E-03	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.25E-02	2.47E-08	6.21E-04	6.77E-03	0.00E+00	0.00E+00	1.05E-12	2.31E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.15E-03	9.16E-01	0.00E+00	9.01E-11	1.39E-08	1.76E-03	1.46E-06	1.12E-03	0.00E+00	9.16E-01	2.53E-09	9.16E-01	9.08E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MT240A	2.61E-03	6.47E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.10E-02	2.42E-08	6.03E-04	6.44E-03	0.00E+00	0.00E+00	1.04E-12	2.09E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-06	2.07E-03	7.39E-01	0.00E+00	8.67E-11	1.33E-08	1.68E-03	1.45E-06	1.12E-03	0.00E+00	7.39E-01	2.46E-09	7.39E-01	7.28E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MT250A	3.04E-04	4.56E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.08E-02	2.02E-08	1.38E-04	1.50E-03	0.00E+00	0.00E+00	8.06E-13	1.64E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	1.62E-03	6.29E-01	0.00E+00	7.65E-11	2.36E-09	3.76E-04	1.18E-06	8.65E-04	0.00E+00	6.29E-01	2.10E-09	6.29E-01	6.30E-01	8.65E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MT263A	2.67E-03	6.54E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.14E-02	2.46E-08	5.90E-04	6.40E-03	0.00E+00	0.00E+00	1.11E-12	2.17E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	1.97E-03	7.30E-01	0.00E+00	8.83E-11	1.34E-08	1.63E-03	1.42E-06	1.10E-03	0.00E+00	7.30E-01	2.45E-09	7.30E-01	7.26E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MT306A	3.70E-04	6.25E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	4.11E-02	2.46E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.13E-12	2.32E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.95E-03	1.05E+00	0.00E+00	1.00E-10	3.01E-09	4.89E-04	2.22E-06	1.76E-03	0.00E+00	1.05E+00	2.81E-09	1.05E+00	1.05E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MT310A	3.64E-04	6.09E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.25E-02	2.44E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.88E-03	9.43E-01	0.00E+00	9.97E-11	2.95E-09	4.69E-04	2.18E-06	1.71E-03	0.00E+00	9.43E-01	2.78E-09	9.43E-01	9.51E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MT316A	3.70E-04	6.17E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.25E-02	2.44E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-06	2.40E-03	9.47E-01	0.00E+00	1.00E-10	3.01E-09	4.80E-04	1.65E-06	1.26E-03	0.00E+00	9.47E-01	2.58E-09	9.47E-01	9.54E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MT320A	3.71E-04	6.19E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.33E-02	2.47E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.42E-03	9.57E-01	0.00E+00	1.02E-10	3.02E-09	4.82E-04	1.67E-06	1.28E-03	0.00E+00	9.57E-01	2.61E-09	9.57E-01	9.67E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MT325A	4.04E-04	5.96E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.92E-02	1.83E-08	1.75E-04	1.93E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.07E-03	8.39E-01	0.00E+00	9.14E-11	3.06E-09	4.82E-04	1.46E-06	1.08E-03	0.00E+00	8.39E-01	1.86E-09	8.39E-01	8.40E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MT332A	3.66E-03	9.63E-02	0.00E+00	9.73E-02	0.00E+00	0.00E+00	6.04E-02	3.56E-08	8.34E-04	9.12E-03	0.00E+00	0.00E+00	1.54E-12	3.37E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-06	3.09E-03	1.32E+00	0.00E+00	1.28E-10	1.87E-08	2.35E-03	2.20E-06	1.67E-03	0.00E+00	1.32E+00	3.70E-09	1.32E+00	1.32E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MT340A	3.73E-03	9.81E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	6.36E-02	3.61E-08	8.61E-04	9.44E-03	0.00E+00	0.00E+00	1.57E-12	3.40E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-06	3.16E-03	1.33E+00	0.00E+00	1.40E-10	1.93E-08	2.45E-03	2.23E-06	1.70E-03	0.00E+00	1.33E+00	3.76E-09	1.33E+00	1.33E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MT350A	4.34E-04	7.08E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.98E-02	3.02E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.35E-12	2.53E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-06	2.83E-03	1.14E+00	0.00E+00	1.20E-10	3.53E-09	5.63E-04	2.03E-06	1.52E-03	0.00E+00	1.14E+00	3.26E-09	1.14E+00	1.15E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MT363A	3.86E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.61E-02	3.77E-08	8.95E-04	9.77E-03	0.00E+00	0.00E+00	1.66E-12	3.61E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.26E-03	1.38E+00	0.00E+00	1.49E-10	2.00E-08	2.53E-03	2.37E-06	1.77E-03	0.00E+00	1.38E+00	3.84E-09	1.38E+00	1.39E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
MTN106	1.12E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.16E-02	6.63E-09	5.25E-05	5.76E-04	0.00E+00	0.00E+00	3.11E-13	6.01E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.20E-04	2.47E-01	0.00E+00	2.71E-11	9.10E-10	1.45E-04	4.42E-07	3.29E-04	0.00E+00	2.47E-01	6.96E-10	2.47E-01	2.47E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
MTN110	1.02E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.38E-13	9.77E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.99E-04	3.73E-01	0.00E+00	3.83E-11	5.40E-09	6.81E-04	6.25E-07	4.77E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.73E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
MTN116	1.02E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.38E-13	9.77E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.99E-04	3.73E-01	0.00E+00	3.83E-11	5.40E-09	6.81E-04	6.25E-07	4.77E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.73E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
MTN120	1.03E-03	2.98E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.78E-02	1.02E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	4.42E-13	9.87E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.08E-04	3.77E-01	0.00E+00	3.87E-11	5.45E-09	6.88E-04	6.31E-07	4.81E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.77E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05
MTN125	1.13E-04	1.95E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.34E-09	5.32E-05	5.90E-04	0.00E+00	0.00E+00	3.44E-13	6.69E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.88E-04	2.75E-01	0.00E+00	3.01E-11	9.59E-10	1.46E-04	4.90E-07	3.65E-04	0.00E+00	2.75E-01	7.70E-10	2.75E-01	2.75E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MTN132	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MTN140	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MTN150	1.48E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.63E-09	7.17E-05	8.03E-04	0.00E+00	0.00E+00	4.04E-13	7.76E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.04E-04	3.18E-01	0.00E+00	3.53E-11	1.21E-09	1.95E-04	5.74E-07	4.25E-04	0.00E+00	3.18E-01	9.06E-10	3.18E-01	3.18E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MTN163	1.49E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.50E-02	8.66E-09	7.23E-05	8.06E-04	0.00E+00	0.00E+00	4.04E-13	7.77E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.05E-04	3.18E-01	0.00E+00	3.54E-11	1.21E-09	1.96E-04	5.74E-07	4.25E-04	0.00E+00	3.18E-01	9.09E-10	3.18E-01	3.18E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05
MU102A	1.32E-03	3.68E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.17E-04	3.46E-03	0.00E+00	0.00E+00	5.41E-13	1.21E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.67E-01	0.00E+00	4.80E-11	7.09E-09	8.82E-04	7.79E-07	5.87E-04	0.00E+00	4.67E-01	1.29E-09	4.67E-01	4.64E-01	5.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MU104A	1.32E-03	3.68E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	5.41E-13	1.21E-11	7.62E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.67E-01	0.00E+00	4.79E-11	7.09E-09	8.81E-04	7.78E-07	5.87E-04	0.00E+00	4.67E-01	1.29E-09	4.67E-01	4.64E-01	5.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MU106A	1.35E-03	3.62E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.12E-02	1.20E-08	3.27E-04	3.53E-03	0.00E+00	0.00E+00	5.30E-13	1.17E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.10E-03	4.59E-01	0.00E+00	4.56E-11	7.09E-09	8.74E-04	7.70E-07	5.77E-04	0.00E+00	4.59E-01	1.25E-09	4.59E-01	4.56E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MU110A	1.26E-04	2.68E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	2.96E-02	1.88E-08	6.37E-05	7.37E-04	0.00E+00	0.00E+00	4.71E-13	1.12E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.31E-03	3.86E-01	0.00E+00	4.21E-11	1.04E-09	1.86E-04	9.28E-07	6.96E-04	0.00E+00	3.86E-01	2.00E-09	3.86E-01	4.01E-01	6.96E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MU116A	1.42E-04	2.69E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.94E-02	1.74E-08	6.66E-05	7.50E-04	0.00E+00	0.00E+00	4.73E-13	1.13E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	1.32E-03	3.87E-01	0.00E+00	4.19E-11	1.15E-09	1.89E-04	9.37E-07	7.01E-04	0.00E+00	3.87E-01	1.98E-09	3.87E-01	4.02E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MU120A	1.37E-04	2.58E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.88E-02	1.14E-08	6.05E-05	6.90E-04	0.00E+00	0.00E+00	4.68E-13	9.76E-12	7.53E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	1.26E-03	3.85E-01	0.00E+00	4.02E-11	1.09E-09	1.76E-04	8.87E-07	6.56E-04	0.00E+00	3.85E-01	1.31E-09	3.85E-01	4.01E-01	6.56E-04	0.00E+00	0.00E+00	0.00E+00	9.92E-05
MU125A	1.31E-03	3.61E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.16E-02	1.21E-08	3.20E-04	3.41E-03	0.00E+00	0.00E+00	5.33E-13	1.18E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.11E-03	4.55E-01	0.00E+00	4.67E-11	7.01E-09	8.81E-04	7.64E-07	5.78E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.53E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
MU132A	1.32E-03	3.64E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.17E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.59E-01	0.00E+00	4.77E-11	6.95E-09	8.78E-04	7.66E-07	5.83E-04	0.00E+00	4.59E-01	1.29E-09	4.59E-01	4.59E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MU140A	1.33E-03	3.65E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.60E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.67E-07	5.85E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.60E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MU150A	1.37E-03	3.83E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.21E-04	3.54E-03	0.00E+00	0.00E+00	5.50E-13	1.26E-11	7.83E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.84E-01	0.00E+00	4.91E-11	7.21E-09	8.94E-04	8.10E-07	6.14E-04	0.00E+00	4.84E-01	1.28E-09	4.84E-01	4.84E-01	6.14E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MU163A	1.37E-03	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.19E-04	3.51E-03	0.00E+00	0.00E+00	5.55E-13	1.26E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.82E-01	0.00E+00	4.89E-11	7.32E-09	8.91E-04	8.04E-07	6.12E-04	0.00E+00	4.82E-01	1.28E-09	4.82E-01	4.81E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MU202A	2.53E-03	6.03E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	3.89E-02	2.33E-08	5.82E-04	6.18E-03	0.00E+00	0.00E+00	1.03E-12	2.05E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.81E-03	7.07E-01	0.00E+00	8.30E-11	1.27E-08	1.60E-03	1.26E-06	9.56E-04	0.00E+00	7.07E-01	2.37E-09	7.07E-01	6.97E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MU206A	2.13E-03	5.01E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.20E-02	1.55E-08	5.09E-04	5.44E-03	0.00E+00	0.00E+00	7.59E-13	1.46E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.12E-03	5.62E-01	0.00E+00	6.56E-11	1.07E-08	1.37E-03	7.84E-07	5.92E-04	0.00E+00	5.62E-01	1.50E-09	5.62E-01	5.48E-01	5.92E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MU210A	3.21E-04	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.42E-02	1.27E-08	1.17E-04	1.36E-03	0.00E+00	0.00E+00	5.65E-13	1.12E-11	7.62E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	9.20E-04	4.78E-01	0.00E+00	5.72E-11	2.27E-09	3.15E-04	6.13E-07	4.73E-04	0.00E+00	4.78E-01	1.28E-09	4.78E-01	4.63E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
MU216A	1.26E-03	4.29E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	3.02E-02	2.31E-08	2.66E-04	3.07E-03	0.00E+00	0.00E+00	6.48E-13	1.64E-11	9.47E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.62E-03	5.28E-01	0.00E+00	6.83E-11	6.00E-09	7.94E-04	1.42E-06	1.06E-03	0.00E+00	5.28E-01	2.44E-09	5.28E-01	5.36E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-04
MU220A	2.23E-03	5.93E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	3.78E-02	2.14E-08	5.26E-04	5.55E-03	0.00E+00	0.00E+00	9.29E-13	1.99E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.89E-03	6.68E-01	0.00E+00	7.99E-11	1.12E-08	1.42E-03	1.38E-06	1.03E-03	0.00E+00	6.68E-01	2.26E-09	6.68E-01	6.66E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MU225A	2.53E-03	6.33E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.04E-02	2.35E-08	5.82E-04	6.06E-03	0.00E+00	0.00E+00	1.03E-12	2.09E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.97E-03	7.30E-01	0.00E+00	8.46E-11	1.27E-08	1.61E-03	1.40E-06	1.07E-03	0.00E+00	7.30E-01	2.40E-09	7.30E-01	7.24E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MU232A	2.70E-03	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	6.21E-04	6.77E-03	0.00E+00	0.00E+00	1.05E-12	2.31E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.14E-03	9.16E-01	0.00E+00	9.03E-11	1.39E-08	1.75E-03	1.46E-06	1.11E-03	0.00E+00	9.16E-01	2.48E-09	9.16E-01	9.08E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MU240A	2.70E-03	7.08E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	6.27E-04	6.85E-03	0.00E+00	0.00E+00	1.06E-12	2.32E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.18E-03	9.22E-01	0.00E+00	9.14E-11	1.41E-08	1.77E-03	1.50E-06	1.13E-03	0.00E+00	9.22E-01	2.50E-09	9.22E-01	9.16E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
MU250A	2.56E-03	6.48E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.14E-02	2.42E-08	5.77E-04	6.22E-03	0.00E+00	0.00E+00	1.10E-12	2.16E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-06	1.95E-03	7.25E-01	0.00E+00	8.72E-11	1.30E-08	1.60E-03	1.37E-06	1.06E-03	0.00E+00	7.25E-01	2.43E-09	7.25E-01	7.21E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MU263A	2.69E-03	7.20E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.35E-02	2.53E-08	6.14E-04	6.75E-03	0.00E+00	0.00E+00	1.14E-12	2.42E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.10E-03	9.34E-01	0.00E+00	9.42E-11	1.40E-08	1.73E-03	1.50E-06	1.14E-03	0.00E+00	9.34E-01	2.52E-09	9.34E-01	9.32E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MU302A	3.53E-03	9.52E-02	0.00E+00	9.65E-02	0.00E+00	0.00E+00	5.95E-02	3.56E-08	7.97E-04	8.77E-03	0.00E+00	0.00E+00	1.49E-12	3.35E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	3.01E-03	1.31E+00	0.00E+00	1.26E-10	1.78E-08	2.27E-03	2.11E-06	1.62E-03	0.00E+00	1.31E+00	3.62E-09	1.31E+00	1.31E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MU306A	3.62E-04	6.24E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	4.10E-02	2.45E-08	1.68E-04	1.86E-03	0.00E+00	0.00E+00	1.13E-12	2.31E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.93E-03	1.05E+00	0.00E+00	1.00E-10	2.97E-09	4.82E-04	2.21E-06	1.76E-03	0.00E+00	1.05E+00	2.80E-09	1.05E+00	1.05E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MU310A	3.72E-04	6.27E-02	0.00E+00	6.32E-02	0.00E+00	0.00E+00	4.24E-02	2.47E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.15E-12	2.32E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.94E-03	1.05E+00	0.00E+00	1.01E-10	3.01E-09	4.89E-04	2.21E-06	1.76E-03	0.00E+00	1.05E+00	2.82E-09	1.05E+00	1.05E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MU316A	3.70E-04	6.18E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.24E-02	2.42E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-06	2.38E-03	9.45E-01	0.00E+00	9.97E-11	3.01E-09	4.80E-04	1.64E-06	1.25E-03	0.00E+00	9.45E-01	2.57E-09	9.45E-01	9.55E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MU320A	3.58E-03	9.71E-02	0.00E+00	9.84E-02	0.00E+00	0.00E+00	5.85E-02	3.25E-08	8.28E-04	9.05E-03	0.00E+00	0.00E+00	1.42E-12	3.17E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-06	2.96E-03	1.25E+00	0.00E+00	1.24E-10	1.87E-08	2.33E-03	2.03E-06	1.57E-03	0.00E+00	1.25E+00	3.42E-09	1.25E+00	1.25E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MU325A	3.56E-03	9.43E-02	0.00E+00	9.58E-02	0.00E+00	0.00E+00	5.98E-02	3.52E-08	8.17E-04	8.90E-03	0.00E+00	0.00E+00	1.50E-12	3.31E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	3.04E-03	1.31E+00	0.00E+00	1.26E-10	1.82E-08	2.31E-03	2.13E-06	1.64E-03	0.00E+00	1.31E+00	3.67E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MU332A	3.67E-03	1.04E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.13E-02	3.59E-08	8.53E-04	9.38E-03	0.00E+00	0.00E+00	1.53E-12	3.42E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-06	3.16E-03	1.32E+00	0.00E+00	1.28E-10	1.92E-08	2.39E-03	2.20E-06	1.67E-03	0.00E+00	1.32E+00	3.76E-09	1.32E+00	1.32E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MU340A	3.75E-03	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.45E-02	3.64E-08	8.80E-04	9.71E-03	0.00E+00	0.00E+00	1.58E-12	3.46E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-06	3.25E-03	1.34E+00	0.00E+00	1.42E-10	1.98E-08	2.49E-03	2.26E-06	1.72E-03	0.00E+00	1.34E+00	3.81E-09	1.34E+00	1.34E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
MU350A	3.82E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.58E-02	3.72E-08	8.74E-04	9.59E-03	0.00E+00	0.00E+00	1.65E-12	3.60E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-06	3.22E-03	1.36E+00	0.00E+00	1.48E-10	1.97E-08	2.47E-03	2.29E-06	1.73E-03	0.00E+00	1.36E+00	3.82E-09	1.36E+00	1.37E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
MU363A	3.89E-03	1.10E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.66E-02	3.80E-08	9.15E-04	1.00E-02	0.00E+00	0.00E+00	1.67E-12	3.66E-11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-06	3.38E-03	1.39E+00	0.00E+00	1.49E-10	2.04E-08	2.59E-03	2.39E-06	1.80E-03	0.00E+00	1.39E+00	3.93E-09	1.39E+00	1.41E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-04
MU406A	4.82E-04	8.08E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.73E-02	3.04E-08	2.24E-04	2.53E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.60E-03	1.34E+00	0.00E+00	1.26E-10	3.85E-09	6.26E-04	2.56E-06	1.94E-03	0.00E+00	1.34E+00	3.52E-09	1.34E+00	1.33E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MU410A	4.74E-04	8.17E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	5.68E-02	3.04E-08	2.19E-04	2.47E-03	0.00E+00	0.00E+00	1.44E-12	3.26E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-06	3.61E-03	1.33E+00	0.00E+00	1.27E-10	3.84E-09	6.17E-04	2.57E-06	1.97E-03	0.00E+00	1.33E+00	3.53E-09	1.33E+00	1.33E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MU416A	4.85E-04	7.86E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.30E-02	2.91E-08	2.29E-04	2.56E-03	0.00E+00	0.00E+00	1.40E-12	2.83E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	3.27E-03	1.18E+00	0.00E+00	1.22E-10	3.92E-09	6.38E-04	2.40E-06	1.90E-03	0.00E+00	1.18E+00	3.25E-09	1.18E+00	1.17E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MU420A	3.69E-03	9.32E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	5.82E-02	3.35E-08	8.36E-04	9.12E-03	0.00E+00	0.00E+00	1.45E-12	3.15E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-06	3.00E-03	1.26E+00	0.00E+00	1.26E-10	1.90E-08	2.37E-03	2.06E-06	1.58E-03	0.00E+00	1.26E+00	3.49E-09	1.26E+00	1.25E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MU425A	3.72E-03	9.96E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.04E-02	3.51E-08	8.47E-04	9.25E-03	0.00E+00	0.00E+00	1.53E-12	3.38E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.16E-03	1.32E+00	0.00E+00	1.34E-10	1.91E-08	2.41E-03	2.19E-06	1.66E-03	0.00E+00	1.32E+00	3.67E-09	1.32E+00	1.31E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MU432A	6.00E-04	9.21E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	5.81E-02	3.24E-08	2.87E-04	3.07E-03	0.00E+00	0.00E+00	1.63E-12	3.21E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-06	3.42E-03	1.32E+00	0.00E+00	1.35E-10	4.51E-09	7.77E-04	2.55E-06	1.91E-03	0.00E+00	1.32E+00	3.63E-09	1.32E+00	1.31E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
MU440A	6.09E-04	9.22E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	5.86E-02	3.31E-08	2.91E-04	3.06E-03	0.00E+00	0.00E+00	1.65E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.10E-03	1.23E+00	0.00E+00	1.40E-10	4.63E-09	8.00E-04	2.23E-06	1.65E-03	0.00E+00	1.23E+00	3.47E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MU450A	5.66E-04	9.22E-02	0.00E+00	9.27E-02	0.00E+00	0.00E+00	5.87E-02	3.31E-08	2.74E-04	2.95E-03	0.00E+00	0.00E+00	1.67E-12	3.06E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.13E-03	1.24E+00	0.00E+00	1.41E-10	4.42E-09	7.49E-04	2.24E-06	1.68E-03	0.00E+00	1.24E+00	3.47E-09	1.24E+00	1.24E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MU463A	5.37E-04	9.23E-02	0.00E+00	9.21E-02	0.00E+00	0.00E+00	6.15E-02	3.43E-08	2.61E-04	2.88E-03	0.00E+00	0.00E+00	1.63E-12	3.27E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-06	3.58E-03	1.35E+00	0.00E+00	1.42E-10	4.35E-09	7.09E-04	2.61E-06	2.03E-03	0.00E+00	1.35E+00	3.69E-09	1.35E+00	1.33E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MUN106A	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.23E-02	7.06E-09	5.58E-05	6.13E-04	0.00E+00	0.00E+00	3.31E-13	6.40E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.60E-04	2.62E-01	0.00E+00	2.88E-11	9.69E-10	1.55E-04	4.70E-07	3.50E-04	0.00E+00	2.62E-01	7.41E-10	2.62E-01	2.63E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-05
MUN110A	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.27E-09	4.96E-05	5.45E-04	0.00E+00	0.00E+00	2.94E-13	5.69E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.87E-04	2.33E-01	0.00E+00	2.56E-11	8.61E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.58E-10	2.33E-01	2.34E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
MUN116A	1.07E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.32E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	2.96E-13	5.73E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.92E-04	2.35E-01	0.00E+00	2.58E-11	8.68E-10	1.38E-04	4.21E-07	3.14E-04	0.00E+00	2.35E-01	6.64E-10	2.35E-01	2.35E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-05
MUN120A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.42E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MUN125A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.69E-09	6.08E-05	6.67E-04	0.00E+00	0.00E+00	3.60E-13	6.97E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.86E-01	0.00E+00	3.14E-11	1.06E-09	1.68E-04	5.12E-07	3.82E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.86E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MUN132A	4.99E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.61E-02	1.11E-08	1.32E-04	1.49E-03	0.00E+00	0.00E+00	4.23E-13	8.28E-12	6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	1.05E-03	3.34E-01	0.00E+00	3.56E-11	2.99E-09	3.82E-04	7.58E-07	5.71E-04	0.00E+00	3.34E-01	1.35E-09	3.34E-01	3.33E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-05
MUN140A	4.98E-04	2.33E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.62E-02	1.11E-08	1.32E-04	1.49E-03	0.00E+00	0.00E+00	4.22E-13	8.27E-12	6.19E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	1.06E-03	3.34E-01	0.00E+00	3.56E-11	2.99E-09	3.83E-04	7.80E-07	5.74E-04	0.00E+00	3.34E-01	1.35E-09	3.34E-01	3.33E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	8.61E-05
MUN206A	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.50E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.90E-09	3.04E-04	9.25E-07	6.88E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.17E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MUN210A	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.00E-13	1.16E-11	8.32E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.76E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.54E-07	6.36E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN216A	2.09E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.16E-02	1.24E-08	9.80E-05	1.07E-03	0.00E+00	0.00E+00	5.80E-13	1.12E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.16E-03	4.60E-01	0.00E+00	5.06E-11	1.70E-09	2.71E-04	8.25E-07	6.14E-04	0.00E+00	4.60E-01	1.30E-09	4.60E-01	4.61E-01	6.14E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MUN220A	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.77E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.55E-07	6.36E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN225A	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.53E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.80E-13	1.32E-11	9.42E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.40E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.67E-07	7.20E-04	0.00E+00	5.40E-01	1.52E-09	5.40E-01	5.40E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MUN232A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN240A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN250A	2.86E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.95E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.31E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.42E-04	0.00E+00	6.31E-01	1.78E-09	6.31E-01	6.32E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MUN263A	3.02E-04	4.76E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	3.12E-02	1.79E-08	1.41E-04	1.55E-03	0.00E+00	0.00E+00	8.38E-13	1.62E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-06	1.67E-03	6.65E-01	0.00E+00	7.31E-11	2.45E-09	3.92E-04	1.19E-06	8.87E-04	0.00E+00	6.65E-01	1.88E-09	6.65E-01	6.66E-01	8.87E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-04
MUN306A	3.61E-04	6.71E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	4.76E-02	3.01E-08	1.63E-04	1.79E-03	0.00E+00	0.00E+00	1.20E-12	2.93E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	4.74E-03	1.24E+00	0.00E+00	1.08E-10	2.96E-09	4.68E-04	3.72E-06	2.90E-03	0.00E+00	1.24E+00	3.45E-09	1.24E+00	1.26E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MUN310A	3.43E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.61E-04	1.76E-03	0.00E+00	0.00E+00	9.50E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.54E-01	0.00E+00	8.29E-11	2.79E-09	4.44E-04	1.35E-06	1.01E-03	0.00E+00	7.54E-01	2.13E-09	7.54E-01	7.55E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MUN316A	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.80E-01	0.00E+00	8.57E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.80E-01	2.20E-09	7.80E-01	7.81E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MUN320A	3.59E-04	5.66E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	3.71E-02	2.13E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.96E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	1.99E-03	7.91E-01	0.00E+00	8.69E-11	2.92E-09	4.66E-04	1.42E-06	1.06E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.92E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MUN325A	3.68E-04	5.80E-02	0.00E+00	5.80E-02	0.00E+00	0.00E+00	3.80E-02	2.18E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-06	2.04E-03	8.10E-01	0.00E+00	8.90E-11	2.99E-09	4.77E-04	1.45E-06	1.08E-03	0.00E+00	8.10E-01	2.29E-09	8.10E-01	8.11E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MUN332A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.26E-01	0.00E+00	1.02E-10	3.42E-09	5.45E-04	1.66E-06	1.24E-03	0.00E+00	9.26E-01	2.61E-09	9.26E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04

MUN340A	4.12E-04	7.36E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	5.68E-02	3.57E-08	1.89E-04	2.15E-03	0.00E+00	0.00E+00	1.38E-12	3.27E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-06	5.49E-03	1.35E+00	0.00E+00	1.25E-10	3.35E-09	5.36E-04	4.34E-06	3.29E-03	0.00E+00	1.35E+00	3.95E-09	1.35E+00	1.35E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MUN363A	1.83E-04	2.51E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.45E-02	1.07E-08	9.52E-05	1.08E-03	0.00E+00	0.00E+00	3.94E-13	8.42E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	8.42E-04	3.42E-01	0.00E+00	3.37E-11	1.55E-09	2.80E-04	5.78E-07	4.46E-04	0.00E+00	3.42E-01	1.04E-09	3.42E-01	3.47E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-05
MUN406A	4.62E-04	7.29E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.78E-02	2.74E-08	2.17E-04	2.38E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.76E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MUN410A	4.66E-04	7.35E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.82E-02	2.76E-08	2.18E-04	2.40E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.58E-03	1.03E+00	0.00E+00	1.13E-10	3.79E-09	6.04E-04	1.84E-06	1.37E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MUN416A	4.62E-04	7.28E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.77E-02	2.73E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.75E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MUN420A	4.75E-04	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.91E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.86E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MUN425A	4.93E-04	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.10E-02	2.92E-08	2.31E-04	2.53E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.73E-03	1.09E+00	0.00E+00	1.19E-10	4.01E-09	6.39E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.06E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MUN432A	5.47E-04	8.63E-02	0.00E+00	8.63E-02	0.00E+00	0.00E+00	5.66E-02	3.24E-08	2.57E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.94E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06	3.03E-03	1.21E+00	0.00E+00	1.32E-10	4.45E-09	7.10E-04	2.16E-06	1.61E-03	0.00E+00	1.21E+00	3.40E-09	1.21E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
MUN440A	5.53E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.62E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
MUN450A	5.91E-04	9.31E-02	0.00E+00	9.31E-02	0.00E+00	0.00E+00	6.11E-02	3.50E-08	2.77E-04	3.04E-03	0.00E+00	0.00E+00	1.64E-12	3.17E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.27E-03	1.30E+00	0.00E+00	1.43E-10	4.80E-09	7.66E-04	2.33E-06	1.74E-03	0.00E+00	1.30E+00	3.67E-09	1.30E+00	1.30E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MUN463A	5.99E-04	9.44E-02	0.00E+00	9.44E-02	0.00E+00	0.00E+00	6.19E-02	3.55E-08	2.81E-04	3.08E-03	0.00E+00	0.00E+00	1.66E-12	3.22E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06	3.32E-03	1.32E+00	0.00E+00	1.45E-10	4.87E-09	7.77E-04	2.36E-06	1.76E-03	0.00E+00	1.32E+00	3.72E-09	1.32E+00	1.32E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
MUN506A	2.33E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.41E-02	1.38E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	6.46E-13	1.25E-11	8.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.29E-03	5.13E-01	0.00E+00	5.63E-11	1.89E-09	3.02E-04	9.18E-07	6.84E-04	0.00E+00	5.13E-01	1.45E-09	5.13E-01	5.13E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MUN510A	2.08E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	9.75E-05	1.07E-03	0.00E+00	0.00E+00	5.77E-13	1.12E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.58E-01	0.00E+00	5.04E-11	1.69E-09	2.70E-04	8.21E-07	6.12E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.59E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MUN516A	2.09E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.82E-05	1.08E-03	0.00E+00	0.00E+00	5.81E-13	1.12E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.16E-03	4.61E-01	0.00E+00	5.07E-11	1.70E-09	2.72E-04	8.27E-07	6.16E-04	0.00E+00	4.61E-01	1.30E-09	4.61E-01	4.62E-01	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MUN520A	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.02E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN525A	2.31E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.39E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.40E-13	1.24E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.28E-03	5.08E-01	0.00E+00	5.58E-11	1.88E-09	2.99E-04	9.10E-07	6.78E-04	0.00E+00	5.08E-01	1.43E-09	5.08E-01	5.09E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MUN532A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN540A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN606A	4.89E-04	7.66E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.24E-02	2.88E-08	2.27E-04	2.54E-03	0.00E+00	0.00E+00	1.35E-12	2.78E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-06	3.24E-03	1.17E+00	0.00E+00	1.19E-10	3.94E-09	6.39E-04	2.39E-06	1.88E-03	0.00E+00	1.17E+00	3.23E-09	1.17E+00	1.16E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MUN610A	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MUN616A	4.85E-04	7.64E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.35E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MUN620A	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MUN625A	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MUN632A	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MUN640A	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MUN650A	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MUN663A	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MV106	1.47E-04	2.57E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.59E-02	1.00E-08	7.07E-05	7.79E-04	0.00E+00	0.00E+00	4.64E-13	9.66E-12	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.27E-03	3.82E-01	0.00E+00	3.41E-11	1.20E-09	2.12E-04	8.95E-07	6.62E-04	0.00E+00	3.82E-01	1.27E-09	3.82E-01	3.98E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05
MV106Z	1.21E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.12E-09	5.69E-05	6.24E-04	0.00E+00	0.00E+00	3.37E-13	6.51E-12	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.75E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.45E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
MV110	1.43E-04	2.56E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.62E-02	2.10E-08	7.90E-05	8.70E-04	0.00E+00	0.00E+00	4.44E-13	1.21E-11	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	1.63E-03	3.65E-01	0.00E+00	3.49E-11	1.40E-09	2.22E-04	1.41E-06	1.09E-03	0.00E+00	3.65E-01	2.22E-09	3.65E-01	3.84E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	9.04E-05
MV110Z	9.45E-05	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	2.55E-02	1.67E-08	4.12E-05	4.94E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.99E-04	2.69E-01	0.00E+00	4.13E-11	8.01E-10	1.18E-04	5.10E-07	3.88E-04	0.00E+00	2.69E-01	1.53E-09	2.69E-01	2.70E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MV116	1.08E-04	1.73E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	5.04E-05	5.52E-04	0.00E+00	0.00E+00	3.04E-13	5.95E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.06E-04	2.40E-01	0.00E+00	2.68E-11	8.80E-10	1.39E-04	4.31E-07	3.21E-04	0.00E+00	2.40E-01	6.86E-10	2.40E-01	2.40E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MV116Z	1.24E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.51E-02	1.07E-08	5.68E-05	6.35E-04	0.00E+00	0.00E+00	3.44E-13	6.70E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	7.08E-04	2.75E-01	0.00E+00	4.03E-11	9.98E-10	1.57E-04	5.02E-07	3.88E-04	0.00E+00	2.75E-01	1.08E-09	2.75E-01	2.76E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
MV120	1.08E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.13E-02	6.56E-09	5.05E-05	5.54E-04	0.00E+00	0.00E+00	3.05E-13	5.96E-12	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.07E-04	2.41E-01	0.00E+00	2.68E-11	8.82E-10	1.40E-04	4.33E-07	3.22E-04	0.00E+00	2.41E-01	6.87E-10	2.41E-01	2.41E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
MV120Z	1.27E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.52E-02	8.27E-09	5.89E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	7.11E-04	2.77E-01	0.00E+00	3.87E-11	1.02E-09	1.63E-04	5.04E-07	3.76E-04	0.00E+00	2.77E-01	9.05E-10	2.77E-01	2.77E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MV125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.55E-02	8.41E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.56E-13	6.94E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.23E-04	2.81E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.12E-07	3.81E-04	0.00E+00	2.81E-01	9.21E-10	2.81E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MV125Z	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.55E-02	8.41E-09	5.96E-05	6.55E-04	0.00E+00	0.00E+00	3.56E-13	6.94E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.22E-04	2.81E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.12E-07	3.81E-04	0.00E+00	2.81E-01	9.20E-10	2.81E-01	2.81E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MV132	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.25E-09	6.52E-05	7.53E-04	0.00E+00	0.00E+00	3.87E-13	7.41E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.06E-01	0.00E+00	3.39E-11	1.12E-09	1.82E-04	5.47E-07	4.09E-04	0.00E+00	3.06E-01	8.61E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MV132Z	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.28E-09	6.52E-05	7.53E-04	0.00E+00	0.00E+00	3.87E-13	7.40E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.68E-04	3.06E-01	0.00E+00	3.40E-11	1.12E-09	1.82E-04	5.46E-07	4.08E-04	0.00E+00	3.06E-01	8.64E-10	3.06E-01	3.05E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MV140	1.35E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	1.07E-08	6.27E-05	7.29E-04	0.00E+00	0.00E+00	3.87E-13	7.42E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.01E-03	3.14E-01	0.00E+00	3.40E-11	1.08E-09	1.76E-04	7.67E-07	5.57E-04	0.00E+00	3.14E-01	1.30E-09	3.14E-01	3.14E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MV140Z	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.28E-09	6.53E-05	7.54E-04	0.00E+00	0.00E+00	3.87E-13	7.45E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.40E-11	1.12E-09	1.82E-04	5.48E-07	4.09E-04	0.00E+00	3.06E-01	8.64E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MV206	2.54E-04	4.08E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.72E-02	1.98E-08	1.22E-04	1.35E-03	0.00E+00	0.00E+00	7.02E-13	1.54E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.49E-03	5.65E-01	0.00E+00	7.04E-11	2.08E-09	3.41E-04	1.07E-06	8.07E-04	0.00E+00	5.65E-01	2.05E-09	5.65E-01	5.65E-01	8.07E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MV210	2.50E-04	4.02E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.87E-02	1.96E-08	1.20E-04	1.33E-03	0.00E+00	0.00E+00	6.94E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.46E-03	5.56E-01	0.00E+00	7.09E-11	2.06E-09	3.35E-04	1.05E-06	8.01E-04	0.00E+00	5.56E-01	2.04E-09	5.56E-01	5.56E-01	8.01E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MV216	2.19E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.40E-02	2.10E-08	1.12E-04	1.21E-03	0.00E+00	0.00E+00	6.11E-13	1.45E-11	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-06	1.57E-03	4.83E-01	0.00E+00	6.38E-11	2.03E-09	3.18E-04	1.40E-06	1.07E-03	0.00E+00	4.83E-01	2.23E-09	4.83E-01	4.87E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MV220	2.51E-04	4.08E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.86E-02	1.74E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	7.02E-13	1.48E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.43E-03	5.64E-01	0.00E+00	7.07E-11	2.08E-09	3.36E-04	1.02E-06	7.69E-04	0.00E+00	5.64E-01	1.82E-09	5.64E-01	5.64E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MV225	3.25E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.49E-02	1.23E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.70E-13	1.13E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.21E-04	4.81E-01	0.00E+00	5.84E-11	2.30E-09	3.21E-04	6.14E-07	4.75E-04	0.00E+00	4.81E-01	1.31E-09	4.81E-01	4.66E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MV232	2.76E-04	4.44E-02	0.00E+00	4.45E-02	0.00E+00	0.00E+00	2.95E-02	1.93E-08	1.31E-04	1.45E-03	0.00E+00	0.00E+00	7.72E-13	1.59E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06	1.56E-03	6.15E-01	0.00E+00	7.47E-11	2.28E-09	3.65E-04	1.12E-06	8.32E-04	0.00E+00	6.15E-01	2.03E-09	6.15E-01	6.18E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MV240	2.75E-04	4.45E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.95E-02	1.96E-08	1.31E-04	1.45E-03	0.00E+00	0.00E+00	7.74E-13	1.59E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	1.59E-03	6.16E-01	0.00E+00	7.56E-11	2.28E-09	3.65E-04	1.15E-06	8.54E-04	0.00E+00	6.16E-01	2.04E-09	6.16E-01	6.18E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MV306	3.63E-04	6.07E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.11E-02	2.43E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.11E-12	2.18E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.89E-03	9.55E-01	0.00E+00	9.86E-11	2.95E-09	4.69E-04	2.19E-06	1.71E-03	0.00E+00	9.55E-01	2.77E-09	9.55E-01	9.59E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MV310	3.64E-04	6.09E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.25E-02	2.44E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.88E-03	9.43E-01	0.00E+00	9.97E-11	2.95E-09	4.69E-04	2.18E-06	1.71E-03	0.00E+00	9.43E-01	2.78E-09	9.43E-01	9.51E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MV316	3.66E-04	6.13E-02	0.00E+00	6.16E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-06	2.40E-03	9.44E-01	0.00E+00	1.00E-10	2.97E-09	4.73E-04	1.65E-06	1.25E-03	0.00E+00	9.44E-01	2.57E-09	9.44E-01	9.51E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MV320	3.71E-04	6.18E-02	0.00E+00	6.21E-02	0.00E+00	0.00E+00	4.21E-02	2.45E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.15E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.42E-03	9.58E-01	0.00E+00	1.02E-10	3.02E-09	4.81E-04	1.66E-06	1.28E-03	0.00E+00	9.58E-01	2.59E-09	9.58E-01	9.67E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MV325	4.04E-04	5.96E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.94E-02	1.83E-08	1.74E-04	1.93E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.07E-03	8.39E-01	0.00E+00	9.12E-11	3.05E-09	4.82E-04	1.46E-06	1.08E-03	0.00E+00	8.39E-01	1.86E-09	8.39E-01	8.40E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
MV332	4.13E-04	6.65E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.60E-02	2.62E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.24E-12	2.36E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.55E-03	1.01E+00	0.00E+00	1.09E-10	3.36E-09	5.35E-04	1.83E-06	1.36E-03	0.00E+00	1.01E+00	2.80E-09	1.01E+00	1.01E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MV340	4.14E-04	6.70E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.79E-02	2.80E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.27E-12	2.40E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.65E-03	1.05E+00	0.00E+00	1.14E-10	3.38E-09	5.36E-04	1.92E-06	1.42E-03	0.00E+00	1.05E+00	3.01E-09	1.05E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
MV406	4.81E-04	8.06E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.74E-02	3.04E-08	2.24E-04	2.52E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.60E-03	1.34E+00	0.00E+00	1.26E-10	3.84E-09	6.25E-04	2.56E-06	1.95E-03	0.00E+00	1.34E+00	3.53E-09	1.34E+00	1.33E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MV410	4.81E-04	8.07E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.68E-02	3.03E-08	2.24E-04	2.53E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06	3.60E-03	1.33E+00	0.00E+00	1.26E-10	3.84E-09	6.25E-04	2.56E-06	1.94E-03	0.00E+00	1.33E+00	3.53E-09	1.33E+00	1.33E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MV416	4.23E-04	7.49E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.53E-02	3.34E-08	1.97E-04	2.21E-03	0.00E+00	0.00E+00	1.36E-12	3.21E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-06	5.53E-03	1.28E+00	0.00E+00	1.19E-10	3.57E-09	5.50E-04	4.59E-06	3.43E-03	0.00E+00	1.28E+00	3.81E-09	1.28E+00	1.28E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MV420	4.80E-04	7.76E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.09E-02	2.91E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.38E-12	2.64E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-06	2.73E-03	1.07E+00	0.00E+00	1.20E-10	3.91E-09	6.29E-04	1.92E-06	1.45E-03	0.00E+00	1.07E+00	3.07E-09	1.07E+00	1.08E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MV425	4.84E-04	7.28E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.71E-02	2.17E-08	2.17E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.39E-03	9.39E-01	0.00E+00	1.09E-10	3.84E-09	6.04E-04	1.68E-06	1.23E-03	0.00E+00	9.39E-01	2.27E-09	9.39E-01	9.34E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MV432	5.15E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.60E-02	3.22E-08	2.47E-04	2.70E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	2.99E-03	1.19E+00	0.00E+00	1.32E-10	4.21E-09	6.76E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.38E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MV440	5.18E-04	8.65E-02	0.00E+00	8.63E-02	0.00E+00	0.00E+00	5.67E-02	3.27E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.50E-12	2.93E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.24E-09	6.82E-04	2.16E-06	1.61E-03	0.00E+00	1.20E+00	3.41E-09	1.20E+00	1.20E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MW106	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.79E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.01E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.26E-07	4.78E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
MW110	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.79E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.01E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.26E-07	4.78E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
MW116	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.80E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.02E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.27E-07	4.78E-04	0.00E+00	3.74E-01	1.06E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-05
MW120	1.04E-03	2.99E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.78E-02	1.03E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	4.43E-13	9.89E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.10E-04	3.77E-01	0.00E+00	3.88E-11	5.46E-09	6.90E-04	6.33E-07	4.83E-04	0.00E+00	3.77E-01	1.07E-09	3.77E-01	3.78E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05
MW125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MW132	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.10E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
MW140	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.33E-09	6.60E-05	7.24E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.14E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.10E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MW206	2.50E-04	4.03E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.69E-02	1.97E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	6.93E-13	1.52E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.46E-03	5.56E-01	0.00E+00	6.99E-11	2.07E-09	3.36E-04	1.06E-06	7.98E-04	0.00E+00	5.56E-01	2.04E-09	5.56E-01	5.56E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MW210	2.50E-04	4.02E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.87E-02	1.96E-08	1.20E-04	1.33E-03	0.00E+00	0.00E+00	6.94E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.46E-03	5.56E-01	0.00E+00	7.09E-11	2.06E-09	3.35E-04	1.05E-06	8.01E-04	0.00E+00	5.56E-01	2.04E-09	5.56E-01	5.56E-01	8.01E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MW216	2.18E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.40E-02	2.10E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.11E-13	1.45E-11	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.57E-03	4.82E-01	0.00E+00	6.33E-11	2.03E-09	3.19E-04	1.40E-06	1.07E-03	0.00E+00	4.82E-01	2.23E-09	4.82E-01	4.86E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MW220	2.20E-04	3.57E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.41E-02	2.10E-08	1.12E-04	1.22E-03	0.00E+00	0.00E+00	6.13E-13	1.45E-11	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.57E-03	4.86E-01	0.00E+00	6.39E-11	2.04E-09	3.21E-04	1.41E-06	1.07E-03	0.00E+00	4.86E-01	2.23E-09	4.86E-01	4.90E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MW225	3.25E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.49E-02	1.23E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.70E-13	1.13E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.21E-04	4.82E-01	0.00E+00	5.84E-11	2.30E-09	3.21E-04	6.14E-07	4.75E-04	0.00E+00	4.82E-01	1.31E-09	4.82E-01	4.67E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MW232	5.00E-04	4.70E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	3.38E-02	2.03E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	8.02E-13	1.70E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.63E-03	6.48E-01	0.00E+00	7.48E-11	2.78E-09	5.20E-04	1.16E-06	8.73E-04	0.00E+00	6.48E-01	2.10E-09	6.48E-01	6.48E-01	8.73E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MW240	5.05E-04	4.72E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.38E-02	2.08E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	8.06E-13	1.73E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-06	1.67E-03	6.49E-01	0.00E+00	7.61E-11	2.82E-09	5.33E-04	1.20E-06	9.06E-04	0.00E+00	6.49E-01	2.13E-09	6.49E-01	6.49E-01	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MW306	3.62E-04	6.07E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.11E-02	2.43E-08	1.69E-04	1.85E-03	0.00E+00	0.00E+00	1.11E-12	2.18E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.89E-03	9.55E-01	0.00E+00	9.86E-11	2.94E-09	4.68E-04	2.19E-06	1.71E-03	0.00E+00	9.55E-01	2.77E-09	9.55E-01	9.59E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MW310	3.64E-04	6.09E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.24E-02	2.44E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.88E-03	9.44E-01	0.00E+00	9.96E-11	2.95E-09	4.69E-04	2.18E-06	1.71E-03	0.00E+00	9.44E-01	2.77E-09	9.44E-01	9.52E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MW316	3.21E-04	5.06E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.32E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.90E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.78E-03	7.07E-01	0.00E+00	7.77E-11	2.61E-09	4.16E-04	1.27E-06	9.43E-04	0.00E+00	7.07E-01	1.99E-09	7.07E-01	7.08E-01	9.43E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MW320	3.71E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.83E-02	2.20E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.05E-03	8.16E-01	0.00E+00	8.97E-11	3.01E-09	4.81E-04	1.46E-06	1.09E-03	0.00E+00	8.16E-01	2.30E-09	8.16E-01	8.18E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MW325	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MW332	4.17E-04	6.58E-02	0.00E+00	6.58E-02	0.00E+00	0.00E+00	4.31E-02	2.47E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.31E-03	9.19E-01	0.00E+00	1.01E-10	3.39E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.20E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MW340	4.17E-04	6.57E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.31E-02	2.47E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.31E-03	9.18E-01	0.00E+00	1.01E-10	3.39E-09	5.40E-04	1.64E-06	1.22E-03	0.00E+00	9.18E-01	2.59E-09	9.18E-01	9.19E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MW350	4.34E-04	7.08E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	5.14E-02	3.11E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.35E-12	2.53E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-06	2.83E-03	1.15E+00	0.00E+00	1.21E-10	3.53E-09	5.63E-04	2.03E-06	1.53E-03	0.00E+00	1.15E+00	3.29E-09	1.15E+00	1.15E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
MW363	4.36E-04	7.10E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	5.17E-02	3.12E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.35E-12	2.54E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.86E-03	1.15E+00	0.00E+00	1.23E-10	3.55E-09	5.64E-04	2.08E-06	1.54E-03	0.00E+00	1.15E+00	3.29E-09	1.15E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04

MW406	4.81E-04	8.06E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.73E-02	3.04E-08	2.24E-04	2.52E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.59E-03	1.34E+00	0.00E+00	1.26E-10	3.84E-09	6.25E-04	2.56E-06	1.95E-03	0.00E+00	1.34E+00	3.53E-09	1.34E+00	1.33E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MW410	4.81E-04	8.07E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.68E-02	3.03E-08	2.24E-04	2.53E-03	0.00E+00	0.00E+00	1.40E-12	3.23E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.60E-03	1.33E+00	0.00E+00	1.26E-10	3.84E-09	6.26E-04	2.55E-06	1.94E-03	0.00E+00	1.33E+00	3.53E-09	1.33E+00	1.33E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MW416	4.91E-04	8.29E-02	0.00E+00	8.46E-02	0.00E+00	0.00E+00	5.75E-02	3.09E-08	2.31E-04	2.60E-03	0.00E+00	0.00E+00	1.45E-12	3.27E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-06	3.65E-03	1.34E+00	0.00E+00	1.29E-10	4.00E-09	6.46E-04	2.59E-06	1.97E-03	0.00E+00	1.34E+00	3.58E-09	1.34E+00	1.34E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MW420	4.82E-04	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.12E-02	2.94E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.39E-12	2.66E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.74E-03	1.08E+00	0.00E+00	1.20E-10	3.96E-09	6.31E-04	1.92E-06	1.45E-03	0.00E+00	1.08E+00	3.10E-09	1.08E+00	1.08E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
MW425	4.98E-04	7.27E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.70E-02	2.01E-08	2.14E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.38E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.36E-03	9.39E-01	0.00E+00	1.09E-10	3.78E-09	5.91E-04	1.64E-06	1.20E-03	0.00E+00	9.39E-01	2.05E-09	9.39E-01	9.34E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MW432	5.96E-04	9.00E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.58E-02	3.21E-08	2.86E-04	2.99E-03	0.00E+00	0.00E+00	1.60E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-06	3.00E-03	1.20E+00	0.00E+00	1.33E-10	4.50E-09	7.69E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.37E-09	1.20E+00	1.19E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MW440	6.09E-04	9.15E-02	0.00E+00	9.16E-02	0.00E+00	0.00E+00	5.86E-02	3.31E-08	2.88E-04	3.04E-03	0.00E+00	0.00E+00	1.65E-12	3.06E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-06	3.09E-03	1.23E+00	0.00E+00	1.40E-10	4.61E-09	8.00E-04	2.23E-06	1.65E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MWN102A	1.40E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.39E-09	6.64E-05	7.38E-04	0.00E+00	0.00E+00	3.92E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.84E-04	3.11E-01	0.00E+00	3.40E-11	1.14E-09	1.83E-04	5.59E-07	4.16E-04	0.00E+00	3.11E-01	8.82E-10	3.11E-01	3.11E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MWN104A	1.41E-04	2.23E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.60E-02	8.80E-09	6.43E-05	7.19E-04	0.00E+00	0.00E+00	4.03E-13	8.11E-12	6.08E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.00E-03	3.18E-01	0.00E+00	3.42E-11	1.12E-09	1.79E-04	7.27E-07	5.47E-04	0.00E+00	3.18E-01	1.07E-09	3.18E-01	3.18E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MWN106	1.07E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.13E-02	6.53E-09	5.00E-05	5.48E-04	0.00E+00	0.00E+00	3.04E-13	5.93E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.01E-04	2.38E-01	0.00E+00	2.68E-11	8.65E-10	1.38E-04	4.27E-07	3.18E-04	0.00E+00	2.38E-01	6.85E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MWN106A	1.43E-04	1.87E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.22E-02	9.45E-09	7.10E-05	7.99E-04	0.00E+00	0.00E+00	3.22E-13	6.28E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	9.57E-04	2.53E-01	0.00E+00	2.79E-11	1.19E-09	2.10E-04	7.07E-07	5.31E-04	0.00E+00	2.53E-01	1.19E-09	2.53E-01	2.54E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05
MWN110	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.41E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.54E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.54E-01	7.18E-10	2.54E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MWN110A	1.46E-04	1.90E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.43E-02	9.62E-09	7.13E-05	7.93E-04	0.00E+00	0.00E+00	3.47E-13	7.15E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	9.74E-04	2.59E-01	0.00E+00	2.91E-11	1.21E-09	2.12E-04	7.15E-07	5.41E-04	0.00E+00	2.59E-01	1.22E-09	2.59E-01	2.59E-01	5.41E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-05
MWN116	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.29E-09	4.98E-05	5.46E-04	0.00E+00	0.00E+00	2.95E-13	5.70E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.89E-04	2.34E-01	0.00E+00	2.57E-11	8.64E-10	1.38E-04	4.19E-07	3.12E-04	0.00E+00	2.34E-01	6.60E-10	2.34E-01	2.34E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-05
MWN116A	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.43E-05	5.96E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.39E-04	2.54E-01	0.00E+00	2.81E-11	9.40E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.54E-01	7.19E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
MWN120	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.56E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.07E-13	5.95E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.14E-04	2.44E-01	0.00E+00	2.68E-11	9.01E-10	1.44E-04	4.37E-07	3.26E-04	0.00E+00	2.44E-01	6.88E-10	2.44E-01	2.44E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MWN120A	1.17E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.48E-05	6.02E-04	0.00E+00	0.00E+00	3.28E-13	6.33E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.53E-04	2.60E-01	0.00E+00	2.85E-11	9.59E-10	1.52E-04	4.66E-07	3.47E-04	0.00E+00	2.60E-01	7.31E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
MWN125	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.97E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
MWN125A	1.22E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.33E-09	5.73E-05	6.27E-04	0.00E+00	0.00E+00	3.44E-13	6.69E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.88E-04	2.73E-01	0.00E+00	3.01E-11	1.00E-09	1.59E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-05
MWN132	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MWN132A	1.44E-04	2.65E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.67E-02	1.05E-08	6.58E-05	7.27E-04	0.00E+00	0.00E+00	4.85E-13	9.82E-12	7.55E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	1.27E-03	3.98E-01	0.00E+00	3.72E-11	1.15E-09	1.87E-04	8.94E-07	6.61E-04	0.00E+00	3.98E-01	1.29E-09	3.98E-01	4.11E-01	6.61E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05
MWN140	4.98E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.50E-02	8.59E-09	1.33E-04	1.49E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.25E-04	3.25E-01	0.00E+00	3.51E-11	2.99E-09	3.84E-04	5.85E-07	4.37E-04	0.00E+00	3.25E-01	8.97E-10	3.25E-01	3.24E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
MWN140A	1.91E-04	4.58E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	3.20E-02	2.62E-08	9.85E-05	1.08E-03	0.00E+00	0.00E+00	8.21E-13	1.76E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	3.66E-03	6.64E-01	0.00E+00	7.83E-11	1.77E-09	2.79E-04	2.87E-06	2.21E-03	0.00E+00	6.64E-01	2.86E-09	6.64E-01	6.66E-01	2.21E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MWN150	1.50E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.63E-09	6.96E-05	7.51E-04	0.00E+00	0.00E+00	4.04E-13	7.85E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.14E-04	3.20E-01	0.00E+00	3.55E-11	1.22E-09	1.95E-04	5.82E-07	4.35E-04	0.00E+00	3.20E-01	9.11E-10	3.20E-01	3.20E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
MWN202A	2.80E-04	4.53E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	2.97E-02	1.93E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	7.82E-13	1.61E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.57E-03	6.30E-01	0.00E+00	7.40E-11	2.31E-09	3.71E-04	1.12E-06	8.49E-04	0.00E+00	6.30E-01	2.00E-09	6.30E-01	6.32E-01	8.49E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MWN204A	2.83E-04	4.54E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.02E-02	2.10E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	7.84E-13	1.66E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.62E-03	6.30E-01	0.00E+00	7.37E-11	2.34E-09	3.76E-04	1.17E-06	8.86E-04	0.00E+00	6.30E-01	2.22E-09	6.30E-01	6.32E-01	8.86E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MWN206	2.40E-04	3.89E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.63E-02	1.93E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	6.74E-13	1.49E-11	9.74E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.40E-03	5.38E-01	0.00E+00	6.89E-11	2.01E-09	3.28E-04	1.02E-06	7.75E-04	0.00E+00	5.38E-01	2.01E-09	5.38E-01	5.38E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MWN206A	2.93E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	2.11E-02	1.08E-08	1.05E-04	1.23E-03	0.00E+00	0.00E+00	5.22E-13	1.03E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	9.14E-04	4.40E-01	0.00E+00	5.01E-11	2.06E-09	2.82E-04	6.23E-07	4.82E-04	0.00E+00	4.40E-01	1.09E-09	4.40E-01	4.33E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWN210	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MWN210A	2.93E-04	3.28E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	2.10E-02	1.08E-08	1.04E-04	1.23E-03	0.00E+00	0.00E+00	5.21E-13	1.03E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	9.14E-04	4.40E-01	0.00E+00	5.01E-11	2.06E-09	2.83E-04	6.22E-07	4.81E-04	0.00E+00	4.40E-01	1.08E-09	4.40E-01	4.32E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MWN216	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MWN216A	2.93E-04	3.28E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	2.12E-02	1.09E-08	1.04E-04	1.23E-03	0.00E+00	0.00E+00	5.21E-13	1.03E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	9.15E-04	4.39E-01	0.00E+00	5.04E-11	2.06E-09	2.83E-04	6.22E-07	4.81E-04	0.00E+00	4.39E-01	1.10E-09	4.39E-01	4.32E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWN220	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.54E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.80E-13	1.32E-11	9.43E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.40E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.68E-07	7.20E-04	0.00E+00	5.40E-01	1.52E-09	5.40E-01	5.41E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MWN220A	3.11E-04	3.30E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.12E-02	1.09E-08	1.10E-04	1.29E-03	0.00E+00	0.00E+00	5.21E-13	1.04E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	9.15E-04	4.42E-01	0.00E+00	5.06E-11	2.08E-09	3.02E-04	6.21E-07	4.81E-04	0.00E+00	4.42E-01	1.10E-09	4.42E-01	4.33E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWN225	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.86E-13	1.33E-11	9.50E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.44E-01	0.00E+00	5.98E-11	2.01E-09	3.20E-04	9.75E-07	7.26E-04	0.00E+00	5.44E-01	1.54E-09	5.44E-01	5.45E-01	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MWN225A	3.20E-04	3.63E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.32E-02	1.17E-08	1.16E-04	1.35E-03	0.00E+00	0.00E+00	5.61E-13	1.12E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	9.27E-04	4.74E-01	0.00E+00	5.62E-11	2.25E-09	3.14E-04	6.35E-07	4.90E-04	0.00E+00	4.74E-01	1.16E-09	4.74E-01	4.61E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MWN232	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MWN232A	3.57E-04	4.68E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	3.40E-02	2.12E-08	1.59E-04	1.81E-03	0.00E+00	0.00E+00	7.95E-13	1.74E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.69E-03	6.46E-01	0.00E+00	7.75E-11	2.60E-09	4.58E-04	1.21E-06	9.15E-04	0.00E+00	6.46E-01	2.23E-09	6.46E-01	6.46E-01	9.15E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MWN240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MWN240A	3.58E-04	4.71E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.40E-02	2.14E-08	1.60E-04	1.82E-03	0.00E+00	0.00E+00	7.98E-13	1.74E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.69E-03	6.46E-01	0.00E+00	7.82E-11	2.61E-09	4.60E-04	1.22E-06	9.26E-04	0.00E+00	6.46E-01	2.25E-09	6.46E-01	6.47E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MWN250	3.91E-04	4.22E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	3.07E-02	1.66E-08	1.51E-04	1.71E-03	0.00E+00	0.00E+00	7.02E-13	1.37E-11	9.11E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.41E-03	5.34E-01	0.00E+00	6.65E-11	2.73E-09	4.26E-04	1.01E-06	7.60E-04	0.00E+00	5.34E-01	1.73E-09	5.34E-01	5.21E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MWN263	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.74E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.46E-01	0.00E+00	7.10E-11	2.38E-09	3.80E-04	1.16E-06	8.62E-04	0.00E+00	6.46E-01	1.82E-09	6.46E-01	6.47E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MWN302A	4.33E-04	6.55E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.30E-02	2.47E-08	1.96E-04	2.16E-03	0.00E+00	0.00E+00	1.15E-12	2.24E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-06	2.30E-03	9.12E-01	0.00E+00	1.00E-10	3.40E-09	5.45E-04	1.64E-06	1.22E-03	0.00E+00	9.12E-01	2.57E-09	9.12E-01	9.18E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MWN304A	4.33E-04	6.75E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.62E-02	2.61E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.58E-03	1.02E+00	0.00E+00	1.09E-10	3.40E-09	5.46E-04	1.83E-06	1.35E-03	0.00E+00	1.02E+00	2.79E-09	1.02E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MWN306	3.56E-04	6.00E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	4.10E-02	2.40E-08	1.67E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.15E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.42E-03	9.55E-01	0.00E+00	9.82E-11	2.89E-09	4.62E-04	1.67E-06	1.26E-03	0.00E+00	9.55E-01	2.55E-09	9.55E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MWN306A	3.53E-04	5.97E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	4.07E-02	2.39E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	1.09E-12	2.14E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.42E-03	9.53E-01	0.00E+00	9.77E-11	2.86E-09	4.61E-04	1.67E-06	1.26E-03	0.00E+00	9.53E-01	2.52E-09	9.53E-01	9.52E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MWN310	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MWN310A	3.56E-04	6.01E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	4.08E-02	2.39E-08	1.67E-04	1.84E-03	0.00E+00	0.00E+00	1.10E-12	2.15E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.40E-03	9.43E-01	0.00E+00	9.82E-11	2.89E-09	4.64E-04	1.66E-06	1.25E-03	0.00E+00	9.43E-01	2.53E-09	9.43E-01	9.46E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MWN316	3.10E-04	4.89E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	3.21E-02	1.84E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.60E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-06	1.72E-03	6.83E-01	0.00E+00	7.50E-11	2.52E-09	4.02E-04	1.22E-06	9.11E-04	0.00E+00	6.83E-01	1.93E-09	6.83E-01	6.84E-01	9.11E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MWN316A	3.57E-04	5.60E-02	0.00E+00	5.59E-02	0.00E+00	0.00E+00	3.65E-02	2.10E-08	1.67E-04	1.83E-03	0.00E+00	0.00E+00	9.86E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.82E-01	0.00E+00	8.55E-11	2.90E-09	4.64E-04	1.40E-06	1.04E-03	0.00E+00	7.82E-01	2.20E-09	7.82E-01	7.82E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MWN320	3.66E-04	5.77E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.06E-01	0.00E+00	8.86E-11	2.98E-09	4.75E-04	1.44E-06	1.08E-03	0.00E+00	8.06E-01	2.27E-09	8.06E-01	8.07E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MWN320A	3.85E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.47E-02	1.68E-08	1.67E-04	1.85E-03	0.00E+00	0.00E+00	9.86E-13	1.74E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-06	1.75E-03	7.75E-01	0.00E+00	8.18E-11	2.92E-09	4.60E-04	1.24E-06	9.23E-04	0.00E+00	7.75E-01	1.70E-09	7.75E-01	7.74E-01	9.23E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MWN325	3.68E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.89E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-06	2.04E-03	8.11E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.11E-01	2.29E-09	8.11E-01	8.12E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MWN325A	3.64E-04	6.10E-02	0.00E+00	6.17E-02	0.00E+00	0.00E+00	4.18E-02	2.42E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.12E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.44E-03	9.59E-01	0.00E+00	1.00E-10	2.96E-09	4.72E-04	1.66E-06	1.27E-03	0.00E+00	9.59E-01	2.57E-09	9.59E-01	9.62E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MWN332	4.03E-04	6.35E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.23E-03	8.87E-01	0.00E+00	9.75E-11	3.28E-09	5.22E-04	1.59E-06	1.18E-03	0.00E+00	8.87E-01	2.50E-09	8.87E-01	8.88E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MWN332A	4.85E-04	7.17E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.29E-04	2.41E-03	0.00E+00	0.00E+00	1.36E-12	2.35E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.50E-03	9.90E-01	0.00E+00	1.08E-10	3.71E-09	6.33E-04	1.85E-06	1.34E-03	0.00E+00	9.90E-01	2.77E-09	9.90E-01	9.77E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MWN340	4.06E-04	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.95E-01	0.00E+00	9.83E-11	3.30E-09	5.27E-04	1.60E-06	1.19E-03	0.00E+00	8.95E-01	2.52E-09	8.95E-01	8.96E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MWN340A	4.78E-04	7.16E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.58E-02	2.59E-08	2.29E-04	2.40E-03	0.00E+00	0.00E+00	1.38E-12	2.35E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.55E-03	1.01E+00	0.00E+00	1.13E-10	3.72E-09	6.32E-04	1.92E-06	1.37E-03	0.00E+00	1.01E+00	2.81E-09	1.01E+00	9.97E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MWN350	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MWN363	4.43E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.07E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.74E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MWN406	4.70E-04	7.36E-02	0.00E+00	7.38E-02	0.00E+00	0.00E+00	4.83E-02	2.78E-08	2.20E-04	2.42E-03	0.00E+00	0.00E+00	1.30E-12	2.53E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	3.04E-03	1.04E+00	0.00E+00	1.15E-10	3.81E-09	6.11E-04	2.31E-06	1.78E-03	0.00E+00	1.04E+00	3.10E-09	1.04E+00	1.04E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MWN410	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MWN416	4.19E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.16E-03	0.00E+00	0.00E+00	1.16E-12	2.25E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.23E-01	0.00E+00	1.01E-10	3.41E-09	5.44E-04	1.65E-06	1.23E-03	0.00E+00	9.23E-01	2.61E-09	9.23E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MWN420	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MWN425	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MWN432	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MWN440	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MWN450	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MWN463	5.82E-04	9.18E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	6.02E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.73E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MWN510	2.20E-04	3.39E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.23E-02	1.35E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	5.39E-13	1.09E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	1.06E-03	4.51E-01	0.00E+00	5.16E-11	1.78E-09	2.83E-04	7.69E-07	5.81E-04	0.00E+00	4.51E-01	1.43E-09	4.51E-01	4.38E-01	5.81E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MWN516	2.94E-04	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	2.11E-02	1.09E-08	1.04E-04	1.23E-03	0.00E+00	0.00E+00	5.19E-13	1.03E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	9.15E-04	4.39E-01	0.00E+00	5.03E-11	2.06E-09	2.82E-04	6.26E-07	4.82E-04	0.00E+00	4.39E-01	1.10E-09	4.39E-01	4.30E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWN520	2.94E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.11E-02	1.09E-08	1.05E-04	1.23E-03	0.00E+00	0.00E+00	5.20E-13	1.04E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	9.16E-04	4.40E-01	0.00E+00	5.04E-11	2.06E-09	2.84E-04	6.26E-07	4.82E-04	0.00E+00	4.40E-01	1.10E-09	4.40E-01	4.30E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWN525	2.40E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.55E-02	2.29E-08	1.16E-04	1.32E-03	0.00E+00	0.00E+00	6.47E-13	1.53E-11	9.42E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.64E-03	5.14E-01	0.00E+00	6.88E-11	2.10E-09	3.39E-04	1.43E-06	1.08E-03	0.00E+00	5.14E-01	2.40E-09	5.14E-01	5.17E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MWN532	2.73E-04	4.39E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.91E-02	1.95E-08	1.30E-04	1.44E-03	0.00E+00	0.00E+00	7.63E-13	1.57E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-06	1.57E-03	6.10E-01	0.00E+00	7.50E-11	2.25E-09	3.62E-04	1.14E-06	8.45E-04	0.00E+00	6.10E-01	2.02E-09	6.10E-01	6.12E-01	8.45E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MWN540	2.77E-04	4.47E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.00E-02	2.21E-08	1.31E-04	1.45E-03	0.00E+00	0.00E+00	7.79E-13	1.65E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.64E-03	6.17E-01	0.00E+00	7.63E-11	2.27E-09	3.68E-04	1.20E-06	8.99E-04	0.00E+00	6.17E-01	2.28E-09	6.17E-01	6.21E-01	8.99E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MWN602A	5.45E-04	8.55E-02	0.00E+00	8.53E-02	0.00E+00	0.00E+00	5.50E-02	3.21E-08	2.55E-04	2.79E-03	0.00E+00	0.00E+00	1.49E-12	2.91E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-06	2.94E-03	1.17E+00	0.00E+00	1.29E-10	4.41E-09	7.04E-04	2.10E-06	1.55E-03	0.00E+00	1.17E+00	3.37E-09	1.17E+00	1.17E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MWN604A	5.53E-04	9.02E-02	0.00E+00	9.13E-02	0.00E+00	0.00E+00	6.06E-02	3.37E-08	2.56E-04	2.87E-03	0.00E+00	0.00E+00	1.54E-12	3.47E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.67E-03	1.41E+00	0.00E+00	1.37E-10	4.45E-09	7.21E-04	2.67E-06	1.99E-03	0.00E+00	1.41E+00	3.81E-09	1.41E+00	1.39E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
MWN606A	4.70E-04	7.38E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	4.83E-02	2.76E-08	2.20E-04	2.42E-03	0.00E+00	0.00E+00	1.30E-12	2.53E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.59E-03	1.03E+00	0.00E+00	1.15E-10	3.82E-09	6.10E-04	1.85E-06	1.37E-03	0.00E+00	1.03E+00	2.89E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MWN610A	4.54E-04	7.18E-02	0.00E+00	7.17E-02	0.00E+00	0.00E+00	4.75E-02	2.69E-08	2.13E-04	2.33E-03	0.00E+00	0.00E+00	1.26E-12	2.45E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.53E-03	1.02E+00	0.00E+00	1.11E-10	3.70E-09	5.89E-04	1.80E-06	1.34E-03	0.00E+00	1.02E+00	2.82E-09	1.02E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MWN616A	4.72E-04	7.00E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.57E-02	2.52E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.22E-12	2.37E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.33E-03	9.12E-01	0.00E+00	1.07E-10	3.84E-09	6.12E-04	1.65E-06	1.22E-03	0.00E+00	9.12E-01	2.65E-09	9.12E-01	9.08E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MWN620A	4.85E-04	7.09E-02	0.00E+00	7.13E-02	0.00E+00	0.00E+00	4.68E-02	2.18E-08	2.16E-04	2.36E-03	0.00E+00	0.00E+00	1.24E-12	2.35E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.34E-03	9.17E-01	0.00E+00	1.07E-10	3.81E-09	6.01E-04	1.66E-06	1.21E-03	0.00E+00	9.17E-01	2.28E-09	9.17E-01	9.09E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MWN625A	4.85E-04	7.11E-02	0.00E+00	7.16E-02	0.00E+00	0.00E+00	4.69E-02	2.02E-08	2.15E-04	2.36E-03	0.00E+00	0.00E+00	1.24E-12	2.34E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.33E-03	9.19E-01	0.00E+00	1.07E-10	3.81E-09	5.98E-04	1.66E-06	1.21E-03	0.00E+00	9.19E-01	2.14E-09	9.19E-01	9.12E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MWN632A	5.57E-04	9.18E-02	0.00E+00	9.28E-02	0.00E+00	0.00E+00	6.40E-02	3.94E-08	2.57E-04	2.88E-03	0.00E+00	0.00E+00	1.59E-12	3.62E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-06	5.57E-03	1.42E+00	0.00E+00	1.39E-10	4.49E-09	7.22E-04	4.46E-06	3.36E-03	0.00E+00	1.42E+00	4.17E-09	1.42E+00	1.42E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	3.62E-04
MWN640A	6.68E-04	9.15E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	5.85E-02	3.32E-08	3.00E-04	3.21E-03	0.00E+00	0.00E+00	1.65E-12	3.06E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-06	3.08E-03	1.23E+00	0.00E+00	1.38E-10	4.91E-09	8.46E-04	2.21E-06	1.63E-03	0.00E+00	1.23E+00	3.48E-09	1.23E+00	1.23E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
MWS206A	2.27E-04	3.73E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.44E-02	1.88E-08	1.12E-04	1.24E-03	0.00E+00	0.00E+00	6.37E-13	1.42E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.35E-03	5.15E-01	0.00E+00	6.59E-11	1.92E-09	3.15E-04	9.79E-07	7.45E-04	0.00E+00	5.15E-01	1.95E-09	5.15E-01	5.16E-01	7.45E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04

MWS210A	2.26E-04	3.68E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.42E-02	1.86E-08	1.11E-04	1.23E-03	0.00E+00	0.00E+00	6.27E-13	1.40E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.33E-03	5.06E-01	0.00E+00	6.62E-11	1.90E-09	3.12E-04	9.68E-07	7.40E-04	0.00E+00	5.06E-01	1.95E-09	5.06E-01	5.05E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MWS216A	2.96E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.08E-02	1.06E-08	1.06E-04	1.25E-03	0.00E+00	0.00E+00	5.10E-13	1.02E-11	7.26E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	9.13E-04	4.41E-01	0.00E+00	4.96E-11	2.07E-09	2.86E-04	6.22E-07	4.81E-04	0.00E+00	4.41E-01	1.08E-09	4.41E-01	4.33E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
MWS220A	3.09E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.14E-02	1.10E-08	1.15E-04	1.34E-03	0.00E+00	0.00E+00	5.30E-13	1.05E-11	7.31E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	9.16E-04	4.50E-01	0.00E+00	5.14E-11	2.15E-09	3.14E-04	6.25E-07	4.81E-04	0.00E+00	4.50E-01	1.10E-09	4.50E-01	4.41E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
MWS225A	3.25E-04	3.68E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.35E-02	1.18E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.67E-13	1.13E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	9.23E-04	4.78E-01	0.00E+00	5.72E-11	2.29E-09	3.22E-04	6.30E-07	4.88E-04	0.00E+00	4.78E-01	1.18E-09	4.78E-01	4.66E-01	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
MWS232A	3.29E-04	4.65E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.40E-02	2.17E-08	1.48E-04	1.65E-03	0.00E+00	0.00E+00	8.10E-13	1.75E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.71E-03	6.48E-01	0.00E+00	7.90E-11	2.51E-09	4.10E-04	1.23E-06	9.26E-04	0.00E+00	6.48E-01	2.25E-09	6.48E-01	6.50E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MWS240A	3.32E-04	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.40E-02	2.17E-08	1.49E-04	1.66E-03	0.00E+00	0.00E+00	8.22E-13	1.75E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-06	1.72E-03	6.55E-01	0.00E+00	7.98E-11	2.52E-09	4.12E-04	1.25E-06	9.35E-04	0.00E+00	6.55E-01	2.26E-09	6.55E-01	6.55E-01	9.35E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MWS306A	3.58E-04	6.61E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.55E-02	2.57E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	1.19E-12	2.81E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-06	3.30E-03	1.24E+00	0.00E+00	1.07E-10	2.95E-09	4.67E-04	2.41E-06	1.85E-03	0.00E+00	1.24E+00	3.08E-09	1.24E+00	1.25E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MWS310A	3.29E-04	5.71E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.73E-02	2.26E-08	1.56E-04	1.70E-03	0.00E+00	0.00E+00	1.03E-12	2.05E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.40E-03	9.31E-01	0.00E+00	8.82E-11	2.68E-09	4.28E-04	1.62E-06	1.22E-03	0.00E+00	9.31E-01	2.44E-09	9.31E-01	9.23E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MWS316A	3.50E-04	5.84E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	4.03E-02	2.30E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.40E-03	9.39E-01	0.00E+00	9.57E-11	2.82E-09	4.50E-04	1.63E-06	1.23E-03	0.00E+00	9.39E-01	2.46E-09	9.39E-01	9.33E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MWS320A	3.78E-04	5.24E-02	0.00E+00	5.28E-02	0.00E+00	0.00E+00	3.31E-02	1.63E-08	1.63E-04	1.82E-03	0.00E+00	0.00E+00	9.27E-13	1.64E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.68E-03	7.34E-01	0.00E+00	7.77E-11	2.85E-09	4.51E-04	1.20E-06	8.89E-04	0.00E+00	7.34E-01	1.62E-09	7.34E-01	7.35E-01	8.89E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MWS325A	3.93E-04	5.68E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	3.47E-02	1.76E-08	1.70E-04	1.89E-03	0.00E+00	0.00E+00	1.01E-12	1.77E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.82E-03	8.02E-01	0.00E+00	8.40E-11	2.97E-09	4.71E-04	1.28E-06	9.53E-04	0.00E+00	8.02E-01	1.79E-09	8.02E-01	8.03E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MWS332A	4.18E-04	6.67E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.61E-02	2.63E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.30E-12	2.38E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.67E-03	1.05E+00	0.00E+00	1.13E-10	3.37E-09	5.41E-04	1.90E-06	1.41E-03	0.00E+00	1.05E+00	2.80E-09	1.05E+00	1.05E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MWS340A	4.18E-04	6.70E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.84E-02	2.86E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.31E-12	2.41E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.73E-03	1.10E+00	0.00E+00	1.18E-10	3.38E-09	5.41E-04	1.98E-06	1.45E-03	0.00E+00	1.10E+00	3.12E-09	1.10E+00	1.10E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MWS606A	4.56E-04	7.73E-02	0.00E+00	7.91E-02	0.00E+00	0.00E+00	5.66E-02	2.92E-08	2.10E-04	2.36E-03	0.00E+00	0.00E+00	1.32E-12	3.25E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	5.27E-03	1.31E+00	0.00E+00	1.19E-10	3.75E-09	6.00E-04	4.13E-06	3.14E-03	0.00E+00	1.31E+00	3.38E-09	1.31E+00	1.30E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MWS610A	4.57E-04	7.68E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.47E-02	2.87E-08	2.12E-04	2.38E-03	0.00E+00	0.00E+00	1.32E-12	3.12E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-06	3.49E-03	1.31E+00	0.00E+00	1.19E-10	3.68E-09	6.00E-04	2.49E-06	1.89E-03	0.00E+00	1.31E+00	3.37E-09	1.31E+00	1.30E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
MWS616A	4.38E-04	6.91E-02	0.00E+00	6.91E-02	0.00E+00	0.00E+00	4.66E-02	2.64E-08	2.05E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.47E-03	1.00E+00	0.00E+00	1.08E-10	3.56E-09	5.69E-04	1.75E-06	1.31E-03	0.00E+00	1.00E+00	2.78E-09	1.00E+00	9.95E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MWS620A	4.44E-04	6.71E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.47E-02	2.14E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.22E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-06	2.29E-03	8.94E-01	0.00E+00	1.02E-10	3.52E-09	5.59E-04	1.61E-06	1.18E-03	0.00E+00	8.94E-01	2.22E-09	8.94E-01	8.89E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MWS625A	4.89E-04	7.16E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	4.71E-02	2.19E-08	2.18E-04	2.38E-03	0.00E+00	0.00E+00	1.26E-12	2.37E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.35E-03	9.17E-01	0.00E+00	1.07E-10	3.83E-09	6.04E-04	1.65E-06	1.22E-03	0.00E+00	9.17E-01	2.27E-09	9.17E-01	9.13E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MWS632A	5.81E-04	8.95E-02	0.00E+00	8.96E-02	0.00E+00	0.00E+00	5.89E-02	3.26E-08	2.69E-04	3.06E-03	0.00E+00	0.00E+00	1.56E-12	3.17E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-06	3.42E-03	1.32E+00	0.00E+00	1.36E-10	4.60E-09	7.61E-04	2.53E-06	1.90E-03	0.00E+00	1.32E+00	3.63E-09	1.32E+00	1.32E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
MWS640A	5.73E-04	8.72E-02	0.00E+00	8.71E-02	0.00E+00	0.00E+00	5.67E-02	3.24E-08	2.66E-04	2.96E-03	0.00E+00	0.00E+00	1.55E-12	2.93E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.32E-03	1.20E+00	0.00E+00	1.36E-10	4.55E-09	7.45E-04	2.51E-06	1.88E-03	0.00E+00	1.20E+00	3.60E-09	1.20E+00	1.20E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
MX106	1.47E-04	2.67E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.62E-02	1.26E-08	7.70E-05	8.10E-04	0.00E+00	0.00E+00	4.66E-13	1.10E-11	7.72E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.31E-03	3.86E-01	0.00E+00	3.47E-11	1.22E-09	2.18E-04	9.33E-07	6.92E-04	0.00E+00	3.86E-01	1.46E-09	3.86E-01	4.02E-01	6.92E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MX110	9.45E-05	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	2.55E-02	1.68E-08	4.12E-05	4.94E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.99E-04	2.69E-01	0.00E+00	4.13E-11	8.01E-10	1.18E-04	5.10E-07	3.88E-04	0.00E+00	2.69E-01	1.53E-09	2.69E-01	2.70E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MX113	1.39E-04	2.01E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.72E-02	1.28E-08	5.92E-05	6.93E-04	0.00E+00	0.00E+00	3.64E-13	7.55E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.89E-04	2.76E-01	0.00E+00	3.97E-11	1.07E-09	1.73E-04	7.26E-07	5.51E-04	0.00E+00	2.76E-01	1.45E-09	2.76E-01	2.77E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MX116	1.08E-04	1.73E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	5.04E-05	5.52E-04	0.00E+00	0.00E+00	3.04E-13	5.94E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.06E-04	2.40E-01	0.00E+00	2.68E-11	8.80E-10	1.39E-04	4.31E-07	3.21E-04	0.00E+00	2.40E-01	6.86E-10	2.40E-01	2.40E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MX120	1.38E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.53E-02	8.31E-09	6.30E-05	7.26E-04	0.00E+00	0.00E+00	3.52E-13	6.82E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	7.20E-04	2.79E-01	0.00E+00	3.74E-11	1.10E-09	1.77E-04	5.10E-07	3.80E-04	0.00E+00	2.79E-01	9.11E-10	2.79E-01	2.80E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-05
MX125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.55E-02	8.40E-09	5.95E-05	6.53E-04	0.00E+00	0.00E+00	3.55E-13	6.93E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.22E-04	2.81E-01	0.00E+00	3.80E-11	1.04E-09	1.65E-04	5.11E-07	3.81E-04	0.00E+00	2.81E-01	9.20E-10	2.81E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
MX132	4.96E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.49E-02	8.61E-09	1.33E-04	1.49E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.26E-04	3.25E-01	0.00E+00	3.51E-11	2.98E-09	3.86E-04	5.82E-07	4.36E-04	0.00E+00	3.25E-01	8.98E-10	3.25E-01	3.24E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
MX140	4.96E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.50E-02	1.10E-08	1.32E-04	1.48E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	1.05E-03	3.32E-01	0.00E+00	3.51E-11	2.97E-09	3.85E-04	7.70E-07	5.68E-04	0.00E+00	3.32E-01	1.33E-09	3.32E-01	3.32E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
MX206	2.49E-04	4.04E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.69E-02	1.97E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	6.95E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.46E-03	5.57E-01	0.00E+00	6.96E-11	2.07E-09	3.34E-04	1.06E-06	7.98E-04	0.00E+00	5.57E-01	2.01E-09	5.57E-01	5.56E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MX210	2.52E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.88E-02	1.97E-08	1.20E-04	1.32E-03	0.00E+00	0.00E+00	7.00E-13	1.54E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.48E-03	5.61E-01	0.00E+00	7.05E-11	2.09E-09	3.37E-04	1.07E-06	8.06E-04	0.00E+00	5.61E-01	2.02E-09	5.61E-01	5.62E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MX213	2.54E-04	4.10E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.91E-02	1.96E-08	1.21E-04	1.34E-03	0.00E+00	0.00E+00	7.05E-13	1.55E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.47E-03	5.65E-01	0.00E+00	7.02E-11	2.11E-09	3.40E-04	1.07E-06	8.08E-04	0.00E+00	5.65E-01	2.02E-09	5.65E-01	5.66E-01	8.08E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MX216	2.54E-04	4.10E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.91E-02	1.96E-08	1.21E-04	1.34E-03	0.00E+00	0.00E+00	7.04E-13	1.55E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.47E-03	5.64E-01	0.00E+00	6.98E-11	2.11E-09	3.40E-04	1.07E-06	8.08E-04	0.00E+00	5.64E-01	2.02E-09	5.64E-01	5.65E-01	8.08E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MX220	2.51E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.89E-02	1.73E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.04E-13	1.48E-11	9.99E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.42E-03	5.64E-01	0.00E+00	7.00E-11	2.07E-09	3.30E-04	1.02E-06	7.68E-04	0.00E+00	5.64E-01	1.80E-09	5.64E-01	5.65E-01	7.68E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MX225	3.25E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.48E-02	1.30E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.76E-13	1.14E-11	7.72E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	9.27E-04	4.83E-01	0.00E+00	5.88E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.83E-01	1.32E-09	4.83E-01	4.68E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MX232	4.71E-04	4.79E-02	0.00E+00	4.78E-02	0.00E+00	0.00E+00	3.35E-02	2.09E-08	1.44E-04	1.67E-03	0.00E+00	0.00E+00	8.28E-13	1.77E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.69E-03	6.59E-01	0.00E+00	7.61E-11	2.53E-09	4.20E-04	1.21E-06	9.30E-04	0.00E+00	6.59E-01	2.23E-09	6.59E-01	6.59E-01	9.30E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
MX240	4.75E-04	4.70E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.34E-02	2.01E-08	1.45E-04	1.71E-03	0.00E+00	0.00E+00	8.06E-13	1.72E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-06	1.66E-03	6.48E-01	0.00E+00	7.66E-11	2.52E-09	4.18E-04	1.20E-06	9.03E-04	0.00E+00	6.48E-01	2.07E-09	6.48E-01	6.47E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MX306	3.60E-04	6.06E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	1.66E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.87E-03	9.44E-01	0.00E+00	9.84E-11	2.91E-09	4.63E-04	2.18E-06	1.70E-03	0.00E+00	9.44E-01	2.76E-09	9.44E-01	9.54E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MX310	3.62E-04	6.11E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.24E-02	2.43E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.87E-03	9.45E-01	0.00E+00	9.94E-11	2.95E-09	4.70E-04	2.18E-06	1.70E-03	0.00E+00	9.45E-01	2.77E-09	9.45E-01	9.54E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MX313	3.69E-04	6.16E-02	0.00E+00	6.19E-02	0.00E+00	0.00E+00	4.24E-02	2.42E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.39E-03	9.45E-01	0.00E+00	9.95E-11	3.01E-09	4.79E-04	1.66E-06	1.25E-03	0.00E+00	9.45E-01	2.57E-09	9.45E-01	9.56E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MX316	3.70E-04	6.18E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.24E-02	2.42E-08	1.72E-04	1.90E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-06	2.38E-03	9.45E-01	0.00E+00	9.98E-11	3.01E-09	4.79E-04	1.64E-06	1.25E-03	0.00E+00	9.45E-01	2.57E-09	9.45E-01	9.54E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MX320	3.79E-04	6.26E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	4.34E-02	2.45E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.15E-12	2.24E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.39E-03	9.57E-01	0.00E+00	1.02E-10	3.08E-09	4.91E-04	1.67E-06	1.27E-03	0.00E+00	9.57E-01	2.60E-09	9.57E-01	9.66E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MX325	3.80E-04	5.97E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.94E-02	1.84E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.10E-03	8.40E-01	0.00E+00	9.08E-11	3.01E-09	4.80E-04	1.50E-06	1.10E-03	0.00E+00	8.40E-01	2.00E-09	8.40E-01	8.41E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MX332	5.07E-04	7.24E-02	0.00E+00	7.26E-02	0.00E+00	0.00E+00	4.37E-02	2.60E-08	2.26E-04	2.40E-03	0.00E+00	0.00E+00	1.30E-12	2.35E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.44E-03	9.88E-01	0.00E+00	1.04E-10	3.67E-09	6.29E-04	1.78E-06	1.31E-03	0.00E+00	9.88E-01	2.78E-09	9.88E-01	9.78E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MX340	5.10E-04	7.31E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.61E-02	2.67E-08	2.29E-04	2.43E-03	0.00E+00	0.00E+00	1.40E-12	2.37E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-06	2.59E-03	1.02E+00	0.00E+00	1.16E-10	3.75E-09	6.36E-04	1.95E-06	1.39E-03	0.00E+00	1.02E+00	2.86E-09	1.02E+00	1.02E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
MX406	4.34E-04	6.50E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	4.31E-02	1.96E-08	1.91E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.12E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.24E-03	8.90E-01	0.00E+00	9.96E-11	3.35E-09	5.37E-04	1.60E-06	1.17E-03	0.00E+00	8.90E-01	1.98E-09	8.90E-01	8.88E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MX410	4.32E-04	6.50E-02	0.00E+00	6.51E-02	0.00E+00	0.00E+00	4.28E-02	1.94E-08	1.92E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.25E-03	8.91E-01	0.00E+00	9.98E-11	3.35E-09	5.37E-04	1.60E-06	1.17E-03	0.00E+00	8.91E-01	1.99E-09	8.91E-01	8.88E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MX416	4.85E-04	7.86E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.30E-02	2.91E-08	2.29E-04	2.56E-03	0.00E+00	0.00E+00	1.40E-12	2.83E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	3.27E-03	1.18E+00	0.00E+00	1.22E-10	3.93E-09	6.38E-04	2.40E-06	1.90E-03	0.00E+00	1.18E+00	3.25E-09	1.18E+00	1.17E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MX420	6.55E-04	9.96E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	6.50E-02	4.13E-08	2.89E-04	3.29E-03	0.00E+00	0.00E+00	1.84E-12	3.76E-11	2.46E-04	0.00E+00	0.00E+00	0.00E+00	9.10E-06	6.43E-03	1.60E+00	0.00E+00	1.74E-10	5.27E-09	8.42E-04	4.77E-06	3.76E-03	0.00E+00	1.60E+00	4.30E-09	1.60E+00	1.56E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04
MX425	5.03E-04	7.28E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.69E-02	2.02E-08	2.16E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.38E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-06	2.37E-03	9.42E-01	0.00E+00	1.09E-10	3.80E-09	6.00E-04	1.65E-06	1.21E-03	0.00E+00	9.42E-01	2.07E-09	9.42E-01	9.38E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MX432	6.04E-04	9.21E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	5.82E-02	3.23E-08	2.74E-04	2.99E-03	0.00E+00	0.00E+00	1.63E-12	3.20E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-06	3.42E-03	1.32E+00	0.00E+00	1.36E-10	4.48E-09	7.62E-04	2.55E-06	1.91E-03	0.00E+00	1.32E+00	3.62E-09	1.32E+00	1.31E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
MX440	6.10E-04	9.23E-02	0.00E+00	9.19E-02	0.00E+00	0.00E+00	5.85E-02	3.31E-08	2.77E-04	2.99E-03	0.00E+00	0.00E+00	1.66E-12	3.06E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-06	3.10E-03	1.23E+00	0.00E+00	1.40E-10	4.54E-09	7.66E-04	2.23E-06	1.65E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MXN106	1.46E-04	1.91E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.44E-02	9.67E-09	7.14E-05	7.93E-04	0.00E+00	0.00E+00	3.50E-13	7.19E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	9.80E-04	2.60E-01	0.00E+00	2.92E-11	1.21E-09	2.12E-04	7.22E-07	5.44E-04	0.00E+00	2.60E-01	1.22E-09	2.60E-01	2.60E-01	5.44E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MXN110	1.46E-04	1.90E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.43E-02	9.66E-09	7.13E-05	7.94E-04	0.00E+00	0.00E+00	3.48E-13	7.17E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	9.77E-04	2.59E-01	0.00E+00	2.91E-11	1.21E-09	2.12E-04	7.18E-07	5.41E-04	0.00E+00	2.59E-01	1.22E-09	2.59E-01	2.59E-01	5.41E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MXN116	1.44E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.08E-09	7.44E-05	8.12E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.67E-04	2.65E-01	0.00E+00	2.91E-11	1.20E-09	2.15E-04	4.74E-07	3.54E-04	0.00E+00	2.65E-01	7.44E-10	2.65E-01	2.65E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
MXN150	1.52E-04	2.32E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.66E-02	9.10E-09	7.15E-05	7.89E-04	0.00E+00	0.00E+00	4.21E-13	8.37E-12	6.29E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.04E-03	3.28E-01	0.00E+00	3.60E-11	1.22E-09	1.93E-04	7.57E-07	5.53E-04	0.00E+00	3.28E-01	9.81E-10	3.28E-01	3.28E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	8.82E-05
MXN163	1.56E-04	2.80E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.73E-02	1.09E-08	7.41E-05	8.02E-04	0.00E+00	0.00E+00	5.05E-13	1.02E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	1.29E-03	4.15E-01	0.00E+00	3.92E-11	1.25E-09	2.02E-04	9.01E-07	6.69E-04	0.00E+00	4.15E-01	1.19E-09	4.15E-01	4.28E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	9.56E-05
MXN206	2.59E-04	4.12E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.79E-02	2.01E-08	1.27E-04	1.42E-03	0.00E+00	0.00E+00	7.24E-13	1.59E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.59E-03	5.73E-01	0.00E+00	7.15E-11	2.18E-09	3.66E-04	1.25E-06	9.61E-04	0.00E+00	5.73E-01	2.11E-09	5.73E-01	5.76E-01	9.61E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MXN210	2.40E-04	3.90E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.62E-02	1.91E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.73E-13	1.48E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.40E-03	5.39E-01	0.00E+00	6.74E-11	2.01E-09	3.27E-04	1.01E-06	7.77E-04	0.00E+00	5.39E-01	1.98E-09	5.39E-01	5.39E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MXN216	2.39E-04	3.88E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	2.61E-02	1.67E-08	1.14E-04	1.24E-03	0.00E+00	0.00E+00	6.81E-13	1.42E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-06	1.36E-03	5.38E-01	0.00E+00	6.80E-11	1.98E-09	3.16E-04	9.76E-07	7.34E-04	0.00E+00	5.38E-01	1.73E-09	5.38E-01	5.38E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MXN220	3.29E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.33E-02	1.17E-08	1.23E-04	1.43E-03	0.00E+00	0.00E+00	5.62E-13	1.11E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	9.28E-04	4.78E-01	0.00E+00	5.60E-11	2.31E-09	3.36E-04	6.34E-07	4.90E-04	0.00E+00	4.78E-01	1.16E-09	4.78E-01	4.64E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MXN225	3.24E-04	3.70E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.34E-02	1.18E-08	1.18E-04	1.38E-03	0.00E+00	0.00E+00	5.67E-13	1.13E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	9.32E-04	4.81E-01	0.00E+00	5.65E-11	2.29E-09	3.19E-04	6.38E-07	4.93E-04	0.00E+00	4.81E-01	1.17E-09	4.81E-01	4.66E-01	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MXN232	2.78E-04	4.46E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.00E-02	2.06E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.79E-13	1.65E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-06	1.63E-03	6.16E-01	0.00E+00	7.52E-11	2.27E-09	3.66E-04	1.20E-06	8.95E-04	0.00E+00	6.16E-01	2.17E-09	6.16E-01	6.20E-01	8.95E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MXN240	2.76E-04	4.46E-02	0.00E+00	4.45E-02	0.00E+00	0.00E+00	3.00E-02	2.07E-08	1.33E-04	1.48E-03	0.00E+00	0.00E+00	7.74E-13	1.67E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-06	1.62E-03	6.13E-01	0.00E+00	7.61E-11	2.25E-09	3.66E-04	1.19E-06	8.90E-04	0.00E+00	6.13E-01	2.18E-09	6.13E-01	6.14E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MXN250	2.90E-04	4.64E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	3.12E-02	1.98E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	8.08E-13	1.66E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-06	1.65E-03	6.45E-01	0.00E+00	7.68E-11	2.34E-09	3.76E-04	1.20E-06	8.88E-04	0.00E+00	6.45E-01	2.06E-09	6.45E-01	6.45E-01	8.88E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MXN263	2.99E-04	4.77E-02	0.00E+00	4.78E-02	0.00E+00	0.00E+00	3.20E-02	2.16E-08	1.43E-04	1.58E-03	0.00E+00	0.00E+00	8.31E-13	1.75E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.73E-03	6.62E-01	0.00E+00	7.70E-11	2.42E-09	3.90E-04	1.28E-06	9.52E-04	0.00E+00	6.62E-01	2.28E-09	6.62E-01	6.64E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MXN310	3.54E-04	6.02E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	4.08E-02	2.37E-08	1.67E-04	1.83E-03	0.00E+00	0.00E+00	1.09E-12	2.14E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-06	2.39E-03	9.42E-01	0.00E+00	9.76E-11	2.88E-09	4.61E-04	1.65E-06	1.25E-03	0.00E+00	9.42E-01	2.53E-09	9.42E-01	9.47E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MXN316	4.00E-04	7.23E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	5.20E-02	2.70E-08	1.81E-04	2.03E-03	0.00E+00	0.00E+00	1.26E-12	3.04E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	3.46E-03	1.28E+00	0.00E+00	1.14E-10	3.30E-09	5.21E-04	2.48E-06	1.90E-03	0.00E+00	1.28E+00	3.21E-09	1.28E+00	1.28E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MXN320	3.59E-04	5.60E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	3.58E-02	2.12E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.98E-13	1.82E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.72E-06	1.97E-03	7.90E-01	0.00E+00	8.33E-11	2.88E-09	4.61E-04	1.40E-06	1.03E-03	0.00E+00	7.90E-01	2.03E-09	7.90E-01	7.90E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MXN325	4.08E-04	6.62E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.43E-02	2.51E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.18E-12	2.32E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.45E-03	9.79E-01	0.00E+00	1.04E-10	3.28E-09	5.26E-04	1.71E-06	1.29E-03	0.00E+00	9.79E-01	2.66E-09	9.79E-01	9.83E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MXN350	4.40E-04	7.07E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.83E-02	2.79E-08	2.06E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.47E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.55E-09	5.68E-04	2.03E-06	1.51E-03	0.00E+00	1.11E+00	3.00E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MXN363	4.41E-04	7.09E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.85E-02	2.78E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.35E-12	2.48E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.82E-03	1.12E+00	0.00E+00	1.19E-10	3.56E-09	5.70E-04	2.04E-06	1.51E-03	0.00E+00	1.12E+00	3.00E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MXN406	4.98E-04	8.24E-02	0.00E+00	8.44E-02	0.00E+00	0.00E+00	5.96E-02	3.12E-08	2.26E-04	2.57E-03	0.00E+00	0.00E+00	1.46E-12	3.41E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-06	5.32E-03	1.35E+00	0.00E+00	1.29E-10	4.04E-09	6.43E-04	4.06E-06	3.18E-03	0.00E+00	1.35E+00	3.56E-09	1.35E+00	1.35E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MXN410	5.02E-04	8.37E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.95E-02	3.67E-08	2.29E-04	2.60E-03	0.00E+00	0.00E+00	1.47E-12	3.41E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	5.49E-03	1.35E+00	0.00E+00	1.30E-10	4.08E-09	6.51E-04	4.27E-06	3.31E-03	0.00E+00	1.35E+00	3.93E-09	1.35E+00	1.35E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MXN416	4.81E-04	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	5.01E-02	2.86E-08	2.24E-04	2.46E-03	0.00E+00	0.00E+00	1.33E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.89E-09	6.20E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MXN420	4.89E-04	7.27E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.70E-02	2.49E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.26E-12	2.45E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.37E-03	9.36E-01	0.00E+00	1.09E-10	3.96E-09	6.36E-04	1.68E-06	1.23E-03	0.00E+00	9.36E-01	2.61E-09	9.36E-01	9.30E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MXN425	4.94E-04	7.28E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.71E-02	2.06E-08	2.18E-04	2.39E-03	0.00E+00	0.00E+00	1.28E-12	2.38E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.36E-03	9.39E-01	0.00E+00	1.08E-10	3.85E-09	6.07E-04	1.68E-06	1.23E-03	0.00E+00	9.39E-01	2.22E-09	9.39E-01	9.32E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MXN432	5.20E-04	7.59E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.94E-02	2.10E-08	2.27E-04	2.50E-03	0.00E+00	0.00E+00	1.33E-12	2.48E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.47E-03	9.78E-01	0.00E+00	1.13E-10	4.07E-09	6.36E-04	1.77E-06	1.28E-03	0.00E+00	9.78E-01	2.25E-09	9.78E-01	9.81E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MXN440	5.44E-04	8.60E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.52E-04	2.77E-03	0.00E+00	0.00E+00	1.51E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.33E-03	1.20E+00	0.00E+00	1.32E-10	4.39E-09	7.02E-04	2.49E-06	1.92E-03	0.00E+00	1.20E+00	3.59E-09	1.20E+00	1.20E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MXN450	5.73E-04	8.20E-02	0.00E+00	8.20E-02	0.00E+00	0.00E+00	5.36E-02	2.20E-08	2.45E-04	2.69E-03	0.00E+00	0.00E+00	1.43E-12	2.69E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-06	2.58E-03	1.04E+00	0.00E+00	1.21E-10	4.33E-09	6.76E-04	1.83E-06	1.32E-03	0.00E+00	1.04E+00	2.22E-09	1.04E+00	1.04E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MXN463	5.77E-04	9.09E-02	0.00E+00	9.06E-02	0.00E+00	0.00E+00	5.95E-02	3.40E-08	2.69E-04	2.94E-03	0.00E+00	0.00E+00	1.60E-12	3.11E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.65E-09	7.44E-04	2.28E-06	1.69E-03	0.00E+00	1.27E+00	3.57E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MY101	1.39E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.45E-02	8.22E-09	6.52E-05	7.16E-04	0.00E+00	0.00E+00	3.86E-13	7.50E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.69E-04	3.06E-01	0.00E+00	3.38E-11	1.14E-09	1.81E-04	5.49E-07	4.11E-04	0.00E+00	3.06E-01	8.62E-10	3.06E-01	3.07E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
MY101E	1.31E-03	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.14E-04	3.43E-03	0.00E+00	0.00E+00	5.40E-13	1.20E-11	7.55E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.11E-03	4.64E-01	0.00E+00	4.73E-11	7.03E-09	8.76E-04	7.77E-07	5.85E-04	0.00E+00	4.64E-01	1.28E-09	4.64E-01	4.61E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MY102	5.14E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	2.37E-02	1.10E-08	1.40E-04	1.52E-03	0.00E+00	0.00E+00	4.04E-13	7.67E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	8.32E-04	3.25E-01	0.00E+00	4.62E-11	3.06E-09	4.02E-04	5.96E-07	4.40E-04	0.00E+00	3.25E-01	1.10E-09	3.25E-01	3.24E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY102E	1.31E-03	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.15E-04	3.44E-03	0.00E+00	0.00E+00	5.37E-13	1.20E-11	7.55E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.11E-03	4.64E-01	0.00E+00	4.73E-11	7.01E-09	8.75E-04	7.77E-07	5.85E-04	0.00E+00	4.64E-01	1.27E-09	4.64E-01	4.61E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
MY103	4.74E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	2.37E-02	1.10E-08	1.33E-04	1.42E-03	0.00E+00	0.00E+00	4.02E-13	7.66E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	8.32E-04	3.25E-01	0.00E+00	4.61E-11	2.81E-09	3.71E-04	5.96E-07	4.40E-04	0.00E+00	3.25E-01	1.10E-09	3.25E-01	3.24E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04

MY103E	1.32E-03	3.68E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.17E-04	3.46E-03	0.00E+00	0.00E+00	5.41E-13	1.21E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.67E-01	0.00E+00	4.80E-11	7.10E-09	8.82E-04	7.79E-07	5.87E-04	0.00E+00	4.67E-01	1.29E-09	4.67E-01	4.64E-01	5.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MY104	5.13E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	2.38E-02	1.29E-08	1.39E-04	1.51E-03	0.00E+00	0.00E+00	4.03E-13	7.66E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.04E-03	3.32E-01	0.00E+00	4.64E-11	3.05E-09	3.99E-04	7.54E-07	5.55E-04	0.00E+00	3.32E-01	1.52E-09	3.32E-01	3.31E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY104E	1.32E-03	3.68E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	5.41E-13	1.21E-11	7.62E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.11E-03	4.67E-01	0.00E+00	4.79E-11	7.09E-09	8.81E-04	7.78E-07	5.87E-04	0.00E+00	4.67E-01	1.29E-09	4.67E-01	4.64E-01	5.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MY106	1.48E-04	2.67E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.63E-02	1.58E-08	7.37E-05	7.94E-04	0.00E+00	0.00E+00	4.71E-13	1.11E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	1.32E-03	3.86E-01	0.00E+00	3.60E-11	1.19E-09	2.08E-04	9.33E-07	6.98E-04	0.00E+00	3.86E-01	1.83E-09	3.86E-01	4.02E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05
MY106E	1.13E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.19E-09	5.33E-05	5.90E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.84E-04	2.73E-01	0.00E+00	2.98E-11	9.46E-10	1.45E-04	4.88E-07	3.63E-04	0.00E+00	2.73E-01	7.53E-10	2.73E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MY106P	1.37E-03	3.66E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.13E-02	1.43E-08	3.27E-04	3.54E-03	0.00E+00	0.00E+00	5.34E-13	1.18E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.51E-03	4.64E-01	0.00E+00	4.64E-11	7.15E-09	8.79E-04	1.09E-06	8.36E-04	0.00E+00	4.64E-01	1.67E-09	4.64E-01	4.60E-01	8.36E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MY110	1.30E-04	2.54E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	2.92E-02	1.68E-08	5.96E-05	7.07E-04	0.00E+00	0.00E+00	4.64E-13	9.65E-12	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.27E-03	3.80E-01	0.00E+00	3.99E-11	1.10E-09	1.89E-04	8.87E-07	6.58E-04	0.00E+00	3.80E-01	1.65E-09	3.80E-01	3.95E-01	6.58E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MY110E	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.35E-04	2.51E-03	0.00E+00	0.00E+00	4.38E-13	9.83E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.04E-04	3.73E-01	0.00E+00	3.94E-11	5.28E-09	6.59E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY110P	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.34E-04	2.51E-03	0.00E+00	0.00E+00	4.37E-13	9.81E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	5.27E-09	6.56E-04	6.24E-07	4.74E-04	0.00E+00	3.72E-01	1.05E-09	3.72E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY113	1.31E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.72E-02	1.52E-08	5.76E-05	6.68E-04	0.00E+00	0.00E+00	3.64E-13	7.54E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.89E-04	2.76E-01	0.00E+00	3.97E-11	1.03E-09	1.68E-04	7.26E-07	5.51E-04	0.00E+00	2.76E-01	1.68E-09	2.76E-01	2.77E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MY116	1.15E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	2.56E-02	1.68E-08	5.83E-05	7.04E-04	0.00E+00	0.00E+00	3.42E-13	6.68E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	6.99E-04	2.69E-01	0.00E+00	4.16E-11	1.02E-09	1.74E-04	5.09E-07	3.88E-04	0.00E+00	2.69E-01	1.54E-09	2.69E-01	2.69E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
MY116E	1.22E-03	2.94E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	2.35E-04	2.52E-03	0.00E+00	0.00E+00	4.37E-13	9.82E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.04E-04	3.73E-01	0.00E+00	3.94E-11	5.30E-09	6.59E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.06E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY116P	1.19E-03	2.94E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.35E-04	2.51E-03	0.00E+00	0.00E+00	4.37E-13	9.81E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.73E-01	0.00E+00	3.94E-11	5.26E-09	6.56E-04	6.24E-07	4.74E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY120	8.59E-05	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	2.57E-02	1.68E-08	3.74E-05	4.58E-04	0.00E+00	0.00E+00	3.43E-13	6.64E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	7.08E-04	2.75E-01	0.00E+00	4.57E-11	7.57E-10	1.05E-04	5.17E-07	3.93E-04	0.00E+00	2.75E-01	1.53E-09	2.75E-01	2.75E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY120E	1.33E-03	3.69E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.12E-02	1.88E-08	2.71E-04	2.93E-03	0.00E+00	0.00E+00	6.07E-13	1.41E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.70E-03	4.70E-01	0.00E+00	4.57E-11	5.91E-09	7.43E-04	1.21E-06	9.18E-04	0.00E+00	4.70E-01	2.11E-09	4.70E-01	4.72E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MY120P	1.19E-03	2.94E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.34E-04	2.51E-03	0.00E+00	0.00E+00	4.38E-13	9.83E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.02E-04	3.72E-01	0.00E+00	3.94E-11	5.28E-09	6.56E-04	6.24E-07	4.74E-04	0.00E+00	3.72E-01	1.06E-09	3.72E-01	3.74E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY125	1.28E-04	2.02E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.55E-02	8.41E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.56E-13	6.94E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.23E-04	2.81E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.12E-07	3.81E-04	0.00E+00	2.81E-01	9.21E-10	2.81E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
MY125E	1.31E-03	3.61E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.16E-02	1.21E-08	3.20E-04	3.41E-03	0.00E+00	0.00E+00	5.29E-13	1.18E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.10E-03	4.55E-01	0.00E+00	4.67E-11	7.00E-09	8.80E-04	7.64E-07	5.77E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.53E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MY125P	1.31E-03	3.61E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.16E-02	1.21E-08	3.20E-04	3.41E-03	0.00E+00	0.00E+00	5.29E-13	1.18E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.11E-03	4.55E-01	0.00E+00	4.67E-11	7.03E-09	8.80E-04	7.64E-07	5.79E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.54E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MY132	1.35E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	1.07E-08	6.26E-05	7.28E-04	0.00E+00	0.00E+00	3.87E-13	7.40E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.01E-03	3.14E-01	0.00E+00	3.40E-11	1.08E-09	1.77E-04	7.43E-07	5.53E-04	0.00E+00	3.14E-01	1.30E-09	3.14E-01	3.14E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MY132E	1.32E-03	3.65E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.17E-04	3.45E-03	0.00E+00	0.00E+00	5.37E-13	1.20E-11	7.51E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.60E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.68E-07	5.86E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.59E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MY132P	1.33E-03	3.64E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.50E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.60E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.67E-07	5.84E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.59E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MY140	1.38E-04	2.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.25E-09	6.53E-05	7.54E-04	0.00E+00	0.00E+00	3.87E-13	7.45E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.39E-11	1.12E-09	1.82E-04	5.48E-07	4.10E-04	0.00E+00	3.06E-01	8.61E-10	3.06E-01	3.06E-01	4.10E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MY140E	1.33E-03	3.64E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.51E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.59E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.66E-07	5.83E-04	0.00E+00	4.59E-01	1.29E-09	4.59E-01	4.60E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
MY140P	1.32E-03	3.61E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.13E-02	1.22E-08	3.15E-04	3.41E-03	0.00E+00	0.00E+00	5.28E-13	1.17E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.10E-03	4.54E-01	0.00E+00	4.64E-11	6.87E-09	8.70E-04	7.60E-07	5.79E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.56E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MY150	1.63E-04	2.28E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.67E-09	7.40E-05	8.01E-04	0.00E+00	0.00E+00	4.05E-13	7.76E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.11E-04	3.19E-01	0.00E+00	3.52E-11	1.26E-09	1.94E-04	5.75E-07	4.32E-04	0.00E+00	3.19E-01	9.10E-10	3.19E-01	3.18E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-05
MY150E	1.37E-03	3.83E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.21E-04	3.54E-03	0.00E+00	0.00E+00	5.50E-13	1.26E-11	7.83E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.84E-01	0.00E+00	4.91E-11	7.24E-09	8.95E-04	8.10E-07	6.13E-04	0.00E+00	4.84E-01	1.28E-09	4.84E-01	4.84E-01	6.13E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MY163	1.67E-04	2.32E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.66E-02	9.14E-09	7.34E-05	7.94E-04	0.00E+00	0.00E+00	4.22E-13	8.36E-12	6.31E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.06E-03	3.28E-01	0.00E+00	3.59E-11	1.25E-09	1.92E-04	7.60E-07	5.61E-04	0.00E+00	3.28E-01	9.85E-10	3.28E-01	3.28E-01	5.61E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
MY163E	1.37E-03	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.25E-02	1.27E-08	3.19E-04	3.51E-03	0.00E+00	0.00E+00	5.55E-13	1.26E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.82E-01	0.00E+00	4.89E-11	7.32E-09	8.91E-04	8.04E-07	6.12E-04	0.00E+00	4.82E-01	1.28E-09	4.82E-01	4.81E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MY201	2.78E-04	4.54E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.98E-02	1.88E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.80E-13	1.61E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.56E-03	6.26E-01	0.00E+00	7.30E-11	2.28E-09	3.64E-04	1.11E-06	8.45E-04	0.00E+00	6.26E-01	1.93E-09	6.26E-01	6.29E-01	8.45E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
MY201E	4.39E-04	4.14E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	3.43E-02	1.63E-08	1.39E-04	1.61E-03	0.00E+00	0.00E+00	6.88E-13	1.34E-11	9.03E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.37E-03	5.30E-01	0.00E+00	6.70E-11	2.55E-09	4.10E-04	9.72E-07	7.35E-04	0.00E+00	5.30E-01	1.79E-09	5.30E-01	5.15E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MY202	4.90E-04	4.74E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	3.72E-02	1.94E-08	1.43E-04	1.69E-03	0.00E+00	0.00E+00	8.39E-13	1.70E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	1.65E-03	6.61E-01	0.00E+00	7.61E-11	2.55E-09	4.12E-04	1.19E-06	8.88E-04	0.00E+00	6.61E-01	2.03E-09	6.61E-01	6.61E-01	8.88E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MY202E	2.53E-03	6.03E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	3.91E-02	2.33E-08	5.82E-04	6.18E-03	0.00E+00	0.00E+00	1.05E-12	2.07E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.81E-03	7.07E-01	0.00E+00	8.33E-11	1.27E-08	1.60E-03	1.26E-06	9.56E-04	0.00E+00	7.07E-01	2.37E-09	7.07E-01	6.97E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MY203	4.90E-04	4.74E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	3.72E-02	1.94E-08	1.43E-04	1.69E-03	0.00E+00	0.00E+00	8.39E-13	1.70E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	1.65E-03	6.61E-01	0.00E+00	7.61E-11	2.55E-09	4.12E-04	1.19E-06	8.89E-04	0.00E+00	6.61E-01	2.03E-09	6.61E-01	6.61E-01	8.89E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MY203E	2.53E-03	6.04E-02	0.00E+00	6.10E-02	0.00E+00	0.00E+00	3.91E-02	2.34E-08	5.83E-04	6.17E-03	0.00E+00	0.00E+00	1.03E-12	2.06E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-06	1.82E-03	7.13E-01	0.00E+00	8.32E-11	1.27E-08	1.61E-03	1.27E-06	9.62E-04	0.00E+00	7.13E-01	2.37E-09	7.13E-01	7.02E-01	9.62E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-04
MY204	4.90E-04	4.74E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	3.72E-02	1.94E-08	1.43E-04	1.69E-03	0.00E+00	0.00E+00	8.39E-13	1.70E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	1.65E-03	6.61E-01	0.00E+00	7.61E-11	2.55E-09	4.12E-04	1.19E-06	8.88E-04	0.00E+00	6.61E-01	2.03E-09	6.61E-01	6.61E-01	8.88E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MY204E	2.34E-03	4.95E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.28E-02	1.59E-08	5.33E-04	5.64E-03	0.00E+00	0.00E+00	7.77E-13	1.48E-11	8.59E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.13E-03	5.63E-01	0.00E+00	6.58E-11	1.15E-08	1.47E-03	7.89E-07	6.01E-04	0.00E+00	5.63E-01	1.53E-09	5.63E-01	5.47E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MY206	2.49E-04	4.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.69E-02	1.97E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	6.95E-13	1.53E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.47E-03	5.57E-01	0.00E+00	6.96E-11	2.08E-09	3.35E-04	1.06E-06	7.98E-04	0.00E+00	5.57E-01	2.01E-09	5.57E-01	5.57E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MY206E	1.85E-03	6.09E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	3.57E-02	2.26E-08	4.93E-04	5.47E-03	0.00E+00	0.00E+00	8.76E-13	2.06E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-06	1.85E-03	7.59E-01	0.00E+00	7.72E-11	1.04E-08	1.40E-03	1.30E-06	1.00E-03	0.00E+00	7.59E-01	2.36E-09	7.59E-01	7.63E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MY206P	2.54E-03	6.42E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.03E-02	2.70E-08	5.85E-04	6.24E-03	0.00E+00	0.00E+00	1.02E-12	2.16E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-06	1.98E-03	7.18E-01	0.00E+00	8.72E-11	1.30E-08	1.65E-03	1.41E-06	1.07E-03	0.00E+00	7.18E-01	2.77E-09	7.18E-01	7.17E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MY210	2.40E-04	3.90E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.85E-02	1.92E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.51E-11	9.83E-05	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.41E-03	5.39E-01	0.00E+00	7.02E-11	2.01E-09	3.26E-04	1.02E-06	7.80E-04	0.00E+00	5.39E-01	1.99E-09	5.39E-01	5.40E-01	7.80E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MY210E	1.71E-03	4.81E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.00E-02	1.69E-08	3.10E-04	3.38E-03	0.00E+00	0.00E+00	7.41E-13	1.70E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.51E-03	6.33E-01	0.00E+00	6.76E-11	8.38E-09	8.87E-04	1.09E-06	7.97E-04	0.00E+00	6.33E-01	1.82E-09	6.33E-01	6.31E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MY210P	1.72E-03	4.51E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	2.85E-02	1.34E-08	3.98E-04	4.29E-03	0.00E+00	0.00E+00	6.44E-13	1.32E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	9.42E-04	5.21E-01	0.00E+00	6.01E-11	8.68E-09	1.07E-03	6.40E-07	5.02E-04	0.00E+00	5.21E-01	1.33E-09	5.21E-01	5.04E-01	5.02E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MY213	2.55E-04	4.12E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.92E-02	1.97E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.06E-13	1.55E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.48E-03	5.67E-01	0.00E+00	7.10E-11	2.11E-09	3.41E-04	1.07E-06	8.11E-04	0.00E+00	5.67E-01	2.02E-09	5.67E-01	5.68E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MY216	2.46E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.86E-02	1.76E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.95E-13	1.46E-11	9.91E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.40E-03	5.53E-01	0.00E+00	6.95E-11	2.03E-09	3.22E-04	1.01E-06	7.64E-04	0.00E+00	5.53E-01	1.83E-09	5.53E-01	5.52E-01	7.64E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MY216E	1.71E-03	4.84E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	3.02E-02	1.70E-08	3.11E-04	3.39E-03	0.00E+00	0.00E+00	7.48E-13	1.71E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.38E-01	0.00E+00	6.81E-11	8.39E-09	8.89E-04	1.10E-06	8.04E-04	0.00E+00	6.38E-01	1.83E-09	6.38E-01	6.36E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MY216P	1.82E-03	5.37E-02	0.00E+00	5.41E-02	0.00E+00	0.00E+00	3.32E-02	1.95E-08	4.49E-04	4.79E-03	0.00E+00	0.00E+00	8.27E-13	1.76E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.72E-03	5.97E-01	0.00E+00	7.20E-11	9.56E-09	1.20E-03	1.23E-06	9.31E-04	0.00E+00	5.97E-01	2.01E-09	5.97E-01	5.90E-01	9.31E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
MY220	2.51E-04	4.09E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.89E-02	1.73E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.04E-13	1.48E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.43E-03	5.66E-01	0.00E+00	7.01E-11	2.08E-09	3.31E-04	1.03E-06	7.71E-04	0.00E+00	5.66E-01	1.80E-09	5.66E-01	5.67E-01	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MY220E	2.20E-03	5.93E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	3.78E-02	2.19E-08	5.23E-04	5.54E-03	0.00E+00	0.00E+00	9.28E-13	1.99E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.90E-03	6.67E-01	0.00E+00	7.99E-11	1.10E-08	1.41E-03	1.36E-06	1.04E-03	0.00E+00	6.67E-01	2.26E-09	6.67E-01	6.65E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MY220P	2.21E-03	6.02E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.88E-02	2.18E-08	5.11E-04	5.56E-03	0.00E+00	0.00E+00	9.36E-13	2.01E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.90E-03	6.70E-01	0.00E+00	8.32E-11	1.11E-08	1.42E-03	1.38E-06	1.03E-03	0.00E+00	6.70E-01	2.32E-09	6.70E-01	6.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MY225	3.25E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.29E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	9.27E-04	4.83E-01	0.00E+00	5.82E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.68E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MY225E	2.53E-03	6.33E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.04E-02	2.38E-08	5.82E-04	6.06E-03	0.00E+00	0.00E+00	1.03E-12	2.09E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.97E-03	7.30E-01	0.00E+00	8.46E-11	1.27E-08	1.61E-03	1.40E-06	1.08E-03	0.00E+00	7.30E-01	2.43E-09	7.30E-01	7.24E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MY225P	2.76E-03	6.41E-02	0.00E+00	6.49E-02	0.00E+00	0.00E+00	4.17E-02	2.41E-08	6.12E-04	6.71E-03	0.00E+00	0.00E+00	1.07E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-06	2.00E-03	7.41E-01	0.00E+00	8.85E-11	1.37E-08	1.74E-03	1.42E-06	1.07E-03	0.00E+00	7.41E-01	2.46E-09	7.41E-01	7.33E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MY225V	3.25E-04	3.71E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.48E-02	1.23E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	9.21E-04	4.82E-01	0.00E+00	5.84E-11	2.31E-09	3.21E-04	6.14E-07	4.75E-04	0.00E+00	4.82E-01	1.31E-09	4.82E-01	4.67E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MY232	4.70E-04	4.70E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.32E-02	1.98E-08	1.43E-04	1.67E-03	0.00E+00	0.00E+00	8.20E-13	1.72E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-06	1.65E-03	6.54E-01	0.00E+00	7.60E-11	2.53E-09	4.18E-04	1.18E-06	8.91E-04	0.00E+00	6.54E-01	2.04E-09	6.54E-01	6.53E-01	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MY232E	2.70E-03	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.25E-02	2.47E-08	6.21E-04	6.77E-03	0.00E+00	0.00E+00	1.05E-12	2.31E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.15E-03	9.16E-01	0.00E+00	9.03E-11	1.39E-08	1.76E-03	1.46E-06	1.12E-03	0.00E+00	9.16E-01	2.53E-09	9.16E-01	9.08E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
MY232P	2.58E-03	6.52E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.12E-02	2.41E-08	5.90E-04	6.35E-03	0.00E+00	0.00E+00	1.04E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.03E-03	7.35E-01	0.00E+00	8.86E-11	1.33E-08	1.66E-03	1.42E-06	1.08E-03	0.00E+00	7.35E-01	2.47E-09	7.35E-01	7.29E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MY232V	2.73E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.77E-02	1.40E-08	1.29E-04	1.41E-03	0.00E+00	0.00E+00	6.58E-13	1.30E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.35E-03	5.17E-01	0.00E+00	6.32E-11	2.21E-09	3.53E-04	9.62E-07	7.21E-04	0.00E+00	5.17E-01	1.43E-09	5.17E-01	5.00E-01	7.21E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MY240	4.73E-04	4.71E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.34E-02	2.01E-08	1.46E-04	1.71E-03	0.00E+00	0.00E+00	8.07E-13	1.72E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-06	1.66E-03	6.49E-01	0.00E+00	7.66E-11	2.52E-09	4.19E-04	1.20E-06	9.04E-04	0.00E+00	6.49E-01	2.07E-09	6.49E-01	6.48E-01	9.04E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
MY240E	2.70E-03	7.08E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.28E-02	2.50E-08	6.27E-04	6.85E-03	0.00E+00	0.00E+00	1.06E-12	2.32E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.18E-03	9.22E-01	0.00E+00	9.14E-11	1.41E-08	1.77E-03	1.50E-06	1.14E-03	0.00E+00	9.22E-01	2.52E-09	9.22E-01	9.16E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
MY240P	2.65E-03	6.56E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.16E-02	2.47E-08	5.99E-04	6.61E-03	0.00E+00	0.00E+00	1.05E-12	2.12E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.07E-03	7.37E-01	0.00E+00	8.95E-11	1.35E-08	1.71E-03	1.45E-06	1.11E-03	0.00E+00	7.37E-01	2.49E-09	7.37E-01	7.31E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MY250	2.98E-04	4.55E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	3.07E-02	1.92E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.90E-13	1.63E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-06	1.60E-03	6.28E-01	0.00E+00	7.59E-11	2.31E-09	3.68E-04	1.17E-06	8.63E-04	0.00E+00	6.28E-01	2.02E-09	6.28E-01	6.28E-01	8.63E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
MY250E	2.71E-03	6.48E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.14E-02	2.45E-08	5.85E-04	6.40E-03	0.00E+00	0.00E+00	1.10E-12	2.16E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-06	1.95E-03	7.25E-01	0.00E+00	8.73E-11	1.34E-08	1.63E-03	1.36E-06	1.06E-03	0.00E+00	7.25E-01	2.46E-09	7.25E-01	7.21E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MY263	3.03E-04	4.62E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.08E-02	1.98E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	7.94E-13	1.64E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.65E-03	6.34E-01	0.00E+00	7.62E-11	2.34E-09	3.75E-04	1.24E-06	9.03E-04	0.00E+00	6.34E-01	2.05E-09	6.34E-01	6.34E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MY263E	2.51E-03	6.53E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.14E-02	2.46E-08	5.81E-04	6.22E-03	0.00E+00	0.00E+00	1.11E-12	2.17E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	1.97E-03	7.29E-01	0.00E+00	8.81E-11	1.30E-08	1.60E-03	1.42E-06	1.10E-03	0.00E+00	7.29E-01	2.45E-09	7.29E-01	7.26E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MY301	4.34E-04	6.77E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.60E-02	2.62E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-06	2.51E-03	9.94E-01	0.00E+00	1.08E-10	3.43E-09	5.48E-04	1.80E-06	1.32E-03	0.00E+00	9.94E-01	2.80E-09	9.94E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MY301E	4.59E-04	7.52E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	5.06E-02	2.64E-08	2.35E-04	2.44E-03	0.00E+00	0.00E+00	1.23E-12	2.35E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.46E-03	9.87E-01	0.00E+00	1.05E-10	3.65E-09	6.39E-04	1.78E-06	1.33E-03	0.00E+00	9.87E-01	2.76E-09	9.87E-01	9.85E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MY302	4.59E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	5.06E-02	2.71E-08	2.36E-04	2.46E-03	0.00E+00	0.00E+00	1.25E-12	2.38E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.47E-03	1.01E+00	0.00E+00	1.07E-10	3.67E-09	6.42E-04	1.77E-06	1.34E-03	0.00E+00	1.01E+00	2.85E-09	1.01E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MY303	4.59E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	5.06E-02	2.71E-08	2.36E-04	2.46E-03	0.00E+00	0.00E+00	1.25E-12	2.38E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.47E-03	1.01E+00	0.00E+00	1.07E-10	3.67E-09	6.42E-04	1.77E-06	1.34E-03	0.00E+00	1.01E+00	2.85E-09	1.01E+00	1.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MY304	4.59E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	5.06E-02	2.71E-08	2.36E-04	2.46E-03	0.00E+00	0.00E+00	1.25E-12	2.38E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.47E-03	1.01E+00	0.00E+00	1.07E-10	3.67E-09	6.42E-04	1.77E-06	1.34E-03	0.00E+00	1.01E+00	2.85E-09	1.01E+00	1.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MY306	3.60E-04	6.06E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	1.66E-04	1.83E-03	0.00E+00	0.00E+00	1.10E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.87E-03	9.45E-01	0.00E+00	9.84E-11	2.91E-09	4.63E-04	2.18E-06	1.70E-03	0.00E+00	9.45E-01	2.76E-09	9.45E-01	9.54E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MY306E	2.68E-03	8.78E-02	0.00E+00	8.82E-02	0.00E+00	0.00E+00	4.78E-02	2.78E-08	6.34E-04	7.12E-03	0.00E+00	0.00E+00	1.35E-12	3.10E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	3.43E-03	1.30E+00	0.00E+00	1.11E-10	1.39E-08	1.80E-03	2.55E-06	1.87E-03	0.00E+00	1.30E+00	3.41E-09	1.30E+00	1.31E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MY306P	3.60E-03	9.44E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	6.28E-02	3.49E-08	8.21E-04	9.05E-03	0.00E+00	0.00E+00	1.48E-12	3.40E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.33E-03	1.34E+00	0.00E+00	1.35E-10	1.82E-08	2.31E-03	2.37E-06	1.86E-03	0.00E+00	1.34E+00	3.84E-09	1.34E+00	1.34E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MY310	3.62E-04	6.08E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.24E-02	2.42E-08	1.67E-04	1.84E-03	0.00E+00	0.00E+00	1.12E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.87E-03	9.43E-01	0.00E+00	9.93E-11	2.93E-09	4.65E-04	2.18E-06	1.70E-03	0.00E+00	9.43E-01	2.77E-09	9.43E-01	9.53E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MY310E	2.93E-03	8.51E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	4.41E-02	2.62E-08	6.45E-04	7.14E-03	0.00E+00	0.00E+00	1.30E-12	2.75E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-06	3.05E-03	1.15E+00	0.00E+00	1.03E-10	1.46E-08	1.82E-03	2.35E-06	1.77E-03	0.00E+00	1.15E+00	3.10E-09	1.15E+00	1.15E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MY310P	2.78E-03	6.77E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	3.63E-02	1.77E-08	5.59E-04	6.20E-03	0.00E+00	0.00E+00	1.12E-12	2.12E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.79E-03	8.16E-01	0.00E+00	8.83E-11	1.32E-08	1.59E-03	1.31E-06	9.42E-04	0.00E+00	8.16E-01	1.94E-09	8.16E-01	8.14E-01	9.42E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MY313	3.70E-04	6.17E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.24E-02	2.43E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.39E-03	9.45E-01	0.00E+00	9.94E-11	3.02E-09	4.80E-04	1.66E-06	1.25E-03	0.00E+00	9.45E-01	2.57E-09	9.45E-01	9.56E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MY316	3.71E-04	6.20E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	4.19E-02	2.43E-08	1.73E-04	1.91E-03	0.00E+00	0.00E+00	1.13E-12	2.21E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.39E-03	9.47E-01	0.00E+00	1.00E-10	3.01E-09	4.82E-04	1.65E-06	1.25E-03	0.00E+00	9.47E-01	2.57E-09	9.47E-01	9.57E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY316E	3.06E-03	8.52E-02	0.00E+00	8.53E-02	0.00E+00	0.00E+00	4.43E-02	2.62E-08	6.62E-04	7.30E-03	0.00E+00	0.00E+00	1.31E-12	2.74E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	3.06E-03	1.15E+00	0.00E+00	1.03E-10	1.50E-08	1.85E-03	2.35E-06	1.78E-03	0.00E+00	1.15E+00	3.09E-09	1.15E+00	1.16E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MY316P	2.86E-03	7.73E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	4.05E-02	2.40E-08	6.31E-04	6.87E-03	0.00E+00	0.00E+00	1.20E-12	2.54E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-06	2.47E-03	1.04E+00	0.00E+00	9.19E-11	1.44E-08	1.77E-03	1.75E-06	1.31E-03	0.00E+00	1.04E+00	2.56E-09	1.04E+00	1.04E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MY320	3.72E-04	6.19E-02	0.00E+00	6.21E-02	0.00E+00	0.00E+00	4.22E-02	2.44E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.15E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.41E-03	9.53E-01	0.00E+00	1.01E-10	3.03E-09	4.82E-04	1.66E-06	1.27E-03	0.00E+00	9.53E-01	2.58E-09	9.53E-01	9.63E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY320E	3.51E-03	9.64E-02	0.00E+00	9.76E-02	0.00E+00	0.00E+00	5.84E-02	3.23E-08	8.10E-04	8.82E-03	0.00E+00	0.00E+00	1.41E-12	3.15E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.94E-03	1.24E+00	0.00E+00	1.23E-10	1.83E-08	2.29E-03	2.03E-06	1.56E-03	0.00E+00	1.24E+00	3.40E-09	1.24E+00	1.25E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MY320P	3.41E-03	8.81E-02	0.00E+00	8.88E-02	0.00E+00	0.00E+00	5.76E-02	3.20E-08	7.85E-04	8.53E-03	0.00E+00	0.00E+00	1.36E-12	3.05E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-06	2.78E-03	1.22E+00	0.00E+00	1.28E-10	1.78E-08	2.22E-03	1.92E-06	1.50E-03	0.00E+00	1.22E+00	3.36E-09	1.22E+00	1.23E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MY325	3.80E-04	5.97E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.94E-02	1.86E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.06E-12	1.98E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.10E-03	8.40E-01	0.00E+00	9.10E-11	3.01E-09	4.80E-04	1.50E-06	1.11E-03	0.00E+00	8.40E-01	2.01E-09	8.40E-01	8.41E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
MY325E	3.56E-03	9.43E-02	0.00E+00	9.58E-02	0.00E+00	0.00E+00	5.98E-02	3.52E-08	8.17E-04	8.91E-03	0.00E+00	0.00E+00	1.50E-12	3.31E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	3.04E-03	1.31E+00	0.00E+00	1.26E-10	1.82E-08	2.31E-03	2.13E-06	1.64E-03	0.00E+00	1.31E+00	3.67E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04

MY325P	3.64E-03	9.52E-02	0.00E+00	9.64E-02	0.00E+00	0.00E+00	6.20E-02	3.56E-08	8.41E-04	9.20E-03	0.00E+00	0.00E+00	1.49E-12	3.32E-11	2.14E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-06	2.99E-03	1.29E+00	0.00E+00	1.34E-10	1.87E-08	2.39E-03	2.06E-06	1.61E-03	0.00E+00	1.29E+00	3.67E-09	1.29E+00	1.30E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MY332	5.16E-04	7.31E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.48E-02	2.64E-08	2.29E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.36E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-06	2.46E-03	9.93E-01	0.00E+00	1.05E-10	3.74E-09	6.37E-04	1.80E-06	1.32E-03	0.00E+00	9.93E-01	2.81E-09	9.93E-01	9.86E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MY332E	3.68E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.09E-02	3.63E-08	8.53E-04	9.39E-03	0.00E+00	0.00E+00	1.54E-12	3.42E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	3.17E-03	1.33E+00	0.00E+00	1.28E-10	1.92E-08	2.40E-03	2.21E-06	1.68E-03	0.00E+00	1.33E+00	3.78E-09	1.33E+00	1.33E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MY332P	3.72E-03	9.71E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.26E-02	3.59E-08	8.61E-04	9.41E-03	0.00E+00	0.00E+00	1.51E-12	3.37E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.03E-03	1.30E+00	0.00E+00	1.34E-10	1.93E-08	2.44E-03	2.11E-06	1.63E-03	0.00E+00	1.30E+00	3.70E-09	1.30E+00	1.31E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MY340	5.10E-04	7.30E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.61E-02	2.66E-08	2.29E-04	2.43E-03	0.00E+00	0.00E+00	1.40E-12	2.37E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.59E-03	1.02E+00	0.00E+00	1.16E-10	3.75E-09	6.36E-04	1.94E-06	1.39E-03	0.00E+00	1.02E+00	2.86E-09	1.02E+00	1.02E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
MY340E	3.73E-03	9.80E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	6.36E-02	3.61E-08	8.60E-04	9.44E-03	0.00E+00	0.00E+00	1.57E-12	3.40E-11	2.21E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-06	3.16E-03	1.33E+00	0.00E+00	1.40E-10	1.93E-08	2.45E-03	2.23E-06	1.70E-03	0.00E+00	1.33E+00	3.77E-09	1.33E+00	1.34E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MY340P	3.77E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.90E-02	4.24E-08	8.87E-04	9.68E-03	0.00E+00	0.00E+00	1.63E-12	3.86E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-06	5.70E-03	1.48E+00	0.00E+00	1.47E-10	1.96E-08	2.49E-03	4.38E-06	3.42E-03	0.00E+00	1.48E+00	4.45E-09	1.48E+00	1.48E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
MY350	4.38E-04	7.03E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	4.82E-02	2.79E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.50E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.79E-03	1.11E+00	0.00E+00	1.17E-10	3.55E-09	5.65E-04	2.00E-06	1.50E-03	0.00E+00	1.11E+00	2.99E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MY350E	3.84E-03	1.09E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.63E-02	3.73E-08	8.91E-04	9.82E-03	0.00E+00	0.00E+00	1.66E-12	3.65E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.33E-03	1.36E+00	0.00E+00	1.48E-10	2.00E-08	2.52E-03	2.31E-06	1.76E-03	0.00E+00	1.36E+00	3.87E-09	1.36E+00	1.38E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
MY363	4.37E-04	6.99E-02	0.00E+00	6.95E-02	0.00E+00	0.00E+00	4.78E-02	2.76E-08	2.03E-04	2.22E-03	0.00E+00	0.00E+00	1.33E-12	2.43E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.54E-09	5.60E-04	2.04E-06	1.51E-03	0.00E+00	1.11E+00	2.96E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MY363E	3.89E-03	1.10E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.66E-02	3.80E-08	9.15E-04	1.00E-02	0.00E+00	0.00E+00	1.67E-12	3.66E-11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-06	3.38E-03	1.39E+00	0.00E+00	1.49E-10	2.04E-08	2.59E-03	2.39E-06	1.80E-03	0.00E+00	1.39E+00	3.93E-09	1.39E+00	1.41E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-04
MY406P	2.93E-03	7.48E-02	0.00E+00	7.46E-02	0.00E+00	0.00E+00	4.91E-02	2.12E-08	6.02E-04	6.79E-03	0.00E+00	0.00E+00	1.26E-12	2.46E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.40E-03	9.30E-01	0.00E+00	1.08E-10	1.42E-08	1.73E-03	1.68E-06	1.23E-03	0.00E+00	9.30E-01	2.28E-09	9.30E-01	9.26E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MY410P	3.28E-03	7.47E-02	0.00E+00	7.46E-02	0.00E+00	0.00E+00	4.90E-02	2.12E-08	6.26E-04	6.94E-03	0.00E+00	0.00E+00	1.25E-12	2.46E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.40E-03	9.29E-01	0.00E+00	1.08E-10	1.51E-08	1.80E-03	1.69E-06	1.23E-03	0.00E+00	9.29E-01	2.29E-09	9.29E-01	9.26E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MY416P	3.33E-03	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.92E-02	2.12E-08	6.29E-04	6.97E-03	0.00E+00	0.00E+00	1.26E-12	2.47E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.40E-03	9.29E-01	0.00E+00	1.08E-10	1.53E-08	1.80E-03	1.69E-06	1.23E-03	0.00E+00	9.29E-01	2.29E-09	9.29E-01	9.26E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MY420E	4.80E-04	7.26E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.67E-02	2.04E-08	2.14E-04	2.36E-03	0.00E+00	0.00E+00	1.28E-12	2.38E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.38E-03	9.40E-01	0.00E+00	1.08E-10	3.75E-09	5.97E-04	1.68E-06	1.23E-03	0.00E+00	9.40E-01	2.10E-09	9.40E-01	9.35E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MY420P	3.76E-03	9.43E-02	0.00E+00	9.55E-02	0.00E+00	0.00E+00	6.06E-02	3.39E-08	8.64E-04	9.41E-03	0.00E+00	0.00E+00	1.43E-12	3.19E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	2.95E-03	1.25E+00	0.00E+00	1.32E-10	1.95E-08	2.45E-03	1.99E-06	1.55E-03	0.00E+00	1.25E+00	3.50E-09	1.25E+00	1.25E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MY425E	5.04E-04	7.31E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.70E-02	2.02E-08	2.17E-04	2.41E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-06	2.37E-03	9.44E-01	0.00E+00	1.09E-10	3.82E-09	6.03E-04	1.65E-06	1.21E-03	0.00E+00	9.44E-01	2.07E-09	9.44E-01	9.38E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MY425P	3.79E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.27E-02	3.56E-08	8.72E-04	9.52E-03	0.00E+00	0.00E+00	1.54E-12	3.38E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.16E-03	1.32E+00	0.00E+00	1.39E-10	1.95E-08	2.49E-03	2.16E-06	1.66E-03	0.00E+00	1.32E+00	3.69E-09	1.32E+00	1.32E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
MY432E	5.98E-04	8.99E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.76E-04	2.94E-03	0.00E+00	0.00E+00	1.61E-12	2.96E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.20E+00	0.00E+00	1.34E-10	4.42E-09	7.54E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.36E-09	1.20E+00	1.19E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MY432P	3.83E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.28E-02	3.57E-08	8.80E-04	9.56E-03	0.00E+00	0.00E+00	1.55E-12	3.43E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-06	3.17E-03	1.32E+00	0.00E+00	1.40E-10	1.98E-08	2.51E-03	2.17E-06	1.67E-03	0.00E+00	1.32E+00	3.70E-09	1.32E+00	1.32E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MY440E	6.09E-04	9.17E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	5.85E-02	3.31E-08	2.88E-04	3.05E-03	0.00E+00	0.00E+00	1.66E-12	3.06E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-06	3.10E-03	1.23E+00	0.00E+00	1.40E-10	4.62E-09	8.02E-04	2.23E-06	1.65E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MY440P	3.83E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.35E-02	3.60E-08	8.82E-04	9.59E-03	0.00E+00	0.00E+00	1.58E-12	3.45E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.21E-03	1.34E+00	0.00E+00	1.42E-10	1.98E-08	2.52E-03	2.21E-06	1.70E-03	0.00E+00	1.34E+00	3.73E-09	1.34E+00	1.34E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
MY450E	5.29E-04	9.03E-02	0.00E+00	9.02E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.60E-12	3.08E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.04E-06	3.19E-03	1.26E+00	0.00E+00	1.40E-10	4.25E-09	6.93E-04	2.27E-06	1.69E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MY463E	5.33E-04	9.09E-02	0.00E+00	9.04E-02	0.00E+00	0.00E+00	5.94E-02	3.40E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.26E+00	0.00E+00	1.40E-10	4.27E-09	6.98E-04	2.28E-06	1.69E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MY525V	3.54E-04	4.10E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.62E-02	1.29E-08	1.31E-04	1.51E-03	0.00E+00	0.00E+00	6.19E-13	1.21E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	9.31E-04	5.18E-01	0.00E+00	6.39E-11	2.59E-09	3.53E-04	6.15E-07	4.80E-04	0.00E+00	5.18E-01	1.39E-09	5.18E-01	4.98E-01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
MY532V	3.45E-04	4.03E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.60E-02	1.32E-08	1.29E-04	1.48E-03	0.00E+00	0.00E+00	6.44E-13	1.23E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.07E-03	5.18E-01	0.00E+00	6.25E-11	2.47E-09	3.47E-04	7.46E-07	5.68E-04	0.00E+00	5.18E-01	1.32E-09	5.18E-01	5.01E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MY706P	1.98E-03	5.03E-02	0.00E+00	5.07E-02	0.00E+00	0.00E+00	3.27E-02	1.53E-08	4.71E-04	5.18E-03	0.00E+00	0.00E+00	7.61E-13	1.43E-11	8.28E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.11E-03	5.59E-01	0.00E+00	6.61E-11	1.02E-08	1.30E-03	7.70E-07	5.90E-04	0.00E+00	5.59E-01	1.48E-09	5.59E-01	5.42E-01	5.90E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MY716P	1.93E-03	4.94E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	3.22E-02	1.50E-08	4.56E-04	5.00E-03	0.00E+00	0.00E+00	7.33E-13	1.41E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.10E-03	5.52E-01	0.00E+00	6.54E-11	9.92E-09	1.26E-03	7.63E-07	5.89E-04	0.00E+00	5.52E-01	1.48E-09	5.52E-01	5.40E-01	5.89E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
MY720P	1.96E-03	4.95E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	3.31E-02	1.51E-08	4.55E-04	5.04E-03	0.00E+00	0.00E+00	7.35E-13	1.43E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.10E-03	5.56E-01	0.00E+00	6.56E-11	1.00E-08	1.27E-03	7.66E-07	5.92E-04	0.00E+00	5.56E-01	1.48E-09	5.56E-01	5.42E-01	5.92E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MY725P	2.43E-03	5.18E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	3.39E-02	1.59E-08	5.49E-04	5.88E-03	0.00E+00	0.00E+00	7.76E-13	1.48E-11	8.50E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.11E-03	5.67E-01	0.00E+00	6.78E-11	1.23E-08	1.55E-03	7.68E-07	5.97E-04	0.00E+00	5.67E-01	1.57E-09	5.67E-01	5.58E-01	5.97E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MY732P	2.54E-03	6.55E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.08E-02	2.38E-08	5.76E-04	6.14E-03	0.00E+00	0.00E+00	1.04E-12	2.11E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-06	2.04E-03	7.33E-01	0.00E+00	8.81E-11	1.28E-08	1.61E-03	1.42E-06	1.08E-03	0.00E+00	7.33E-01	2.45E-09	7.33E-01	7.30E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MY740P	2.65E-03	6.55E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.15E-02	2.46E-08	6.03E-04	6.61E-03	0.00E+00	0.00E+00	1.05E-12	2.11E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.07E-03	7.34E-01	0.00E+00	8.94E-11	1.35E-08	1.72E-03	1.44E-06	1.11E-03	0.00E+00	7.34E-01	2.51E-09	7.34E-01	7.29E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MYN106	1.49E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.44E-02	7.67E-09	7.14E-05	7.94E-04	0.00E+00	0.00E+00	3.51E-13	7.19E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	9.69E-04	2.61E-01	0.00E+00	2.93E-11	1.22E-09	2.12E-04	7.16E-07	5.29E-04	0.00E+00	2.61E-01	9.70E-10	2.61E-01	2.62E-01	5.29E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05
MYN110	1.07E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.13E-02	6.53E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	3.04E-13	5.93E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.01E-04	2.38E-01	0.00E+00	2.68E-11	8.68E-10	1.38E-04	4.27E-07	3.18E-04	0.00E+00	2.38E-01	6.84E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MYN116	1.07E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.54E-09	5.02E-05	5.51E-04	0.00E+00	0.00E+00	3.05E-13	5.93E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.04E-04	2.40E-01	0.00E+00	2.68E-11	8.73E-10	1.39E-04	4.30E-07	3.21E-04	0.00E+00	2.40E-01	6.85E-10	2.40E-01	2.40E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
MYN120	1.10E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.68E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.10E-13	6.02E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.12E-04	2.43E-01	0.00E+00	2.71E-11	8.98E-10	1.43E-04	4.35E-07	3.25E-04	0.00E+00	2.43E-01	6.99E-10	2.43E-01	2.43E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
MYN125	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.33E-02	7.56E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.57E-13	6.96E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.06E-04	2.81E-01	0.00E+00	3.04E-11	1.04E-09	1.65E-04	5.02E-07	3.75E-04	0.00E+00	2.81E-01	7.96E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
MYN132	4.98E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	1.33E-04	1.49E-03	0.00E+00	0.00E+00	4.06E-13	7.73E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.26E-04	3.25E-01	0.00E+00	3.51E-11	2.99E-09	3.83E-04	5.87E-07	4.36E-04	0.00E+00	3.25E-01	8.97E-10	3.25E-01	3.24E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
MYN140	4.98E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.62E-02	1.11E-08	1.32E-04	1.49E-03	0.00E+00	0.00E+00	4.22E-13	8.27E-12	6.19E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	1.06E-03	3.34E-01	0.00E+00	3.56E-11	2.99E-09	3.83E-04	7.80E-07	5.74E-04	0.00E+00	3.34E-01	1.35E-09	3.34E-01	3.33E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	8.61E-05
MYN150	1.52E-04	3.18E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.94E-02	2.00E-08	8.00E-05	8.45E-04	0.00E+00	0.00E+00	5.57E-13	1.33E-11	8.34E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	1.31E-03	4.35E-01	0.00E+00	4.21E-11	1.29E-09	2.11E-04	9.76E-07	7.33E-04	0.00E+00	4.35E-01	1.99E-09	4.35E-01	4.47E-01	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
MYN163	1.56E-04	2.80E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.73E-02	1.09E-08	7.41E-05	8.02E-04	0.00E+00	0.00E+00	5.05E-13	1.02E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	1.29E-03	4.14E-01	0.00E+00	3.92E-11	1.25E-09	2.02E-04	8.98E-07	6.69E-04	0.00E+00	4.14E-01	1.19E-09	4.14E-01	4.28E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	9.56E-05
MYN206	2.96E-04	3.32E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.13E-02	1.09E-08	1.07E-04	1.25E-03	0.00E+00	0.00E+00	5.25E-13	1.04E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	9.12E-04	4.44E-01	0.00E+00	5.05E-11	2.08E-09	2.87E-04	6.22E-07	4.82E-04	0.00E+00	4.44E-01	1.09E-09	4.44E-01	4.34E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MYN210	2.08E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	9.75E-05	1.07E-03	0.00E+00	0.00E+00	5.77E-13	1.12E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.58E-01	0.00E+00	5.04E-11	1.69E-09	2.70E-04	8.21E-07	6.12E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.59E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MYN216	2.15E-04	3.39E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	2.23E-02	1.27E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	5.97E-13	1.16E-11	8.28E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	1.19E-03	4.74E-01	0.00E+00	5.21E-11	1.75E-09	2.79E-04	8.50E-07	6.33E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.75E-01	6.33E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
MYN220	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MYN225	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.12E-11	2.06E-09	3.28E-04	9.98E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MYN232	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN250	4.90E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.81E-02	1.34E-08	1.58E-04	1.83E-03	0.00E+00	0.00E+00	6.66E-13	1.24E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.06E-03	5.19E-01	0.00E+00	6.37E-11	3.01E-09	4.36E-04	7.45E-07	5.62E-04	0.00E+00	5.19E-01	1.32E-09	5.19E-01	5.05E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MYN263	3.95E-04	4.26E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	1.40E-04	1.60E-03	0.00E+00	0.00E+00	7.00E-13	1.37E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.42E-03	5.37E-01	0.00E+00	6.69E-11	2.60E-09	4.02E-04	1.03E-06	7.72E-04	0.00E+00	5.37E-01	1.74E-09	5.37E-01	5.21E-01	7.72E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN306	3.50E-04	5.96E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	4.06E-02	2.37E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	1.08E-12	2.13E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.39E-03	9.40E-01	0.00E+00	9.65E-11	2.85E-09	4.55E-04	1.65E-06	1.24E-03	0.00E+00	9.40E-01	2.52E-09	9.40E-01	9.44E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
MYN310	3.55E-04	6.03E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	4.10E-02	2.38E-08	1.66E-04	1.84E-03	0.00E+00	0.00E+00	1.10E-12	2.14E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.38E-03	9.42E-01	0.00E+00	9.82E-11	2.90E-09	4.63E-04	1.64E-06	1.25E-03	0.00E+00	9.42E-01	2.53E-09	9.42E-01	9.49E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MYN316	3.57E-04	5.66E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	3.68E-02	2.13E-08	1.68E-04	1.84E-03	0.00E+00	0.00E+00	9.93E-13	1.92E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.99E-06	1.99E-03	7.91E-01	0.00E+00	8.65E-11	2.92E-09	4.64E-04	1.42E-06	1.06E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.93E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04
MYN320	3.59E-04	5.60E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	3.58E-02	1.94E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.96E-13	1.82E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.97E-03	7.90E-01	0.00E+00	8.32E-11	2.88E-09	4.61E-04	1.40E-06	1.03E-03	0.00E+00	7.90E-01	2.02E-09	7.90E-01	7.91E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MYN325	4.01E-04	5.65E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	3.55E-02	1.73E-08	1.69E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.77E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.79E-03	7.89E-01	0.00E+00	8.34E-11	2.96E-09	4.65E-04	1.26E-06	9.45E-04	0.00E+00	7.89E-01	1.73E-09	7.89E-01	7.90E-01	9.45E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MYN332	5.15E-04	7.31E-02	0.00E+00	7.32E-02	0.00E+00	0.00E+00	4.52E-02	2.64E-08	2.32E-04	2.44E-03	0.00E+00	0.00E+00	1.37E-12	2.36E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.74E-09	6.37E-04	1.85E-06	1.35E-03	0.00E+00	1.00E+00	2.82E-09	1.00E+00	9.97E-01	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MYN340	5.08E-04	7.30E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.61E-02	2.66E-08	2.31E-04	2.44E-03	0.00E+00	0.00E+00	1.41E-12	2.36E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.57E-03	1.02E+00	0.00E+00	1.16E-10	3.75E-09	6.35E-04	1.94E-06	1.38E-03	0.00E+00	1.02E+00	2.88E-09	1.02E+00	1.02E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MYN350	4.40E-04	7.07E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.84E-02	2.79E-08	2.06E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.47E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.55E-09	5.68E-04	2.04E-06	1.51E-03	0.00E+00	1.11E+00	3.00E-09	1.11E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MYN363	4.39E-04	7.07E-02	0.00E+00	7.09E-02	0.00E+00	0.00E+00	4.84E-02	2.78E-08	2.06E-04	2.25E-03	0.00E+00	0.00E+00	1.35E-12	2.48E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-06	2.81E-03	1.11E+00	0.00E+00	1.19E-10	3.55E-09	5.68E-04	2.04E-06	1.50E-03	0.00E+00	1.11E+00	3.00E-09	1.11E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MYN406	4.84E-04	7.63E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.06E-02	2.86E-08	2.25E-04	2.52E-03	0.00E+00	0.00E+00	1.34E-12	2.75E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	3.22E-03	1.16E+00	0.00E+00	1.19E-10	3.91E-09	6.35E-04	2.38E-06	1.87E-03	0.00E+00	1.16E+00	3.21E-09	1.16E+00	1.15E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MYN410	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MYN416	4.32E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.03E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.40E-03	9.52E-01	0.00E+00	1.05E-10	3.51E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.52E-01	2.69E-09	9.52E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MYN420	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MYN425	5.01E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.19E-02	2.97E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-06	2.78E-03	1.10E+00	0.00E+00	1.21E-10	4.08E-09	6.50E-04	1.98E-06	1.47E-03	0.00E+00	1.10E+00	3.12E-09	1.10E+00	1.11E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MYN432	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MYN440	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MYN450	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MYN463	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MYN506	2.95E-04	3.32E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	2.13E-02	1.09E-08	1.06E-04	1.25E-03	0.00E+00	0.00E+00	5.25E-13	1.04E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	9.16E-04	4.44E-01	0.00E+00	5.04E-11	2.08E-09	2.86E-04	6.26E-07	4.83E-04	0.00E+00	4.44E-01	1.09E-09	4.44E-01	4.34E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
MYN510	2.16E-04	3.40E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.23E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	5.99E-13	1.16E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	1.20E-03	4.75E-01	0.00E+00	5.22E-11	1.75E-09	2.80E-04	8.52E-07	6.34E-04	0.00E+00	4.75E-01	1.34E-09	4.75E-01	4.76E-01	6.34E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
MYN516	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.77E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.55E-07	6.37E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.78E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN520	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.00E-13	1.16E-11	8.32E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.76E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.54E-07	6.36E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN525	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.95E-07	7.41E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.41E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MYN532	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN540	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MZ240V	3.49E-04	5.50E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.79E-03	0.00E+00	0.00E+00	9.68E-13	1.87E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-06	1.93E-03	7.69E-01	0.00E+00	8.45E-11	2.84E-09	4.53E-04	1.38E-06	1.03E-03	0.00E+00	7.69E-01	2.17E-09	7.69E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
NAN116S	5.31E-04	2.75E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.72E-02	1.10E-08	1.47E-04	1.62E-03	0.00E+00	0.00E+00	4.99E-13	1.01E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	1.29E-03	4.16E-01	0.00E+00	3.91E-11	3.14E-09	4.16E-04	8.95E-07	6.65E-04	0.00E+00	4.16E-01	1.38E-09	4.16E-01	4.27E-01	6.65E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
NAN120S	1.36E-04	2.20E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.61E-02	1.11E-08	6.61E-05	7.44E-04	0.00E+00	0.00E+00	3.99E-13	8.25E-12	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	1.04E-03	3.30E-01	0.00E+00	3.49E-11	1.16E-09	1.81E-04	7.42E-07	5.71E-04	0.00E+00	3.30E-01	1.29E-09	3.30E-01	3.32E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
NAN125S	4.80E-04	2.33E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.49E-02	9.02E-09	1.43E-04	1.53E-03	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.28E-04	3.34E-01	0.00E+00	3.53E-11	2.85E-09	3.88E-04	5.88E-07	4.35E-04	0.00E+00	3.34E-01	9.96E-10	3.34E-01	3.36E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
NAN225	3.80E-04	6.87E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	2.12E-01	4.83E-08	1.48E-04	1.74E-03	0.00E+00	2.73E-05	1.17E-12	3.16E-11	1.68E-04	2.79E-05	0.00E+00	0.00E+00	6.53E-06	3.46E-03	1.36E+00	0.00E+00	1.05E-10	2.66E-09	4.05E-04	2.57E-06	1.87E-03	0.00E+00	1.36E+00	5.42E-09	1.36E+00	1.37E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NAN232	3.66E-04	6.19E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	2.07E-01	4.58E-08	1.45E-04	1.67E-03	0.00E+00	2.73E-05	1.08E-12	2.52E-11	1.68E-04	2.79E-05	0.00E+00	0.00E+00	5.29E-06	3.04E-03	1.10E+00	0.00E+00	9.04E-11	2.56E-09	4.00E-04	2.33E-06	1.75E-03	0.00E+00	1.10E+00	4.98E-09	1.10E+00	1.09E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
NAN240	3.69E-04	6.91E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	2.12E-01	4.79E-08	1.55E-04	1.78E-03	0.00E+00	2.73E-05	1.18E-12	3.15E-11	1.69E-04	2.79E-05	0.00E+00	0.00E+00	6.55E-06	3.47E-03	1.35E+00	0.00E+00	1.07E-10	2.81E-09	4.18E-04	2.57E-06	1.87E-03	0.00E+00	1.35E+00	5.26E-09	1.35E+00	1.38E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NAN250	3.74E-04	6.93E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	2.12E-01	4.66E-08	1.57E-04	1.81E-03	0.00E+00	2.73E-05	1.19E-12	3.16E-11	1.68E-04	2.79E-05	0.00E+00	0.00E+00	6.59E-06	3.48E-03	1.36E+00	0.00E+00	1.07E-10	2.83E-09	4.24E-04	2.58E-06	1.88E-03	0.00E+00	1.36E+00	5.14E-09	1.36E+00	1.38E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
NAN263	3.75E-04	6.94E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	2.12E-01	4.61E-08	1.57E-04	1.81E-03	0.00E+00	2.73E-05	1.19E-12	3.16E-11	1.68E-04	2.79E-05	0.00E+00	0.00E+00	6.59E-06	3.48E-03	1.36E+00	0.00E+00	1.07E-10	2.83E-09	4.24E-04	2.60E-06	1.88E-03	0.00E+00	1.36E+00	5.13E-09	1.36E+00	1.38E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
NAN316S	4.35E-04	6.82E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.59E-02	2.69E-08	2.01E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.43E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.54E-03	1.01E+00	0.00E+00	1.05E-10	3.49E-09	5.50E-04	1.88E-06	1.37E-03	0.00E+00	1.01E+00	2.88E-09	1.01E+00	1.02E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04

NAN320S	4.34E-04	6.59E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.43E-02	2.12E-08	1.94E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.23E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.35E-03	9.17E-01	0.00E+00	1.01E-10	3.41E-09	5.39E-04	1.70E-06	1.22E-03	0.00E+00	9.17E-01	2.25E-09	9.17E-01	9.42E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NAN325	4.91E-04	8.73E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	2.28E-01	5.33E-08	2.09E-04	2.49E-03	0.00E+00	2.73E-05	1.53E-12	3.82E-11	2.13E-04	2.79E-05	0.00E+00	0.00E+00	8.91E-06	5.51E-03	1.49E+00	0.00E+00	1.38E-10	3.79E-09	5.88E-04	4.32E-06	3.26E-03	0.00E+00	1.49E+00	5.86E-09	1.49E+00	1.55E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-04
NAN325S	4.41E-04	7.37E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	5.06E-02	2.81E-08	1.88E-04	2.18E-03	0.00E+00	0.00E+00	1.26E-12	2.80E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	3.13E-03	1.15E+00	0.00E+00	1.14E-10	3.35E-09	5.39E-04	2.33E-06	1.75E-03	0.00E+00	1.15E+00	3.22E-09	1.15E+00	1.13E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NAN332	4.91E-04	8.75E-02	0.00E+00	8.90E-02	0.00E+00	0.00E+00	2.28E-01	4.88E-08	2.15E-04	2.56E-03	0.00E+00	2.73E-05	1.52E-12	3.81E-11	2.14E-04	2.79E-05	0.00E+00	0.00E+00	8.91E-06	5.51E-03	1.49E+00	0.00E+00	1.38E-10	3.88E-09	6.18E-04	4.31E-06	3.26E-03	0.00E+00	1.49E+00	5.46E-09	1.49E+00	1.55E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-04
NAN340	4.93E-04	8.80E-02	0.00E+00	8.93E-02	0.00E+00	0.00E+00	2.28E-01	4.85E-08	2.17E-04	2.55E-03	0.00E+00	2.73E-05	1.53E-12	3.82E-11	2.14E-04	2.79E-05	0.00E+00	0.00E+00	8.91E-06	5.56E-03	1.49E+00	0.00E+00	1.40E-10	3.94E-09	6.24E-04	4.31E-06	3.22E-03	0.00E+00	1.49E+00	5.34E-09	1.49E+00	1.56E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	3.75E-04
NAN350	4.80E-04	8.07E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	2.22E-01	4.92E-08	2.19E-04	2.50E-03	0.00E+00	2.73E-05	1.43E-12	3.38E-11	1.93E-04	2.79E-05	0.00E+00	0.00E+00	7.83E-06	3.74E-03	1.35E+00	0.00E+00	1.31E-10	3.83E-09	6.26E-04	2.70E-06	2.01E-03	0.00E+00	1.35E+00	5.30E-09	1.35E+00	1.39E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NAN363	4.88E-04	8.25E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	2.22E-01	4.87E-08	2.22E-04	2.53E-03	0.00E+00	2.73E-05	1.49E-12	3.42E-11	2.01E-04	2.79E-05	0.00E+00	0.00E+00	8.01E-06	3.75E-03	1.37E+00	0.00E+00	1.35E-10	3.88E-09	6.36E-04	2.72E-06	2.03E-03	0.00E+00	1.37E+00	5.29E-09	1.37E+00	1.41E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
NAN425	5.63E-04	9.82E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	2.29E-01	5.41E-08	2.46E-04	2.85E-03	0.00E+00	2.73E-05	1.58E-12	3.95E-11	2.24E-04	2.79E-05	0.00E+00	0.00E+00	9.32E-06	6.59E-03	1.60E+00	0.00E+00	1.45E-10	4.37E-09	7.07E-04	4.87E-06	3.76E-03	0.00E+00	1.60E+00	5.91E-09	1.60E+00	1.65E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04
NAN432	5.60E-04	9.80E-02	0.00E+00	9.99E-02	0.00E+00	0.00E+00	2.30E-01	5.37E-08	2.47E-04	2.85E-03	0.00E+00	2.73E-05	1.63E-12	3.95E-11	2.27E-04	2.79E-05	0.00E+00	0.00E+00	9.42E-06	6.58E-03	1.60E+00	0.00E+00	1.48E-10	4.36E-09	7.07E-04	4.87E-06	3.70E-03	0.00E+00	1.60E+00	5.91E-09	1.60E+00	1.66E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-04
NAN440	5.73E-04	9.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	2.30E-01	5.43E-08	2.54E-04	2.88E-03	0.00E+00	2.73E-05	1.60E-12	3.99E-11	2.28E-04	2.79E-05	0.00E+00	0.00E+00	9.41E-06	6.58E-03	1.60E+00	0.00E+00	1.48E-10	4.48E-09	7.19E-04	4.94E-06	3.69E-03	0.00E+00	1.60E+00	5.79E-09	1.60E+00	1.67E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-04
NAN450	5.73E-04	9.95E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	2.30E-01	5.34E-08	2.54E-04	2.89E-03	0.00E+00	2.73E-05	1.66E-12	4.00E-11	2.31E-04	2.79E-05	0.00E+00	0.00E+00	9.56E-06	6.56E-03	1.61E+00	0.00E+00	1.52E-10	4.48E-09	7.21E-04	4.95E-06	3.69E-03	0.00E+00	1.61E+00	5.81E-09	1.61E+00	1.67E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04
NAN463	5.75E-04	9.96E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	2.31E-01	5.32E-08	2.55E-04	2.90E-03	0.00E+00	2.73E-05	1.67E-12	4.02E-11	2.33E-04	2.79E-05	0.00E+00	0.00E+00	9.56E-06	6.52E-03	1.62E+00	0.00E+00	1.52E-10	4.49E-09	7.24E-04	4.92E-06	3.71E-03	0.00E+00	1.62E+00	5.78E-09	1.62E+00	1.68E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-04
NB106A	1.28E-03	2.66E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.75E-02	9.02E-09	3.04E-04	3.33E-03	0.00E+00	0.00E+00	3.95E-13	8.33E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	7.54E-04	3.46E-01	0.00E+00	3.91E-11	6.78E-09	8.55E-04	5.34E-07	3.99E-04	0.00E+00	3.46E-01	9.13E-10	3.46E-01	3.48E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	9.93E-05
NB110A	1.32E-03	2.71E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.78E-02	9.07E-09	3.08E-04	3.39E-03	0.00E+00	0.00E+00	3.96E-13	8.31E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.58E-04	3.47E-01	0.00E+00	4.00E-11	6.88E-09	8.73E-04	5.36E-07	4.00E-04	0.00E+00	3.47E-01	9.17E-10	3.47E-01	3.51E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-05
NB113A	9.21E-05	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.45E-02	1.68E-08	4.25E-05	4.84E-04	0.00E+00	0.00E+00	3.43E-13	6.68E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	7.11E-04	2.75E-01	0.00E+00	4.03E-11	8.16E-10	1.12E-04	5.19E-07	3.94E-04	0.00E+00	2.75E-01	1.54E-09	2.75E-01	2.75E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
NB116A	1.33E-03	2.73E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.79E-02	9.12E-09	3.08E-04	3.40E-03	0.00E+00	0.00E+00	3.98E-13	8.31E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.59E-04	3.41E-01	0.00E+00	3.92E-11	6.91E-09	8.77E-04	5.38E-07	4.01E-04	0.00E+00	3.41E-01	9.23E-10	3.41E-01	3.46E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
NB120A	1.32E-03	2.70E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.78E-02	9.11E-09	3.08E-04	3.40E-03	0.00E+00	0.00E+00	3.97E-13	8.30E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.56E-04	3.43E-01	0.00E+00	4.00E-11	6.89E-09	8.71E-04	5.34E-07	4.00E-04	0.00E+00	3.43E-01	9.17E-10	3.43E-01	3.48E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
NB125A	1.37E-03	2.70E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.78E-02	9.11E-09	3.05E-04	3.38E-03	0.00E+00	0.00E+00	3.98E-13	8.31E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	7.58E-04	3.47E-01	0.00E+00	4.00E-11	6.86E-09	8.78E-04	5.36E-07	4.01E-04	0.00E+00	3.47E-01	9.17E-10	3.47E-01	3.52E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
NB132A	4.96E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.49E-02	8.59E-09	1.33E-04	1.49E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.26E-04	3.25E-01	0.00E+00	3.51E-11	2.98E-09	3.86E-04	5.82E-07	4.36E-04	0.00E+00	3.25E-01	8.98E-10	3.25E-01	3.24E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
NB140A	1.42E-03	2.72E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.76E-02	9.32E-09	3.13E-04	3.41E-03	0.00E+00	0.00E+00	4.02E-13	8.29E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.60E-04	3.35E-01	0.00E+00	3.90E-11	7.22E-09	8.88E-04	5.41E-07	4.06E-04	0.00E+00	3.35E-01	9.41E-10	3.35E-01	3.41E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	9.83E-05
NB150A	1.64E-04	2.90E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.78E-02	1.73E-08	7.73E-05	8.13E-04	0.00E+00	0.00E+00	5.10E-13	1.19E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	1.33E-03	4.19E-01	0.00E+00	4.12E-11	1.29E-09	2.02E-04	9.36E-07	6.95E-04	0.00E+00	4.19E-01	1.86E-09	4.19E-01	4.30E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
NB163A	1.67E-04	2.90E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.77E-02	1.69E-08	7.78E-05	8.16E-04	0.00E+00	0.00E+00	5.10E-13	1.19E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.36E-03	4.17E-01	0.00E+00	4.10E-11	1.29E-09	2.03E-04	9.41E-07	7.07E-04	0.00E+00	4.17E-01	1.82E-09	4.17E-01	4.29E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
NB206A	2.29E-03	4.48E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.22E-02	1.85E-08	5.12E-04	5.30E-03	0.00E+00	0.00E+00	7.67E-13	1.60E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.24E-06	1.54E-03	5.92E-01	0.00E+00	7.15E-11	1.16E-08	1.41E-03	1.12E-06	8.05E-04	0.00E+00	5.92E-01	2.00E-09	5.92E-01	5.92E-01	8.05E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
NB210A	1.98E-03	4.29E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	3.08E-02	1.61E-08	4.56E-04	4.79E-03	0.00E+00	0.00E+00	7.42E-13	1.45E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.46E-03	5.81E-01	0.00E+00	6.92E-11	9.92E-09	1.23E-03	1.05E-06	7.65E-04	0.00E+00	5.81E-01	1.71E-09	5.81E-01	5.78E-01	7.65E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
NB213A	3.23E-04	3.70E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.45E-02	1.27E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.70E-13	1.13E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	9.21E-04	4.81E-01	0.00E+00	5.80E-11	2.29E-09	3.19E-04	6.14E-07	4.74E-04	0.00E+00	4.81E-01	1.29E-09	4.81E-01	4.66E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NB216A	2.03E-03	4.31E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.10E-02	1.62E-08	4.77E-04	4.94E-03	0.00E+00	0.00E+00	7.43E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.46E-03	5.85E-01	0.00E+00	7.00E-11	1.05E-08	1.28E-03	1.06E-06	7.69E-04	0.00E+00	5.85E-01	1.73E-09	5.85E-01	5.82E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-04
NB220A	2.05E-03	4.35E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.24E-02	1.64E-08	4.81E-04	4.96E-03	0.00E+00	0.00E+00	7.59E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-06	1.48E-03	5.91E-01	0.00E+00	7.06E-11	1.06E-08	1.31E-03	1.09E-06	7.78E-04	0.00E+00	5.91E-01	1.77E-09	5.91E-01	5.86E-01	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04
NB225A	2.38E-03	4.87E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.51E-02	1.73E-08	5.10E-04	5.28E-03	0.00E+00	0.00E+00	8.56E-13	1.58E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-06	1.65E-03	6.56E-01	0.00E+00	7.43E-11	1.14E-08	1.42E-03	1.19E-06	8.71E-04	0.00E+00	6.56E-01	1.89E-09	6.56E-01	6.51E-01	8.71E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
NB232A	2.53E-03	4.85E-02	0.00E+00	4.99E-02	0.00E+00	0.00E+00	3.56E-02	1.82E-08	5.39E-04	5.76E-03	0.00E+00	0.00E+00	8.79E-13	1.66E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-06	1.68E-03	6.60E-01	0.00E+00	7.72E-11	1.23E-08	1.50E-03	1.21E-06	8.87E-04	0.00E+00	6.60E-01	1.96E-09	6.60E-01	6.54E-01	8.87E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
NB240A	2.57E-03	4.85E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	3.55E-02	1.87E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	8.42E-13	1.65E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-06	1.68E-03	6.55E-01	0.00E+00	7.65E-11	1.32E-08	1.61E-03	1.23E-06	9.15E-04	0.00E+00	6.55E-01	1.99E-09	6.55E-01	6.49E-01	9.15E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-04
NB250A	2.58E-03	4.92E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.58E-02	1.90E-08	5.50E-04	5.93E-03	0.00E+00	0.00E+00	8.92E-13	1.71E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.73E-03	6.57E-01	0.00E+00	7.72E-11	1.27E-08	1.53E-03	1.25E-06	9.26E-04	0.00E+00	6.57E-01	2.02E-09	6.57E-01	6.54E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
NB263A	2.62E-03	5.20E-02	0.00E+00	5.28E-02	0.00E+00	0.00E+00	3.67E-02	2.12E-08	5.78E-04	6.12E-03	0.00E+00	0.00E+00	9.09E-13	1.86E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.81E-03	6.71E-01	0.00E+00	7.79E-11	1.35E-08	1.60E-03	1.34E-06	1.01E-03	0.00E+00	6.71E-01	2.25E-09	6.71E-01	6.64E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04
NB306A	3.59E-04	6.05E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.10E-02	2.41E-08	1.69E-04	1.85E-03	0.00E+00	0.00E+00	1.10E-12	2.17E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.39E-03	9.43E-01	0.00E+00	9.84E-11	2.93E-09	4.67E-04	1.66E-06	1.25E-03	0.00E+00	9.43E-01	2.57E-09	9.43E-01	9.53E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NB310A	3.37E-03	9.06E-02	0.00E+00	9.08E-02	0.00E+00	0.00E+00	4.56E-02	2.37E-08	7.69E-04	8.44E-03	0.00E+00	0.00E+00	1.33E-12	2.57E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-06	2.48E-03	1.03E+00	0.00E+00	1.13E-10	1.74E-08	2.20E-03	1.75E-06	1.30E-03	0.00E+00	1.03E+00	2.62E-09	1.03E+00	1.03E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NB313A	3.69E-04	5.74E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	3.58E-02	1.84E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	1.04E-12	1.84E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.96E-03	8.15E-01	0.00E+00	8.61E-11	2.94E-09	4.70E-04	1.38E-06	1.03E-03	0.00E+00	8.15E-01	1.96E-09	8.15E-01	8.17E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NB316A	3.38E-03	9.11E-02	0.00E+00	9.13E-02	0.00E+00	0.00E+00	4.70E-02	2.40E-08	7.79E-04	8.56E-03	0.00E+00	0.00E+00	1.33E-12	2.61E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.47E-03	1.03E+00	0.00E+00	1.18E-10	1.77E-08	2.23E-03	1.77E-06	1.30E-03	0.00E+00	1.03E+00	2.62E-09	1.03E+00	1.03E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NB320A	3.41E-03	8.80E-02	0.00E+00	8.85E-02	0.00E+00	0.00E+00	4.62E-02	2.22E-08	7.83E-04	8.56E-03	0.00E+00	0.00E+00	1.28E-12	2.40E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.17E-03	8.84E-01	0.00E+00	1.10E-10	1.79E-08	2.26E-03	1.62E-06	1.16E-03	0.00E+00	8.84E-01	2.39E-09	8.84E-01	8.86E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NB325A	4.07E-04	5.97E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.94E-02	1.83E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.07E-03	8.40E-01	0.00E+00	9.05E-11	3.03E-09	4.71E-04	1.46E-06	1.08E-03	0.00E+00	8.40E-01	1.85E-09	8.40E-01	8.41E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NB332A	3.98E-03	9.82E-02	0.00E+00	9.98E-02	0.00E+00	0.00E+00	5.28E-02	2.72E-08	9.15E-04	1.01E-02	0.00E+00	0.00E+00	1.32E-12	2.67E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-06	2.65E-03	1.05E+00	0.00E+00	1.29E-10	2.10E-08	2.63E-03	1.92E-06	1.40E-03	0.00E+00	1.05E+00	2.79E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
NB340A	3.97E-03	9.88E-02	0.00E+00	1.02E-01	0.00E+00	0.00E+00	5.42E-02	2.73E-08	9.23E-04	1.01E-02	0.00E+00	0.00E+00	1.40E-12	2.73E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-06	2.82E-03	1.09E+00	0.00E+00	1.36E-10	2.08E-08	2.63E-03	2.07E-06	1.49E-03	0.00E+00	1.09E+00	2.90E-09	1.09E+00	1.09E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NB350A	3.97E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	5.50E-02	2.86E-08	9.04E-04	9.97E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	2.85E-03	1.11E+00	0.00E+00	1.37E-10	2.06E-08	2.57E-03	2.10E-06	1.52E-03	0.00E+00	1.11E+00	3.02E-09	1.11E+00	1.09E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
NB363A	3.98E-03	1.01E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	5.53E-02	2.88E-08	9.13E-04	1.00E-02	0.00E+00	0.00E+00	1.44E-12	2.78E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	2.90E-03	1.12E+00	0.00E+00	1.38E-10	2.07E-08	2.58E-03	2.16E-06	1.53E-03	0.00E+00	1.12E+00	3.05E-09	1.12E+00	1.11E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
NB406A	5.00E-04	8.25E-02	0.00E+00	8.44E-02	0.00E+00	0.00E+00	5.94E-02	3.63E-08	2.29E-04	2.59E-03	0.00E+00	0.00E+00	1.44E-12	3.39E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	5.50E-03	1.34E+00	0.00E+00	1.28E-10	4.08E-09	6.50E-04	4.30E-06	3.33E-03	0.00E+00	1.34E+00	3.88E-09	1.34E+00	1.34E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
NB410A	4.91E-04	8.14E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	5.85E-02	3.61E-08	2.25E-04	2.55E-03	0.00E+00	0.00E+00	1.42E-12	3.36E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-06	5.48E-03	1.34E+00	0.00E+00	1.27E-10	4.01E-09	6.39E-04	4.30E-06	3.32E-03	0.00E+00	1.34E+00	3.87E-09	1.34E+00	1.34E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NB413A	4.97E-04	7.26E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	4.68E-02	2.04E-08	2.20E-04	2.43E-03	0.00E+00	0.00E+00	1.27E-12	2.37E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.36E-03	9.30E-01	0.00E+00	1.08E-10	3.88E-09	6.14E-04	1.68E-06	1.22E-03	0.00E+00	9.30E-01	2.08E-09	9.30E-01	9.28E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NB416A	5.00E-04	8.27E-02	0.00E+00	8.45E-02	0.00E+00	0.00E+00	5.87E-02	3.63E-08	2.30E-04	2.59E-03	0.00E+00	0.00E+00	1.44E-12	3.39E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	5.50E-03	1.35E+00	0.00E+00	1.29E-10	4.08E-09	6.51E-04	4.30E-06	3.33E-03	0.00E+00	1.35E+00	3.88E-09	1.35E+00	1.34E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
NB420A	5.05E-04	8.38E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.92E-02	3.66E-08	2.32E-04	2.62E-03	0.00E+00	0.00E+00	1.47E-12	3.42E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-06	5.52E-03	1.36E+00	0.00E+00	1.30E-10	4.11E-09	6.58E-04	4.32E-06	3.34E-03	0.00E+00	1.36E+00	3.92E-09	1.36E+00	1.35E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
NB425A	5.07E-04	8.44E-02	0.00E+00	8.60E-02	0.00E+00	0.00E+00	5.92E-02	3.70E-08	2.33E-04	2.64E-03	0.00E+00	0.00E+00	1.48E-12	3.43E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	5.53E-03	1.36E+00	0.00E+00	1.31E-10	4.14E-09	6.63E-04	4.32E-06	3.33E-03	0.00E+00	1.36E+00	3.95E-09	1.36E+00	1.36E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
NB432A	5.49E-04	9.08E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	6.34E-02	3.91E-08	2.53E-04	2.86E-03	0.00E+00	0.00E+00	1.57E-12	3.59E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-06	5.61E-03	1.41E+00	0.00E+00	1.39E-10	4.42E-09	7.12E-04	4.38E-06	3.34E-03	0.00E+00	1.41E+00	4.18E-09	1.41E+00	1.41E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	3.62E-04
NB440A	5.50E-04	9.13E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	6.37E-02	3.92E-08	2.53E-04	2.87E-03	0.00E+00	0.00E+00	1.58E-12	3.59E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-06	5.55E-03	1.43E+00	0.00E+00	1.40E-10	4.44E-09	7.12E-04	4.37E-06	3.32E-03	0.00E+00	1.43E+00	4.19E-09	1.43E+00	1.43E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-04
NB450A	4.02E-03	1.05E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.09E-02	3.32E-08	9.22E-04	1.01E-02	0.00E+00	0.00E+00	1.64E-12	3.03E-11	2.43E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-06	3.17E-03	1.23E+00	0.00E+00	1.49E-10	2.10E-08	2.60E-03	2.24E-06	1.67E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NB463A	4.03E-03	1.07E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	6.11E-02	3.33E-08	9.31E-04	1.02E-02	0.00E+00	0.00E+00	1.65E-12	3.05E-11	2.44E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-06	3.42E-03	1.24E+00	0.00E+00	1.50E-10	2.11E-08	2.61E-03	2.48E-06	1.89E-03	0.00E+00	1.24E+00	3.69E-09	1.24E+00	1.24E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NBN006	4.66E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.48E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.99E-04	2.79E-01	0.00E+00	3.04E-11	2.72E-09	3.41E-04	5.02E-07	3.70E-04	0.00E+00	2.79E-01	7.82E-10	2.79E-01	2.80E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NBN010	4.65E-04	2.06E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.32E-02	7.51E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.51E-13	6.87E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.80E-01	0.00E+00	3.08E-11	2.74E-09	3.40E-04	5.03E-07	3.72E-04	0.00E+00	2.80E-01	7.85E-10	2.80E-01	2.80E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NBN013	4.66E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.55E-09	1.25E-04	1.34E-03	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.04E-04	2.81E-01	0.00E+00	3.09E-11	2.72E-09	3.42E-04	5.06E-07	3.73E-04	0.00E+00	2.81E-01	7.89E-10	2.81E-01	2.81E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
NBN016	4.48E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.54E-09	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.52E-13	6.86E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.04E-04	2.81E-01	0.00E+00	3.10E-11	2.65E-09	3.37E-04	5.05E-07	3.73E-04	0.00E+00	2.81E-01	7.88E-10	2.81E-01	2.81E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NBN020	1.32E-04	2.55E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.63E-02	1.01E-08	6.10E-05	6.98E-04	0.00E+00	0.00E+00	4.61E-13	9.67E-12	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	1.27E-03	3.87E-01	0.00E+00	3.57E-11	1.10E-09	1.79E-04	8.81E-07	6.59E-04	0.00E+00	3.87E-01	1.26E-09	3.87E-01	4.00E-01	6.59E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05
NBN025	4.49E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.56E-09	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.56E-13	6.92E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.11E-04	2.84E-01	0.00E+00	3.10E-11	2.66E-09	3.37E-04	5.11E-07	3.78E-04	0.00E+00	2.84E-01	7.90E-10	2.84E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
NBN032	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.82E-13	7.48E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	2.62E-09	3.28E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NBN040	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.29E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.84E-13	7.47E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.64E-04	3.04E-01	0.00E+00	3.33E-11	2.62E-09	3.28E-04	5.44E-07	4.05E-04	0.00E+00	3.04E-01	8.70E-10	3.04E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05
NBN050	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.31E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.83E-13	7.46E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.65E-04	3.04E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.44E-07	4.06E-04	0.00E+00	3.04E-01	8.72E-10	3.04E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05
NBN063	4.58E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.44E-02	8.34E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.84E-13	7.48E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.68E-04	3.05E-01	0.00E+00	3.34E-11	2.68E-09	3.34E-04	5.46E-07	4.07E-04	0.00E+00	3.05E-01	8.74E-10	3.05E-01	3.05E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NBN106	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN106N	1.42E-03	2.70E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.83E-02	1.08E-08	3.31E-04	3.70E-03	0.00E+00	0.00E+00	3.97E-13	8.37E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	8.62E-04	3.63E-01	0.00E+00	3.94E-11	7.19E-09	9.66E-04	6.14E-07	4.50E-04	0.00E+00	3.63E-01	1.15E-09	3.63E-01	3.66E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
NBN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN110A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN110N	1.43E-03	2.76E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.87E-02	1.09E-08	3.33E-04	3.73E-03	0.00E+00	0.00E+00	3.97E-13	8.40E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	8.66E-04	3.70E-01	0.00E+00	4.02E-11	7.23E-09	9.77E-04	6.08E-07	4.51E-04	0.00E+00	3.70E-01	1.16E-09	3.70E-01	3.70E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.85E-05
NBN113	4.65E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.02E-04	2.79E-01	0.00E+00	3.08E-11	2.74E-09	3.41E-04	5.04E-07	3.73E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NBN116	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
NBN116A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NBN116N	1.44E-03	2.75E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.88E-02	1.09E-08	3.34E-04	3.75E-03	0.00E+00	0.00E+00	3.98E-13	8.39E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	8.64E-04	3.70E-01	0.00E+00	4.02E-11	7.27E-09	9.79E-04	6.08E-07	4.50E-04	0.00E+00	3.70E-01	1.16E-09	3.70E-01	3.70E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
NBN120	4.67E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.58E-09	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.73E-09	3.42E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NBN120A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NBN120N	1.45E-03	2.74E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.88E-02	1.09E-08	3.33E-04	3.74E-03	0.00E+00	0.00E+00	3.97E-13	8.36E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	8.59E-04	3.63E-01	0.00E+00	4.01E-11	7.28E-09	9.65E-04	6.10E-07	4.48E-04	0.00E+00	3.63E-01	1.15E-09	3.63E-01	3.63E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
NBN125	4.48E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.56E-09	1.24E-04	1.34E-03	0.00E+00	0.00E+00	3.56E-13	6.92E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.82E-01	0.00E+00	3.10E-11	2.68E-09	3.39E-04	5.10E-07	3.77E-04	0.00E+00	2.82E-01	7.90E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NBN125A	1.28E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.45E-09	5.98E-05	6.57E-04	0.00E+00	0.00E+00	3.52E-13	6.78E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.04E-04	2.82E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.05E-07	3.74E-04	0.00E+00	2.82E-01	7.83E-10	2.82E-01	2.83E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
NBN125N	1.49E-03	2.77E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.88E-02	1.10E-08	3.35E-04	3.76E-03	0.00E+00	0.00E+00	3.98E-13	8.34E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	8.64E-04	3.59E-01	0.00E+00	3.93E-11	7.36E-09	9.86E-04	6.17E-07	4.52E-04	0.00E+00	3.59E-01	1.16E-09	3.59E-01	3.61E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.87E-05
NBN132	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.82E-13	7.48E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	2.62E-09	3.28E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-05
NBN132A	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.34E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
NBN132N	1.61E-03	3.73E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.33E-02	2.01E-08	3.80E-04	4.20E-03	0.00E+00	0.00E+00	5.86E-13	1.38E-11	8.31E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.43E-03	4.69E-01	0.00E+00	4.78E-11	8.55E-09	1.09E-03	1.03E-06	7.77E-04	0.00E+00	4.69E-01	2.06E-09	4.69E-01	4.81E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
NBN140	1.35E-04	2.23E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.59E-02	1.08E-08	6.35E-05	7.20E-04	0.00E+00	0.00E+00	4.05E-13	8.07E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.03E-03	3.21E-01	0.00E+00	3.43E-11	1.09E-09	1.75E-04	7.43E-07	5.68E-04	0.00E+00	3.21E-01	1.33E-09	3.21E-01	3.21E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
NBN140A	1.38E-04	2.16E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.18E-09	6.48E-05	7.12E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.26E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.59E-04	3.02E-01	0.00E+00	3.31E-11	1.12E-09	1.79E-04	5.40E-07	4.02E-04	0.00E+00	3.02E-01	8.60E-10	3.02E-01	3.02E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05
NBN140N	1.51E-03	2.76E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.86E-02	1.11E-08	3.39E-04	3.78E-03	0.00E+00	0.00E+00	3.99E-13	8.36E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	8.74E-04	3.57E-01	0.00E+00	3.92E-11	7.66E-09	9.98E-04	6.25E-07	4.56E-04	0.00E+00	3.57E-01	1.16E-09	3.57E-01	3.63E-01	4.56E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-05
NBN150	1.37E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.46E-02	1.08E-08	6.62E-05	7.30E-04	0.00E+00	0.00E+00	3.99E-13	7.54E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	1.03E-03	3.19E-01	0.00E+00	3.45E-11	1.10E-09	1.83E-04	7.52E-07	5.57E-04	0.00E+00	3.19E-01	1.32E-09	3.19E-01	3.19E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05

NBN150A	1.37E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.45E-02	1.08E-08	6.62E-05	7.30E-04	0.00E+00	0.00E+00	3.99E-13	7.54E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	1.03E-03	3.19E-01	0.00E+00	3.45E-11	1.10E-09	1.83E-04	7.52E-07	5.57E-04	0.00E+00	3.19E-01	1.32E-09	3.19E-01	3.19E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05
NBN150N	1.47E-03	2.78E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.83E-02	1.13E-08	3.33E-04	3.75E-03	0.00E+00	0.00E+00	4.14E-13	8.36E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.00E-04	3.58E-01	0.00E+00	4.01E-11	7.45E-09	9.89E-04	6.51E-07	4.74E-04	0.00E+00	3.58E-01	1.18E-09	3.58E-01	3.64E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
NBN163	1.36E-04	2.21E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.59E-02	1.08E-08	6.38E-05	7.23E-04	0.00E+00	0.00E+00	4.03E-13	8.06E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.04E-03	3.20E-01	0.00E+00	3.43E-11	1.08E-09	1.77E-04	7.67E-07	5.71E-04	0.00E+00	3.20E-01	1.33E-09	3.20E-01	3.21E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
NBN163A	1.34E-04	2.20E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.44E-02	1.07E-08	6.33E-05	7.17E-04	0.00E+00	0.00E+00	3.88E-13	7.49E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	1.03E-03	3.19E-01	0.00E+00	3.38E-11	1.06E-09	1.75E-04	7.61E-07	5.64E-04	0.00E+00	3.19E-01	1.31E-09	3.19E-01	3.20E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05
NBN163N	1.49E-03	2.78E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.85E-02	1.13E-08	3.34E-04	3.75E-03	0.00E+00	0.00E+00	4.15E-13	8.36E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.00E-04	3.58E-01	0.00E+00	4.00E-11	7.60E-09	9.95E-04	6.51E-07	4.73E-04	0.00E+00	3.58E-01	1.18E-09	3.58E-01	3.64E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
NBN163R	4.58E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.44E-02	8.31E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.84E-13	7.47E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.68E-04	3.05E-01	0.00E+00	3.34E-11	2.68E-09	3.34E-04	5.46E-07	4.08E-04	0.00E+00	3.05E-01	8.71E-10	3.05E-01	3.05E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NBN206	4.33E-04	3.63E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.63E-02	1.26E-08	1.49E-04	1.72E-03	0.00E+00	0.00E+00	6.11E-13	1.16E-11	7.82E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.79E-09	4.06E-04	7.38E-07	5.51E-04	0.00E+00	4.91E-01	1.24E-09	4.91E-01	4.79E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN206A	4.07E-04	3.62E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.62E-02	1.27E-08	1.48E-04	1.72E-03	0.00E+00	0.00E+00	6.16E-13	1.16E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.72E-09	4.02E-04	7.38E-07	5.50E-04	0.00E+00	4.91E-01	1.28E-09	4.91E-01	4.79E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN206N	1.88E-03	3.98E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.97E-02	1.71E-08	4.34E-04	4.65E-03	0.00E+00	0.00E+00	6.37E-13	1.20E-11	7.96E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.17E-03	5.15E-01	0.00E+00	6.02E-11	9.33E-09	1.17E-03	8.31E-07	5.96E-04	0.00E+00	5.15E-01	1.76E-09	5.15E-01	4.98E-01	5.96E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN210	3.82E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.90E-02	1.52E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.43E-03	5.64E-01	0.00E+00	6.62E-11	2.49E-09	3.77E-04	1.03E-06	7.53E-04	0.00E+00	5.64E-01	1.60E-09	5.64E-01	5.64E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NBN210A	2.60E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NBN210N	1.85E-03	3.92E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.95E-02	1.63E-08	4.20E-04	4.58E-03	0.00E+00	0.00E+00	6.31E-13	1.18E-11	7.91E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.17E-03	5.16E-01	0.00E+00	5.88E-11	9.17E-09	1.15E-03	8.25E-07	6.00E-04	0.00E+00	5.16E-01	1.74E-09	5.16E-01	4.92E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
NBN213	3.83E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.55E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.45E-03	5.64E-01	0.00E+00	6.63E-11	2.51E-09	3.77E-04	1.04E-06	7.54E-04	0.00E+00	5.64E-01	1.62E-09	5.64E-01	5.64E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NBN216	3.87E-04	3.86E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.89E-02	1.52E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	7.11E-13	1.37E-11	9.80E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.44E-03	5.62E-01	0.00E+00	6.38E-11	2.61E-09	4.00E-04	1.03E-06	7.60E-04	0.00E+00	5.62E-01	1.58E-09	5.62E-01	5.64E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
NBN216A	3.35E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.57E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.22E-13	1.40E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.44E-03	5.64E-01	0.00E+00	6.62E-11	2.37E-09	3.75E-04	1.03E-06	7.54E-04	0.00E+00	5.64E-01	1.66E-09	5.64E-01	5.66E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NBN216N	1.86E-03	4.00E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.98E-02	1.64E-08	4.21E-04	4.60E-03	0.00E+00	0.00E+00	6.38E-13	1.20E-11	7.98E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.18E-03	5.22E-01	0.00E+00	6.00E-11	9.18E-09	1.16E-03	8.23E-07	6.01E-04	0.00E+00	5.22E-01	1.78E-09	5.22E-01	4.98E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN220	3.92E-04	4.02E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.95E-02	1.56E-08	1.42E-04	1.56E-03	0.00E+00	0.00E+00	7.30E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.47E-03	5.80E-01	0.00E+00	6.70E-11	2.60E-09	3.89E-04	1.06E-06	7.71E-04	0.00E+00	5.80E-01	1.62E-09	5.80E-01	5.82E-01	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NBN220A	3.41E-04	4.02E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.95E-02	1.57E-08	1.42E-04	1.55E-03	0.00E+00	0.00E+00	7.41E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.47E-03	5.80E-01	0.00E+00	6.69E-11	2.44E-09	3.86E-04	1.06E-06	7.69E-04	0.00E+00	5.80E-01	1.66E-09	5.80E-01	5.83E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NBN220N	1.86E-03	4.02E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	4.17E-04	4.61E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.18E-03	5.23E-01	0.00E+00	6.04E-11	9.20E-09	1.14E-03	8.26E-07	6.02E-04	0.00E+00	5.23E-01	1.78E-09	5.23E-01	4.99E-01	6.02E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN225	3.90E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.98E-02	1.60E-08	1.39E-04	1.55E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.49E-03	5.86E-01	0.00E+00	6.75E-11	2.55E-09	3.86E-04	1.07E-06	7.86E-04	0.00E+00	5.86E-01	1.67E-09	5.86E-01	5.89E-01	7.86E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN225A	3.43E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.98E-02	1.62E-08	1.38E-04	1.55E-03	0.00E+00	0.00E+00	7.44E-13	1.43E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.50E-03	5.85E-01	0.00E+00	6.74E-11	2.43E-09	3.84E-04	1.07E-06	7.84E-04	0.00E+00	5.85E-01	1.71E-09	5.85E-01	5.90E-01	7.84E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN225N	2.38E-03	4.12E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	3.12E-02	1.64E-08	4.99E-04	5.35E-03	0.00E+00	0.00E+00	6.62E-13	1.25E-11	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.18E-03	5.33E-01	0.00E+00	6.25E-11	1.12E-08	1.38E-03	8.25E-07	6.01E-04	0.00E+00	5.33E-01	1.81E-09	5.33E-01	5.07E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NBN232	3.98E-04	4.37E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	3.12E-02	1.67E-08	1.42E-04	1.57E-03	0.00E+00	0.00E+00	7.89E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.59E-03	6.21E-01	0.00E+00	7.01E-11	2.63E-09	3.94E-04	1.15E-06	8.43E-04	0.00E+00	6.21E-01	1.74E-09	6.21E-01	6.21E-01	8.43E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NBN232A	3.94E-04	4.49E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.04E-02	1.85E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.74E-13	1.60E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.62E-03	6.18E-01	0.00E+00	6.65E-11	2.47E-09	3.80E-04	1.18E-06	8.95E-04	0.00E+00	6.18E-01	1.97E-09	6.18E-01	6.15E-01	8.95E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN232N	2.43E-03	4.47E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.29E-02	1.68E-08	5.07E-04	5.45E-03	0.00E+00	0.00E+00	6.76E-13	1.32E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.20E-03	5.59E-01	0.00E+00	6.68E-11	1.16E-08	1.39E-03	8.38E-07	6.15E-04	0.00E+00	5.59E-01	1.84E-09	5.59E-01	5.33E-01	6.15E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NBN240	4.79E-04	3.98E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.76E-02	1.33E-08	1.59E-04	1.83E-03	0.00E+00	0.00E+00	6.41E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.15E-01	0.00E+00	6.35E-11	3.00E-09	4.37E-04	7.40E-07	5.54E-04	0.00E+00	5.15E-01	1.31E-09	5.15E-01	5.03E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NBN240A	4.31E-04	3.97E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.75E-02	1.33E-08	1.57E-04	1.81E-03	0.00E+00	0.00E+00	6.46E-13	1.21E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.15E-01	0.00E+00	6.35E-11	2.84E-09	4.29E-04	7.40E-07	5.53E-04	0.00E+00	5.15E-01	1.34E-09	5.15E-01	5.03E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NBN240N	2.44E-03	4.49E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.27E-02	1.69E-08	5.13E-04	5.52E-03	0.00E+00	0.00E+00	6.74E-13	1.32E-11	8.24E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.19E-03	5.54E-01	0.00E+00	6.56E-11	1.18E-08	1.42E-03	8.28E-07	6.15E-04	0.00E+00	5.54E-01	1.84E-09	5.54E-01	5.30E-01	6.15E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NBN250	4.49E-04	4.06E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.81E-02	1.35E-08	1.56E-04	1.79E-03	0.00E+00	0.00E+00	6.48E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.06E-03	5.18E-01	0.00E+00	6.43E-11	2.91E-09	4.26E-04	7.41E-07	5.60E-04	0.00E+00	5.18E-01	1.32E-09	5.18E-01	5.07E-01	5.60E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NBN250A	4.21E-04	3.99E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.77E-02	1.34E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.46E-13	1.21E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.13E-01	0.00E+00	6.37E-11	2.82E-09	4.17E-04	7.41E-07	5.58E-04	0.00E+00	5.13E-01	1.34E-09	5.13E-01	5.02E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NBN250N	2.32E-03	4.47E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.21E-02	1.73E-08	4.98E-04	5.45E-03	0.00E+00	0.00E+00	6.77E-13	1.33E-11	8.29E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.20E-03	5.54E-01	0.00E+00	6.53E-11	1.11E-08	1.38E-03	8.40E-07	6.25E-04	0.00E+00	5.54E-01	1.91E-09	5.54E-01	5.29E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NBN263	4.79E-04	4.05E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.80E-02	1.34E-08	1.57E-04	1.81E-03	0.00E+00	0.00E+00	6.64E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.40E-11	3.01E-09	4.36E-04	7.46E-07	5.68E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.06E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN263A	4.26E-04	4.04E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.71E-13	1.23E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.40E-11	2.84E-09	4.22E-04	7.46E-07	5.67E-04	0.00E+00	5.20E-01	1.36E-09	5.20E-01	5.06E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN263N	2.32E-03	4.51E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.21E-02	1.75E-08	5.00E-04	5.46E-03	0.00E+00	0.00E+00	6.78E-13	1.33E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.22E-03	5.56E-01	0.00E+00	6.54E-11	1.12E-08	1.38E-03	8.39E-07	6.29E-04	0.00E+00	5.56E-01	1.91E-09	5.56E-01	5.30E-01	6.29E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN263R	4.47E-04	4.06E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.80E-02	1.34E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.65E-13	1.24E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.19E-01	0.00E+00	6.40E-11	2.89E-09	4.21E-04	7.46E-07	5.70E-04	0.00E+00	5.19E-01	1.32E-09	5.19E-01	5.07E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN306	3.82E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.99E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.05E-12	2.00E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.12E-03	8.25E-01	0.00E+00	9.31E-11	3.14E-09	5.06E-04	1.48E-06	1.10E-03	0.00E+00	8.25E-01	2.06E-09	8.25E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NBN306A	3.76E-04	5.94E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.95E-02	2.10E-08	1.79E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.12E-03	8.25E-01	0.00E+00	9.34E-11	3.09E-09	5.03E-04	1.50E-06	1.11E-03	0.00E+00	8.25E-01	2.21E-09	8.25E-01	8.36E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NBN306N	3.05E-03	7.98E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	4.91E-02	2.95E-08	6.97E-04	7.82E-03	0.00E+00	0.00E+00	1.37E-12	2.69E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-06	2.04E-03	1.10E+00	0.00E+00	9.69E-11	1.55E-08	2.00E-03	1.52E-06	1.09E-03	0.00E+00	1.10E+00	2.88E-09	1.10E+00	1.10E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
NBN310	3.81E-04	6.05E-02	0.00E+00	6.10E-02	0.00E+00	0.00E+00	4.05E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.09E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-06	2.20E-03	8.57E-01	0.00E+00	9.74E-11	3.07E-09	4.98E-04	1.53E-06	1.16E-03	0.00E+00	8.57E-01	2.43E-09	8.57E-01	8.57E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NBN310A	3.71E-04	6.19E-02	0.00E+00	6.10E-02	0.00E+00	0.00E+00	4.06E-02	2.33E-08	1.77E-04	1.95E-03	0.00E+00	0.00E+00	1.07E-12	2.21E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.20E-03	8.70E-01	0.00E+00	9.45E-11	3.02E-09	4.90E-04	1.55E-06	1.16E-03	0.00E+00	8.70E-01	2.42E-09	8.70E-01	8.68E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
NBN310N	3.29E-03	9.35E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	4.92E-02	2.90E-08	7.49E-04	8.49E-03	0.00E+00	0.00E+00	1.39E-12	2.71E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.05E-03	1.11E+00	0.00E+00	9.71E-11	1.66E-08	2.14E-03	1.51E-06	1.10E-03	0.00E+00	1.11E+00	2.89E-09	1.11E+00	1.10E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NBN313	3.82E-04	6.05E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.03E-02	2.27E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.58E-06	2.20E-03	8.57E-01	0.00E+00	9.75E-11	3.08E-09	4.99E-04	1.53E-06	1.16E-03	0.00E+00	8.57E-01	2.42E-09	8.57E-01	8.57E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NBN316	3.73E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NBN316A	3.97E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NBN316N	3.30E-03	9.37E-02	0.00E+00	8.99E-02	0.00E+00	0.00E+00	4.94E-02	2.87E-08	7.55E-04	8.51E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.05E-03	1.11E+00	0.00E+00	9.72E-11	1.67E-08	2.16E-03	1.52E-06	1.10E-03	0.00E+00	1.11E+00	2.90E-09	1.11E+00	1.10E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NBN320	3.88E-04	6.14E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	4.03E-02	2.31E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.08E-12	2.10E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.19E-03	8.68E-01	0.00E+00	9.75E-11	3.14E-09	5.08E-04	1.54E-06	1.16E-03	0.00E+00	8.68E-01	2.44E-09	8.68E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
NBN320A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NBN320N	3.34E-03	9.46E-02	0.00E+00	9.07E-02	0.00E+00	0.00E+00	5.04E-02	2.96E-08	7.60E-04	8.55E-03	0.00E+00	0.00E+00	1.40E-12	2.74E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.05E-03	1.11E+00	0.00E+00	1.00E-10	1.70E-08	2.18E-03	1.53E-06	1.10E-03	0.00E+00	1.11E+00	2.92E-09	1.11E+00	1.11E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
NBN325	3.94E-04	6.23E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	4.08E-02	2.33E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.09E-12	2.12E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.76E-01	0.00E+00	9.84E-11	3.17E-09	5.08E-04	1.56E-06	1.18E-03	0.00E+00	8.76E-01	2.45E-09	8.76E-01	8.77E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
NBN325A	3.91E-04	6.20E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	4.09E-02	2.32E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.09E-12	2.11E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.20E-03	8.71E-01	0.00E+00	9.70E-11	3.17E-09	5.08E-04	1.57E-06	1.17E-03	0.00E+00	8.71E-01	2.45E-09	8.71E-01	8.69E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NBN325N	3.87E-03	1.07E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.56E-02	3.14E-08	8.81E-04	9.80E-03	0.00E+00	0.00E+00	1.47E-12	3.20E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	2.59E-03	1.21E+00	0.00E+00	1.22E-10	1.97E-08	2.50E-03	1.86E-06	1.39E-03	0.00E+00	1.21E+00	3.09E-09	1.21E+00	1.21E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
NBN332	4.14E-04	6.41E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.22E-02	2.07E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.12E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.30E-03	8.98E-01	0.00E+00	1.01E-10	3.39E-09	5.37E-04	1.60E-06	1.18E-03	0.00E+00	8.98E-01	2.16E-09	8.98E-01	9.02E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NBN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NBN332N	3.94E-03	1.07E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.64E-02	3.26E-08	9.13E-04	1.01E-02	0.00E+00	0.00E+00	1.40E-12	3.21E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	2.67E-03	1.24E+00	0.00E+00	1.26E-10	2.05E-08	2.58E-03	1.95E-06	1.42E-03	0.00E+00	1.24E+00	3.14E-09	1.24E+00	1.26E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NBN340	4.11E-04	6.39E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.22E-02	2.26E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.29E-03	8.84E-01	0.00E+00	1.01E-10	3.38E-09	5.41E-04	1.60E-06	1.19E-03	0.00E+00	8.84E-01	2.38E-09	8.84E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NBN340A	4.11E-04	6.35E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.06E-08	1.91E-04	2.09E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.28E-03	8.84E-01	0.00E+00	9.90E-11	3.35E-09	5.37E-04	1.59E-06	1.18E-03	0.00E+00	8.84E-01	2.14E-09	8.84E-01	8.92E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NBN340N	3.92E-03	1.07E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.65E-02	3.27E-08	9.14E-04	1.01E-02	0.00E+00	0.00E+00	1.40E-12	3.24E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-06	2.67E-03	1.26E+00	0.00E+00	1.26E-10	2.04E-08	2.57E-03	1.95E-06	1.43E-03	0.00E+00	1.26E+00	3.15E-09	1.26E+00	1.27E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NBN350	4.15E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.94E-08	1.93E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.29E-03	8.98E-01	0.00E+00	1.01E-10	3.38E-09	5.41E-04	1.61E-06	1.18E-03	0.00E+00	8.98E-01	2.10E-09	8.98E-01	9.02E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NBN350A	4.34E-04	6.41E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.91E-08	1.91E-04	2.11E-03	0.00E+00	0.00E+00	1.15E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.35E-09	5.35E-04	1.56E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NBN350N	3.90E-03	1.06E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.69E-02	3.33E-08	8.94E-04	9.97E-03	0.00E+00	0.00E+00	1.38E-12	3.23E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-06	2.68E-03	1.27E+00	0.00E+00	1.25E-10	2.02E-08	2.49E-03	1.95E-06	1.43E-03	0.00E+00	1.27E+00	3.22E-09	1.27E+00	1.28E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NBN363	4.16E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	2.07E-08	1.93E-04	2.11E-03	0.00E+00	0.00E+00	1.15E-12	2.12E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.31E-03	8.98E-01	0.00E+00	1.01E-10	3.41E-09	5.42E-04	1.62E-06	1.19E-03	0.00E+00	8.98E-01	2.17E-09	8.98E-01	9.03E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NBN363A	4.25E-04	6.70E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	4.39E-02	2.52E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.35E-03	9.35E-01	0.00E+00	1.03E-10	3.45E-09	5.51E-04	1.68E-06	1.25E-03	0.00E+00	9.35E-01	2.64E-09	9.35E-01	9.37E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NBN363N	3.91E-03	1.07E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.69E-02	3.34E-08	9.02E-04	1.00E-02	0.00E+00	0.00E+00	1.39E-12	3.24E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	2.68E-03	1.27E+00	0.00E+00	1.25E-10	2.03E-08	2.51E-03	1.95E-06	1.44E-03	0.00E+00	1.27E+00	3.22E-09	1.27E+00	1.28E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
NBN406	5.04E-04	7.34E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.81E-02	2.60E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.56E-04	1.73E-06	1.27E-03	0.00E+00	9.34E-01	2.76E-09	9.34E-01	9.45E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NBN406A	5.05E-04	7.32E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.81E-02	2.21E-08	2.33E-04	2.55E-03	0.00E+00	0.00E+00	1.31E-12	2.44E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-06	2.43E-03	9.35E-01	0.00E+00	1.12E-10	4.15E-09	6.42E-04	1.72E-06	1.25E-03	0.00E+00	9.35E-01	2.29E-09	9.35E-01	9.46E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
NBN406N	3.83E-03	9.55E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	7.18E-02	3.37E-08	8.70E-04	9.62E-03	0.00E+00	0.00E+00	1.57E-12	3.38E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	2.76E-03	1.37E+00	0.00E+00	1.33E-10	1.95E-08	2.46E-03	2.02E-06	1.48E-03	0.00E+00	1.37E+00	3.20E-09	1.37E+00	1.36E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
NBN410	5.02E-04	7.64E-02	0.00E+00	7.67E-02	0.00E+00	0.00E+00	5.00E-02	2.97E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.62E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-06	2.70E-03	1.05E+00	0.00E+00	1.23E-10	4.16E-09	6.48E-04	1.94E-06	1.45E-03	0.00E+00	1.05E+00	3.08E-09	1.05E+00	1.06E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NBN410A	5.16E-04	7.96E-02	0.00E+00	8.01E-02	0.00E+00	0.00E+00	5.34E-02	3.06E-08	2.46E-04	2.79E-03	0.00E+00	0.00E+00	1.40E-12	2.89E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-06	3.27E-03	1.19E+00	0.00E+00	1.23E-10	4.29E-09	6.84E-04	2.39E-06	1.84E-03	0.00E+00	1.19E+00	3.42E-09	1.19E+00	1.18E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN410N	3.85E-03	1.11E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.18E-02	3.29E-08	8.92E-04	9.98E-03	0.00E+00	0.00E+00	1.58E-12	3.42E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	2.78E-03	1.37E+00	0.00E+00	1.34E-10	1.98E-08	2.51E-03	1.99E-06	1.47E-03	0.00E+00	1.37E+00	3.20E-09	1.37E+00	1.36E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NBN413	5.06E-04	7.76E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.06E-02	3.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.66E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-06	2.76E-03	1.08E+00	0.00E+00	1.23E-10	4.11E-09	6.56E-04	1.98E-06	1.47E-03	0.00E+00	1.08E+00	3.18E-09	1.08E+00	1.08E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NBN416	5.06E-04	7.76E-02	0.00E+00	7.76E-02	0.00E+00	0.00E+00	5.06E-02	3.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.71E-03	1.06E+00	0.00E+00	1.23E-10	4.10E-09	6.55E-04	1.92E-06	1.44E-03	0.00E+00	1.06E+00	3.16E-09	1.06E+00	1.07E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NBN416A	5.08E-04	7.72E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.07E-02	3.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-06	2.71E-03	1.06E+00	0.00E+00	1.20E-10	4.11E-09	6.57E-04	1.92E-06	1.44E-03	0.00E+00	1.06E+00	3.15E-09	1.06E+00	1.07E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NBN416N	3.89E-03	1.12E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.18E-02	3.29E-08	9.03E-04	9.99E-03	0.00E+00	0.00E+00	1.58E-12	3.43E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-06	2.78E-03	1.38E+00	0.00E+00	1.34E-10	2.00E-08	2.55E-03	2.00E-06	1.48E-03	0.00E+00	1.38E+00	3.20E-09	1.38E+00	1.36E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NBN420	5.10E-04	7.98E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.14E-02	3.04E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.39E-12	2.74E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.80E-03	1.11E+00	0.00E+00	1.24E-10	4.13E-09	6.63E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.19E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
NBN420A	5.11E-04	7.94E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	5.15E-02	3.03E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.38E-12	2.74E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.14E-09	6.64E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.18E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
NBN420N	3.92E-03	1.13E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.28E-02	3.30E-08	9.10E-04	1.01E-02	0.00E+00	0.00E+00	1.59E-12	3.45E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	2.80E-03	1.39E+00	0.00E+00	1.39E-10	2.03E-08	2.57E-03	2.02E-06	1.49E-03	0.00E+00	1.39E+00	3.21E-09	1.39E+00	1.37E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
NBN425	5.11E-04	7.98E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.25E-02	3.04E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.72E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.84E-03	1.12E+00	0.00E+00	1.28E-10	4.16E-09	6.64E-04	2.03E-06	1.51E-03	0.00E+00	1.12E+00	3.20E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NBN425A	5.12E-04	7.95E-02	0.00E+00	7.98E-02	0.00E+00	0.00E+00	5.25E-02	3.04E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	1.44E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.83E-03	1.12E+00	0.00E+00	1.25E-10	4.17E-09	6.65E-04	2.02E-06	1.51E-03	0.00E+00	1.12E+00	3.19E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
NBN425N	3.98E-03	1.17E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.28E-02	3.29E-08	9.22E-04	1.02E-02	0.00E+00	0.00E+00	1.65E-12	3.50E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	2.83E-03	1.40E+00	0.00E+00	1.41E-10	2.06E-08	2.59E-03	2.03E-06	1.50E-03	0.00E+00	1.40E+00	3.22E-09	1.40E+00	1.38E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
NBN432	5.28E-04	7.75E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	5.06E-02	2.69E-08	2.49E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-06	2.49E-03	9.69E-01	0.00E+00	1.18E-10	4.31E-09	6.84E-04	1.76E-06	1.29E-03	0.00E+00	9.69E-01	2.82E-09	9.69E-01	9.75E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NBN432A	5.31E-04	7.79E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.07E-02	2.25E-08	2.41E-04	2.62E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-06	2.49E-03	9.71E-01	0.00E+00	1.16E-10	4.26E-09	6.68E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.33E-09	9.71E-01	9.77E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NBN432N	4.06E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.38E-02	3.41E-08	9.51E-04	1.05E-02	0.00E+00	0.00E+00	1.64E-12	3.54E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	2.87E-03	1.42E+00	0.00E+00	1.44E-10	2.14E-08	2.68E-03	2.10E-06	1.53E-03	0.00E+00	1.42E+00	3.23E-09	1.42E+00	1.41E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
NBN440	5.31E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.07E-02	2.70E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.70E-01	0.00E+00	1.18E-10	4.32E-09	6.85E-04	1.77E-06	1.29E-03	0.00E+00	9.70E-01	2.85E-09	9.70E-01	9.76E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NBN440A	5.32E-04	7.77E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.70E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.49E-03	9.70E-01	0.00E+00	1.17E-10	4.33E-09	6.86E-04	1.77E-06	1.29E-03	0.00E+00	9.70E-01	2.85E-09	9.70E-01	9.76E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
NBN440N	4.05E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.41E-02	3.43E-08	9.44E-04	1.05E-02	0.00E+00	0.00E+00	1.65E-12	3.56E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-06	2.88E-03	1.43E+00	0.00E+00	1.44E-10	2.12E-08	2.67E-03	2.11E-06	1.54E-03	0.00E+00	1.43E+00	3.23E-09	1.43E+00	1.42E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-04

NBN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.09E-02	2.54E-08	2.51E-04	2.74E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.50E-03	9.71E-01	0.00E+00	1.19E-10	4.37E-09	6.95E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.68E-09	9.71E-01	9.77E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
NBN450A	5.34E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.09E-02	2.55E-08	2.51E-04	2.74E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.50E-03	9.71E-01	0.00E+00	1.18E-10	4.37E-09	6.96E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.68E-09	9.71E-01	9.77E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NBN450N	4.03E-03	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.44E-02	3.49E-08	9.30E-04	1.04E-02	0.00E+00	0.00E+00	1.62E-12	3.57E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-06	2.88E-03	1.44E+00	0.00E+00	1.44E-10	2.11E-08	2.60E-03	2.13E-06	1.55E-03	0.00E+00	1.44E+00	3.30E-09	1.44E+00	1.42E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NBN463	5.29E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.09E-02	2.55E-08	2.50E-04	2.73E-03	0.00E+00	0.00E+00	1.38E-12	2.60E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-06	2.50E-03	9.71E-01	0.00E+00	1.19E-10	4.33E-09	6.88E-04	1.77E-06	1.29E-03	0.00E+00	9.71E-01	2.68E-09	9.71E-01	9.77E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
NBN463A	5.29E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.26E-08	2.41E-04	2.63E-03	0.00E+00	0.00E+00	1.37E-12	2.57E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.50E-03	9.71E-01	0.00E+00	1.16E-10	4.25E-09	6.66E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.34E-09	9.71E-01	9.78E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NBN463N	4.05E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.44E-02	3.49E-08	9.39E-04	1.05E-02	0.00E+00	0.00E+00	1.62E-12	3.58E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-06	2.88E-03	1.44E+00	0.00E+00	1.44E-10	2.12E-08	2.62E-03	2.12E-06	1.55E-03	0.00E+00	1.44E+00	3.30E-09	1.44E+00	1.42E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NBN506	4.52E-04	3.65E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.70E-02	1.28E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.12E-13	1.16E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.04E-03	4.94E-01	0.00E+00	6.04E-11	3.03E-09	4.50E-04	7.37E-07	5.49E-04	0.00E+00	4.94E-01	1.24E-09	4.94E-01	4.81E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NBN510	3.80E-04	3.87E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.96E-02	1.56E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.44E-03	5.67E-01	0.00E+00	6.63E-11	2.65E-09	4.16E-04	1.03E-06	7.51E-04	0.00E+00	5.67E-01	1.64E-09	5.67E-01	5.66E-01	7.51E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NBN513	3.81E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.95E-02	1.59E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.45E-03	5.67E-01	0.00E+00	6.65E-11	2.65E-09	4.16E-04	1.04E-06	7.59E-04	0.00E+00	5.67E-01	1.67E-09	5.67E-01	5.67E-01	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN516	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NBN520	3.88E-04	4.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	3.01E-02	1.58E-08	1.55E-04	1.67E-03	0.00E+00	0.00E+00	7.31E-13	1.42E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.48E-03	5.83E-01	0.00E+00	6.68E-11	2.73E-09	4.22E-04	1.07E-06	7.73E-04	0.00E+00	5.83E-01	1.64E-09	5.83E-01	5.85E-01	7.73E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NBN525	3.86E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.35E-13	1.42E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.50E-03	5.88E-01	0.00E+00	6.79E-11	2.70E-09	4.22E-04	1.07E-06	7.88E-04	0.00E+00	5.88E-01	1.72E-09	5.88E-01	5.90E-01	7.88E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NBN532	4.42E-04	3.99E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.84E-02	1.34E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.44E-13	1.21E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.05E-03	5.18E-01	0.00E+00	6.38E-11	3.01E-09	4.49E-04	7.40E-07	5.55E-04	0.00E+00	5.18E-01	1.31E-09	5.18E-01	5.06E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN540	4.64E-04	3.99E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.83E-02	1.34E-08	1.69E-04	1.90E-03	0.00E+00	0.00E+00	6.39E-13	1.21E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.16E-01	0.00E+00	6.34E-11	3.11E-09	4.63E-04	7.41E-07	5.54E-04	0.00E+00	5.16E-01	1.31E-09	5.16E-01	5.05E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NBN550	4.44E-04	4.05E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.66E-13	1.23E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.22E-01	0.00E+00	6.39E-11	3.03E-09	4.53E-04	7.46E-07	5.62E-04	0.00E+00	5.22E-01	1.31E-09	5.22E-01	5.08E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN563	4.41E-04	4.05E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.63E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.39E-11	3.01E-09	4.47E-04	7.45E-07	5.69E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.08E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NBN606	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NBN610	4.98E-04	7.85E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.15E-02	2.95E-08	2.33E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.67E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.46E-04	1.97E-06	1.46E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
NBN613	5.06E-04	7.68E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.07E-02	2.97E-08	2.39E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.62E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-06	2.65E-03	1.04E+00	0.00E+00	1.22E-10	4.08E-09	6.53E-04	1.90E-06	1.42E-03	0.00E+00	1.04E+00	3.05E-09	1.04E+00	1.05E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NBN616	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NBN620	5.25E-04	8.27E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.43E-02	3.11E-08	2.46E-04	2.70E-03	0.00E+00	0.00E+00	1.46E-12	2.82E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.91E-03	1.16E+00	0.00E+00	1.27E-10	4.27E-09	6.80E-04	2.07E-06	1.54E-03	0.00E+00	1.16E+00	3.26E-09	1.16E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
NBN625	5.16E-04	8.13E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.19E-09	6.69E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.20E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NBN632	5.32E-04	8.39E-02	0.00E+00	8.39E-02	0.00E+00	0.00E+00	5.50E-02	3.15E-08	2.49E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.90E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NBN640	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NBN650	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NBN663	5.65E-04	8.92E-02	0.00E+00	8.92E-02	0.00E+00	0.00E+00	5.85E-02	3.35E-08	2.65E-04	2.91E-03	0.00E+00	0.00E+00	1.57E-12	3.04E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.25E+00	0.00E+00	1.37E-10	4.60E-09	7.33E-04	2.23E-06	1.66E-03	0.00E+00	1.25E+00	3.52E-09	1.25E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
NC101A	9.46E-04	2.63E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.70E-02	8.89E-09	2.10E-04	2.29E-03	0.00E+00	0.00E+00	3.97E-13	8.24E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	7.50E-04	3.29E-01	0.00E+00	3.54E-11	4.90E-09	5.80E-04	5.38E-07	3.98E-04	0.00E+00	3.29E-01	9.25E-10	3.29E-01	3.30E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	9.18E-05
NC101E	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.45E-02	8.27E-09	6.51E-05	7.15E-04	0.00E+00	0.00E+00	3.87E-13	7.48E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.70E-04	3.06E-01	0.00E+00	3.38E-11	1.13E-09	1.80E-04	5.47E-07	4.08E-04	0.00E+00	3.06E-01	8.68E-10	3.06E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
NC103A	9.45E-04	2.59E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.71E-02	8.74E-09	2.10E-04	2.28E-03	0.00E+00	0.00E+00	3.93E-13	8.26E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	7.40E-04	3.29E-01	0.00E+00	3.54E-11	4.92E-09	5.77E-04	5.29E-07	3.92E-04	0.00E+00	3.29E-01	9.11E-10	3.29E-01	3.31E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	9.19E-05
NC104E	1.39E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.25E-09	6.52E-05	7.15E-04	0.00E+00	0.00E+00	3.87E-13	7.47E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.70E-04	3.06E-01	0.00E+00	3.37E-11	1.13E-09	1.80E-04	5.47E-07	4.09E-04	0.00E+00	3.06E-01	8.65E-10	3.06E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05
NC106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.71E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.54E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.58E-10	2.68E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NC110A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.32E-09	5.79E-05	6.35E-04	0.00E+00	0.00E+00	3.43E-13	6.63E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.85E-04	2.72E-01	0.00E+00	2.99E-11	1.00E-09	1.60E-04	4.88E-07	3.63E-04	0.00E+00	2.72E-01	7.68E-10	2.72E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05
NC110E	9.45E-05	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	2.56E-02	1.68E-08	4.14E-05	4.94E-04	0.00E+00	0.00E+00	3.42E-13	6.63E-12	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	7.08E-04	2.73E-01	0.00E+00	4.14E-11	8.01E-10	1.18E-04	5.16E-07	3.93E-04	0.00E+00	2.73E-01	1.53E-09	2.73E-01	2.73E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
NC110P	1.34E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.08E-02	1.19E-08	3.21E-04	3.43E-03	0.00E+00	0.00E+00	5.15E-13	1.13E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.09E-03	4.54E-01	0.00E+00	4.52E-11	7.00E-09	8.74E-04	7.55E-07	5.68E-04	0.00E+00	4.54E-01	1.24E-09	4.54E-01	4.52E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
NC113A	1.27E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.45E-02	9.37E-09	5.89E-05	6.47E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	7.13E-04	2.78E-01	0.00E+00	3.71E-11	1.03E-09	1.63E-04	5.05E-07	3.80E-04	0.00E+00	2.78E-01	9.58E-10	2.78E-01	2.78E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
NC116A	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NC116P	1.33E-03	3.53E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.08E-02	1.18E-08	3.24E-04	3.43E-03	0.00E+00	0.00E+00	5.16E-13	1.13E-11	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.54E-01	0.00E+00	4.52E-11	7.04E-09	8.83E-04	7.56E-07	5.69E-04	0.00E+00	4.54E-01	1.24E-09	4.54E-01	4.53E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
NC120A	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NC120P	1.32E-03	3.52E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.11E-02	1.18E-08	3.22E-04	3.42E-03	0.00E+00	0.00E+00	5.15E-13	1.14E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.09E-03	4.53E-01	0.00E+00	4.58E-11	7.02E-09	8.83E-04	7.55E-07	5.67E-04	0.00E+00	4.53E-01	1.24E-09	4.53E-01	4.51E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
NC125A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.05E-05	6.64E-04	0.00E+00	0.00E+00	3.58E-13	6.93E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
NC125P	1.32E-03	3.61E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.17E-02	1.21E-08	3.20E-04	3.42E-03	0.00E+00	0.00E+00	5.33E-13	1.18E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.11E-03	4.55E-01	0.00E+00	4.70E-11	7.02E-09	8.82E-04	7.64E-07	5.78E-04	0.00E+00	4.55E-01	1.29E-09	4.55E-01	4.54E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
NC132A	1.43E-03	2.74E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.76E-02	9.35E-09	3.10E-04	3.43E-03	0.00E+00	0.00E+00	4.05E-13	8.38E-12	5.54E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	7.66E-04	3.40E-01	0.00E+00	3.93E-11	7.14E-09	8.77E-04	5.46E-07	4.10E-04	0.00E+00	3.40E-01	9.42E-10	3.40E-01	3.45E-01	4.10E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05
NC132P	1.33E-03	3.64E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.18E-02	1.23E-08	3.18E-04	3.45E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.50E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.11E-03	4.60E-01	0.00E+00	4.77E-11	6.95E-09	8.79E-04	7.67E-07	5.84E-04	0.00E+00	4.60E-01	1.29E-09	4.60E-01	4.59E-01	5.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NC140A	1.31E-03	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.19E-02	1.23E-08	3.14E-04	3.41E-03	0.00E+00	0.00E+00	5.36E-13	1.20E-11	7.49E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	1.12E-03	4.58E-01	0.00E+00	4.76E-11	6.85E-09	8.63E-04	7.70E-07	5.85E-04	0.00E+00	4.58E-01	1.28E-09	4.58E-01	4.59E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NC140P	1.32E-03	3.62E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.14E-02	1.21E-08	3.21E-04	3.42E-03	0.00E+00	0.00E+00	5.33E-13	1.19E-11	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.10E-03	4.53E-01	0.00E+00	4.76E-11	6.91E-09	8.83E-04	7.60E-07	5.82E-04	0.00E+00	4.53E-01	1.27E-09	4.53E-01	4.55E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
NC150A	1.39E-03	2.82E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.79E-02	9.71E-09	3.10E-04	3.44E-03	0.00E+00	0.00E+00	4.31E-13	8.76E-12	5.86E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	8.35E-04	3.50E-01	0.00E+00	4.09E-11	7.20E-09	8.84E-04	5.97E-07	4.46E-04	0.00E+00	3.50E-01	9.92E-10	3.50E-01	3.56E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
NC150P	1.35E-03	3.79E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.23E-04	3.53E-03	0.00E+00	0.00E+00	5.44E-13	1.24E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.14E-03	4.78E-01	0.00E+00	4.82E-11	7.18E-09	9.04E-04	7.94E-07	6.09E-04	0.00E+00	4.78E-01	1.26E-09	4.78E-01	4.77E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NC163A	1.41E-03	2.82E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.78E-02	9.71E-09	3.08E-04	3.41E-03	0.00E+00	0.00E+00	4.31E-13	8.76E-12	5.88E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	8.35E-04	3.50E-01	0.00E+00	4.09E-11	7.32E-09	8.81E-04	5.96E-07	4.45E-04	0.00E+00	3.50E-01	9.93E-10	3.50E-01	3.56E-01	4.45E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
NC200A	1.79E-03	4.83E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	3.34E-02	1.94E-08	3.59E-04	3.93E-03	0.00E+00	0.00E+00	7.98E-13	1.73E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.64E-03	6.35E-01	0.00E+00	7.43E-11	8.51E-09	1.06E-03	1.20E-06	8.66E-04	0.00E+00	6.35E-01	2.07E-09	6.35E-01	6.33E-01	8.66E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NC201A	1.77E-03	4.71E-02	0.00E+00	4.82E-02	0.00E+00	0.00E+00	3.31E-02	1.80E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	8.25E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.63E-03	6.41E-01	0.00E+00	7.44E-11	8.36E-09	1.04E-03	1.19E-06	8.58E-04	0.00E+00	6.41E-01	1.90E-09	6.41E-01	6.39E-01	8.58E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
NC202A	1.78E-03	4.70E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.30E-02	1.81E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	8.24E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.63E-03	6.40E-01	0.00E+00	7.44E-11	8.36E-09	1.04E-03	1.19E-06	8.57E-04	0.00E+00	6.40E-01	1.91E-09	6.40E-01	6.39E-01	8.57E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
NC202E	3.54E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.57E-02	1.31E-08	1.39E-04	1.58E-03	0.00E+00	0.00E+00	6.37E-13	1.22E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	1.06E-03	5.14E-01	0.00E+00	6.26E-11	2.51E-09	3.71E-04	7.39E-07	5.54E-04	0.00E+00	5.14E-01	1.27E-09	5.14E-01	5.00E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NC203A	1.77E-03	4.68E-02	0.00E+00	4.80E-02	0.00E+00	0.00E+00	3.30E-02	1.80E-08	3.53E-04	3.89E-03	0.00E+00	0.00E+00	7.98E-13	1.61E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.60E-03	6.36E-01	0.00E+00	7.40E-11	8.36E-09	1.04E-03	1.16E-06	8.39E-04	0.00E+00	6.36E-01	1.91E-09	6.36E-01	6.34E-01	8.39E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NC204A	1.78E-03	4.70E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.32E-02	1.80E-08	3.53E-04	3.87E-03	0.00E+00	0.00E+00	8.25E-13	1.62E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.63E-03	6.41E-01	0.00E+00	7.44E-11	8.36E-09	1.04E-03	1.18E-06	8.54E-04	0.00E+00	6.41E-01	1.91E-09	6.41E-01	6.39E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
NC204E	2.74E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.77E-02	1.58E-08	1.32E-04	1.43E-03	0.00E+00	0.00E+00	6.73E-13	1.31E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.35E-03	5.18E-01	0.00E+00	6.35E-11	2.21E-09	3.53E-04	9.46E-07	7.23E-04	0.00E+00	5.18E-01	1.65E-09	5.18E-01	5.03E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NC206A	2.34E-03	4.90E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.44E-02	1.90E-08	5.28E-04	5.44E-03	0.00E+00	0.00E+00	8.32E-13	1.69E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.68E-03	6.42E-01	0.00E+00	7.42E-11	1.20E-08	1.44E-03	1.21E-06	8.68E-04	0.00E+00	6.42E-01	2.05E-09	6.42E-01	6.42E-01	8.68E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NC206P	2.42E-03	6.13E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	3.81E-02	2.28E-08	5.57E-04	5.87E-03	0.00E+00	0.00E+00	1.00E-12	2.04E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-06	1.91E-03	6.91E-01	0.00E+00	8.23E-11	1.20E-08	1.54E-03	1.38E-06	1.03E-03	0.00E+00	6.91E-01	2.37E-09	6.91E-01	6.84E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
NC210A	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.59E-02	1.48E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	6.94E-13	1.34E-11	9.62E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.39E-03	5.51E-01	0.00E+00	6.05E-11	2.03E-09	3.24E-04	9.87E-07	7.35E-04	0.00E+00	5.51E-01	1.55E-09	5.51E-01	5.52E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
NC210P	2.18E-03	5.90E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.66E-02	2.13E-08	5.20E-04	5.48E-03	0.00E+00	0.00E+00	9.17E-13	1.98E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.88E-03	6.66E-01	0.00E+00	7.93E-11	1.08E-08	1.38E-03	1.35E-06	1.02E-03	0.00E+00	6.66E-01	2.24E-09	6.66E-01	6.63E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
NC213A	2.54E-04	4.01E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.63E-02	1.50E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.60E-01	0.00E+00	6.15E-11	2.07E-09	3.29E-04	1.00E-06	7.47E-04	0.00E+00	5.60E-01	1.58E-09	5.60E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NC216A	2.49E-04	3.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.92E-13	1.34E-11	9.59E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	1.38E-03	5.49E-01	0.00E+00	6.03E-11	2.03E-09	3.23E-04	9.84E-07	7.33E-04	0.00E+00	5.49E-01	1.55E-09	5.49E-01	5.50E-01	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NC216P	2.23E-03	5.93E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.65E-02	2.14E-08	5.29E-04	5.51E-03	0.00E+00	0.00E+00	9.19E-13	1.98E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.89E-03	6.66E-01	0.00E+00	7.93E-11	1.11E-08	1.42E-03	1.37E-06	1.03E-03	0.00E+00	6.66E-01	2.24E-09	6.66E-01	6.65E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
NC220A	2.01E-03	4.23E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	3.19E-02	1.60E-08	4.59E-04	4.80E-03	0.00E+00	0.00E+00	7.54E-13	1.44E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.47E-03	5.80E-01	0.00E+00	6.51E-11	1.01E-08	1.26E-03	1.06E-06	7.77E-04	0.00E+00	5.80E-01	1.68E-09	5.80E-01	5.77E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NC220P	2.20E-03	5.93E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	3.78E-02	2.19E-08	5.22E-04	5.53E-03	0.00E+00	0.00E+00	9.28E-13	1.99E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-06	1.90E-03	6.67E-01	0.00E+00	7.99E-11	1.11E-08	1.41E-03	1.36E-06	1.04E-03	0.00E+00	6.67E-01	2.26E-09	6.67E-01	6.65E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
NC225A	2.57E-04	4.15E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.99E-02	2.38E-08	1.25E-04	1.39E-03	0.00E+00	0.00E+00	7.14E-13	1.64E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-06	1.78E-03	5.69E-01	0.00E+00	7.31E-11	2.24E-09	3.59E-04	1.51E-06	1.13E-03	0.00E+00	5.69E-01	2.47E-09	5.69E-01	5.73E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-04
NC225P	2.53E-03	6.33E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.04E-02	2.35E-08	5.82E-04	6.06E-03	0.00E+00	0.00E+00	1.03E-12	2.09E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.97E-03	7.30E-01	0.00E+00	8.46E-11	1.27E-08	1.61E-03	1.40E-06	1.07E-03	0.00E+00	7.30E-01	2.40E-09	7.30E-01	7.24E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
NC232A	2.77E-04	4.45E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	3.01E-02	2.48E-08	1.33E-04	1.49E-03	0.00E+00	0.00E+00	7.74E-13	1.75E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.86E-03	6.16E-01	0.00E+00	7.59E-11	2.35E-09	3.77E-04	1.54E-06	1.18E-03	0.00E+00	6.16E-01	2.60E-09	6.16E-01	6.19E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04
NC232E	2.77E-04	4.46E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	3.01E-02	2.49E-08	1.34E-04	1.50E-03	0.00E+00	0.00E+00	7.76E-13	1.75E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.87E-03	6.18E-01	0.00E+00	7.66E-11	2.36E-09	3.83E-04	1.54E-06	1.18E-03	0.00E+00	6.18E-01	2.62E-09	6.18E-01	6.21E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NC232P	2.61E-03	6.41E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.06E-02	2.36E-08	5.96E-04	6.37E-03	0.00E+00	0.00E+00	1.03E-12	2.09E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-06	2.03E-03	7.33E-01	0.00E+00	8.55E-11	1.31E-08	1.65E-03	1.42E-06	1.08E-03	0.00E+00	7.33E-01	2.41E-09	7.33E-01	7.24E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
NC240A	2.79E-04	4.51E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.03E-02	2.51E-08	1.36E-04	1.53E-03	0.00E+00	0.00E+00	7.82E-13	1.76E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.90E-03	6.23E-01	0.00E+00	7.74E-11	2.36E-09	3.81E-04	1.57E-06	1.20E-03	0.00E+00	6.23E-01	2.63E-09	6.23E-01	6.27E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04
NC240P	2.62E-03	6.41E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	3.96E-02	2.34E-08	6.08E-04	6.46E-03	0.00E+00	0.00E+00	1.03E-12	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-06	2.06E-03	7.26E-01	0.00E+00	8.46E-11	1.34E-08	1.67E-03	1.43E-06	1.11E-03	0.00E+00	7.26E-01	2.41E-09	7.26E-01	7.16E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.13E-04
NC250A	2.61E-03	4.91E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.58E-02	1.90E-08	5.51E-04	5.94E-03	0.00E+00	0.00E+00	8.92E-13	1.72E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.73E-03	6.56E-01	0.00E+00	7.72E-11	1.28E-08	1.54E-03	1.24E-06	9.24E-04	0.00E+00	6.56E-01	2.02E-09	6.56E-01	6.54E-01	9.24E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
NC250P	2.57E-03	6.42E-02	0.00E+00	6.49E-02	0.00E+00	0.00E+00	4.02E-02	2.41E-08	5.83E-04	6.25E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-06	1.93E-03	7.20E-01	0.00E+00	8.47E-11	1.31E-08	1.61E-03	1.34E-06	1.06E-03	0.00E+00	7.20E-01	2.43E-09	7.20E-01	7.12E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
NC263A	2.52E-03	4.97E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.57E-02	1.96E-08	5.70E-04	5.95E-03	0.00E+00	0.00E+00	8.93E-13	1.73E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.76E-03	6.61E-01	0.00E+00	7.75E-11	1.33E-08	1.57E-03	1.31E-06	9.67E-04	0.00E+00	6.61E-01	2.04E-09	6.61E-01	6.58E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-04
NC263P	2.53E-03	6.48E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	4.02E-02	2.44E-08	5.88E-04	6.25E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-06	1.95E-03	7.24E-01	0.00E+00	8.56E-11	1.32E-08	1.62E-03	1.38E-06	1.09E-03	0.00E+00	7.24E-01	2.46E-09	7.24E-01	7.17E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
NC300A	2.67E-03	7.08E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	4.48E-02	2.41E-08	4.82E-04	5.56E-03	0.00E+00	0.00E+00	1.21E-12	2.37E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.39E-03	9.51E-01	0.00E+00	1.09E-10	1.21E-08	1.48E-03	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.55E-09	9.51E-01	9.54E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NC301A	2.67E-03	7.25E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.78E-02	2.62E-08	4.82E-04	5.57E-03	0.00E+00	0.00E+00	1.29E-12	2.54E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.52E-03	1.01E+00	0.00E+00	1.18E-10	1.21E-08	1.49E-03	1.87E-06	1.36E-03	0.00E+00	1.01E+00	2.82E-09	1.01E+00	1.01E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NC302A	2.66E-03	7.27E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.80E-02	2.63E-08	4.83E-04	5.56E-03	0.00E+00	0.00E+00	1.29E-12	2.54E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.53E-03	1.02E+00	0.00E+00	1.18E-10	1.20E-08	1.49E-03	1.87E-06	1.36E-03	0.00E+00	1.02E+00	2.83E-09	1.02E+00	1.01E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NC303A	2.67E-03	7.26E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.80E-02	2.62E-08	4.83E-04	5.60E-03	0.00E+00	0.00E+00	1.29E-12	2.54E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.52E-03	1.02E+00	0.00E+00	1.17E-10	1.21E-08	1.50E-03	1.87E-06	1.36E-03	0.00E+00	1.02E+00	2.82E-09	1.02E+00	1.01E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NC304A	2.66E-03	7.22E-02	0.00E+00	7.33E-02	0.00E+00	0.00E+00	4.69E-02	2.61E-08	4.82E-04	5.57E-03	0.00E+00	0.00E+00	1.27E-12	2.54E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.52E-03	1.02E+00	0.00E+00	1.17E-10	1.20E-08	1.49E-03	1.86E-06	1.36E-03	0.00E+00	1.02E+00	2.77E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
NC306A	3.65E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.77E-02	2.16E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-06	2.02E-03	8.03E-01	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.04E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NC306P	1.73E-03	3.64E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.22E-02	1.20E-08	4.23E-04	4.65E-03	0.00E+00	0.00E+00	5.17E-13	1.12E-11	7.26E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	1.19E-03	4.60E-01	0.00E+00	4.52E-11	8.81E-09	1.17E-03	8.58E-07	6.24E-04	0.00E+00	4.60E-01	1.28E-09	4.60E-01	4.58E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
NC310A	3.69E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.93E-11	3.00E-09	4.78E-04	1.46E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
NC313A	3.70E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.58E-02	1.85E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.04E-12	1.84E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.97E-03	8.17E-01	0.00E+00	8.61E-11	2.95E-09	4.71E-04	1.39E-06	1.03E-03	0.00E+00	8.17E-01	1.97E-09	8.17E-01	8.19E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
NC316A	3.74E-04	5.90E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.87E-02	2.22E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.07E-03	8.25E-01	0.00E+00	9.06E-11	3.04E-09	4.86E-04	1.48E-06	1.10E-03	0.00E+00	8.25E-01	2.33E-09	8.25E-01	8.26E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04

NC316P	3.35E-03	8.84E-02	0.00E+00	8.92E-02	0.00E+00	0.00E+00	5.62E-02	3.17E-08	7.60E-04	8.28E-03	0.00E+00	0.00E+00	1.38E-12	3.10E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.84E-03	1.22E+00	0.00E+00	1.21E-10	1.72E-08	2.14E-03	1.99E-06	1.53E-03	0.00E+00	1.22E+00	3.32E-09	1.22E+00	1.23E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NC320A	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NC320P	3.46E-03	8.95E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.79E-02	3.20E-08	7.86E-04	8.51E-03	0.00E+00	0.00E+00	1.40E-12	3.11E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.87E-03	1.24E+00	0.00E+00	1.23E-10	1.78E-08	2.22E-03	2.00E-06	1.54E-03	0.00E+00	1.24E+00	3.35E-09	1.24E+00	1.24E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
NC325A	3.84E-04	6.05E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	3.97E-02	2.27E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.07E-12	2.06E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-06	2.13E-03	8.45E-01	0.00E+00	9.29E-11	3.12E-09	4.98E-04	1.51E-06	1.13E-03	0.00E+00	8.45E-01	2.38E-09	8.45E-01	8.46E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NC325P	3.56E-03	8.40E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.25E-02	2.90E-08	8.17E-04	8.89E-03	0.00E+00	0.00E+00	1.35E-12	2.97E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.39E-03	9.54E-01	0.00E+00	1.09E-10	1.83E-08	2.31E-03	1.70E-06	1.26E-03	0.00E+00	9.54E-01	2.92E-09	9.54E-01	9.63E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
NC332A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.26E-01	0.00E+00	1.02E-10	3.42E-09	5.45E-04	1.66E-06	1.24E-03	0.00E+00	9.26E-01	2.61E-09	9.26E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
NC332P	3.65E-03	9.65E-02	0.00E+00	9.74E-02	0.00E+00	0.00E+00	6.05E-02	3.56E-08	8.34E-04	9.09E-03	0.00E+00	0.00E+00	1.52E-12	3.37E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-06	3.08E-03	1.32E+00	0.00E+00	1.28E-10	1.87E-08	2.35E-03	2.18E-06	1.65E-03	0.00E+00	1.32E+00	3.70E-09	1.32E+00	1.32E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NC340A	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
NC340P	3.73E-03	9.82E-02	0.00E+00	9.88E-02	0.00E+00	0.00E+00	6.38E-02	3.63E-08	8.61E-04	9.45E-03	0.00E+00	0.00E+00	1.56E-12	3.43E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.23E-06	3.16E-03	1.33E+00	0.00E+00	1.41E-10	1.93E-08	2.45E-03	2.23E-06	1.70E-03	0.00E+00	1.33E+00	3.76E-09	1.33E+00	1.34E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
NC350A	4.47E-04	7.05E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.80E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.86E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
NC350P	3.82E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.53E-02	3.72E-08	8.74E-04	9.57E-03	0.00E+00	0.00E+00	1.64E-12	3.58E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-06	3.24E-03	1.36E+00	0.00E+00	1.46E-10	1.97E-08	2.46E-03	2.32E-06	1.74E-03	0.00E+00	1.36E+00	3.85E-09	1.36E+00	1.37E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NC363A	4.48E-04	7.06E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	4.63E-02	2.65E-08	2.10E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.41E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.48E-03	9.87E-01	0.00E+00	1.08E-10	3.64E-09	5.81E-04	1.77E-06	1.32E-03	0.00E+00	9.87E-01	2.79E-09	9.87E-01	9.88E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
NC363P	3.87E-03	1.02E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.57E-02	3.77E-08	8.97E-04	9.76E-03	0.00E+00	0.00E+00	1.65E-12	3.60E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-06	3.28E-03	1.38E+00	0.00E+00	1.47E-10	2.00E-08	2.52E-03	2.37E-06	1.77E-03	0.00E+00	1.38E+00	3.86E-09	1.38E+00	1.39E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
NC400A	2.72E-03	7.93E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.18E-02	2.32E-08	5.04E-04	5.80E-03	0.00E+00	0.00E+00	1.42E-12	2.57E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	2.53E-03	9.94E-01	0.00E+00	1.20E-10	1.26E-08	1.50E-03	1.78E-06	1.31E-03	0.00E+00	9.94E-01	2.38E-09	9.94E-01	1.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
NC401A	2.72E-03	7.93E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.18E-02	2.32E-08	5.04E-04	5.80E-03	0.00E+00	0.00E+00	1.42E-12	2.57E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	2.53E-03	9.94E-01	0.00E+00	1.20E-10	1.26E-08	1.50E-03	1.77E-06	1.31E-03	0.00E+00	9.94E-01	2.38E-09	9.94E-01	1.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
NC402A	2.72E-03	7.93E-02	0.00E+00	7.91E-02	0.00E+00	0.00E+00	5.19E-02	2.16E-08	5.01E-04	5.78E-03	0.00E+00	0.00E+00	1.42E-12	2.57E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	2.50E-03	9.95E-01	0.00E+00	1.20E-10	1.26E-08	1.49E-03	1.74E-06	1.28E-03	0.00E+00	9.95E-01	2.14E-09	9.95E-01	1.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
NC403A	2.74E-03	7.92E-02	0.00E+00	7.89E-02	0.00E+00	0.00E+00	5.17E-02	2.32E-08	5.05E-04	5.82E-03	0.00E+00	0.00E+00	1.42E-12	2.57E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-06	2.53E-03	9.94E-01	0.00E+00	1.20E-10	1.27E-08	1.50E-03	1.78E-06	1.31E-03	0.00E+00	9.94E-01	2.37E-09	9.94E-01	9.99E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
NC404A	2.74E-03	7.94E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.18E-02	2.32E-08	5.05E-04	5.82E-03	0.00E+00	0.00E+00	1.42E-12	2.57E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-06	2.53E-03	9.95E-01	0.00E+00	1.20E-10	1.27E-08	1.50E-03	1.78E-06	1.31E-03	0.00E+00	9.95E-01	2.37E-09	9.95E-01	1.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
NC406A	3.85E-03	9.96E-02	0.00E+00	9.89E-02	0.00E+00	0.00E+00	6.46E-02	3.87E-08	8.83E-04	9.61E-03	0.00E+00	0.00E+00	1.64E-12	3.54E-11	2.33E-04	0.00E+00	0.00E+00	0.00E+00	8.98E-06	5.56E-03	1.38E+00	0.00E+00	1.48E-10	1.98E-08	2.50E-03	4.24E-06	3.24E-03	0.00E+00	1.38E+00	4.09E-09	1.38E+00	1.37E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	3.80E-04
NC410A	3.86E-03	9.88E-02	0.00E+00	9.97E-02	0.00E+00	0.00E+00	5.55E-02	3.09E-08	8.88E-04	9.78E-03	0.00E+00	0.00E+00	1.53E-12	2.80E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	2.83E-03	1.10E+00	0.00E+00	1.39E-10	2.00E-08	2.53E-03	1.97E-06	1.48E-03	0.00E+00	1.10E+00	3.20E-09	1.10E+00	1.10E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NC413A	3.05E-04	3.08E-02	0.00E+00	3.09E-02	0.00E+00	0.00E+00	3.44E-02	1.91E-08	1.41E-04	1.59E-03	0.00E+00	0.00E+00	3.99E-13	9.59E-12	7.00E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	1.15E-03	3.90E-01	0.00E+00	4.79E-11	2.48E-09	4.10E-04	8.37E-07	6.33E-04	0.00E+00	3.90E-01	1.83E-09	3.90E-01	3.88E-01	6.33E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
NC416A	3.88E-03	9.72E-02	0.00E+00	9.89E-02	0.00E+00	0.00E+00	5.51E-02	3.09E-08	8.93E-04	9.74E-03	0.00E+00	0.00E+00	1.48E-12	2.80E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-06	2.84E-03	1.10E+00	0.00E+00	1.39E-10	2.02E-08	2.55E-03	1.99E-06	1.49E-03	0.00E+00	1.10E+00	3.17E-09	1.10E+00	1.10E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NC420A	4.96E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.10E-02	2.92E-08	2.33E-04	2.56E-03	0.00E+00	0.00E+00	1.39E-12	2.66E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.04E-09	6.46E-04	1.94E-06	1.46E-03	0.00E+00	1.09E+00	3.06E-09	1.09E+00	1.09E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NC425A	3.98E-03	1.06E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.06E-02	3.25E-08	9.18E-04	9.97E-03	0.00E+00	0.00E+00	1.63E-12	3.10E-11	2.41E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-06	3.40E-03	1.27E+00	0.00E+00	1.46E-10	2.07E-08	2.58E-03	2.39E-06	1.80E-03	0.00E+00	1.27E+00	3.51E-09	1.27E+00	1.25E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
NC425P	3.72E-03	9.89E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.03E-02	3.50E-08	8.47E-04	9.28E-03	0.00E+00	0.00E+00	1.52E-12	3.37E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.15E-03	1.32E+00	0.00E+00	1.33E-10	1.91E-08	2.41E-03	2.19E-06	1.66E-03	0.00E+00	1.32E+00	3.66E-09	1.32E+00	1.31E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NC432A	6.44E-04	8.94E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.61E-02	3.22E-08	2.99E-04	3.15E-03	0.00E+00	0.00E+00	1.62E-12	2.96E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.20E+00	0.00E+00	1.35E-10	4.78E-09	8.06E-04	2.15E-06	1.59E-03	0.00E+00	1.20E+00	3.37E-09	1.20E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NC440A	5.50E-04	9.13E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	6.37E-02	3.92E-08	2.53E-04	2.86E-03	0.00E+00	0.00E+00	1.58E-12	3.59E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-06	5.55E-03	1.43E+00	0.00E+00	1.40E-10	4.44E-09	7.12E-04	4.37E-06	3.32E-03	0.00E+00	1.43E+00	4.19E-09	1.43E+00	1.43E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NC440P	3.82E-03	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.30E-02	3.58E-08	8.79E-04	9.57E-03	0.00E+00	0.00E+00	1.56E-12	3.45E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-06	3.19E-03	1.33E+00	0.00E+00	1.40E-10	1.98E-08	2.51E-03	2.21E-06	1.69E-03	0.00E+00	1.33E+00	3.72E-09	1.33E+00	1.33E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
NC450A	4.01E-03	1.06E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.10E-02	3.32E-08	9.22E-04	1.01E-02	0.00E+00	0.00E+00	1.64E-12	3.04E-11	2.43E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-06	3.18E-03	1.24E+00	0.00E+00	1.50E-10	2.10E-08	2.59E-03	2.24E-06	1.68E-03	0.00E+00	1.24E+00	3.48E-09	1.24E+00	1.23E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
NC450P	3.91E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.49E-02	3.67E-08	8.95E-04	9.77E-03	0.00E+00	0.00E+00	1.60E-12	3.59E-11	2.28E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-06	3.29E-03	1.38E+00	0.00E+00	1.46E-10	2.02E-08	2.53E-03	2.29E-06	1.75E-03	0.00E+00	1.38E+00	3.79E-09	1.38E+00	1.38E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
NC463A	4.03E-03	1.05E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	6.10E-02	3.33E-08	9.29E-04	1.02E-02	0.00E+00	0.00E+00	1.65E-12	3.04E-11	2.44E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-06	3.20E-03	1.24E+00	0.00E+00	1.50E-10	2.11E-08	2.61E-03	2.24E-06	1.69E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.25E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NC463P	3.94E-03	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.50E-02	3.69E-08	9.10E-04	9.90E-03	0.00E+00	0.00E+00	1.60E-12	3.60E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-06	3.30E-03	1.39E+00	0.00E+00	1.46E-10	2.04E-08	2.57E-03	2.31E-06	1.76E-03	0.00E+00	1.39E+00	3.79E-09	1.39E+00	1.39E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-04
NCN002	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.16E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	7.27E-04	2.87E-01	0.00E+00	4.52E-11	2.74E-09	3.44E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NCN003	4.49E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.27E-04	2.87E-01	0.00E+00	4.49E-11	2.67E-09	3.38E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN004	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.28E-04	2.87E-01	0.00E+00	4.50E-11	2.74E-09	3.43E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN006	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.05E-05	6.64E-04	0.00E+00	0.00E+00	3.58E-13	6.93E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
NCN010	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.97E-05	6.55E-04	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.81E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.92E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
NCN013	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NCN016	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NCN020	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.38E-02	7.90E-09	6.25E-05	6.86E-04	0.00E+00	0.00E+00	3.70E-13	7.16E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.40E-04	2.94E-01	0.00E+00	3.23E-11	1.09E-09	1.73E-04	5.27E-07	3.92E-04	0.00E+00	2.94E-01	8.29E-10	2.94E-01	2.94E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-05
NCN025	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NCN032	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.81E-13	7.44E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.03E-01	0.00E+00	3.32E-11	2.68E-09	3.34E-04	5.42E-07	4.04E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN040	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.01E-09	6.34E-05	6.95E-04	0.00E+00	0.00E+00	3.75E-13	7.26E-12	5.20E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.27E-11	1.10E-09	1.75E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.98E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NCN050	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.39E-09	6.64E-05	7.28E-04	0.00E+00	0.00E+00	3.93E-13	7.60E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.12E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.16E-04	0.00E+00	3.12E-01	8.80E-10	3.12E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05
NCN063	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN100	4.49E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.52E-13	6.80E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.25E-04	2.86E-01	0.00E+00	4.49E-11	2.67E-09	3.38E-04	5.26E-07	3.91E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.86E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN100A	1.29E-04	2.02E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.15E-02	1.32E-08	6.07E-05	6.65E-04	0.00E+00	0.00E+00	3.48E-13	6.70E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	7.22E-04	2.85E-01	0.00E+00	4.52E-11	1.05E-09	1.68E-04	5.22E-07	3.89E-04	0.00E+00	2.85E-01	1.30E-09	2.85E-01	2.86E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NCN100N	1.02E-03	2.64E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.80E-02	1.06E-08	2.27E-04	2.56E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.65E-04	3.54E-01	0.00E+00	3.59E-11	5.21E-09	6.89E-04	6.27E-07	4.49E-04	0.00E+00	3.54E-01	1.16E-09	3.54E-01	3.56E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
NCN101	4.67E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.14E-02	1.32E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.47E-13	6.78E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.18E-04	2.82E-01	0.00E+00	4.46E-11	2.72E-09	3.42E-04	5.24E-07	3.86E-04	0.00E+00	2.82E-01	1.30E-09	2.82E-01	2.82E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN101A	1.28E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	9.12E-02	1.31E-08	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.43E-13	6.64E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	7.12E-04	2.81E-01	0.00E+00	4.44E-11	1.03E-09	1.66E-04	5.17E-07	3.83E-04	0.00E+00	2.81E-01	1.29E-09	2.81E-01	2.82E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NCN101N	1.02E-03	2.64E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.80E-02	1.06E-08	2.27E-04	2.56E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.65E-04	3.54E-01	0.00E+00	3.59E-11	5.21E-09	6.89E-04	6.27E-07	4.49E-04	0.00E+00	3.54E-01	1.16E-09	3.54E-01	3.56E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
NCN102	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.16E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	7.27E-04	2.87E-01	0.00E+00	4.52E-11	2.74E-09	3.44E-04	5.28E-07	3.93E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NCN102A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.13E-02	1.32E-08	6.06E-05	6.64E-04	0.00E+00	0.00E+00	3.50E-13	6.72E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.21E-04	2.85E-01	0.00E+00	4.47E-11	1.06E-09	1.68E-04	5.21E-07	3.90E-04	0.00E+00	2.85E-01	1.30E-09	2.85E-01	2.85E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN102N	1.02E-03	2.64E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.80E-02	1.06E-08	2.27E-04	2.56E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.65E-04	3.54E-01	0.00E+00	3.58E-11	5.21E-09	6.89E-04	6.26E-07	4.49E-04	0.00E+00	3.54E-01	1.16E-09	3.54E-01	3.56E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
NCN103	4.49E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.14E-02	1.32E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.48E-13	6.82E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.20E-04	2.83E-01	0.00E+00	4.49E-11	2.66E-09	3.37E-04	5.25E-07	3.87E-04	0.00E+00	2.83E-01	1.30E-09	2.83E-01	2.83E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN103A	1.29E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.12E-02	1.31E-08	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.44E-13	6.68E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.14E-04	2.81E-01	0.00E+00	4.46E-11	1.04E-09	1.67E-04	5.18E-07	3.83E-04	0.00E+00	2.81E-01	1.29E-09	2.81E-01	2.82E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NCN103N	1.02E-03	2.64E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.80E-02	1.06E-08	2.27E-04	2.56E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.66E-04	3.54E-01	0.00E+00	3.58E-11	5.21E-09	6.89E-04	6.27E-07	4.50E-04	0.00E+00	3.54E-01	1.16E-09	3.54E-01	3.56E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
NCN104	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.27E-04	2.86E-01	0.00E+00	4.50E-11	2.74E-09	3.43E-04	5.28E-07	3.92E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.86E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN104A	1.29E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.13E-02	1.31E-08	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.45E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.15E-04	2.82E-01	0.00E+00	4.48E-11	1.04E-09	1.67E-04	5.19E-07	3.84E-04	0.00E+00	2.82E-01	1.29E-09	2.82E-01	2.83E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NCN104N	1.02E-03	2.65E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.80E-02	1.06E-08	2.27E-04	2.56E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.66E-04	3.54E-01	0.00E+00	3.58E-11	5.21E-09	6.89E-04	6.27E-07	4.50E-04	0.00E+00	3.54E-01	1.16E-09	3.54E-01	3.56E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
NCN106	4.48E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	1.24E-04	1.32E-03	0.00E+00	0.00E+00	3.46E-13	6.77E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.79E-01	0.00E+00	3.04E-11	2.65E-09	3.36E-04	4.99E-07	3.69E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NCN106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN106N	1.42E-03	2.70E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.83E-02	1.08E-08	3.31E-04	3.70E-03	0.00E+00	0.00E+00	3.97E-13	8.37E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	8.61E-04	3.63E-01	0.00E+00	3.93E-11	7.19E-09	9.66E-04	6.14E-07	4.50E-04	0.00E+00	3.63E-01	1.15E-09	3.63E-01	3.66E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
NCN106P	1.55E-04	2.71E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.66E-02	1.50E-08	8.35E-05	9.18E-04	0.00E+00	0.00E+00	4.71E-13	1.04E-11	7.48E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.31E-03	4.02E-01	0.00E+00	3.76E-11	1.23E-09	2.18E-04	9.08E-07	6.92E-04	0.00E+00	4.02E-01	1.73E-09	4.02E-01	4.14E-01	6.92E-04	0.00E+00	0.00E+00	0.00E+00	9.34E-05
NCN108A	1.44E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-02	7.37E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.46E-13	6.71E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.93E-04	2.77E-01	0.00E+00	3.05E-11	1.04E-09	1.70E-04	4.94E-07	3.67E-04	0.00E+00	2.77E-01	7.74E-10	2.77E-01	2.77E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
NCN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN110A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN110N	1.56E-03	3.50E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	2.15E-02	1.82E-08	3.78E-04	4.09E-03	0.00E+00	0.00E+00	5.18E-13	1.19E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.37E-03	4.60E-01	0.00E+00	4.68E-11	8.25E-09	1.08E-03	9.74E-07	7.24E-04	0.00E+00	4.60E-01	2.11E-09	4.60E-01	4.70E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
NCN110P	1.43E-04	2.17E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.51E-02	1.04E-08	7.08E-05	7.66E-04	0.00E+00	0.00E+00	3.66E-13	8.16E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	1.01E-03	3.01E-01	0.00E+00	3.13E-11	1.18E-09	1.93E-04	7.34E-07	5.58E-04	0.00E+00	3.01E-01	1.31E-09	3.01E-01	3.06E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
NCN113	4.47E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.24E-04	1.32E-03	0.00E+00	0.00E+00	3.53E-13	6.87E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.01E-04	2.79E-01	0.00E+00	3.08E-11	2.67E-09	3.36E-04	5.03E-07	3.72E-04	0.00E+00	2.79E-01	7.89E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NCN113A	4.53E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.53E-13	6.87E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.78E-01	0.00E+00	3.08E-11	2.68E-09	3.38E-04	5.03E-07	3.72E-04	0.00E+00	2.78E-01	7.88E-10	2.78E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NCN116	4.65E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.54E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.53E-13	6.88E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.02E-04	2.79E-01	0.00E+00	3.09E-11	2.74E-09	3.42E-04	5.03E-07	3.73E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
NCN116A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NCN116N	1.39E-03	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.39E-02	1.38E-08	3.28E-04	3.59E-03	0.00E+00	0.00E+00	5.94E-13	1.33E-11	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	5.06E-01	0.00E+00	5.20E-11	7.32E-09	9.24E-04	8.48E-07	6.47E-04	0.00E+00	5.06E-01	1.43E-09	5.06E-01	5.06E-01	6.47E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
NCN116P	1.53E-04	2.18E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.54E-02	8.57E-09	8.22E-05	9.17E-04	0.00E+00	0.00E+00	3.75E-13	8.41E-12	5.82E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	1.02E-03	3.19E-01	0.00E+00	3.27E-11	1.22E-09	2.19E-04	7.44E-07	5.50E-04	0.00E+00	3.19E-01	1.06E-09	3.19E-01	3.24E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
NCN120	4.67E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.34E-02	7.58E-09	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.73E-09	3.42E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NCN120A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NCN120N	1.53E-03	3.42E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.18E-02	1.83E-08	3.54E-04	3.90E-03	0.00E+00	0.00E+00	5.31E-13	1.18E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.38E-03	4.54E-01	0.00E+00	4.69E-11	7.66E-09	9.97E-04	9.89E-07	7.29E-04	0.00E+00	4.54E-01	2.11E-09	4.54E-01	4.65E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
NCN120P	1.51E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.54E-02	1.06E-08	8.16E-05	9.13E-04	0.00E+00	0.00E+00	3.75E-13	8.41E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.03E-03	3.19E-01	0.00E+00	3.27E-11	1.21E-09	2.18E-04	7.52E-07	5.67E-04	0.00E+00	3.19E-01	1.31E-09	3.19E-01	3.23E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NCN125	4.90E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.35E-02	7.61E-09	1.30E-04	1.43E-03	0.00E+00	0.00E+00	3.58E-13	7.01E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.13E-04	2.84E-01	0.00E+00	3.12E-11	2.94E-09	3.63E-04	5.13E-07	3.80E-04	0.00E+00	2.84E-01	7.95E-10	2.84E-01	2.84E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
NCN125A	1.28E-04	2.00E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.31E-02	7.45E-09	5.99E-05	6.58E-04	0.00E+00	0.00E+00	3.52E-13	6.79E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.81E-01	0.00E+00	3.08E-11	1.03E-09	1.66E-04	5.05E-07	3.74E-04	0.00E+00	2.81E-01	7.83E-10	2.81E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
NCN125N	1.49E-03	2.77E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.88E-02	1.10E-08	3.35E-04	3.76E-03	0.00E+00	0.00E+00	3.98E-13	8.34E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	8.63E-04	3.59E-01	0.00E+00	3.93E-11	7.36E-09	9.86E-04	6.17E-07	4.51E-04	0.00E+00	3.59E-01	1.16E-09	3.59E-01	3.61E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.87E-05
NCN125P	1.54E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.54E-02	8.57E-09	8.23E-05	9.18E-04	0.00E+00	0.00E+00	3.75E-13	8.38E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.02E-03	3.19E-01	0.00E+00	3.27E-11	1.22E-09	2.19E-04	7.45E-07	5.50E-04	0.00E+00	3.19E-01	1.06E-09	3.19E-01	3.24E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NCN132	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.23E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.46E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.63E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05
NCN132A	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.34E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05

NCN132N	1.55E-03	2.88E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.90E-02	1.15E-08	3.42E-04	3.84E-03	0.00E+00	0.00E+00	4.22E-13	8.78E-12	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.31E-04	3.73E-01	0.00E+00	4.07E-11	7.71E-09	1.00E-03	6.60E-07	4.87E-04	0.00E+00	3.73E-01	1.22E-09	3.73E-01	3.75E-01	4.87E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
NCN132P	1.62E-04	2.73E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.70E-02	1.08E-08	8.37E-05	9.20E-04	0.00E+00	0.00E+00	4.86E-13	1.01E-11	7.57E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.29E-03	4.04E-01	0.00E+00	3.78E-11	1.25E-09	2.20E-04	8.95E-07	6.66E-04	0.00E+00	4.04E-01	1.30E-09	4.04E-01	4.16E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
NCN140	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.81E-13	7.45E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.04E-01	0.00E+00	3.32E-11	2.68E-09	3.34E-04	5.42E-07	4.04E-04	0.00E+00	3.04E-01	8.65E-10	3.04E-01	3.04E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN140A	1.36E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.08E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.33E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.56E-04	3.01E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.39E-07	4.01E-04	0.00E+00	3.01E-01	8.48E-10	3.01E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
NCN140N	1.51E-03	2.76E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.86E-02	1.11E-08	3.39E-04	3.78E-03	0.00E+00	0.00E+00	3.99E-13	8.36E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	8.74E-04	3.57E-01	0.00E+00	3.92E-11	7.66E-09	9.98E-04	6.24E-07	4.56E-04	0.00E+00	3.57E-01	1.16E-09	3.57E-01	3.63E-01	4.56E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-05
NCN140P	1.62E-04	2.73E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.70E-02	1.08E-08	8.45E-05	9.28E-04	0.00E+00	0.00E+00	4.86E-13	1.01E-11	7.57E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.29E-03	4.05E-01	0.00E+00	3.79E-11	1.25E-09	2.22E-04	9.12E-07	6.71E-04	0.00E+00	4.05E-01	1.30E-09	4.05E-01	4.16E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
NCN150	1.37E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.46E-02	1.08E-08	6.62E-05	7.30E-04	0.00E+00	0.00E+00	3.99E-13	7.54E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	1.03E-03	3.18E-01	0.00E+00	3.45E-11	1.10E-09	1.83E-04	7.52E-07	5.57E-04	0.00E+00	3.18E-01	1.32E-09	3.18E-01	3.19E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05
NCN150A	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN150N	1.46E-03	2.78E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.84E-02	1.13E-08	3.33E-04	3.75E-03	0.00E+00	0.00E+00	4.14E-13	8.36E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.00E-04	3.58E-01	0.00E+00	4.01E-11	7.47E-09	9.91E-04	6.51E-07	4.74E-04	0.00E+00	3.58E-01	1.18E-09	3.58E-01	3.64E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
NCN150P	2.38E-04	2.75E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.70E-02	1.08E-08	8.58E-05	9.27E-04	0.00E+00	0.00E+00	4.88E-13	1.01E-11	7.65E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	1.30E-03	4.09E-01	0.00E+00	3.77E-11	1.59E-09	2.26E-04	9.16E-07	6.73E-04	0.00E+00	4.09E-01	1.30E-09	4.09E-01	4.21E-01	6.73E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN163	1.36E-04	2.21E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.59E-02	1.08E-08	6.38E-05	7.23E-04	0.00E+00	0.00E+00	4.03E-13	8.06E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.04E-03	3.20E-01	0.00E+00	3.43E-11	1.08E-09	1.77E-04	7.67E-07	5.71E-04	0.00E+00	3.20E-01	1.33E-09	3.20E-01	3.21E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
NCN163A	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN163N	1.49E-03	2.78E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.85E-02	1.13E-08	3.34E-04	3.75E-03	0.00E+00	0.00E+00	4.15E-13	8.36E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.00E-04	3.58E-01	0.00E+00	4.00E-11	7.60E-09	9.95E-04	6.51E-07	4.73E-04	0.00E+00	3.58E-01	1.18E-09	3.58E-01	3.64E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
NCN163P	2.41E-04	2.79E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.71E-02	1.33E-08	8.64E-05	9.05E-04	0.00E+00	0.00E+00	4.91E-13	1.05E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	1.34E-03	4.11E-01	0.00E+00	3.90E-11	1.59E-09	2.18E-04	9.09E-07	6.90E-04	0.00E+00	4.11E-01	1.60E-09	4.11E-01	4.23E-01	6.90E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
NCN200	4.62E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.47E-08	1.57E-04	1.80E-03	0.00E+00	0.00E+00	6.54E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	2.98E-09	4.34E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.46E-09	5.20E-01	5.05E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN200A	4.38E-04	4.00E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	4.93E-02	1.49E-08	1.57E-04	1.80E-03	0.00E+00	0.00E+00	6.59E-13	1.22E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.19E-01	0.00E+00	6.67E-11	2.92E-09	4.30E-04	7.39E-07	5.59E-04	0.00E+00	5.19E-01	1.50E-09	5.19E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN200N	1.11E-03	3.49E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.14E-02	1.47E-08	2.49E-04	2.89E-03	0.00E+00	0.00E+00	4.96E-13	1.01E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.14E-03	4.38E-01	0.00E+00	4.30E-11	5.41E-09	7.26E-04	8.24E-07	5.85E-04	0.00E+00	4.38E-01	1.58E-09	4.38E-01	4.34E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
NCN201	4.43E-04	3.67E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.01E-01	1.55E-08	1.49E-04	1.72E-03	0.00E+00	0.00E+00	6.25E-13	1.18E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.04E-03	4.95E-01	0.00E+00	6.30E-11	2.82E-09	4.09E-04	7.39E-07	5.57E-04	0.00E+00	4.95E-01	1.59E-09	4.95E-01	4.84E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NCN201A	4.39E-04	3.99E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	4.93E-02	1.49E-08	1.57E-04	1.82E-03	0.00E+00	0.00E+00	6.61E-13	1.22E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.19E-01	0.00E+00	6.67E-11	2.88E-09	4.36E-04	7.38E-07	5.57E-04	0.00E+00	5.19E-01	1.50E-09	5.19E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN201N	1.11E-03	3.49E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.14E-02	1.47E-08	2.49E-04	2.89E-03	0.00E+00	0.00E+00	4.96E-13	1.01E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.14E-03	4.38E-01	0.00E+00	4.30E-11	5.41E-09	7.26E-04	8.24E-07	5.85E-04	0.00E+00	4.38E-01	1.58E-09	4.38E-01	4.34E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
NCN201P	4.84E-04	4.95E-02	0.00E+00	5.04E-02	0.00E+00	0.00E+00	3.15E-02	1.94E-08	2.06E-04	1.86E-03	0.00E+00	0.00E+00	7.94E-13	1.79E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.24E-06	1.70E-03	7.32E-01	0.00E+00	7.37E-11	3.67E-09	4.46E-04	1.21E-06	8.88E-04	0.00E+00	7.32E-01	2.07E-09	7.32E-01	7.45E-01	8.88E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
NCN202	4.62E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.57E-04	1.80E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.67E-11	2.97E-09	4.34E-04	7.38E-07	5.57E-04	0.00E+00	5.21E-01	1.46E-09	5.21E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN202A	4.30E-04	4.00E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	1.02E-01	1.61E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.61E-13	1.22E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	2.87E-09	4.22E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.67E-09	5.20E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN202N	1.11E-03	3.49E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.14E-02	1.47E-08	2.49E-04	2.89E-03	0.00E+00	0.00E+00	4.97E-13	1.01E-11	7.02E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.14E-03	4.38E-01	0.00E+00	4.30E-11	5.42E-09	7.19E-04	8.23E-07	5.85E-04	0.00E+00	4.38E-01	1.58E-09	4.38E-01	4.34E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
NCN203	4.87E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.60E-04	1.83E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.67E-11	3.05E-09	4.42E-04	7.38E-07	5.57E-04	0.00E+00	5.21E-01	1.47E-09	5.21E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN203A	4.33E-04	3.99E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	4.93E-02	1.45E-08	1.56E-04	1.80E-03	0.00E+00	0.00E+00	6.42E-13	1.22E-11	7.93E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	1.05E-03	5.20E-01	0.00E+00	6.66E-11	2.88E-09	4.29E-04	7.38E-07	5.57E-04	0.00E+00	5.20E-01	1.48E-09	5.20E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN203N	1.11E-03	3.49E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.14E-02	1.47E-08	2.49E-04	2.89E-03	0.00E+00	0.00E+00	4.97E-13	1.01E-11	7.03E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.14E-03	4.38E-01	0.00E+00	4.30E-11	5.42E-09	7.26E-04	8.24E-07	5.85E-04	0.00E+00	4.38E-01	1.58E-09	4.38E-01	4.34E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
NCN204	4.55E-04	4.00E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	1.02E-01	1.57E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.35E-13	1.23E-11	7.97E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.66E-11	2.93E-09	4.27E-04	7.41E-07	5.62E-04	0.00E+00	5.20E-01	1.62E-09	5.20E-01	5.05E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN204A	4.31E-04	3.99E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	1.02E-01	1.58E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.42E-13	1.22E-11	7.96E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	1.05E-03	5.20E-01	0.00E+00	6.66E-11	2.87E-09	4.23E-04	7.41E-07	5.62E-04	0.00E+00	5.20E-01	1.66E-09	5.20E-01	5.05E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN204N	1.11E-03	3.49E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.14E-02	1.47E-08	2.49E-04	2.89E-03	0.00E+00	0.00E+00	4.97E-13	1.01E-11	7.03E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.14E-03	4.38E-01	0.00E+00	4.30E-11	5.42E-09	7.19E-04	8.23E-07	5.85E-04	0.00E+00	4.38E-01	1.58E-09	4.38E-01	4.34E-01	5.85E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
NCN204P	4.84E-04	4.95E-02	0.00E+00	5.04E-02	0.00E+00	0.00E+00	3.16E-02	1.94E-08	2.07E-04	1.86E-03	0.00E+00	0.00E+00	7.94E-13	1.80E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.24E-06	1.71E-03	7.32E-01	0.00E+00	7.37E-11	3.65E-09	4.51E-04	1.21E-06	8.91E-04	0.00E+00	7.32E-01	2.07E-09	7.32E-01	7.45E-01	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
NCN206	4.76E-04	3.63E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.63E-02	1.26E-08	1.53E-04	1.75E-03	0.00E+00	0.00E+00	6.11E-13	1.16E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.90E-09	4.21E-04	7.37E-07	5.49E-04	0.00E+00	4.91E-01	1.24E-09	4.91E-01	4.78E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NCN206A	4.15E-04	3.62E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.62E-02	1.27E-08	1.50E-04	1.75E-03	0.00E+00	0.00E+00	6.16E-13	1.15E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.73E-09	4.12E-04	7.37E-07	5.48E-04	0.00E+00	4.91E-01	1.28E-09	4.91E-01	4.80E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NCN206N	1.58E-03	3.49E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.19E-02	1.47E-08	3.70E-04	4.06E-03	0.00E+00	0.00E+00	4.96E-13	1.01E-11	7.17E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.14E-03	4.42E-01	0.00E+00	4.55E-11	7.84E-09	1.01E-03	8.11E-07	5.82E-04	0.00E+00	4.42E-01	1.56E-09	4.42E-01	4.38E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
NCN206P	4.70E-04	4.66E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.05E-02	1.91E-08	2.01E-04	1.81E-03	0.00E+00	0.00E+00	7.59E-13	1.74E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.63E-03	7.11E-01	0.00E+00	7.24E-11	3.53E-09	4.34E-04	1.14E-06	8.33E-04	0.00E+00	7.11E-01	2.02E-09	7.11E-01	7.27E-01	8.33E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
NCN210	3.82E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.91E-02	1.57E-08	1.36E-04	1.52E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.45E-03	5.65E-01	0.00E+00	6.63E-11	2.49E-09	3.72E-04	1.04E-06	7.67E-04	0.00E+00	5.65E-01	1.66E-09	5.65E-01	5.65E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NCN210A	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NCN210N	1.85E-03	3.92E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.95E-02	1.63E-08	4.20E-04	4.58E-03	0.00E+00	0.00E+00	6.31E-13	1.18E-11	7.92E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.17E-03	5.15E-01	0.00E+00	5.88E-11	9.17E-09	1.14E-03	8.25E-07	6.00E-04	0.00E+00	5.15E-01	1.74E-09	5.15E-01	4.92E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
NCN210P	4.66E-04	4.55E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	2.95E-02	1.65E-08	1.95E-04	1.78E-03	0.00E+00	0.00E+00	7.45E-13	1.58E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.54E-03	6.99E-01	0.00E+00	6.99E-11	3.44E-09	4.19E-04	1.07E-06	7.76E-04	0.00E+00	6.99E-01	1.72E-09	6.99E-01	7.16E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NCN213	3.83E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.55E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.45E-03	5.64E-01	0.00E+00	6.63E-11	2.49E-09	3.77E-04	1.04E-06	7.56E-04	0.00E+00	5.64E-01	1.62E-09	5.64E-01	5.64E-01	7.56E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NCN216	3.83E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.55E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.44E-03	5.64E-01	0.00E+00	6.62E-11	2.49E-09	3.77E-04	1.04E-06	7.55E-04	0.00E+00	5.64E-01	1.62E-09	5.64E-01	5.64E-01	7.55E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NCN216A	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NCN216N	1.86E-03	4.00E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.98E-02	1.64E-08	4.21E-04	4.60E-03	0.00E+00	0.00E+00	6.39E-13	1.20E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.18E-03	5.21E-01	0.00E+00	6.01E-11	9.18E-09	1.15E-03	8.23E-07	6.01E-04	0.00E+00	5.21E-01	1.78E-09	5.21E-01	4.98E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NCN216P	4.64E-04	4.56E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	2.97E-02	1.69E-08	1.97E-04	1.78E-03	0.00E+00	0.00E+00	7.45E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.58E-03	7.07E-01	0.00E+00	7.01E-11	3.46E-09	4.19E-04	1.09E-06	7.90E-04	0.00E+00	7.07E-01	1.74E-09	7.07E-01	7.22E-01	7.90E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NCN220	3.89E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.95E-02	1.60E-08	1.39E-04	1.54E-03	0.00E+00	0.00E+00	7.33E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.48E-03	5.85E-01	0.00E+00	6.73E-11	2.55E-09	3.85E-04	1.07E-06	7.75E-04	0.00E+00	5.85E-01	1.66E-09	5.85E-01	5.88E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN220A	3.42E-04	4.09E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.95E-02	1.62E-08	1.38E-04	1.54E-03	0.00E+00	0.00E+00	7.44E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.48E-03	5.85E-01	0.00E+00	6.72E-11	2.41E-09	3.83E-04	1.07E-06	7.74E-04	0.00E+00	5.85E-01	1.70E-09	5.85E-01	5.89E-01	7.74E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN220N	1.86E-03	4.02E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	4.17E-04	4.61E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.18E-03	5.24E-01	0.00E+00	6.05E-11	9.20E-09	1.14E-03	8.27E-07	6.02E-04	0.00E+00	5.24E-01	1.78E-09	5.24E-01	4.99E-01	6.02E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NCN220P	4.76E-04	4.76E-02	0.00E+00	4.82E-02	0.00E+00	0.00E+00	3.07E-02	1.91E-08	2.05E-04	1.83E-03	0.00E+00	0.00E+00	7.65E-13	1.75E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-06	1.65E-03	7.23E-01	0.00E+00	7.24E-11	3.57E-09	4.40E-04	1.16E-06	8.50E-04	0.00E+00	7.23E-01	2.02E-09	7.23E-01	7.36E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
NCN225	3.90E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.98E-02	1.60E-08	1.39E-04	1.55E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.49E-03	5.85E-01	0.00E+00	6.75E-11	2.56E-09	3.86E-04	1.07E-06	7.86E-04	0.00E+00	5.85E-01	1.67E-09	5.85E-01	5.88E-01	7.86E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN225A	3.43E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.98E-02	1.62E-08	1.38E-04	1.54E-03	0.00E+00	0.00E+00	7.44E-13	1.43E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.50E-03	5.86E-01	0.00E+00	6.74E-11	2.42E-09	3.84E-04	1.07E-06	7.84E-04	0.00E+00	5.86E-01	1.71E-09	5.86E-01	5.90E-01	7.84E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN225N	2.38E-03	4.11E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	3.12E-02	1.64E-08	4.99E-04	5.35E-03	0.00E+00	0.00E+00	6.62E-13	1.25E-11	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.18E-03	5.33E-01	0.00E+00	6.25E-11	1.12E-08	1.37E-03	8.25E-07	6.01E-04	0.00E+00	5.33E-01	1.81E-09	5.33E-01	5.07E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NCN225P	5.02E-04	4.67E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.02E-02	1.67E-08	2.06E-04	1.88E-03	0.00E+00	0.00E+00	7.65E-13	1.61E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.58E-03	7.18E-01	0.00E+00	6.92E-11	3.63E-09	4.39E-04	1.11E-06	8.15E-04	0.00E+00	7.18E-01	1.72E-09	7.18E-01	7.33E-01	8.15E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NCN232	4.79E-04	3.97E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.76E-02	1.32E-08	1.59E-04	1.83E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.05E-03	5.15E-01	0.00E+00	6.38E-11	3.01E-09	4.38E-04	7.39E-07	5.53E-04	0.00E+00	5.15E-01	1.31E-09	5.15E-01	5.03E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN232A	4.22E-04	3.96E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.75E-02	1.33E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.48E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.15E-01	0.00E+00	6.38E-11	2.84E-09	4.18E-04	7.39E-07	5.54E-04	0.00E+00	5.15E-01	1.34E-09	5.15E-01	5.03E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN232N	2.43E-03	4.47E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.29E-02	1.68E-08	5.07E-04	5.45E-03	0.00E+00	0.00E+00	6.76E-13	1.32E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.20E-03	5.58E-01	0.00E+00	6.68E-11	1.16E-08	1.39E-03	8.37E-07	6.15E-04	0.00E+00	5.58E-01	1.84E-09	5.58E-01	5.33E-01	6.15E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN232P	5.07E-04	4.87E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	3.13E-02	1.71E-08	2.16E-04	2.00E-03	0.00E+00	0.00E+00	8.00E-13	1.66E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.64E-03	7.39E-01	0.00E+00	7.17E-11	3.75E-09	4.69E-04	1.19E-06	8.50E-04	0.00E+00	7.39E-01	1.78E-09	7.39E-01	7.46E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NCN240	4.78E-04	3.97E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.75E-02	1.32E-08	1.59E-04	1.83E-03	0.00E+00	0.00E+00	6.38E-13	1.21E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.14E-01	0.00E+00	6.33E-11	3.00E-09	4.38E-04	7.40E-07	5.54E-04	0.00E+00	5.14E-01	1.30E-09	5.14E-01	5.02E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NCN240A	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
NCN240N	2.99E-03	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.14E-02	2.96E-08	7.05E-04	7.72E-03	0.00E+00	0.00E+00	1.28E-12	2.85E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.62E-03	1.09E+00	0.00E+00	1.12E-10	1.57E-08	1.99E-03	1.82E-06	1.39E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
NCN240P	4.86E-04	4.99E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.21E-02	1.96E-08	2.15E-04	1.90E-03	0.00E+00	0.00E+00	8.04E-13	1.81E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.25E-06	1.76E-03	7.53E-01	0.00E+00	7.51E-11	3.69E-09	4.50E-04	1.28E-06	9.38E-04	0.00E+00	7.53E-01	2.07E-09	7.53E-01	7.61E-01	9.38E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
NCN250	4.46E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.80E-02	1.34E-08	1.54E-04	1.77E-03	0.00E+00	0.00E+00	6.61E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.06E-03	5.17E-01	0.00E+00	6.39E-11	2.88E-09	4.20E-04	7.45E-07	5.64E-04	0.00E+00	5.17E-01	1.31E-09	5.17E-01	5.05E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NCN250A	4.21E-04	4.00E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.68E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.06E-03	5.17E-01	0.00E+00	6.39E-11	2.82E-09	4.15E-04	7.45E-07	5.63E-04	0.00E+00	5.17E-01	1.35E-09	5.17E-01	5.05E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NCN250N	2.35E-03	4.47E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.22E-02	1.73E-08	4.98E-04	5.47E-03	0.00E+00	0.00E+00	6.77E-13	1.33E-11	8.29E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.20E-03	5.54E-01	0.00E+00	6.53E-11	1.12E-08	1.39E-03	8.40E-07	6.25E-04	0.00E+00	5.54E-01	1.91E-09	5.54E-01	5.29E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN250P	5.12E-04	4.99E-02	0.00E+00	5.07E-02	0.00E+00	0.00E+00	3.23E-02	1.93E-08	2.10E-04	1.91E-03	0.00E+00	0.00E+00	8.07E-13	1.81E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.73E-03	7.49E-01	0.00E+00	7.31E-11	3.75E-09	4.50E-04	1.27E-06	9.35E-04	0.00E+00	7.49E-01	2.04E-09	7.49E-01	7.56E-01	9.35E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
NCN263	4.50E-04	4.05E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.80E-02	1.34E-08	1.55E-04	1.78E-03	0.00E+00	0.00E+00	6.64E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.40E-11	2.92E-09	4.27E-04	7.46E-07	5.68E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.06E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN263A	4.30E-04	4.04E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.71E-13	1.23E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.40E-11	2.87E-09	4.22E-04	7.46E-07	5.67E-04	0.00E+00	5.20E-01	1.36E-09	5.20E-01	5.06E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN263N	2.32E-03	4.51E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.21E-02	1.75E-08	5.00E-04	5.47E-03	0.00E+00	0.00E+00	6.78E-13	1.33E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.22E-03	5.56E-01	0.00E+00	6.54E-11	1.13E-08	1.39E-03	8.39E-07	6.29E-04	0.00E+00	5.56E-01	1.91E-09	5.56E-01	5.30E-01	6.29E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN263P	5.11E-04	5.00E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.39E-02	1.98E-08	2.15E-04	1.93E-03	0.00E+00	0.00E+00	8.10E-13	1.80E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-06	1.77E-03	7.60E-01	0.00E+00	7.36E-11	3.76E-09	4.60E-04	1.33E-06	9.65E-04	0.00E+00	7.60E-01	2.08E-09	7.60E-01	7.75E-01	9.65E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
NCN300	4.07E-04	6.56E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.69E-11	3.28E-09	5.73E-04	1.52E-06	1.15E-03	0.00E+00	8.69E-01	2.01E-09	8.69E-01	8.72E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN300N	2.34E-03	7.19E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.84E-02	3.13E-08	4.35E-04	5.13E-03	0.00E+00	0.00E+00	1.26E-12	2.69E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.10E-03	1.13E+00	0.00E+00	9.86E-11	1.06E-08	1.27E-03	1.56E-06	1.13E-03	0.00E+00	1.13E+00	2.93E-09	1.13E+00	1.12E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN301	4.06E-04	6.55E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.02E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.52E-06	1.15E-03	0.00E+00	8.69E-01	2.11E-09	8.69E-01	8.72E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN301A	3.99E-04	6.54E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.00E-04	2.23E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.20E-03	8.69E-01	0.00E+00	9.63E-11	3.22E-09	5.66E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.12E-09	8.69E-01	8.72E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN301N	2.34E-03	7.19E-02	0.00E+00	6.95E-02	0.00E+00	0.00E+00	4.84E-02	3.13E-08	4.35E-04	5.13E-03	0.00E+00	0.00E+00	1.26E-12	2.69E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.10E-03	1.13E+00	0.00E+00	9.86E-11	1.06E-08	1.27E-03	1.56E-06	1.13E-03	0.00E+00	1.13E+00	2.93E-09	1.13E+00	1.12E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN302	4.06E-04	6.55E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.13E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN302A	4.01E-04	6.56E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.21E-02	2.19E-08	2.02E-04	2.25E-03	0.00E+00	0.00E+00	1.11E-12	2.08E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.22E-03	8.68E-01	0.00E+00	9.72E-11	3.27E-09	5.70E-04	1.54E-06	1.16E-03	0.00E+00	8.68E-01	2.28E-09	8.68E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NCN302N	2.34E-03	7.19E-02	0.00E+00	6.95E-02	0.00E+00	0.00E+00	4.84E-02	3.13E-08	4.35E-04	5.13E-03	0.00E+00	0.00E+00	1.26E-12	2.69E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.10E-03	1.13E+00	0.00E+00	9.86E-11	1.06E-08	1.26E-03	1.56E-06	1.13E-03	0.00E+00	1.13E+00	2.94E-09	1.13E+00	1.12E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN303	4.06E-04	6.56E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.20E-02	2.00E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.07E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.22E-03	8.69E-01	0.00E+00	9.71E-11	3.28E-09	5.69E-04	1.53E-06	1.16E-03	0.00E+00	8.69E-01	2.09E-09	8.69E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN303A	3.99E-04	6.51E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.16E-02	1.92E-08	2.01E-04	2.22E-03	0.00E+00	0.00E+00	1.09E-12	2.05E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.17E-03	8.53E-01	0.00E+00	9.49E-11	3.22E-09	5.65E-04	1.52E-06	1.13E-03	0.00E+00	8.53E-01	2.12E-09	8.53E-01	8.56E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NCN303N	2.34E-03	7.21E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.86E-02	3.14E-08	4.36E-04	5.14E-03	0.00E+00	0.00E+00	1.26E-12	2.69E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.10E-03	1.13E+00	0.00E+00	9.86E-11	1.06E-08	1.27E-03	1.56E-06	1.13E-03	0.00E+00	1.13E+00	2.95E-09	1.13E+00	1.12E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN304	4.28E-04	6.52E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.15E-02	1.90E-08	2.04E-04	2.25E-03	0.00E+00	0.00E+00	1.10E-12	2.05E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.16E-03	8.53E-01	0.00E+00	9.51E-11	3.31E-09	5.71E-04	1.48E-06	1.11E-03	0.00E+00	8.53E-01	1.95E-09	8.53E-01	8.57E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NCN304A	4.00E-04	6.55E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.21E-02	1.94E-08	2.00E-04	2.23E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.70E-01	0.00E+00	9.62E-11	3.22E-09	5.66E-04	1.54E-06	1.15E-03	0.00E+00	8.70E-01	2.13E-09	8.70E-01	8.74E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NCN304N	2.34E-03	7.21E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.86E-02	3.14E-08	4.35E-04	5.13E-03	0.00E+00	0.00E+00	1.26E-12	2.69E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.10E-03	1.13E+00	0.00E+00	9.86E-11	1.06E-08	1.26E-03	1.56E-06	1.13E-03	0.00E+00	1.13E+00	2.95E-09	1.13E+00	1.12E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN306	4.28E-04	6.26E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.13E-02	2.45E-08	1.59E-04	1.82E-03	0.00E+00	0.00E+00	1.13E-12	2.31E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-06	2.33E-03	9.15E-01	0.00E+00	9.71E-11	2.90E-09	4.52E-04	1.64E-06	1.23E-03	0.00E+00	9.15E-01	2.66E-09	9.15E-01	9.13E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NCN306A	3.70E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.83E-02	2.19E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.05E-03	8.16E-01	0.00E+00	8.97E-11	3.01E-09	4.80E-04	1.46E-06	1.09E-03	0.00E+00	8.16E-01	2.30E-09	8.16E-01	8.17E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NCN306N	3.33E-03	8.07E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	4.92E-02	3.03E-08	7.29E-04	8.26E-03	0.00E+00	0.00E+00	1.38E-12	2.69E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.05E-03	1.10E+00	0.00E+00	9.74E-11	1.67E-08	2.11E-03	1.52E-06	1.10E-03	0.00E+00	1.10E+00	2.90E-09	1.10E+00	1.10E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04

NCN306P	4.23E-04	7.24E-02	0.00E+00	7.36E-02	0.00E+00	0.00E+00	4.62E-02	2.63E-08	2.21E-04	2.03E-03	0.00E+00	0.00E+00	1.20E-12	2.68E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	3.20E-03	1.06E+00	0.00E+00	1.05E-10	3.70E-09	5.24E-04	2.39E-06	1.82E-03	0.00E+00	1.06E+00	3.04E-09	1.06E+00	1.05E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NCN310	3.81E-04	6.05E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.05E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.20E-03	8.53E-01	0.00E+00	9.73E-11	3.08E-09	4.99E-04	1.53E-06	1.16E-03	0.00E+00	8.53E-01	2.42E-09	8.53E-01	8.55E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NCN310A	3.69E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
NCN310N	3.05E-03	9.29E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	4.92E-02	2.90E-08	7.23E-04	8.10E-03	0.00E+00	0.00E+00	1.39E-12	2.71E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.04E-03	1.10E+00	0.00E+00	9.67E-11	1.56E-08	2.03E-03	1.51E-06	1.10E-03	0.00E+00	1.10E+00	2.89E-09	1.10E+00	1.10E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NCN310P	4.42E-04	6.58E-02	0.00E+00	6.62E-02	0.00E+00	0.00E+00	4.11E-02	2.09E-08	2.22E-04	2.09E-03	0.00E+00	0.00E+00	1.08E-12	2.18E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.08E-03	8.27E-01	0.00E+00	9.24E-11	3.69E-09	5.16E-04	1.47E-06	1.06E-03	0.00E+00	8.27E-01	2.08E-09	8.27E-01	8.39E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NCN313	3.83E-04	6.05E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	3.97E-02	2.27E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.13E-03	8.45E-01	0.00E+00	9.28E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.45E-01	2.38E-09	8.45E-01	8.46E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NCN316	3.73E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NCN316A	3.76E-04	5.93E-02	0.00E+00	5.93E-02	0.00E+00	0.00E+00	3.89E-02	2.23E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.04E-12	2.02E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.08E-03	8.28E-01	0.00E+00	9.10E-11	3.06E-09	4.88E-04	1.48E-06	1.10E-03	0.00E+00	8.28E-01	2.34E-09	8.28E-01	8.29E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NCN316N	4.12E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.08E-02	4.07E-08	9.71E-04	1.06E-02	0.00E+00	0.00E+00	1.76E-12	3.93E-11	2.45E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-06	3.61E-03	1.50E+00	0.00E+00	1.54E-10	2.17E-08	2.74E-03	2.51E-06	1.92E-03	0.00E+00	1.50E+00	4.23E-09	1.50E+00	1.50E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
NCN316P	4.20E-04	7.04E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.36E-02	2.56E-08	2.26E-04	2.08E-03	0.00E+00	0.00E+00	1.16E-12	2.44E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06	2.50E-03	9.23E-01	0.00E+00	1.01E-10	3.74E-09	5.30E-04	1.68E-06	1.28E-03	0.00E+00	9.23E-01	2.73E-09	9.23E-01	9.36E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
NCN320	3.94E-04	6.22E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	4.07E-02	2.32E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-06	2.20E-03	8.72E-01	0.00E+00	9.82E-11	3.17E-09	5.08E-04	1.55E-06	1.17E-03	0.00E+00	8.72E-01	2.44E-09	8.72E-01	8.77E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NCN320A	3.89E-04	6.14E-02	0.00E+00	6.14E-02	0.00E+00	0.00E+00	4.03E-02	2.31E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.08E-12	2.09E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	2.16E-03	8.58E-01	0.00E+00	9.42E-11	3.17E-09	5.05E-04	1.54E-06	1.14E-03	0.00E+00	8.58E-01	2.42E-09	8.58E-01	8.59E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NCN320N	3.40E-03	9.65E-02	0.00E+00	9.26E-02	0.00E+00	0.00E+00	5.20E-02	3.82E-08	7.95E-04	8.72E-03	0.00E+00	0.00E+00	1.41E-12	2.97E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.27E-03	1.14E+00	0.00E+00	1.05E-10	1.77E-08	2.23E-03	1.69E-06	1.24E-03	0.00E+00	1.14E+00	3.49E-09	1.14E+00	1.12E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NCN320P	4.35E-04	7.17E-02	0.00E+00	7.26E-02	0.00E+00	0.00E+00	4.44E-02	2.66E-08	2.27E-04	2.08E-03	0.00E+00	0.00E+00	1.19E-12	2.47E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-06	2.54E-03	9.45E-01	0.00E+00	1.03E-10	3.83E-09	5.35E-04	1.71E-06	1.31E-03	0.00E+00	9.45E-01	2.82E-09	9.45E-01	9.55E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
NCN325	3.94E-04	6.24E-02	0.00E+00	6.27E-02	0.00E+00	0.00E+00	4.08E-02	2.33E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.09E-12	2.12E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.23E-03	8.77E-01	0.00E+00	9.89E-11	3.17E-09	5.08E-04	1.56E-06	1.18E-03	0.00E+00	8.77E-01	2.45E-09	8.77E-01	8.76E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NCN325A	4.11E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NCN325N	3.84E-03	1.06E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.56E-02	3.14E-08	8.80E-04	9.79E-03	0.00E+00	0.00E+00	1.47E-12	3.20E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	2.59E-03	1.21E+00	0.00E+00	1.22E-10	1.97E-08	2.49E-03	1.86E-06	1.39E-03	0.00E+00	1.21E+00	3.09E-09	1.21E+00	1.21E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
NCN325P	4.40E-04	7.19E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.40E-02	2.62E-08	2.31E-04	2.18E-03	0.00E+00	0.00E+00	1.19E-12	2.46E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.51E-03	9.41E-01	0.00E+00	1.02E-10	3.89E-09	5.34E-04	1.70E-06	1.29E-03	0.00E+00	9.41E-01	2.79E-09	9.41E-01	9.49E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NCN332	4.14E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.29E-03	9.12E-01	0.00E+00	1.00E-10	3.37E-09	5.37E-04	1.63E-06	1.22E-03	0.00E+00	9.12E-01	2.57E-09	9.12E-01	9.13E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NCN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NCN332N	4.17E-03	1.25E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	8.24E-02	5.13E-08	1.01E-03	1.10E-02	0.00E+00	0.00E+00	1.83E-12	4.52E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-05	6.04E-03	1.59E+00	0.00E+00	1.65E-10	2.23E-08	2.82E-03	4.56E-06	3.46E-03	0.00E+00	1.59E+00	5.14E-09	1.59E+00	1.60E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04
NCN332P	4.64E-04	7.38E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	4.56E-02	2.70E-08	2.35E-04	2.21E-03	0.00E+00	0.00E+00	1.24E-12	2.51E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-06	2.99E-03	9.54E-01	0.00E+00	1.05E-10	4.03E-09	5.43E-04	2.28E-06	1.71E-03	0.00E+00	9.54E-01	3.12E-09	9.54E-01	9.72E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
NCN340	4.14E-04	6.35E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.21E-02	1.92E-08	1.93E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.10E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.27E-03	8.84E-01	0.00E+00	9.95E-11	3.38E-09	5.40E-04	1.59E-06	1.17E-03	0.00E+00	8.84E-01	2.05E-09	8.84E-01	8.92E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NCN340A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NCN340N	4.41E-03	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	7.59E-02	4.37E-08	1.04E-03	1.14E-02	0.00E+00	0.00E+00	1.89E-12	4.21E-11	2.63E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-06	3.88E-03	1.61E+00	0.00E+00	1.65E-10	2.33E-08	2.94E-03	2.69E-06	2.05E-03	0.00E+00	1.61E+00	4.54E-09	1.61E+00	1.61E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-04
NCN340P	4.59E-04	7.53E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.36E-04	2.18E-03	0.00E+00	0.00E+00	1.31E-12	2.74E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	3.29E-03	1.12E+00	0.00E+00	1.14E-10	3.96E-09	5.56E-04	2.48E-06	1.88E-03	0.00E+00	1.12E+00	3.19E-09	1.12E+00	1.13E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NCN350	4.37E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.91E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.01E-10	3.40E-09	5.35E-04	1.56E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NCN350A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN350N	4.53E-03	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	7.79E-02	4.49E-08	1.07E-03	1.17E-02	0.00E+00	0.00E+00	1.94E-12	4.32E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	9.99E-06	3.98E-03	1.65E+00	0.00E+00	1.70E-10	2.39E-08	3.02E-03	2.77E-06	2.11E-03	0.00E+00	1.65E+00	4.66E-09	1.65E+00	1.65E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
NCN350P	4.67E-04	7.54E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	4.57E-02	2.79E-08	2.37E-04	2.24E-03	0.00E+00	0.00E+00	1.27E-12	2.53E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-06	2.59E-03	9.79E-01	0.00E+00	1.07E-10	4.09E-09	5.59E-04	1.80E-06	1.34E-03	0.00E+00	9.79E-01	2.97E-09	9.79E-01	9.96E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
NCN363	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN363A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN363N	4.56E-03	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	7.84E-02	4.51E-08	1.08E-03	1.18E-02	0.00E+00	0.00E+00	1.95E-12	4.35E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	4.00E-03	1.66E+00	0.00E+00	1.71E-10	2.40E-08	3.03E-03	2.78E-06	2.12E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-04
NCN363P	4.68E-04	7.65E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	4.88E-02	2.84E-08	2.37E-04	2.21E-03	0.00E+00	0.00E+00	1.31E-12	2.75E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-06	3.24E-03	1.11E+00	0.00E+00	1.15E-10	4.06E-09	5.53E-04	2.43E-06	1.82E-03	0.00E+00	1.11E+00	3.24E-09	1.11E+00	1.12E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NCN400	5.17E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.50E-08	2.63E-04	2.88E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.17E-10	4.29E-09	7.21E-04	1.74E-06	1.26E-03	0.00E+00	9.45E-01	2.61E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NCN400A	5.18E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.50E-08	2.63E-04	2.88E-03	0.00E+00	0.00E+00	1.33E-12	2.53E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-06	2.45E-03	9.46E-01	0.00E+00	1.15E-10	4.30E-09	7.22E-04	1.73E-06	1.27E-03	0.00E+00	9.46E-01	2.61E-09	9.46E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NCN400N	2.88E-03	8.92E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	7.22E-02	3.45E-08	5.77E-04	6.54E-03	0.00E+00	0.00E+00	1.50E-12	3.40E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	2.79E-03	1.40E+00	0.00E+00	1.34E-10	1.38E-08	1.66E-03	2.10E-06	1.50E-03	0.00E+00	1.40E+00	3.20E-09	1.40E+00	1.39E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN401	5.18E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.63E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.17E-10	4.28E-09	7.24E-04	1.74E-06	1.27E-03	0.00E+00	9.45E-01	2.77E-09	9.45E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NCN401N	2.88E-03	8.92E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	7.22E-02	3.45E-08	5.77E-04	6.54E-03	0.00E+00	0.00E+00	1.50E-12	3.40E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	2.79E-03	1.40E+00	0.00E+00	1.34E-10	1.38E-08	1.65E-03	2.10E-06	1.50E-03	0.00E+00	1.40E+00	3.20E-09	1.40E+00	1.39E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN402	5.16E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.51E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.46E-03	9.45E-01	0.00E+00	1.17E-10	4.30E-09	7.21E-04	1.74E-06	1.27E-03	0.00E+00	9.45E-01	2.64E-09	9.45E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NCN402A	5.17E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.51E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.33E-12	2.53E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-06	2.46E-03	9.46E-01	0.00E+00	1.15E-10	4.31E-09	7.22E-04	1.74E-06	1.27E-03	0.00E+00	9.46E-01	2.64E-09	9.46E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NCN402N	2.88E-03	8.92E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	7.22E-02	3.45E-08	5.77E-04	6.54E-03	0.00E+00	0.00E+00	1.50E-12	3.40E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	2.79E-03	1.40E+00	0.00E+00	1.34E-10	1.38E-08	1.66E-03	2.11E-06	1.50E-03	0.00E+00	1.40E+00	3.20E-09	1.40E+00	1.39E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN403	5.32E-04	7.73E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	4.92E-02	2.10E-08	2.55E-04	2.83E-03	0.00E+00	0.00E+00	1.32E-12	2.46E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.20E-09	7.00E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.14E-09	9.39E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NCN403A	5.17E-04	7.80E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.01E-02	2.64E-08	2.63E-04	2.92E-03	0.00E+00	0.00E+00	1.33E-12	2.52E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.45E-03	9.45E-01	0.00E+00	1.15E-10	4.29E-09	7.17E-04	1.75E-06	1.28E-03	0.00E+00	9.45E-01	2.79E-09	9.45E-01	9.55E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NCN403N	2.90E-03	8.91E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	7.22E-02	3.41E-08	5.77E-04	6.55E-03	0.00E+00	0.00E+00	1.50E-12	3.40E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	2.79E-03	1.40E+00	0.00E+00	1.34E-10	1.39E-08	1.66E-03	2.10E-06	1.50E-03	0.00E+00	1.40E+00	3.20E-09	1.40E+00	1.39E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN404	5.16E-04	7.86E-02	0.00E+00	7.89E-02	0.00E+00	0.00E+00	5.02E-02	2.52E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.33E-12	2.54E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-06	2.46E-03	9.46E-01	0.00E+00	1.16E-10	4.28E-09	7.21E-04	1.74E-06	1.27E-03	0.00E+00	9.46E-01	2.65E-09	9.46E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NCN404A	5.17E-04	7.85E-02	0.00E+00	7.88E-02	0.00E+00	0.00E+00	5.01E-02	2.20E-08	2.54E-04	2.83E-03	0.00E+00	0.00E+00	1.33E-12	2.51E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.45E-03	9.47E-01	0.00E+00	1.14E-10	4.21E-09	7.02E-04	1.73E-06	1.26E-03	0.00E+00	9.47E-01	2.28E-09	9.47E-01	9.56E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
NCN404N	2.90E-03	8.92E-02	0.00E+00	8.49E-02	0.00E+00	0.00E+00	7.22E-02	3.41E-08	5.77E-04	6.55E-03	0.00E+00	0.00E+00	1.51E-12	3.40E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	2.79E-03	1.40E+00	0.00E+00	1.34E-10	1.39E-08	1.66E-03	2.11E-06	1.50E-03	0.00E+00	1.40E+00	3.20E-09	1.40E+00	1.39E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN406	5.06E-04	7.34E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.81E-02	2.60E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.31E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.57E-04	1.73E-06	1.27E-03	0.00E+00	9.34E-01	2.76E-09	9.34E-01	9.45E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NCN406A	5.34E-04	8.18E-02	0.00E+00	8.20E-02	0.00E+00	0.00E+00	5.42E-02	3.17E-08	2.22E-04	2.61E-03	0.00E+00	0.00E+00	1.44E-12	2.95E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-06	3.39E-03	1.21E+00	0.00E+00	1.23E-10	4.12E-09	6.49E-04	2.58E-06	1.94E-03	0.00E+00	1.21E+00	3.54E-09	1.21E+00	1.22E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN406N	3.83E-03	9.56E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	7.18E-02	3.37E-08	8.70E-04	9.62E-03	0.00E+00	0.00E+00	1.57E-12	3.38E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	2.77E-03	1.37E+00	0.00E+00	1.33E-10	1.95E-08	2.46E-03	2.02E-06	1.48E-03	0.00E+00	1.37E+00	3.20E-09	1.37E+00	1.36E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
NCN406P	5.65E-04	8.71E-02	0.00E+00	8.88E-02	0.00E+00	0.00E+00	5.84E-02	3.21E-08	2.81E-04	2.83E-03	0.00E+00	0.00E+00	1.49E-12	3.39E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.80E-03	1.36E+00	0.00E+00	1.34E-10	4.68E-09	7.15E-04	2.77E-06	2.08E-03	0.00E+00	1.36E+00	3.87E-09	1.36E+00	1.36E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NCN410	5.03E-04	7.65E-02	0.00E+00	7.67E-02	0.00E+00	0.00E+00	5.05E-02	2.97E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.60E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.65E-03	1.03E+00	0.00E+00	1.23E-10	4.16E-09	6.50E-04	1.90E-06	1.42E-03	0.00E+00	1.03E+00	3.05E-09	1.03E+00	1.04E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NCN410A	4.89E-04	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	5.06E-02	2.90E-08	2.29E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-06	2.71E-03	1.08E+00	0.00E+00	1.18E-10	3.98E-09	6.34E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
NCN410N	3.85E-03	1.11E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	7.18E-02	3.29E-08	8.92E-04	9.98E-03	0.00E+00	0.00E+00	1.58E-12	3.42E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	2.78E-03	1.37E+00	0.00E+00	1.34E-10	1.98E-08	2.51E-03	1.99E-06	1.48E-03	0.00E+00	1.37E+00	3.20E-09	1.37E+00	1.36E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NCN410P	5.70E-04	8.08E-02	0.00E+00	8.08E-02	0.00E+00	0.00E+00	5.20E-02	3.01E-08	2.88E-04	2.86E-03	0.00E+00	0.00E+00	1.40E-12	2.74E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-06	3.21E-03	1.06E+00	0.00E+00	1.23E-10	4.86E-09	7.20E-04	2.49E-06	1.88E-03	0.00E+00	1.06E+00	3.50E-09	1.06E+00	1.08E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN413	5.09E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.26E-02	3.01E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.14E-09	6.60E-04	2.01E-06	1.50E-03	0.00E+00	1.12E+00	3.16E-09	1.12E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN416	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NCN416A	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NCN416N	3.89E-03	1.12E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.18E-02	3.28E-08	9.02E-04	9.99E-03	0.00E+00	0.00E+00	1.58E-12	3.43E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-06	2.79E-03	1.38E+00	0.00E+00	1.35E-10	2.00E-08	2.55E-03	2.00E-06	1.48E-03	0.00E+00	1.38E+00	3.20E-09	1.38E+00	1.36E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
NCN416P	5.71E-04	8.16E-02	0.00E+00	8.14E-02	0.00E+00	0.00E+00	5.21E-02	3.04E-08	2.93E-04	2.88E-03	0.00E+00	0.00E+00	1.42E-12	2.78E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.85E-03	1.08E+00	0.00E+00	1.24E-10	4.88E-09	7.30E-04	1.99E-06	1.50E-03	0.00E+00	1.08E+00	3.35E-09	1.08E+00	1.09E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN420	5.12E-04	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.29E-02	3.03E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.42E-12	2.75E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.84E-03	1.13E+00	0.00E+00	1.24E-10	4.16E-09	6.64E-04	2.02E-06	1.50E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN420A	5.17E-04	8.15E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	5.35E-02	3.06E-08	2.42E-04	2.66E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.20E-09	6.70E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NCN420N	3.92E-03	1.13E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.28E-02	3.30E-08	9.10E-04	1.01E-02	0.00E+00	0.00E+00	1.59E-12	3.45E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	2.81E-03	1.39E+00	0.00E+00	1.39E-10	2.03E-08	2.57E-03	2.02E-06	1.49E-03	0.00E+00	1.39E+00	3.21E-09	1.39E+00	1.37E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
NCN420P	5.75E-04	8.31E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.27E-02	3.05E-08	2.96E-04	2.92E-03	0.00E+00	0.00E+00	1.43E-12	2.82E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-06	2.88E-03	1.11E+00	0.00E+00	1.24E-10	4.92E-09	7.37E-04	2.02E-06	1.52E-03	0.00E+00	1.11E+00	3.36E-09	1.11E+00	1.12E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN425	5.12E-04	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.29E-02	3.03E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.42E-12	2.75E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.84E-03	1.13E+00	0.00E+00	1.24E-10	4.16E-09	6.64E-04	2.02E-06	1.50E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN425A	5.17E-04	8.15E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	5.35E-02	3.06E-08	2.42E-04	2.66E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.20E-09	6.70E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NCN425N	3.98E-03	1.17E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.28E-02	3.29E-08	9.22E-04	1.02E-02	0.00E+00	0.00E+00	1.66E-12	3.50E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	2.83E-03	1.40E+00	0.00E+00	1.41E-10	2.06E-08	2.59E-03	2.03E-06	1.50E-03	0.00E+00	1.40E+00	3.22E-09	1.40E+00	1.38E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
NCN425P	5.69E-04	8.32E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.28E-02	3.06E-08	2.92E-04	2.97E-03	0.00E+00	0.00E+00	1.45E-12	2.82E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-06	3.21E-03	1.12E+00	0.00E+00	1.25E-10	4.99E-09	7.25E-04	2.47E-06	1.85E-03	0.00E+00	1.12E+00	3.60E-09	1.12E+00	1.13E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NCN432	5.51E-04	8.69E-02	0.00E+00	8.69E-02	0.00E+00	0.00E+00	5.70E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.15E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NCN432A	5.51E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NCN432N	4.06E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.38E-02	3.41E-08	9.51E-04	1.05E-02	0.00E+00	0.00E+00	1.64E-12	3.54E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	2.88E-03	1.42E+00	0.00E+00	1.44E-10	2.14E-08	2.68E-03	2.10E-06	1.53E-03	0.00E+00	1.42E+00	3.23E-09	1.42E+00	1.41E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
NCN432P	5.72E-04	9.06E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.02E-02	3.28E-08	2.94E-04	3.01E-03	0.00E+00	0.00E+00	1.54E-12	3.44E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.79E-03	1.39E+00	0.00E+00	1.38E-10	4.95E-09	7.27E-04	2.74E-06	2.04E-03	0.00E+00	1.39E+00	3.92E-09	1.39E+00	1.39E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
NCN440	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NCN440A	5.58E-04	8.80E-02	0.00E+00	8.80E-02	0.00E+00	0.00E+00	5.77E-02	3.31E-08	2.62E-04	2.87E-03	0.00E+00	0.00E+00	1.55E-12	3.00E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.09E-03	1.23E+00	0.00E+00	1.35E-10	4.54E-09	7.24E-04	2.20E-06	1.64E-03	0.00E+00	1.23E+00	3.47E-09	1.23E+00	1.23E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
NCN440N	4.05E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.40E-02	3.43E-08	9.46E-04	1.05E-02	0.00E+00	0.00E+00	1.65E-12	3.56E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-06	2.88E-03	1.43E+00	0.00E+00	1.44E-10	2.13E-08	2.68E-03	2.11E-06	1.54E-03	0.00E+00	1.43E+00	3.23E-09	1.43E+00	1.42E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-04
NCN440P	5.67E-04	9.08E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.02E-02	3.28E-08	2.88E-04	2.83E-03	0.00E+00	0.00E+00	1.56E-12	3.46E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	8.23E-06	3.82E-03	1.41E+00	0.00E+00	1.39E-10	4.74E-09	7.17E-04	2.82E-06	2.11E-03	0.00E+00	1.41E+00	3.93E-09	1.41E+00	1.41E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
NCN450	5.63E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.12E-03	1.24E+00	0.00E+00	1.36E-10	4.58E-09	7.30E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN450A	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN450N	4.04E-03	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.43E-02	3.49E-08	9.33E-04	1.05E-02	0.00E+00	0.00E+00	1.62E-12	3.56E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-06	2.88E-03	1.44E+00	0.00E+00	1.44E-10	2.11E-08	2.60E-03	2.12E-06	1.55E-03	0.00E+00	1.44E+00	3.30E-09	1.44E+00	1.42E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NCN450P	5.74E-04	9.20E-02	0.00E+00	9.37E-02	0.00E+00	0.00E+00	6.04E-02	3.30E-08	2.95E-04	3.01E-03	0.00E+00	0.00E+00	1.56E-12	3.46E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-06	3.79E-03	1.41E+00	0.00E+00	1.40E-10	4.97E-09	7.30E-04	2.76E-06	2.05E-03	0.00E+00	1.41E+00	3.95E-09	1.41E+00	1.42E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
NCN463	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN463A	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN463N	4.06E-03	1.16E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.43E-02	3.49E-08	9.41E-04	1.05E-02	0.00E+00	0.00E+00	1.62E-12	3.57E-11	2.40E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-06	2.88E-03	1.44E+00	0.00E+00	1.44E-10	2.12E-08	2.62E-03	2.12E-06	1.55E-03	0.00E+00	1.44E+00	3.30E-09	1.44E+00	1.42E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
NCN463P	6.09E-04	9.25E-02	0.00E+00	9.39E-02	0.00E+00	0.00E+00	6.08E-02	3.33E-08	3.04E-04	3.04E-03	0.00E+00	0.00E+00	1.57E-12	3.47E-11	2.14E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.79E-03	1.42E+00	0.00E+00	1.41E-10	5.18E-09	7.59E-04	2.75E-06	2.05E-03	0.00E+00	1.42E+00	3.97E-09	1.42E+00	1.42E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04

NCN506	4.52E-04	3.65E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.70E-02	1.28E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.12E-13	1.16E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.04E-03	4.95E-01	0.00E+00	6.04E-11	3.03E-09	4.50E-04	7.37E-07	5.49E-04	0.00E+00	4.95E-01	1.25E-09	4.95E-01	4.81E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NCN506A	3.74E-04	3.95E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.85E-02	1.77E-08	1.27E-04	1.41E-03	0.00E+00	0.00E+00	6.93E-13	1.48E-11	9.88E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.46E-03	5.57E-01	0.00E+00	6.18E-11	2.29E-09	3.57E-04	1.07E-06	8.02E-04	0.00E+00	5.57E-01	1.90E-09	5.57E-01	5.58E-01	8.02E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NCN510	3.81E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.98E-02	1.61E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.46E-03	5.68E-01	0.00E+00	6.68E-11	2.64E-09	4.11E-04	1.04E-06	7.72E-04	0.00E+00	5.68E-01	1.72E-09	5.68E-01	5.67E-01	7.72E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN510A	3.80E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.96E-02	1.57E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.44E-03	5.67E-01	0.00E+00	6.66E-11	2.64E-09	4.16E-04	1.03E-06	7.57E-04	0.00E+00	5.67E-01	1.66E-09	5.67E-01	5.67E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN513	2.55E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.64E-02	1.51E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	7.09E-13	1.37E-11	9.82E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	1.42E-03	5.63E-01	0.00E+00	6.18E-11	2.08E-09	3.31E-04	1.01E-06	7.51E-04	0.00E+00	5.63E-01	1.59E-09	5.63E-01	5.63E-01	7.51E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NCN513A	3.81E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.95E-02	1.59E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.45E-03	5.67E-01	0.00E+00	6.67E-11	2.65E-09	4.16E-04	1.04E-06	7.60E-04	0.00E+00	5.67E-01	1.68E-09	5.67E-01	5.67E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NCN516	3.81E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.97E-02	1.59E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.45E-03	5.67E-01	0.00E+00	6.64E-11	2.64E-09	4.15E-04	1.04E-06	7.58E-04	0.00E+00	5.67E-01	1.67E-09	5.67E-01	5.67E-01	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN516A	3.81E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.97E-02	1.59E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.45E-03	5.67E-01	0.00E+00	6.64E-11	2.64E-09	4.15E-04	1.04E-06	7.58E-04	0.00E+00	5.67E-01	1.67E-09	5.67E-01	5.67E-01	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN520	3.86E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	3.02E-02	1.64E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.49E-03	5.88E-01	0.00E+00	6.74E-11	2.69E-09	4.21E-04	1.07E-06	7.78E-04	0.00E+00	5.88E-01	1.71E-09	5.88E-01	5.90E-01	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NCN520A	3.86E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.02E-02	1.65E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.49E-03	5.88E-01	0.00E+00	6.74E-11	2.70E-09	4.21E-04	1.07E-06	7.76E-04	0.00E+00	5.88E-01	1.71E-09	5.88E-01	5.90E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NCN525	3.86E-04	3.93E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	3.02E-02	1.55E-08	1.56E-04	1.70E-03	0.00E+00	0.00E+00	7.26E-13	1.40E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.46E-03	5.71E-01	0.00E+00	6.44E-11	2.74E-09	4.30E-04	1.04E-06	7.74E-04	0.00E+00	5.71E-01	1.60E-09	5.71E-01	5.74E-01	7.74E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NCN525A	3.86E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.35E-13	1.42E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.50E-03	5.88E-01	0.00E+00	6.79E-11	2.70E-09	4.22E-04	1.07E-06	7.88E-04	0.00E+00	5.88E-01	1.72E-09	5.88E-01	5.90E-01	7.88E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NCN532	3.95E-04	4.48E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.04E-02	1.84E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.74E-13	1.60E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.61E-03	6.17E-01	0.00E+00	6.62E-11	2.49E-09	3.82E-04	1.18E-06	8.90E-04	0.00E+00	6.17E-01	1.97E-09	6.17E-01	6.16E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN532A	4.65E-04	3.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.84E-02	1.34E-08	1.69E-04	1.90E-03	0.00E+00	0.00E+00	6.43E-13	1.21E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.05E-03	5.17E-01	0.00E+00	6.38E-11	3.12E-09	4.64E-04	7.39E-07	5.53E-04	0.00E+00	5.17E-01	1.31E-09	5.17E-01	5.05E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN540	4.42E-04	4.00E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.83E-02	1.34E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.43E-13	1.21E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.17E-01	0.00E+00	6.35E-11	3.00E-09	4.48E-04	7.41E-07	5.57E-04	0.00E+00	5.17E-01	1.31E-09	5.17E-01	5.06E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN540A	4.41E-04	3.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.83E-02	1.34E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.40E-13	1.21E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.16E-01	0.00E+00	6.34E-11	3.00E-09	4.48E-04	7.41E-07	5.56E-04	0.00E+00	5.16E-01	1.31E-09	5.16E-01	5.05E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NCN550	4.44E-04	4.05E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.66E-13	1.23E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.22E-01	0.00E+00	6.39E-11	3.03E-09	4.53E-04	7.46E-07	5.62E-04	0.00E+00	5.22E-01	1.31E-09	5.22E-01	5.08E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN550A	4.41E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.63E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.06E-03	5.20E-01	0.00E+00	6.39E-11	3.00E-09	4.46E-04	7.45E-07	5.64E-04	0.00E+00	5.20E-01	1.31E-09	5.20E-01	5.08E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN563	4.65E-04	4.07E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.68E-04	1.90E-03	0.00E+00	0.00E+00	6.66E-13	1.23E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.06E-03	5.22E-01	0.00E+00	6.40E-11	3.12E-09	4.62E-04	7.46E-07	5.68E-04	0.00E+00	5.22E-01	1.32E-09	5.22E-01	5.09E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NCN563A	4.42E-04	4.07E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.65E-04	1.85E-03	0.00E+00	0.00E+00	6.67E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.06E-03	5.22E-01	0.00E+00	6.40E-11	3.01E-09	4.47E-04	7.47E-07	5.70E-04	0.00E+00	5.22E-01	1.32E-09	5.22E-01	5.09E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NCN606	5.08E-04	7.35E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.82E-02	2.60E-08	2.36E-04	2.64E-03	0.00E+00	0.00E+00	1.32E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.23E-09	6.55E-04	1.73E-06	1.27E-03	0.00E+00	9.34E-01	2.76E-09	9.34E-01	9.45E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
NCN610	5.06E-04	7.66E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	5.01E-02	2.98E-08	2.36E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.60E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.65E-03	1.04E+00	0.00E+00	1.23E-10	4.18E-09	6.53E-04	1.88E-06	1.42E-03	0.00E+00	1.04E+00	3.05E-09	1.04E+00	1.05E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NCN613	4.94E-04	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.11E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NCN616	5.09E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.26E-02	3.02E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.14E-09	6.60E-04	2.01E-06	1.50E-03	0.00E+00	1.12E+00	3.16E-09	1.12E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN620	5.31E-04	8.38E-02	0.00E+00	8.38E-02	0.00E+00	0.00E+00	5.49E-02	3.15E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-06	2.94E-03	1.17E+00	0.00E+00	1.29E-10	4.32E-09	6.89E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NCN625	5.15E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.86E-03	1.13E+00	0.00E+00	1.25E-10	4.19E-09	6.68E-04	2.03E-06	1.51E-03	0.00E+00	1.13E+00	3.20E-09	1.13E+00	1.14E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NCN632	5.50E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.95E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.47E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NCN640	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NCN650	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN663	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
ND106P	3.14E-04	2.09E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.35E-02	9.00E-09	7.82E-05	9.92E-04	0.00E+00	0.00E+00	3.54E-13	7.68E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.16E-04	3.01E-01	0.00E+00	3.17E-11	1.99E-09	2.42E-04	5.13E-07	3.80E-04	0.00E+00	3.01E-01	9.29E-10	3.01E-01	3.07E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05
ND110P	3.25E-04	2.26E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.48E-02	9.50E-09	8.83E-05	1.10E-03	0.00E+00	0.00E+00	3.66E-13	8.09E-12	5.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.65E-04	3.14E-01	0.00E+00	3.36E-11	2.07E-09	2.66E-04	5.48E-07	4.07E-04	0.00E+00	3.14E-01	9.98E-10	3.14E-01	3.18E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
ND116P	3.19E-04	2.10E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.36E-02	8.95E-09	7.73E-05	9.83E-04	0.00E+00	0.00E+00	3.55E-13	7.68E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.18E-04	3.01E-01	0.00E+00	3.18E-11	1.99E-09	2.42E-04	5.14E-07	3.81E-04	0.00E+00	3.01E-01	9.30E-10	3.01E-01	3.08E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
ND120P	3.32E-04	2.30E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.51E-02	9.63E-09	8.94E-05	1.12E-03	0.00E+00	0.00E+00	3.95E-13	8.43E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.20E-01	0.00E+00	3.43E-11	2.08E-09	2.67E-04	5.61E-07	4.17E-04	0.00E+00	3.20E-01	1.01E-09	3.20E-01	3.25E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
ND125P	3.32E-04	2.30E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.51E-02	9.70E-09	8.92E-05	1.10E-03	0.00E+00	0.00E+00	3.95E-13	8.45E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.20E-01	0.00E+00	3.43E-11	2.04E-09	2.64E-04	5.61E-07	4.17E-04	0.00E+00	3.20E-01	1.02E-09	3.20E-01	3.25E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
ND132P	3.34E-04	2.30E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.51E-02	9.71E-09	8.98E-05	1.10E-03	0.00E+00	0.00E+00	3.95E-13	8.46E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.86E-04	3.21E-01	0.00E+00	3.45E-11	2.06E-09	2.65E-04	5.61E-07	4.17E-04	0.00E+00	3.21E-01	1.02E-09	3.21E-01	3.25E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05
ND140P	3.20E-04	2.10E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.36E-02	9.03E-09	7.70E-05	9.71E-04	0.00E+00	0.00E+00	3.55E-13	7.72E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.18E-04	3.01E-01	0.00E+00	3.18E-11	1.95E-09	2.39E-04	5.15E-07	3.81E-04	0.00E+00	3.01E-01	9.35E-10	3.01E-01	3.08E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
ND150P	3.20E-04	2.10E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.36E-02	1.08E-08	7.69E-05	9.69E-04	0.00E+00	0.00E+00	3.55E-13	7.74E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.19E-04	3.01E-01	0.00E+00	3.18E-11	1.94E-09	2.40E-04	5.14E-07	3.85E-04	0.00E+00	3.01E-01	1.05E-09	3.01E-01	3.08E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-05
ND163P	3.27E-04	2.10E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.36E-02	1.08E-08	7.78E-05	9.80E-04	0.00E+00	0.00E+00	3.55E-13	7.73E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.19E-04	3.02E-01	0.00E+00	3.18E-11	1.95E-09	2.40E-04	5.15E-07	3.85E-04	0.00E+00	3.02E-01	1.05E-09	3.02E-01	3.09E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-05
ND206P	5.07E-04	4.42E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.10E-02	1.67E-08	1.96E-04	1.85E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.55E-03	6.22E-01	0.00E+00	6.73E-11	3.48E-09	4.28E-04	1.13E-06	8.28E-04	0.00E+00	6.22E-01	1.75E-09	6.22E-01	6.27E-01	8.28E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
ND216P	5.07E-04	4.38E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	3.09E-02	1.67E-08	1.99E-04	1.85E-03	0.00E+00	0.00E+00	7.71E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.17E-01	0.00E+00	6.70E-11	3.47E-09	4.26E-04	1.12E-06	8.24E-04	0.00E+00	6.17E-01	1.74E-09	6.17E-01	6.22E-01	8.24E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
ND220P	5.07E-04	4.41E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.11E-02	1.67E-08	1.98E-04	1.84E-03	0.00E+00	0.00E+00	7.85E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.56E-03	6.23E-01	0.00E+00	6.74E-11	3.49E-09	4.24E-04	1.14E-06	8.29E-04	0.00E+00	6.23E-01	1.73E-09	6.23E-01	6.28E-01	8.29E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
ND225P	5.09E-04	4.40E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.13E-02	1.66E-08	2.01E-04	1.85E-03	0.00E+00	0.00E+00	7.85E-13	1.51E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.56E-03	6.24E-01	0.00E+00	6.75E-11	3.52E-09	4.23E-04	1.13E-06	8.26E-04	0.00E+00	6.24E-01	1.73E-09	6.24E-01	6.29E-01	8.26E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
ND232P	5.09E-04	4.40E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.14E-02	1.68E-08	2.01E-04	1.85E-03	0.00E+00	0.00E+00	7.87E-13	1.51E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.60E-03	6.23E-01	0.00E+00	6.84E-11	3.52E-09	4.24E-04	1.16E-06	8.48E-04	0.00E+00	6.23E-01	1.75E-09	6.23E-01	6.29E-01	8.48E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
ND240P	5.08E-04	4.42E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	3.15E-02	1.64E-08	2.01E-04	1.85E-03	0.00E+00	0.00E+00	7.92E-13	1.51E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.57E-03	6.26E-01	0.00E+00	6.79E-11	3.52E-09	4.24E-04	1.14E-06	8.25E-04	0.00E+00	6.26E-01	1.73E-09	6.26E-01	6.32E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
ND250P	5.10E-04	4.46E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.19E-02	1.71E-08	2.06E-04	1.88E-03	0.00E+00	0.00E+00	7.94E-13	1.53E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.61E-03	6.29E-01	0.00E+00	6.92E-11	3.52E-09	4.32E-04	1.18E-06	8.67E-04	0.00E+00	6.29E-01	1.77E-09	6.29E-01	6.34E-01	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
ND263P	5.11E-04	4.48E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	3.19E-02	1.74E-08	2.06E-04	1.87E-03	0.00E+00	0.00E+00	7.97E-13	1.53E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.63E-03	6.29E-01	0.00E+00	6.92E-11	3.52E-09	4.31E-04	1.23E-06	8.90E-04	0.00E+00	6.29E-01	1.78E-09	6.29E-01	6.34E-01	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
ND306P	4.41E-04	6.51E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.30E-02	2.55E-08	2.10E-04	2.09E-03	0.00E+00	0.00E+00	1.18E-12	2.42E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.38E-03	9.31E-01	0.00E+00	1.01E-10	3.59E-09	4.97E-04	1.66E-06	1.24E-03	0.00E+00	9.31E-01	2.72E-09	9.31E-01	9.39E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
ND310P	4.48E-04	6.56E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.33E-02	2.58E-08	2.16E-04	2.13E-03	0.00E+00	0.00E+00	1.19E-12	2.42E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.40E-03	9.35E-01	0.00E+00	1.02E-10	3.63E-09	5.03E-04	1.67E-06	1.26E-03	0.00E+00	9.35E-01	2.73E-09	9.35E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
ND316P	4.51E-04	6.61E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.37E-02	2.60E-08	2.17E-04	2.13E-03	0.00E+00	0.00E+00	1.20E-12	2.43E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.40E-03	9.40E-01	0.00E+00	1.02E-10	3.66E-09	5.05E-04	1.67E-06	1.25E-03	0.00E+00	9.40E-01	2.75E-09	9.40E-01	9.55E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND320P	4.69E-04	6.77E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	4.48E-02	2.68E-08	2.22E-04	2.18E-03	0.00E+00	0.00E+00	1.23E-12	2.48E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-06	2.43E-03	9.47E-01	0.00E+00	1.05E-10	3.81E-09	5.26E-04	1.70E-06	1.27E-03	0.00E+00	9.47E-01	2.81E-09	9.47E-01	9.63E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
ND325P	4.68E-04	6.77E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	4.49E-02	2.68E-08	2.26E-04	2.20E-03	0.00E+00	0.00E+00	1.24E-12	2.47E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-06	2.44E-03	9.52E-01	0.00E+00	1.04E-10	3.79E-09	5.29E-04	1.71E-06	1.28E-03	0.00E+00	9.52E-01	2.81E-09	9.52E-01	9.65E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
ND332P	4.70E-04	6.80E-02	0.00E+00	6.87E-02	0.00E+00	0.00E+00	4.51E-02	2.68E-08	2.26E-04	2.20E-03	0.00E+00	0.00E+00	1.24E-12	2.48E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.45E-03	9.53E-01	0.00E+00	1.04E-10	3.81E-09	5.30E-04	1.74E-06	1.29E-03	0.00E+00	9.53E-01	2.81E-09	9.53E-01	9.71E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
ND340P	4.69E-04	6.80E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	4.52E-02	2.68E-08	2.27E-04	2.21E-03	0.00E+00	0.00E+00	1.24E-12	2.48E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.44E-03	9.55E-01	0.00E+00	1.05E-10	3.81E-09	5.31E-04	1.72E-06	1.28E-03	0.00E+00	9.55E-01	2.82E-09	9.55E-01	9.68E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
ND350P	4.70E-04	6.86E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.54E-02	2.72E-08	2.26E-04	2.20E-03	0.00E+00	0.00E+00	1.28E-12	2.52E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-06	2.46E-03	9.63E-01	0.00E+00	1.07E-10	3.81E-09	5.27E-04	1.76E-06	1.29E-03	0.00E+00	9.63E-01	2.86E-09	9.63E-01	9.84E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
ND363P	4.72E-04	6.88E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.62E-02	2.72E-08	2.26E-04	2.20E-03	0.00E+00	0.00E+00	1.30E-12	2.54E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.50E-03	9.77E-01	0.00E+00	1.11E-10	3.80E-09	5.29E-04	1.81E-06	1.32E-03	0.00E+00	9.77E-01	2.90E-09	9.77E-01	9.96E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
ND410P	5.66E-04	3.30E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.09E-02	1.33E-08	2.09E-04	2.08E-03	0.00E+00	0.00E+00	4.96E-13	1.06E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	1.24E-03	4.22E-01	0.00E+00	4.11E-11	3.79E-09	4.97E-04	8.94E-07	6.80E-04	0.00E+00	4.22E-01	1.46E-09	4.22E-01	4.25E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
ND416P	5.32E-04	8.32E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.37E-02	3.07E-08	2.67E-04	2.72E-03	0.00E+00	0.00E+00	1.45E-12	2.85E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-06	2.85E-03	1.14E+00	0.00E+00	1.25E-10	4.48E-09	6.52E-04	2.03E-06	1.51E-03	0.00E+00	1.14E+00	3.35E-09	1.14E+00	1.14E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
ND420P	5.67E-04	3.33E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.09E-02	1.33E-08	2.11E-04	2.08E-03	0.00E+00	0.00E+00	4.96E-13	1.07E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	1.24E-03	4.22E-01	0.00E+00	4.11E-11	3.79E-09	5.03E-04	8.99E-07	6.82E-04	0.00E+00	4.22E-01	1.46E-09	4.22E-01	4.25E-01	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
ND425P	5.29E-04	8.46E-02	0.00E+00	8.50E-02	0.00E+00	0.00E+00	5.46E-02	3.11E-08	2.67E-04	2.72E-03	0.00E+00	0.00E+00	1.48E-12	2.89E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-06	2.92E-03	1.16E+00	0.00E+00	1.29E-10	4.50E-09	6.47E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.40E-09	1.16E+00	1.17E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
ND432P	5.67E-04	3.33E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.09E-02	1.33E-08	2.11E-04	2.08E-03	0.00E+00	0.00E+00	4.96E-13	1.07E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	1.27E-03	4.23E-01	0.00E+00	4.11E-11	3.79E-09	5.02E-04	9.07E-07	6.95E-04	0.00E+00	4.23E-01	1.46E-09	4.23E-01	4.25E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
ND440P	5.30E-04	8.59E-02	0.00E+00	8.64E-02	0.00E+00	0.00E+00	5.49E-02	3.14E-08	2.68E-04	2.73E-03	0.00E+00	0.00E+00	1.49E-12	2.91E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-06	2.94E-03	1.17E+00	0.00E+00	1.30E-10	4.51E-09	6.50E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.42E-09	1.17E+00	1.18E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
ND450P	5.32E-04	8.62E-02	0.00E+00	8.66E-02	0.00E+00	0.00E+00	5.52E-02	3.14E-08	2.69E-04	2.73E-03	0.00E+00	0.00E+00	1.50E-12	2.92E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-06	2.95E-03	1.18E+00	0.00E+00	1.31E-10	4.53E-09	6.54E-04	2.11E-06	1.57E-03	0.00E+00	1.18E+00	3.43E-09	1.18E+00	1.19E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
ND463P	5.67E-04	3.33E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.09E-02	1.33E-08	2.11E-04	2.08E-03	0.00E+00	0.00E+00	4.96E-13	1.07E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	1.27E-03	4.23E-01	0.00E+00	4.11E-11	3.79E-09	5.02E-04	9.07E-07	6.95E-04	0.00E+00	4.23E-01	1.46E-09	4.23E-01	4.25E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
NDN002	4.67E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.17E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	7.29E-04	2.88E-01	0.00E+00	4.56E-11	2.74E-09	3.44E-04	5.29E-07	3.94E-04	0.00E+00	2.88E-01	1.31E-09	2.88E-01	2.87E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
NDN003	4.49E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.27E-04	2.87E-01	0.00E+00	4.49E-11	2.67E-09	3.38E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN004	4.67E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.27E-04	2.86E-01	0.00E+00	4.50E-11	2.74E-09	3.43E-04	5.28E-07	3.92E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.86E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN006	4.66E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.48E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.99E-04	2.79E-01	0.00E+00	3.04E-11	2.72E-09	3.41E-04	5.02E-07	3.70E-04	0.00E+00	2.79E-01	7.82E-10	2.79E-01	2.80E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NDN010	4.65E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.53E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.51E-13	6.86E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.01E-04	2.80E-01	0.00E+00	3.08E-11	2.72E-09	3.41E-04	5.04E-07	3.73E-04	0.00E+00	2.80E-01	7.87E-10	2.80E-01	2.80E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NDN013	4.66E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.55E-09	1.25E-04	1.34E-03	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.04E-04	2.81E-01	0.00E+00	3.09E-11	2.72E-09	3.42E-04	5.06E-07	3.73E-04	0.00E+00	2.81E-01	7.89E-10	2.81E-01	2.82E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
NDN016	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NDN020	1.32E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.16E-05	6.76E-04	0.00E+00	0.00E+00	3.65E-13	7.06E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.29E-04	2.90E-01	0.00E+00	3.18E-11	1.07E-09	1.71E-04	5.19E-07	3.87E-04	0.00E+00	2.90E-01	8.17E-10	2.90E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
NDN025	1.36E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.08E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.33E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.56E-04	3.01E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.39E-07	4.01E-04	0.00E+00	3.01E-01	8.48E-10	3.01E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
NDN032	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.84E-13	7.42E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.67E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.07E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NDN040	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.30E-09	6.57E-05	7.20E-04	0.00E+00	0.00E+00	3.89E-13	7.52E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.77E-04	3.09E-01	0.00E+00	3.39E-11	1.14E-09	1.82E-04	5.53E-07	4.12E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
NDN050	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.31E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.83E-13	7.46E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.65E-04	3.04E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.44E-07	4.06E-04	0.00E+00	3.04E-01	8.72E-10	3.04E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05
NDN063	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.03E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.27E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
NDN100	4.67E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.14E-02	1.32E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.47E-13	6.78E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.18E-04	2.82E-01	0.00E+00	4.47E-11	2.73E-09	3.42E-04	5.24E-07	3.86E-04	0.00E+00	2.82E-01	1.30E-09	2.82E-01	2.82E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN100A	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	9.12E-02	1.32E-08	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.49E-13	6.68E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	7.20E-04	2.85E-01	0.00E+00	4.44E-11	1.05E-09	1.67E-04	5.21E-07	3.89E-04	0.00E+00	2.85E-01	1.30E-09	2.85E-01	2.85E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NDN100N	1.55E-04	2.35E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.60E-02	1.05E-08	1.01E-04	1.04E-03	0.00E+00	0.00E+00	3.92E-13	7.64E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	1.02E-03	3.42E-01	0.00E+00	3.45E-11	1.63E-09	2.62E-04	6.60E-07	5.54E-04	0.00E+00	3.42E-01	1.13E-09	3.42E-01	3.41E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05
NDN101	4.49E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.13E-02	1.32E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.47E-13	6.78E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.18E-04	2.82E-01	0.00E+00	4.46E-11	2.66E-09	3.37E-04	5.23E-07	3.85E-04	0.00E+00	2.82E-01	1.30E-09	2.82E-01	2.82E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN101A	1.28E-04	1.98E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	9.12E-02	1.31E-08	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.43E-13	6.63E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	7.11E-04	2.80E-01	0.00E+00	4.44E-11	1.03E-09	1.66E-04	5.17E-07	3.82E-04	0.00E+00	2.80E-01	1.29E-09	2.80E-01	2.81E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NDN101N	1.55E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.56E-02	1.05E-08	8.20E-05	8.65E-04	0.00E+00	0.00E+00	3.92E-13	7.64E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	9.12E-04	3.33E-01	0.00E+00	3.45E-11	1.54E-09	2.22E-04	6.46E-07	4.75E-04	0.00E+00	3.33E-01	1.13E-09	3.33E-01	3.38E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05
NDN102	4.67E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.27E-04	2.87E-01	0.00E+00	4.49E-11	2.74E-09	3.43E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.86E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN102A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.13E-02	1.32E-08	6.06E-05	6.64E-04	0.00E+00	0.00E+00	3.50E-13	6.72E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.21E-04	2.85E-01	0.00E+00	4.47E-11	1.06E-09	1.67E-04	5.21E-07	3.90E-04	0.00E+00	2.85E-01	1.30E-09	2.85E-01	2.85E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04

NDN102N	1.55E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.55E-02	1.05E-08	8.20E-05	8.65E-04	0.00E+00	0.00E+00	3.92E-13	7.63E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	9.12E-04	3.33E-01	0.00E+00	3.45E-11	1.54E-09	2.22E-04	6.46E-07	4.75E-04	0.00E+00	3.33E-01	1.13E-09	3.33E-01	3.37E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
NDN103	4.49E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.16E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	7.27E-04	2.87E-01	0.00E+00	4.52E-11	2.67E-09	3.38E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NDN103A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.13E-02	1.32E-08	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.49E-13	6.70E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.20E-04	2.85E-01	0.00E+00	4.47E-11	1.06E-09	1.68E-04	5.21E-07	3.89E-04	0.00E+00	2.85E-01	1.30E-09	2.85E-01	2.85E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN103N	1.55E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.55E-02	1.05E-08	8.20E-05	8.65E-04	0.00E+00	0.00E+00	3.92E-13	7.63E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	9.12E-04	3.33E-01	0.00E+00	3.45E-11	1.54E-09	2.22E-04	6.46E-07	4.75E-04	0.00E+00	3.33E-01	1.13E-09	3.33E-01	3.37E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
NDN104	4.67E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.15E-02	1.32E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.49E-13	6.82E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.21E-04	2.83E-01	0.00E+00	4.50E-11	2.73E-09	3.43E-04	5.25E-07	3.87E-04	0.00E+00	2.83E-01	1.30E-09	2.83E-01	2.83E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN104A	1.29E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.13E-02	1.31E-08	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.45E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.15E-04	2.82E-01	0.00E+00	4.48E-11	1.04E-09	1.67E-04	5.19E-07	3.84E-04	0.00E+00	2.82E-01	1.29E-09	2.82E-01	2.82E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NDN104N	1.55E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.55E-02	1.05E-08	8.20E-05	8.65E-04	0.00E+00	0.00E+00	3.92E-13	7.63E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	9.12E-04	3.33E-01	0.00E+00	3.45E-11	1.54E-09	2.22E-04	6.46E-07	4.75E-04	0.00E+00	3.33E-01	1.13E-09	3.33E-01	3.37E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
NDN106	4.66E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.48E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.97E-04	2.79E-01	0.00E+00	3.04E-11	2.72E-09	3.41E-04	5.00E-07	3.70E-04	0.00E+00	2.79E-01	7.82E-10	2.79E-01	2.79E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NDN106A	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-02	7.35E-09	5.91E-05	6.49E-04	0.00E+00	0.00E+00	3.42E-13	6.65E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.78E-01	0.00E+00	3.02E-11	1.02E-09	1.63E-04	4.93E-07	3.66E-04	0.00E+00	2.78E-01	7.72E-10	2.78E-01	2.79E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
NDN106N	1.46E-04	2.38E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.50E-02	1.06E-08	7.17E-05	7.73E-04	0.00E+00	0.00E+00	3.80E-13	8.18E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	9.35E-04	3.37E-01	0.00E+00	3.37E-11	1.42E-09	2.13E-04	6.46E-07	4.86E-04	0.00E+00	3.37E-01	1.13E-09	3.37E-01	3.42E-01	4.86E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
NDN106P	2.49E-04	2.92E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.76E-02	1.38E-08	8.93E-05	1.16E-03	0.00E+00	0.00E+00	4.83E-13	1.12E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	1.32E-03	4.15E-01	0.00E+00	3.63E-11	1.86E-09	2.62E-04	9.06E-07	6.99E-04	0.00E+00	4.15E-01	1.67E-09	4.15E-01	4.18E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	9.08E-05
NDN110	5.33E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.35E-04	1.46E-03	0.00E+00	0.00E+00	3.52E-13	6.89E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.03E-04	2.78E-01	0.00E+00	3.09E-11	3.02E-09	3.77E-04	5.03E-07	3.74E-04	0.00E+00	2.78E-01	7.91E-10	2.78E-01	2.78E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
NDN110A	1.49E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.38E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.94E-04	2.78E-01	0.00E+00	3.06E-11	1.10E-09	1.69E-04	4.96E-07	3.69E-04	0.00E+00	2.78E-01	7.76E-10	2.78E-01	2.78E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
NDN110N	1.50E-03	3.46E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	2.17E-02	1.94E-08	3.66E-04	3.89E-03	0.00E+00	0.00E+00	5.03E-13	1.28E-11	7.98E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	1.48E-03	4.50E-01	0.00E+00	4.60E-11	8.06E-09	1.03E-03	1.05E-06	7.71E-04	0.00E+00	4.50E-01	2.29E-09	4.50E-01	4.63E-01	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
NDN110P	1.56E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.53E-02	1.06E-08	8.34E-05	9.32E-04	0.00E+00	0.00E+00	3.73E-13	8.35E-12	5.80E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	1.03E-03	3.19E-01	0.00E+00	3.26E-11	1.29E-09	2.23E-04	7.50E-07	5.67E-04	0.00E+00	3.19E-01	1.32E-09	3.19E-01	3.24E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-05
NDN113	4.65E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.55E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.02E-04	2.79E-01	0.00E+00	3.08E-11	2.74E-09	3.42E-04	5.04E-07	3.73E-04	0.00E+00	2.79E-01	7.89E-10	2.79E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
NDN116	4.71E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.54E-09	1.25E-04	1.34E-03	0.00E+00	0.00E+00	3.53E-13	6.87E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.02E-04	2.78E-01	0.00E+00	3.10E-11	2.75E-09	3.43E-04	5.03E-07	3.73E-04	0.00E+00	2.78E-01	7.88E-10	2.78E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
NDN116A	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.43E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.50E-13	6.74E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	6.96E-04	2.77E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	4.98E-07	3.69E-04	0.00E+00	2.77E-01	7.81E-10	2.77E-01	2.78E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
NDN116N	1.42E-03	2.74E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.86E-02	1.09E-08	3.26E-04	3.59E-03	0.00E+00	0.00E+00	3.94E-13	8.34E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.55E-04	3.60E-01	0.00E+00	3.89E-11	7.28E-09	9.40E-04	6.08E-07	4.46E-04	0.00E+00	3.60E-01	1.16E-09	3.60E-01	3.59E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	9.75E-05
NDN116P	1.46E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.38E-02	1.05E-08	8.10E-05	9.05E-04	0.00E+00	0.00E+00	3.57E-13	7.85E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	1.01E-03	3.17E-01	0.00E+00	3.20E-11	1.20E-09	2.18E-04	7.43E-07	5.58E-04	0.00E+00	3.17E-01	1.30E-09	3.17E-01	3.21E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
NDN120	4.72E-04	2.08E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.58E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.76E-09	3.44E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NDN120A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.08E-05	6.67E-04	0.00E+00	0.00E+00	3.60E-13	6.97E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.86E-01	0.00E+00	3.14E-11	1.06E-09	1.68E-04	5.12E-07	3.81E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
NDN120N	1.42E-03	2.74E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.85E-02	1.09E-08	3.25E-04	3.60E-03	0.00E+00	0.00E+00	3.94E-13	8.28E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.57E-04	3.56E-01	0.00E+00	3.93E-11	7.32E-09	9.42E-04	6.11E-07	4.47E-04	0.00E+00	3.56E-01	1.15E-09	3.56E-01	3.57E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.78E-05
NDN120P	1.54E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.54E-02	8.57E-09	8.23E-05	9.18E-04	0.00E+00	0.00E+00	3.75E-13	8.43E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.02E-03	3.19E-01	0.00E+00	3.27E-11	1.22E-09	2.19E-04	7.45E-07	5.51E-04	0.00E+00	3.19E-01	1.06E-09	3.19E-01	3.24E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NDN125	4.67E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.57E-09	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.73E-09	3.42E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NDN125A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.31E-02	7.47E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.05E-07	3.75E-04	0.00E+00	2.82E-01	7.84E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
NDN125N	1.41E-03	2.75E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.85E-02	1.10E-08	3.24E-04	3.62E-03	0.00E+00	0.00E+00	3.95E-13	8.27E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.60E-04	3.57E-01	0.00E+00	3.92E-11	7.29E-09	9.58E-04	6.14E-07	4.49E-04	0.00E+00	3.57E-01	1.16E-09	3.57E-01	3.57E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05
NDN125P	1.54E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.54E-02	8.57E-09	8.23E-05	9.18E-04	0.00E+00	0.00E+00	3.75E-13	8.38E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	1.02E-03	3.19E-01	0.00E+00	3.27E-11	1.22E-09	2.19E-04	7.45E-07	5.50E-04	0.00E+00	3.19E-01	1.06E-09	3.19E-01	3.24E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NDN132	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.48E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NDN132A	1.38E-04	2.16E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.18E-09	6.49E-05	7.12E-04	0.00E+00	0.00E+00	3.81E-13	7.38E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.02E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.42E-07	4.03E-04	0.00E+00	3.02E-01	8.60E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NDN132N	1.49E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.56E-02	1.05E-08	8.12E-05	8.45E-04	0.00E+00	0.00E+00	3.91E-13	7.64E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	9.12E-04	3.34E-01	0.00E+00	3.47E-11	1.46E-09	2.16E-04	6.46E-07	4.76E-04	0.00E+00	3.34E-01	1.13E-09	3.34E-01	3.37E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
NDN132P	2.60E-04	2.99E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.82E-02	1.14E-08	8.03E-05	9.87E-04	0.00E+00	0.00E+00	5.02E-13	1.09E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	1.32E-03	4.23E-01	0.00E+00	3.74E-11	1.65E-09	2.44E-04	9.16E-07	6.95E-04	0.00E+00	4.23E-01	1.40E-09	4.23E-01	4.25E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-05
NDN140	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.81E-13	7.46E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.03E-01	0.00E+00	3.32E-11	2.61E-09	3.28E-04	5.41E-07	4.04E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05
NDN140A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.76E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
NDN140N	1.49E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.56E-02	1.05E-08	8.12E-05	8.46E-04	0.00E+00	0.00E+00	3.92E-13	7.64E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	9.12E-04	3.34E-01	0.00E+00	3.47E-11	1.46E-09	2.16E-04	6.46E-07	4.76E-04	0.00E+00	3.34E-01	1.13E-09	3.34E-01	3.37E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
NDN140P	2.60E-04	3.00E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.83E-02	1.40E-08	9.16E-05	1.17E-03	0.00E+00	0.00E+00	5.04E-13	1.12E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	1.32E-03	4.24E-01	0.00E+00	3.83E-11	1.86E-09	2.67E-04	9.05E-07	6.99E-04	0.00E+00	4.24E-01	1.69E-09	4.24E-01	4.25E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	9.59E-05
NDN150	1.40E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.60E-02	1.09E-08	6.68E-05	7.37E-04	0.00E+00	0.00E+00	4.14E-13	8.08E-12	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	1.04E-03	3.20E-01	0.00E+00	3.50E-11	1.11E-09	1.85E-04	7.57E-07	5.63E-04	0.00E+00	3.20E-01	1.34E-09	3.20E-01	3.20E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
NDN150A	1.38E-04	2.16E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.22E-09	6.49E-05	7.12E-04	0.00E+00	0.00E+00	3.82E-13	7.37E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.80E-04	5.44E-07	4.04E-04	0.00E+00	3.03E-01	8.65E-10	3.03E-01	3.04E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NDN150N	1.54E-04	2.28E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.57E-02	1.06E-08	8.12E-05	8.44E-04	0.00E+00	0.00E+00	3.94E-13	7.65E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	9.13E-04	3.34E-01	0.00E+00	3.48E-11	1.49E-09	2.15E-04	6.47E-07	4.76E-04	0.00E+00	3.34E-01	1.14E-09	3.34E-01	3.37E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05
NDN163	1.47E-04	2.78E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.73E-02	1.53E-08	7.41E-05	7.85E-04	0.00E+00	0.00E+00	4.95E-13	1.11E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	1.30E-03	4.07E-01	0.00E+00	3.98E-11	1.22E-09	2.01E-04	9.08E-07	6.80E-04	0.00E+00	4.07E-01	1.78E-09	4.07E-01	4.15E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
NDN163A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.21E-09	6.50E-05	7.13E-04	0.00E+00	0.00E+00	3.85E-13	7.44E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.05E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.47E-07	4.08E-04	0.00E+00	3.05E-01	8.62E-10	3.05E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
NDN163N	1.54E-04	2.28E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.58E-02	1.06E-08	8.13E-05	8.48E-04	0.00E+00	0.00E+00	3.93E-13	7.65E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	9.14E-04	3.34E-01	0.00E+00	3.49E-11	1.49E-09	2.17E-04	6.47E-07	4.74E-04	0.00E+00	3.34E-01	1.14E-09	3.34E-01	3.37E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05
NDN163P	2.69E-04	3.03E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.85E-02	1.41E-08	9.48E-05	1.20E-03	0.00E+00	0.00E+00	5.04E-13	1.13E-11	7.84E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	1.33E-03	4.25E-01	0.00E+00	3.87E-11	1.87E-09	2.70E-04	9.14E-07	7.01E-04	0.00E+00	4.25E-01	1.69E-09	4.25E-01	4.26E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
NDN200	4.62E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.47E-08	1.57E-04	1.80E-03	0.00E+00	0.00E+00	6.54E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	2.98E-09	4.34E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.46E-09	5.20E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN200A	4.33E-04	3.99E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.56E-04	1.80E-03	0.00E+00	0.00E+00	6.59E-13	1.22E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.19E-01	0.00E+00	6.67E-11	2.88E-09	4.29E-04	7.38E-07	5.57E-04	0.00E+00	5.19E-01	1.50E-09	5.19E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN200N	3.44E-04	4.48E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.25E-02	4.10E-08	1.50E-04	1.59E-03	0.00E+00	0.00E+00	7.77E-13	1.54E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.67E-03	6.30E-01	0.00E+00	7.09E-11	2.50E-09	3.86E-04	1.17E-06	8.53E-04	0.00E+00	6.30E-01	3.67E-09	6.30E-01	6.26E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NDN201	4.98E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.92E-02	1.47E-08	1.60E-04	1.83E-03	0.00E+00	0.00E+00	6.55E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	3.05E-09	4.44E-04	7.38E-07	5.57E-04	0.00E+00	5.20E-01	1.46E-09	5.20E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN201N	3.45E-04	4.50E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.25E-02	4.10E-08	1.50E-04	1.59E-03	0.00E+00	0.00E+00	7.82E-13	1.54E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.67E-03	6.32E-01	0.00E+00	7.11E-11	2.52E-09	3.87E-04	1.17E-06	8.54E-04	0.00E+00	6.32E-01	3.68E-09	6.32E-01	6.28E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN202	4.55E-04	4.00E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	1.02E-01	1.56E-08	1.55E-04	1.78E-03	0.00E+00	0.00E+00	6.35E-13	1.23E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.66E-11	2.93E-09	4.27E-04	7.39E-07	5.59E-04	0.00E+00	5.21E-01	1.61E-09	5.21E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN202A	4.30E-04	4.00E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	1.02E-01	1.61E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.61E-13	1.22E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.20E-01	0.00E+00	6.67E-11	2.87E-09	4.22E-04	7.39E-07	5.59E-04	0.00E+00	5.20E-01	1.67E-09	5.20E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN202N	3.44E-04	4.50E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.26E-02	4.11E-08	1.50E-04	1.60E-03	0.00E+00	0.00E+00	7.82E-13	1.54E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.68E-03	6.33E-01	0.00E+00	7.11E-11	2.52E-09	3.87E-04	1.17E-06	8.54E-04	0.00E+00	6.33E-01	3.68E-09	6.33E-01	6.28E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN202P	5.11E-04	4.95E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.31E-02	1.94E-08	2.06E-04	1.91E-03	0.00E+00	0.00E+00	7.95E-13	1.79E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.69E-03	7.35E-01	0.00E+00	7.21E-11	3.73E-09	4.49E-04	1.22E-06	8.95E-04	0.00E+00	7.35E-01	2.05E-09	7.35E-01	7.50E-01	8.95E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN203	4.44E-04	3.68E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.01E-01	1.55E-08	1.50E-04	1.73E-03	0.00E+00	0.00E+00	6.26E-13	1.18E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.04E-03	4.96E-01	0.00E+00	6.30E-11	2.82E-09	4.09E-04	7.39E-07	5.57E-04	0.00E+00	4.96E-01	1.60E-09	4.96E-01	4.85E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NDN203N	3.44E-04	4.50E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.26E-02	4.12E-08	1.50E-04	1.59E-03	0.00E+00	0.00E+00	7.82E-13	1.54E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.68E-03	6.33E-01	0.00E+00	7.11E-11	2.52E-09	3.87E-04	1.17E-06	8.55E-04	0.00E+00	6.33E-01	3.68E-09	6.33E-01	6.28E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN204	4.59E-04	4.01E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.48E-08	1.57E-04	1.80E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.22E-01	0.00E+00	6.66E-11	2.96E-09	4.34E-04	7.40E-07	5.59E-04	0.00E+00	5.22E-01	1.47E-09	5.22E-01	5.06E-01	5.59E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN204A	4.31E-04	4.00E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	4.93E-02	1.49E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.55E-13	1.22E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.05E-03	5.21E-01	0.00E+00	6.66E-11	2.88E-09	4.23E-04	7.41E-07	5.62E-04	0.00E+00	5.21E-01	1.51E-09	5.21E-01	5.07E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN204N	3.44E-04	4.50E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	3.26E-02	4.12E-08	1.50E-04	1.59E-03	0.00E+00	0.00E+00	7.82E-13	1.54E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-06	1.68E-03	6.33E-01	0.00E+00	7.11E-11	2.52E-09	3.87E-04	1.17E-06	8.54E-04	0.00E+00	6.33E-01	3.68E-09	6.33E-01	6.29E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN206	4.33E-04	3.63E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.63E-02	1.26E-08	1.49E-04	1.72E-03	0.00E+00	0.00E+00	6.11E-13	1.16E-11	7.82E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.79E-09	4.06E-04	7.38E-07	5.51E-04	0.00E+00	4.91E-01	1.24E-09	4.91E-01	4.79E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NDN206A	4.15E-04	3.62E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.62E-02	1.27E-08	1.50E-04	1.75E-03	0.00E+00	0.00E+00	6.16E-13	1.15E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.04E-03	4.91E-01	0.00E+00	6.04E-11	2.73E-09	4.12E-04	7.37E-07	5.48E-04	0.00E+00	4.91E-01	1.28E-09	4.91E-01	4.78E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NDN206N	3.47E-04	4.54E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	3.25E-02	4.08E-08	1.51E-04	1.60E-03	0.00E+00	0.00E+00	7.55E-13	1.56E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.68E-03	6.37E-01	0.00E+00	7.13E-11	2.54E-09	3.89E-04	1.18E-06	8.59E-04	0.00E+00	6.37E-01	3.65E-09	6.37E-01	6.34E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN206P	5.01E-04	4.75E-02	0.00E+00	4.82E-02	0.00E+00	0.00E+00	3.19E-02	1.91E-08	2.01E-04	1.87E-03	0.00E+00	0.00E+00	7.65E-13	1.74E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.63E-03	7.19E-01	0.00E+00	7.09E-11	3.61E-09	4.39E-04	1.17E-06	8.50E-04	0.00E+00	7.19E-01	2.01E-09	7.19E-01	7.37E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NDN210	3.82E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.90E-02	1.52E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.43E-03	5.64E-01	0.00E+00	6.62E-11	2.49E-09	3.77E-04	1.03E-06	7.53E-04	0.00E+00	5.64E-01	1.60E-09	5.64E-01	5.64E-01	7.53E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NDN210A	3.34E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.90E-02	1.54E-08	1.35E-04	1.51E-03	0.00E+00	0.00E+00	7.21E-13	1.39E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.43E-03	5.64E-01	0.00E+00	6.62E-11	2.35E-09	3.75E-04	1.03E-06	7.52E-04	0.00E+00	5.64E-01	1.64E-09	5.64E-01	5.66E-01	7.52E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NDN210N	2.21E-03	4.88E-02	0.00E+00	4.91E-02	0.00E+00	0.00E+00	3.47E-02	3.34E-08	4.83E-04	5.07E-03	0.00E+00	0.00E+00	7.95E-13	1.63E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.25E-06	1.69E-03	6.54E-01	0.00E+00	7.42E-11	1.05E-08	1.31E-03	1.22E-06	8.62E-04	0.00E+00	6.54E-01	3.02E-09	6.54E-01	6.36E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
NDN210P	4.63E-04	4.54E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.95E-02	1.64E-08	1.95E-04	1.78E-03	0.00E+00	0.00E+00	7.44E-13	1.58E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.54E-03	6.99E-01	0.00E+00	6.89E-11	3.44E-09	4.18E-04	1.07E-06	7.77E-04	0.00E+00	6.99E-01	1.71E-09	6.99E-01	7.16E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NDN213	3.83E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.55E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.45E-03	5.64E-01	0.00E+00	6.63E-11	2.49E-09	3.77E-04	1.04E-06	7.56E-04	0.00E+00	5.64E-01	1.62E-09	5.64E-01	5.64E-01	7.56E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NDN216	3.83E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.55E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.44E-03	5.64E-01	0.00E+00	6.62E-11	2.49E-09	3.77E-04	1.04E-06	7.55E-04	0.00E+00	5.64E-01	1.62E-09	5.64E-01	5.64E-01	7.55E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NDN216A	3.35E-04	3.89E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.90E-02	1.57E-08	1.36E-04	1.51E-03	0.00E+00	0.00E+00	7.22E-13	1.40E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.44E-03	5.64E-01	0.00E+00	6.62E-11	2.35E-09	3.75E-04	1.04E-06	7.54E-04	0.00E+00	5.64E-01	1.66E-09	5.64E-01	5.66E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NDN216N	2.25E-03	4.89E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	3.47E-02	3.37E-08	4.95E-04	5.22E-03	0.00E+00	0.00E+00	8.37E-13	1.63E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-06	1.69E-03	6.54E-01	0.00E+00	7.42E-11	1.08E-08	1.35E-03	1.22E-06	8.64E-04	0.00E+00	6.54E-01	3.06E-09	6.54E-01	6.37E-01	8.64E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
NDN216P	5.38E-04	4.26E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	2.61E-02	1.37E-08	2.10E-04	2.00E-03	0.00E+00	0.00E+00	6.30E-13	1.36E-11	8.22E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.10E-03	5.61E-01	0.00E+00	6.30E-11	3.91E-09	4.58E-04	7.61E-07	5.76E-04	0.00E+00	5.61E-01	1.41E-09	5.61E-01	5.42E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NDN220	3.89E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.95E-02	1.60E-08	1.39E-04	1.54E-03	0.00E+00	0.00E+00	7.33E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.48E-03	5.85E-01	0.00E+00	6.73E-11	2.55E-09	3.85E-04	1.07E-06	7.75E-04	0.00E+00	5.85E-01	1.66E-09	5.85E-01	5.88E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN220A	3.41E-04	4.02E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.95E-02	1.57E-08	1.42E-04	1.55E-03	0.00E+00	0.00E+00	7.41E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.47E-03	5.80E-01	0.00E+00	6.69E-11	2.44E-09	3.86E-04	1.06E-06	7.69E-04	0.00E+00	5.80E-01	1.66E-09	5.80E-01	5.83E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NDN220N	2.33E-03	4.84E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	3.54E-02	3.35E-08	5.13E-04	5.52E-03	0.00E+00	0.00E+00	8.37E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.69E-03	6.47E-01	0.00E+00	7.42E-11	1.13E-08	1.42E-03	1.21E-06	8.65E-04	0.00E+00	6.47E-01	3.04E-09	6.47E-01	6.29E-01	8.65E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NDN220P	4.79E-04	4.82E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	3.02E-02	1.74E-08	2.06E-04	1.84E-03	0.00E+00	0.00E+00	7.66E-13	1.64E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.64E-03	7.31E-01	0.00E+00	7.13E-11	3.60E-09	4.42E-04	1.16E-06	8.41E-04	0.00E+00	7.31E-01	1.80E-09	7.31E-01	7.43E-01	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NDN225	3.90E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.98E-02	1.60E-08	1.39E-04	1.55E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.49E-03	5.85E-01	0.00E+00	6.75E-11	2.55E-09	3.86E-04	1.07E-06	7.86E-04	0.00E+00	5.85E-01	1.67E-09	5.85E-01	5.88E-01	7.86E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NDN225A	3.32E-04	3.65E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.42E-04	1.58E-03	0.00E+00	0.00E+00	6.40E-13	1.22E-11	8.46E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.26E-03	4.93E-01	0.00E+00	6.12E-11	2.40E-09	3.93E-04	9.05E-07	6.71E-04	0.00E+00	4.93E-01	1.41E-09	4.93E-01	4.83E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NDN225N	2.34E-03	4.87E-02	0.00E+00	4.91E-02	0.00E+00	0.00E+00	3.57E-02	3.18E-08	5.17E-04	5.57E-03	0.00E+00	0.00E+00	8.41E-13	1.62E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.69E-03	6.52E-01	0.00E+00	7.45E-11	1.14E-08	1.43E-03	1.21E-06	8.73E-04	0.00E+00	6.52E-01	3.06E-09	6.52E-01	6.34E-01	8.73E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NDN225P	5.43E-04	4.33E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.63E-02	1.38E-08	2.15E-04	2.03E-03	0.00E+00	0.00E+00	6.42E-13	1.37E-11	8.24E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.10E-03	5.67E-01	0.00E+00	6.33E-11	3.97E-09	4.67E-04	7.62E-07	5.77E-04	0.00E+00	5.67E-01	1.42E-09	5.67E-01	5.47E-01	5.77E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NDN232	4.79E-04	3.97E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.76E-02	1.32E-08	1.59E-04	1.83E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.05E-03	5.15E-01	0.00E+00	6.38E-11	3.01E-09	4.38E-04	7.39E-07	5.53E-04	0.00E+00	5.15E-01	1.31E-09	5.15E-01	5.03E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NDN232A	4.22E-04	3.96E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.75E-02	1.33E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.48E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.15E-01	0.00E+00	6.38E-11	2.84E-09	4.18E-04	7.39E-07	5.54E-04	0.00E+00	5.15E-01	1.34E-09	5.15E-01	5.03E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NDN232N	3.45E-04	4.51E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.28E-02	4.00E-08	1.49E-04	1.59E-03	0.00E+00	0.00E+00	8.00E-13	1.57E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.72E-03	6.39E-01	0.00E+00	7.20E-11	2.53E-09	3.85E-04	1.20E-06	8.84E-04	0.00E+00	6.39E-01	3.71E-09	6.39E-01	6.36E-01	8.84E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
NDN232P	5.13E-04	5.00E-02	0.00E+00	5.09E-02	0.00E+00	0.00E+00	3.35E-02	1.94E-08	2.10E-04	1.91E-03	0.00E+00	0.00E+00	8.08E-13	1.81E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.74E-03	7.52E-01	0.00E+00	7.35E-11	3.75E-09	4.50E-04	1.27E-06	9.36E-04	0.00E+00	7.52E-01	2.04E-09	7.52E-01	7.64E-01	9.36E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
NDN240	4.47E-04	4.00E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.76E-02	1.33E-08	1.55E-04	1.79E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.16E-01	0.00E+00	6.36E-11	2.89E-09	4.23E-04	7.41E-07	5.57E-04	0.00E+00	5.16E-01	1.31E-09	5.16E-01	5.05E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NDN240A	4.21E-04	3.96E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.75E-02	1.33E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.44E-13	1.21E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.14E-01	0.00E+00	6.34E-11	2.82E-09	4.17E-04	7.41E-07	5.56E-04	0.00E+00	5.14E-01	1.34E-09	5.14E-01	5.03E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NDN240N	3.44E-04	4.51E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.29E-02	4.00E-08	1.49E-04	1.59E-03	0.00E+00	0.00E+00	7.98E-13	1.56E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.70E-03	6.39E-01	0.00E+00	7.13E-11	2.52E-09	3.85E-04	1.19E-06	8.67E-04	0.00E+00	6.39E-01	3.71E-09	6.39E-01	6.36E-01	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04

NDN240P	5.11E-04	4.98E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.33E-02	1.93E-08	2.10E-04	1.91E-03	0.00E+00	0.00E+00	8.06E-13	1.80E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.70E-03	7.41E-01	0.00E+00	7.26E-11	3.75E-09	4.50E-04	1.24E-06	9.09E-04	0.00E+00	7.41E-01	2.04E-09	7.41E-01	7.57E-01	9.09E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
NDN250	3.95E-04	4.57E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.11E-02	1.89E-08	1.38E-04	1.53E-03	0.00E+00	0.00E+00	7.91E-13	1.64E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.66E-03	6.29E-01	0.00E+00	6.76E-11	2.48E-09	3.83E-04	1.21E-06	9.15E-04	0.00E+00	6.29E-01	1.99E-09	6.29E-01	6.23E-01	9.15E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NDN250A	4.21E-04	3.99E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.77E-02	1.34E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.46E-13	1.21E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.05E-03	5.13E-01	0.00E+00	6.37E-11	2.82E-09	4.17E-04	7.41E-07	5.58E-04	0.00E+00	5.13E-01	1.34E-09	5.13E-01	5.03E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NDN250N	3.45E-04	4.58E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.35E-02	4.02E-08	1.52E-04	1.62E-03	0.00E+00	0.00E+00	8.07E-13	1.59E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.74E-03	6.45E-01	0.00E+00	7.28E-11	2.53E-09	3.89E-04	1.23E-06	9.02E-04	0.00E+00	6.45E-01	3.72E-09	6.45E-01	6.42E-01	9.02E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
NDN250P	5.13E-04	5.00E-02	0.00E+00	5.09E-02	0.00E+00	0.00E+00	3.38E-02	1.96E-08	2.15E-04	1.94E-03	0.00E+00	0.00E+00	8.09E-13	1.81E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.75E-03	7.55E-01	0.00E+00	7.39E-11	3.75E-09	4.58E-04	1.28E-06	9.48E-04	0.00E+00	7.55E-01	2.05E-09	7.55E-01	7.67E-01	9.48E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
NDN263	4.55E-04	4.06E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.80E-02	1.35E-08	1.55E-04	1.78E-03	0.00E+00	0.00E+00	6.65E-13	1.23E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.40E-11	2.93E-09	4.28E-04	7.46E-07	5.70E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.07E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NDN263A	4.22E-04	4.05E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.79E-02	1.35E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.71E-13	1.23E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.19E-01	0.00E+00	6.40E-11	2.84E-09	4.16E-04	7.46E-07	5.69E-04	0.00E+00	5.19E-01	1.36E-09	5.19E-01	5.07E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NDN263N	3.47E-04	4.60E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.35E-02	4.02E-08	1.51E-04	1.62E-03	0.00E+00	0.00E+00	8.08E-13	1.59E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.77E-03	6.49E-01	0.00E+00	7.28E-11	2.53E-09	3.88E-04	1.27E-06	9.21E-04	0.00E+00	6.49E-01	3.72E-09	6.49E-01	6.43E-01	9.21E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
NDN263P	5.09E-04	4.91E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	3.27E-02	1.77E-08	2.12E-04	1.93E-03	0.00E+00	0.00E+00	7.91E-13	1.67E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-06	1.70E-03	7.49E-01	0.00E+00	7.20E-11	3.67E-09	4.52E-04	1.26E-06	9.19E-04	0.00E+00	7.49E-01	1.84E-09	7.49E-01	7.62E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
NDN300	4.20E-04	6.46E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	6.25E-02	1.90E-08	1.98E-04	2.19E-03	0.00E+00	0.00E+00	1.08E-12	2.03E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.14E-03	8.41E-01	0.00E+00	9.45E-11	3.25E-09	5.54E-04	1.47E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.45E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NDN300A	4.20E-04	6.46E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	6.25E-02	1.90E-08	1.98E-04	2.19E-03	0.00E+00	0.00E+00	1.08E-12	2.03E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.14E-03	8.41E-01	0.00E+00	9.45E-11	3.25E-09	5.54E-04	1.47E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.45E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NDN300N	4.23E-04	7.42E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	6.25E-02	5.66E-08	1.96E-04	2.07E-03	0.00E+00	0.00E+00	1.35E-12	3.30E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-06	2.85E-03	1.23E+00	0.00E+00	1.14E-10	3.36E-09	5.29E-04	2.14E-06	1.58E-03	0.00E+00	1.23E+00	5.12E-09	1.23E+00	1.25E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NDN301	4.15E-04	6.39E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	6.20E-02	1.89E-08	1.95E-04	2.16E-03	0.00E+00	0.00E+00	1.07E-12	2.02E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-06	2.11E-03	8.31E-01	0.00E+00	9.38E-11	3.22E-09	5.44E-04	1.46E-06	1.09E-03	0.00E+00	8.31E-01	1.98E-09	8.31E-01	8.41E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN301A	4.45E-04	6.44E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.21E-02	2.53E-08	1.66E-04	1.89E-03	0.00E+00	0.00E+00	1.16E-12	2.34E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-06	2.36E-03	9.28E-01	0.00E+00	9.94E-11	3.04E-09	4.73E-04	1.67E-06	1.25E-03	0.00E+00	9.28E-01	2.73E-09	9.28E-01	9.30E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NDN301N	4.11E-04	7.33E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	6.19E-02	5.66E-08	1.91E-04	2.03E-03	0.00E+00	0.00E+00	1.34E-12	3.28E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.83E-03	1.22E+00	0.00E+00	1.12E-10	3.27E-09	5.13E-04	2.13E-06	1.57E-03	0.00E+00	1.22E+00	5.11E-09	1.22E+00	1.25E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
NDN302	4.29E-04	6.56E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.20E-02	1.92E-08	2.03E-04	2.26E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.19E-03	8.70E-01	0.00E+00	9.68E-11	3.32E-09	5.72E-04	1.49E-06	1.13E-03	0.00E+00	8.70E-01	1.96E-09	8.70E-01	8.73E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN302A	3.99E-04	6.54E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.94E-08	2.00E-04	2.23E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.63E-11	3.22E-09	5.66E-04	1.54E-06	1.15E-03	0.00E+00	8.69E-01	2.13E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN302N	4.11E-04	7.33E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	6.19E-02	5.66E-08	1.91E-04	2.03E-03	0.00E+00	0.00E+00	1.34E-12	3.28E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.83E-03	1.22E+00	0.00E+00	1.12E-10	3.27E-09	5.13E-04	2.13E-06	1.57E-03	0.00E+00	1.22E+00	5.11E-09	1.22E+00	1.25E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
NDN303	4.12E-04	6.36E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	6.19E-02	1.88E-08	1.94E-04	2.15E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-06	2.11E-03	8.29E-01	0.00E+00	9.32E-11	3.19E-09	5.40E-04	1.46E-06	1.09E-03	0.00E+00	8.29E-01	1.98E-09	8.29E-01	8.39E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NDN303N	4.11E-04	7.32E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	6.19E-02	5.54E-08	1.91E-04	2.03E-03	0.00E+00	0.00E+00	1.34E-12	3.28E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.83E-03	1.22E+00	0.00E+00	1.12E-10	3.27E-09	5.13E-04	2.13E-06	1.57E-03	0.00E+00	1.22E+00	5.03E-09	1.22E+00	1.25E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
NDN304	4.06E-04	6.56E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.19E-02	1.94E-08	2.03E-04	2.24E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.68E-11	3.27E-09	5.72E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.13E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN304A	4.00E-04	6.55E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.21E-02	1.94E-08	2.01E-04	2.23E-03	0.00E+00	0.00E+00	1.11E-12	2.07E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.70E-01	0.00E+00	9.63E-11	3.22E-09	5.67E-04	1.54E-06	1.15E-03	0.00E+00	8.70E-01	2.13E-09	8.70E-01	8.74E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN304N	4.11E-04	7.33E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	6.20E-02	5.54E-08	1.91E-04	2.03E-03	0.00E+00	0.00E+00	1.34E-12	3.28E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.83E-03	1.22E+00	0.00E+00	1.12E-10	3.28E-09	5.14E-04	2.12E-06	1.57E-03	0.00E+00	1.22E+00	5.03E-09	1.22E+00	1.25E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
NDN304P	4.69E-04	7.83E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	5.25E-02	2.92E-08	2.31E-04	2.24E-03	0.00E+00	0.00E+00	1.30E-12	3.19E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	3.62E-03	1.28E+00	0.00E+00	1.16E-10	4.03E-09	5.45E-04	2.56E-06	1.93E-03	0.00E+00	1.28E+00	3.46E-09	1.28E+00	1.28E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
NDN306	4.05E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.98E-02	1.84E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.05E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-06	2.08E-03	8.25E-01	0.00E+00	9.26E-11	3.17E-09	5.10E-04	1.45E-06	1.07E-03	0.00E+00	8.25E-01	1.82E-09	8.25E-01	8.37E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
NDN306A	3.76E-04	5.92E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	3.96E-02	1.99E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.05E-12	2.00E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.12E-03	8.26E-01	0.00E+00	9.25E-11	3.10E-09	5.05E-04	1.49E-06	1.10E-03	0.00E+00	8.26E-01	2.06E-09	8.26E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NDN306N	3.94E-04	7.17E-02	0.00E+00	6.86E-02	0.00E+00	0.00E+00	6.18E-02	5.63E-08	1.86E-04	1.98E-03	0.00E+00	0.00E+00	1.32E-12	3.27E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.80E-03	1.21E+00	0.00E+00	1.11E-10	3.17E-09	4.95E-04	2.10E-06	1.55E-03	0.00E+00	1.21E+00	5.10E-09	1.21E+00	1.24E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
NDN306P	4.33E-04	7.25E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	4.60E-02	2.62E-08	2.20E-04	2.09E-03	0.00E+00	0.00E+00	1.20E-12	2.68E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-06	3.14E-03	1.06E+00	0.00E+00	1.04E-10	3.77E-09	5.17E-04	2.33E-06	1.76E-03	0.00E+00	1.06E+00	3.02E-09	1.06E+00	1.05E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NDN310	3.81E-04	6.05E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	4.04E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-06	2.20E-03	8.56E-01	0.00E+00	9.66E-11	3.07E-09	4.98E-04	1.53E-06	1.16E-03	0.00E+00	8.56E-01	2.42E-09	8.56E-01	8.59E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN310A	3.78E-04	6.02E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	4.07E-02	2.28E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.17E-03	8.50E-01	0.00E+00	9.42E-11	3.07E-09	4.98E-04	1.53E-06	1.14E-03	0.00E+00	8.50E-01	2.43E-09	8.50E-01	8.50E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NDN310N	3.66E-03	1.05E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.46E-02	4.65E-08	8.22E-04	9.09E-03	0.00E+00	0.00E+00	1.52E-12	3.43E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.01E-03	1.29E+00	0.00E+00	1.28E-10	1.84E-08	2.30E-03	2.09E-06	1.62E-03	0.00E+00	1.29E+00	4.32E-09	1.29E+00	1.28E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NDN310P	4.49E-04	6.62E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.10E-02	2.09E-08	2.25E-04	2.12E-03	0.00E+00	0.00E+00	1.08E-12	2.18E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.12E-03	8.33E-01	0.00E+00	9.31E-11	3.77E-09	5.33E-04	1.49E-06	1.08E-03	0.00E+00	8.33E-01	2.09E-09	8.33E-01	8.45E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NDN313	3.81E-04	5.95E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.96E-02	2.19E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-06	2.12E-03	8.25E-01	0.00E+00	9.37E-11	3.08E-09	4.99E-04	1.49E-06	1.11E-03	0.00E+00	8.25E-01	2.30E-09	8.25E-01	8.37E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NDN316	3.82E-04	6.05E-02	0.00E+00	6.10E-02	0.00E+00	0.00E+00	4.03E-02	2.28E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06	2.19E-03	8.56E-01	0.00E+00	9.73E-11	3.08E-09	4.99E-04	1.52E-06	1.15E-03	0.00E+00	8.56E-01	2.42E-09	8.56E-01	8.56E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NDN316A	3.73E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NDN316N	3.87E-03	1.37E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	8.71E-02	6.01E-08	8.97E-04	9.89E-03	0.00E+00	0.00E+00	2.23E-12	5.00E-11	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	6.93E-03	1.96E+00	0.00E+00	2.02E-10	1.98E-08	2.49E-03	5.29E-06	3.99E-03	0.00E+00	1.96E+00	5.86E-09	1.96E+00	1.95E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
NDN316P	4.40E-04	6.63E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.09E-02	2.10E-08	2.24E-04	2.11E-03	0.00E+00	0.00E+00	1.09E-12	2.19E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.12E-03	8.33E-01	0.00E+00	9.36E-11	3.76E-09	5.26E-04	1.49E-06	1.09E-03	0.00E+00	8.33E-01	2.09E-09	8.33E-01	8.46E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN320	3.94E-04	6.22E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	4.07E-02	2.32E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.08E-12	2.12E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-06	2.20E-03	8.72E-01	0.00E+00	9.82E-11	3.17E-09	5.08E-04	1.55E-06	1.17E-03	0.00E+00	8.72E-01	2.44E-09	8.72E-01	8.77E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NDN320A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN320N	3.76E-03	1.06E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.66E-02	4.52E-08	8.51E-04	9.37E-03	0.00E+00	0.00E+00	1.54E-12	3.45E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-06	3.04E-03	1.30E+00	0.00E+00	1.32E-10	1.92E-08	2.40E-03	2.13E-06	1.64E-03	0.00E+00	1.30E+00	4.25E-09	1.30E+00	1.29E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
NDN320P	4.30E-04	7.15E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	4.40E-02	2.63E-08	2.27E-04	2.09E-03	0.00E+00	0.00E+00	1.18E-12	2.46E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.52E-03	9.38E-01	0.00E+00	1.02E-10	3.81E-09	5.35E-04	1.69E-06	1.30E-03	0.00E+00	9.38E-01	2.79E-09	9.38E-01	9.48E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NDN325	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN325A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN325N	3.76E-03	1.10E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	6.66E-02	4.52E-08	8.61E-04	9.47E-03	0.00E+00	0.00E+00	1.54E-12	3.46E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-06	3.05E-03	1.30E+00	0.00E+00	1.31E-10	1.93E-08	2.42E-03	2.13E-06	1.65E-03	0.00E+00	1.30E+00	4.25E-09	1.30E+00	1.29E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
NDN325P	4.30E-04	7.16E-02	0.00E+00	7.23E-02	0.00E+00	0.00E+00	4.41E-02	2.63E-08	2.32E-04	2.11E-03	0.00E+00	0.00E+00	1.18E-12	2.46E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.52E-03	9.42E-01	0.00E+00	1.02E-10	3.81E-09	5.40E-04	1.70E-06	1.30E-03	0.00E+00	9.42E-01	2.80E-09	9.42E-01	9.51E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NDN332	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NDN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NDN332N	4.23E-04	7.42E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	6.26E-02	5.54E-08	1.98E-04	2.09E-03	0.00E+00	0.00E+00	1.36E-12	3.30E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-06	2.85E-03	1.23E+00	0.00E+00	1.14E-10	3.36E-09	5.30E-04	2.14E-06	1.58E-03	0.00E+00	1.23E+00	5.05E-09	1.23E+00	1.25E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
NDN332P	4.64E-04	7.38E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	4.54E-02	2.70E-08	2.35E-04	2.21E-03	0.00E+00	0.00E+00	1.24E-12	2.51E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06	2.99E-03	9.52E-01	0.00E+00	1.04E-10	4.03E-09	5.43E-04	2.28E-06	1.71E-03	0.00E+00	9.52E-01	3.11E-09	9.52E-01	9.73E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NDN340	4.37E-04	6.35E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	1.91E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.13E-12	2.10E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.25E-03	8.84E-01	0.00E+00	9.94E-11	3.39E-09	5.40E-04	1.56E-06	1.15E-03	0.00E+00	8.84E-01	1.92E-09	8.84E-01	8.92E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NDN340A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NDN340N	4.23E-04	7.41E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	6.26E-02	5.54E-08	1.98E-04	2.10E-03	0.00E+00	0.00E+00	1.36E-12	3.30E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-06	2.85E-03	1.23E+00	0.00E+00	1.14E-10	3.36E-09	5.30E-04	2.13E-06	1.58E-03	0.00E+00	1.23E+00	5.05E-09	1.23E+00	1.25E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
NDN340P	4.67E-04	7.52E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	4.80E-02	2.75E-08	2.36E-04	2.22E-03	0.00E+00	0.00E+00	1.26E-12	2.73E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	3.20E-03	1.08E+00	0.00E+00	1.08E-10	4.03E-09	5.52E-04	2.36E-06	1.80E-03	0.00E+00	1.08E+00	3.14E-09	1.08E+00	1.08E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NDN350	4.33E-04	6.42E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.91E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.38E-09	5.29E-04	1.56E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NDN350A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NDN350N	4.24E-04	7.46E-02	0.00E+00	7.14E-02	0.00E+00	0.00E+00	6.29E-02	5.51E-08	1.97E-04	2.09E-03	0.00E+00	0.00E+00	1.39E-12	3.31E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.86E-03	1.25E+00	0.00E+00	1.16E-10	3.36E-09	5.27E-04	2.17E-06	1.59E-03	0.00E+00	1.25E+00	5.06E-09	1.25E+00	1.27E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NDN350P	4.67E-04	7.53E-02	0.00E+00	7.72E-02	0.00E+00	0.00E+00	4.79E-02	2.77E-08	2.36E-04	2.21E-03	0.00E+00	0.00E+00	1.30E-12	2.73E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	3.19E-03	1.09E+00	0.00E+00	1.10E-10	4.03E-09	5.49E-04	2.39E-06	1.81E-03	0.00E+00	1.09E+00	3.16E-09	1.09E+00	1.10E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NDN363	4.26E-04	6.71E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.40E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-06	2.36E-03	9.38E-01	0.00E+00	1.03E-10	3.46E-09	5.52E-04	1.68E-06	1.25E-03	0.00E+00	9.38E-01	2.65E-09	9.38E-01	9.39E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NDN363A	4.26E-04	6.71E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.40E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-06	2.36E-03	9.38E-01	0.00E+00	1.03E-10	3.46E-09	5.52E-04	1.68E-06	1.25E-03	0.00E+00	9.38E-01	2.65E-09	9.38E-01	9.39E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NDN363N	4.25E-04	7.47E-02	0.00E+00	7.17E-02	0.00E+00	0.00E+00	6.35E-02	5.47E-08	1.97E-04	2.09E-03	0.00E+00	0.00E+00	1.40E-12	3.31E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-06	2.89E-03	1.25E+00	0.00E+00	1.20E-10	3.37E-09	5.30E-04	2.23E-06	1.63E-03	0.00E+00	1.25E+00	5.07E-09	1.25E+00	1.27E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
NDN363P	4.67E-04	7.39E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.59E-02	2.72E-08	2.36E-04	2.23E-03	0.00E+00	0.00E+00	1.28E-12	2.51E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-06	2.61E-03	9.76E-01	0.00E+00	1.10E-10	4.06E-09	5.56E-04	1.83E-06	1.37E-03	0.00E+00	9.76E-01	2.93E-09	9.76E-01	9.98E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
NDN400	5.16E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.02E-02	2.20E-08	2.56E-04	2.80E-03	0.00E+00	0.00E+00	1.33E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.45E-03	9.46E-01	0.00E+00	1.16E-10	4.24E-09	7.03E-04	1.73E-06	1.26E-03	0.00E+00	9.46E-01	2.28E-09	9.46E-01	9.56E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
NDN400N	5.13E-04	9.37E-02	0.00E+00	9.13E-02	0.00E+00	0.00E+00	7.27E-02	5.68E-08	2.43E-04	2.66E-03	0.00E+00	0.00E+00	1.61E-12	3.79E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-06	3.19E-03	1.48E+00	0.00E+00	1.41E-10	4.31E-09	6.59E-04	2.40E-06	1.78E-03	0.00E+00	1.48E+00	5.34E-09	1.48E+00	1.48E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
NDN401	5.18E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.02E-02	2.63E-08	2.65E-04	2.93E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.17E-10	4.28E-09	7.24E-04	1.74E-06	1.27E-03	0.00E+00	9.45E-01	2.77E-09	9.45E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NDN401N	5.12E-04	9.24E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	7.25E-02	5.66E-08	2.42E-04	2.64E-03	0.00E+00	0.00E+00	1.61E-12	3.78E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	3.17E-03	1.48E+00	0.00E+00	1.40E-10	4.27E-09	6.55E-04	2.39E-06	1.77E-03	0.00E+00	1.48E+00	5.32E-09	1.48E+00	1.47E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
NDN402	5.28E-04	7.73E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.46E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.18E-09	6.88E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.20E-09	9.39E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NDN402A	5.26E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.34E-02	3.12E-08	2.69E-04	2.93E-03	0.00E+00	0.00E+00	1.44E-12	2.83E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-06	2.82E-03	1.14E+00	0.00E+00	1.27E-10	4.32E-09	7.35E-04	1.98E-06	1.50E-03	0.00E+00	1.14E+00	3.22E-09	1.14E+00	1.14E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.11E-04
NDN402N	5.12E-04	9.24E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	7.25E-02	5.54E-08	2.42E-04	2.64E-03	0.00E+00	0.00E+00	1.61E-12	3.78E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	3.17E-03	1.48E+00	0.00E+00	1.41E-10	4.27E-09	6.55E-04	2.39E-06	1.77E-03	0.00E+00	1.48E+00	5.24E-09	1.48E+00	1.47E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
NDN403	5.28E-04	7.73E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	4.92E-02	2.10E-08	2.52E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.46E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.18E-09	6.88E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.14E-09	9.39E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NDN403N	5.12E-04	9.24E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	7.25E-02	5.54E-08	2.42E-04	2.64E-03	0.00E+00	0.00E+00	1.61E-12	3.78E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	3.18E-03	1.48E+00	0.00E+00	1.41E-10	4.27E-09	6.55E-04	2.39E-06	1.77E-03	0.00E+00	1.48E+00	5.24E-09	1.48E+00	1.47E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
NDN404	5.28E-04	7.79E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.42E-03	9.40E-01	0.00E+00	1.14E-10	4.17E-09	6.88E-04	1.70E-06	1.23E-03	0.00E+00	9.40E-01	2.21E-09	9.40E-01	9.50E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NDN404A	5.26E-04	8.72E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.34E-02	3.12E-08	2.69E-04	2.93E-03	0.00E+00	0.00E+00	1.45E-12	2.83E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-06	2.83E-03	1.15E+00	0.00E+00	1.27E-10	4.32E-09	7.35E-04	1.99E-06	1.50E-03	0.00E+00	1.15E+00	3.22E-09	1.15E+00	1.15E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NDN404N	5.12E-04	9.24E-02	0.00E+00	8.98E-02	0.00E+00	0.00E+00	7.25E-02	5.54E-08	2.42E-04	2.64E-03	0.00E+00	0.00E+00	1.61E-12	3.78E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-06	3.18E-03	1.48E+00	0.00E+00	1.40E-10	4.26E-09	6.55E-04	2.39E-06	1.77E-03	0.00E+00	1.48E+00	5.23E-09	1.48E+00	1.47E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
NDN406	5.03E-04	7.30E-02	0.00E+00	7.37E-02	0.00E+00	0.00E+00	4.80E-02	2.21E-08	2.33E-04	2.55E-03	0.00E+00	0.00E+00	1.31E-12	2.44E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.43E-03	9.33E-01	0.00E+00	1.14E-10	4.16E-09	6.42E-04	1.72E-06	1.25E-03	0.00E+00	9.33E-01	2.28E-09	9.33E-01	9.46E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
NDN406A	5.05E-04	7.33E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.81E-02	2.60E-08	2.39E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.46E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.44E-03	9.34E-01	0.00E+00	1.13E-10	4.22E-09	6.56E-04	1.73E-06	1.27E-03	0.00E+00	9.34E-01	2.75E-09	9.34E-01	9.45E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NDN406N	5.14E-04	9.05E-02	0.00E+00	8.79E-02	0.00E+00	0.00E+00	7.23E-02	5.66E-08	2.41E-04	2.67E-03	0.00E+00	0.00E+00	1.60E-12	3.75E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.14E-03	1.47E+00	0.00E+00	1.40E-10	4.27E-09	6.57E-04	2.37E-06	1.76E-03	0.00E+00	1.47E+00	5.31E-09	1.47E+00	1.47E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
NDN406P	5.59E-04	8.65E-02	0.00E+00	8.84E-02	0.00E+00	0.00E+00	5.84E-02	3.21E-08	2.79E-04	2.90E-03	0.00E+00	0.00E+00	1.49E-12	3.38E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.78E-03	1.36E+00	0.00E+00	1.33E-10	4.76E-09	7.08E-04	2.69E-06	2.05E-03	0.00E+00	1.36E+00	3.87E-09	1.36E+00	1.36E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
NDN410	5.30E-04	7.84E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	5.11E-02	3.07E-08	2.17E-04	2.48E-03	0.00E+00	0.00E+00	1.40E-12	2.67E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-06	3.17E-03	1.06E+00	0.00E+00	1.20E-10	4.00E-09	6.27E-04	2.48E-06	1.83E-03	0.00E+00	1.06E+00	3.40E-09	1.06E+00	1.06E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NDN410A	5.03E-04	7.62E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.97E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.61E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.70E-03	1.05E+00	0.00E+00	1.20E-10	4.17E-09	6.49E-04	1.93E-06	1.44E-03	0.00E+00	1.05E+00	3.07E-09	1.05E+00	1.05E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NDN410N	3.89E-03	1.18E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.47E-02	4.59E-08	9.03E-04	1.00E-02	0.00E+00	0.00E+00	1.75E-12	3.83E-11	2.46E-04	0.00E+00	0.00E+00	0.00E+00	8.84E-06	3.27E-03	1.50E+00	0.00E+00	1.53E-10	2.03E-08	2.50E-03	2.31E-06	1.78E-03	0.00E+00	1.50E+00	4.43E-09	1.50E+00	1.48E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.77E-04
NDN410P	5.70E-04	8.08E-02	0.00E+00	8.08E-02	0.00E+00	0.00E+00	5.20E-02	3.01E-08	2.88E-04	2.86E-03	0.00E+00	0.00E+00	1.40E-12	2.74E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-06	3.21E-03	1.06E+00	0.00E+00	1.23E-10	4.86E-09	7.20E-04	2.49E-06	1.88E-03	0.00E+00	1.06E+00	3.50E-09	1.06E+00	1.08E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NDN413	5.06E-04	7.76E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	5.06E-02	3.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.37E-12	2.66E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-06	2.76E-03	1.08E+00	0.00E+00	1.23E-10	4.11E-09	6.55E-04	1.97E-06	1.47E-03	0.00E+00	1.08E+00	3.18E-09	1.08E+00	1.08E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NDN416	5.16E-04	8.13E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.19E-09	6.69E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NDN416A	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NDN416N	3.91E-03	1.18E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	7.47E-02	4.59E-08	9.08E-04	9.97E-03	0.00E+00	0.00E+00	1.75E-12	3.84E-11	2.46E-04	0.00E+00	0.00E+00	0.00E+00	8.85E-06	3.29E-03	1.50E+00	0.00E+00	1.53E-10	2.04E-08	2.52E-03	2.31E-06	1.78E-03	0.00E+00	1.50E+00	4.43E-09	1.50E+00	1.49E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04

NDN416P	5.72E-04	8.15E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	5.22E-02	3.03E-08	2.93E-04	2.89E-03	0.00E+00	0.00E+00	1.42E-12	2.77E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.85E-03	1.09E+00	0.00E+00	1.24E-10	4.89E-09	7.31E-04	2.00E-06	1.51E-03	0.00E+00	1.09E+00	3.35E-09	1.09E+00	1.10E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NDN420	5.10E-04	7.98E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.14E-02	3.04E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.39E-12	2.74E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.80E-03	1.11E+00	0.00E+00	1.24E-10	4.13E-09	6.63E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.19E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
NDN420A	5.11E-04	7.94E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	5.15E-02	3.03E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.38E-12	2.74E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.14E-09	6.64E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.18E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
NDN420N	3.93E-03	1.18E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	7.58E-02	4.60E-08	9.13E-04	1.00E-02	0.00E+00	0.00E+00	1.76E-12	3.86E-11	2.58E-04	0.00E+00	0.00E+00	0.00E+00	9.02E-06	3.32E-03	1.52E+00	0.00E+00	1.56E-10	2.05E-08	2.54E-03	2.35E-06	1.80E-03	0.00E+00	1.52E+00	4.45E-09	1.52E+00	1.50E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04
NDN420P	5.75E-04	8.31E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.27E-02	3.05E-08	2.94E-04	2.90E-03	0.00E+00	0.00E+00	1.43E-12	2.82E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-06	3.26E-03	1.11E+00	0.00E+00	1.24E-10	4.91E-09	7.31E-04	2.51E-06	1.90E-03	0.00E+00	1.11E+00	3.59E-09	1.11E+00	1.12E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NDN425	5.28E-04	8.32E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.47E-12	2.83E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
NDN425A	5.11E-04	7.98E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.25E-02	3.04E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.74E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.84E-03	1.12E+00	0.00E+00	1.28E-10	4.16E-09	6.64E-04	2.04E-06	1.51E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.12E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NDN425N	3.94E-03	1.21E-01	0.00E+00	1.20E-01	0.00E+00	0.00E+00	7.58E-02	4.56E-08	9.23E-04	1.01E-02	0.00E+00	0.00E+00	1.77E-12	3.88E-11	2.60E-04	0.00E+00	0.00E+00	0.00E+00	9.13E-06	3.30E-03	1.52E+00	0.00E+00	1.58E-10	2.07E-08	2.56E-03	2.35E-06	1.81E-03	0.00E+00	1.52E+00	4.45E-09	1.52E+00	1.50E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-04
NDN425P	5.92E-04	7.80E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	4.94E-02	2.09E-08	2.83E-04	2.85E-03	0.00E+00	0.00E+00	1.33E-12	2.53E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.45E-03	9.61E-01	0.00E+00	1.14E-10	4.86E-09	7.10E-04	1.70E-06	1.24E-03	0.00E+00	9.61E-01	2.31E-09	9.61E-01	9.67E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
NDN432	5.29E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.07E-02	2.69E-08	2.54E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.69E-01	0.00E+00	1.18E-10	4.32E-09	6.85E-04	1.77E-06	1.29E-03	0.00E+00	9.69E-01	2.82E-09	9.69E-01	9.75E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
NDN432A	5.63E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.12E-03	1.24E+00	0.00E+00	1.36E-10	4.58E-09	7.30E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NDN432N	5.10E-04	9.37E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	7.32E-02	5.49E-08	2.43E-04	2.65E-03	0.00E+00	0.00E+00	1.66E-12	3.81E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-06	3.23E-03	1.50E+00	0.00E+00	1.44E-10	4.30E-09	6.50E-04	2.47E-06	1.81E-03	0.00E+00	1.50E+00	5.28E-09	1.50E+00	1.50E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
NDN432P	5.73E-04	9.01E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	6.02E-02	3.29E-08	2.95E-04	3.00E-03	0.00E+00	0.00E+00	1.55E-12	3.45E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.82E-03	1.41E+00	0.00E+00	1.39E-10	5.00E-09	7.29E-04	2.75E-06	2.07E-03	0.00E+00	1.41E+00	3.93E-09	1.41E+00	1.41E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
NDN440	5.30E-04	7.77E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.06E-02	2.26E-08	2.41E-04	2.63E-03	0.00E+00	0.00E+00	1.36E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-06	2.49E-03	9.70E-01	0.00E+00	1.17E-10	4.27E-09	6.66E-04	1.76E-06	1.28E-03	0.00E+00	9.70E-01	2.34E-09	9.70E-01	9.76E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NDN440A	5.37E-04	8.47E-02	0.00E+00	8.47E-02	0.00E+00	0.00E+00	5.55E-02	3.18E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.98E-03	1.18E+00	0.00E+00	1.30E-10	4.37E-09	6.96E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.34E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
NDN440N	5.09E-04	9.37E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	7.31E-02	5.52E-08	2.43E-04	2.64E-03	0.00E+00	0.00E+00	1.65E-12	3.81E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-06	3.22E-03	1.50E+00	0.00E+00	1.43E-10	4.29E-09	6.49E-04	2.44E-06	1.80E-03	0.00E+00	1.50E+00	5.27E-09	1.50E+00	1.50E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
NDN440P	5.60E-04	9.09E-02	0.00E+00	9.27E-02	0.00E+00	0.00E+00	6.02E-02	3.30E-08	2.85E-04	2.90E-03	0.00E+00	0.00E+00	1.55E-12	3.46E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-06	3.80E-03	1.40E+00	0.00E+00	1.38E-10	4.82E-09	7.09E-04	2.73E-06	2.08E-03	0.00E+00	1.40E+00	3.93E-09	1.40E+00	1.41E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NDN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.26E-08	2.43E-04	2.65E-03	0.00E+00	0.00E+00	1.37E-12	2.57E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.50E-03	9.71E-01	0.00E+00	1.17E-10	4.31E-09	6.74E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.34E-09	9.71E-01	9.78E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NDN450A	5.46E-04	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.65E-02	3.23E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.03E-03	1.20E+00	0.00E+00	1.32E-10	4.44E-09	7.08E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NDN450N	5.11E-04	9.50E-02	0.00E+00	9.27E-02	0.00E+00	0.00E+00	7.33E-02	5.48E-08	2.44E-04	2.66E-03	0.00E+00	0.00E+00	1.66E-12	3.82E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-06	3.25E-03	1.51E+00	0.00E+00	1.44E-10	4.32E-09	6.55E-04	2.48E-06	1.82E-03	0.00E+00	1.51E+00	5.26E-09	1.51E+00	1.50E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
NDN450P	5.70E-04	8.80E-02	0.00E+00	8.82E-02	0.00E+00	0.00E+00	5.53E-02	3.15E-08	2.96E-04	2.98E-03	0.00E+00	0.00E+00	1.50E-12	2.93E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-06	3.00E-03	1.18E+00	0.00E+00	1.31E-10	5.04E-09	7.30E-04	2.12E-06	1.59E-03	0.00E+00	1.18E+00	3.45E-09	1.18E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NDN463	5.65E-04	8.91E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.84E-02	3.35E-08	2.65E-04	2.91E-03	0.00E+00	0.00E+00	1.57E-12	3.03E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.24E+00	0.00E+00	1.37E-10	4.60E-09	7.33E-04	2.23E-06	1.66E-03	0.00E+00	1.24E+00	3.51E-09	1.24E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
NDN463A	5.67E-04	8.95E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	5.87E-02	3.36E-08	2.66E-04	2.92E-03	0.00E+00	0.00E+00	1.57E-12	3.05E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	3.14E-03	1.25E+00	0.00E+00	1.37E-10	4.61E-09	7.36E-04	2.24E-06	1.67E-03	0.00E+00	1.25E+00	3.53E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
NDN463N	5.11E-04	9.50E-02	0.00E+00	9.27E-02	0.00E+00	0.00E+00	7.33E-02	5.48E-08	2.44E-04	2.66E-03	0.00E+00	0.00E+00	1.66E-12	3.82E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-06	3.25E-03	1.51E+00	0.00E+00	1.44E-10	4.31E-09	6.55E-04	2.48E-06	1.82E-03	0.00E+00	1.51E+00	5.26E-09	1.51E+00	1.50E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
NDN463P	5.62E-04	9.13E-02	0.00E+00	9.32E-02	0.00E+00	0.00E+00	6.09E-02	3.31E-08	2.86E-04	2.90E-03	0.00E+00	0.00E+00	1.57E-12	3.47E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-06	3.80E-03	1.41E+00	0.00E+00	1.40E-10	4.83E-09	7.12E-04	2.75E-06	2.09E-03	0.00E+00	1.41E+00	3.95E-09	1.41E+00	1.42E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
NEN106	5.20E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.32E-02	7.72E-09	1.34E-04	1.45E-03	0.00E+00	0.00E+00	3.47E-13	6.79E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.02E-04	2.92E-01	0.00E+00	3.07E-11	2.99E-09	3.72E-04	5.04E-07	3.71E-04	0.00E+00	2.92E-01	8.00E-10	2.92E-01	2.96E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
NEN110	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.74E-09	6.13E-05	6.72E-04	0.00E+00	0.00E+00	3.63E-13	7.02E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.16E-07	3.84E-04	0.00E+00	2.88E-01	8.13E-10	2.88E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-05
NEN113	5.01E-04	2.75E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.72E-02	1.49E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	4.87E-13	1.06E-11	7.64E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	1.31E-03	4.11E-01	0.00E+00	3.89E-11	2.95E-09	3.64E-04	9.31E-07	7.02E-04	0.00E+00	4.11E-01	1.73E-09	4.11E-01	4.22E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
NEN116	4.83E-04	2.59E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.64E-02	1.03E-08	1.30E-04	1.44E-03	0.00E+00	0.00E+00	4.68E-13	9.77E-12	7.51E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	1.29E-03	3.98E-01	0.00E+00	3.57E-11	2.94E-09	3.60E-04	9.04E-07	6.67E-04	0.00E+00	3.98E-01	1.28E-09	3.98E-01	4.13E-01	6.67E-04	0.00E+00	0.00E+00	0.00E+00	8.75E-05
NEN120	5.05E-04	2.68E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.71E-02	1.06E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	4.83E-13	9.99E-12	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	1.29E-03	4.07E-01	0.00E+00	3.77E-11	3.03E-09	3.70E-04	9.07E-07	6.72E-04	0.00E+00	4.07E-01	1.30E-09	4.07E-01	4.19E-01	6.72E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NEN125	5.02E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.80E-09	1.33E-04	1.44E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.12E-04	2.95E-01	0.00E+00	3.12E-11	2.93E-09	3.67E-04	5.11E-07	3.78E-04	0.00E+00	2.95E-01	8.09E-10	2.95E-01	2.99E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
NEN132	4.80E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.24E-04	1.41E-03	0.00E+00	0.00E+00	3.82E-13	7.44E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.14E-01	0.00E+00	3.34E-11	2.88E-09	3.53E-04	5.43E-07	4.04E-04	0.00E+00	3.14E-01	8.96E-10	3.14E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-05
NEN140	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.49E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.82E-13	7.47E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.15E-01	0.00E+00	3.35E-11	2.62E-09	3.28E-04	5.42E-07	4.05E-04	0.00E+00	3.15E-01	8.88E-10	3.15E-01	3.17E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
NEN150	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.57E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.83E-13	7.46E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.65E-04	3.15E-01	0.00E+00	3.36E-11	2.68E-09	3.34E-04	5.44E-07	4.06E-04	0.00E+00	3.15E-01	8.96E-10	3.15E-01	3.18E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NEN163	4.98E-04	2.25E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.60E-09	1.27E-04	1.43E-03	0.00E+00	0.00E+00	3.84E-13	7.55E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.72E-04	3.18E-01	0.00E+00	3.42E-11	2.95E-09	3.59E-04	5.49E-07	4.11E-04	0.00E+00	3.18E-01	8.99E-10	3.18E-01	3.20E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
NEN206	3.90E-04	3.63E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.79E-02	1.53E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	6.29E-13	1.21E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.34E-03	4.95E-01	0.00E+00	6.14E-11	2.59E-09	4.02E-04	9.47E-07	7.08E-04	0.00E+00	4.95E-01	1.60E-09	4.95E-01	4.85E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NEN210	3.78E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.92E-02	1.59E-08	1.36E-04	1.52E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.51E-03	5.67E-01	0.00E+00	6.63E-11	2.50E-09	3.73E-04	1.07E-06	7.93E-04	0.00E+00	5.67E-01	1.67E-09	5.67E-01	5.68E-01	7.93E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NEN216	3.80E-04	3.91E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.92E-02	1.64E-08	1.37E-04	1.54E-03	0.00E+00	0.00E+00	7.21E-13	1.39E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.51E-03	5.70E-01	0.00E+00	6.69E-11	2.49E-09	3.76E-04	1.07E-06	7.95E-04	0.00E+00	5.70E-01	1.71E-09	5.70E-01	5.73E-01	7.95E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NEN220	4.00E-04	4.42E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.11E-02	1.69E-08	1.44E-04	1.61E-03	0.00E+00	0.00E+00	7.84E-13	1.50E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.61E-03	6.25E-01	0.00E+00	6.96E-11	2.63E-09	3.94E-04	1.14E-06	8.42E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.28E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NEN225	3.86E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.99E-02	1.63E-08	1.39E-04	1.56E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.55E-03	5.88E-01	0.00E+00	6.75E-11	2.55E-09	3.87E-04	1.10E-06	8.10E-04	0.00E+00	5.88E-01	1.69E-09	5.88E-01	5.92E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NEN232	4.04E-04	3.98E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.95E-02	1.60E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.40E-03	5.18E-01	0.00E+00	6.47E-11	2.70E-09	4.18E-04	9.96E-07	7.41E-04	0.00E+00	5.18E-01	1.67E-09	5.18E-01	5.06E-01	7.41E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NEN240	3.94E-04	4.40E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	3.14E-02	1.68E-08	1.42E-04	1.59E-03	0.00E+00	0.00E+00	7.93E-13	1.49E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.62E-03	6.28E-01	0.00E+00	6.96E-11	2.62E-09	3.95E-04	1.15E-06	8.40E-04	0.00E+00	6.28E-01	1.75E-09	6.28E-01	6.30E-01	8.40E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NEN250	3.95E-04	4.47E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	3.20E-02	1.75E-08	1.45E-04	1.60E-03	0.00E+00	0.00E+00	8.06E-13	1.53E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.66E-03	6.34E-01	0.00E+00	7.11E-11	2.62E-09	3.97E-04	1.20E-06	8.79E-04	0.00E+00	6.34E-01	1.81E-09	6.34E-01	6.36E-01	8.79E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NEN263	3.98E-04	4.45E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.18E-02	1.68E-08	1.49E-04	1.66E-03	0.00E+00	0.00E+00	7.95E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-06	1.65E-03	6.28E-01	0.00E+00	6.95E-11	2.73E-09	4.18E-04	1.19E-06	8.67E-04	0.00E+00	6.28E-01	1.74E-09	6.28E-01	6.30E-01	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
NEN306	3.83E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.88E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.10E-03	8.26E-01	0.00E+00	9.28E-11	3.13E-09	5.10E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	1.87E-09	8.26E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NEN310	3.82E-04	6.07E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	4.08E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.15E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-06	2.21E-03	8.57E-01	0.00E+00	9.69E-11	3.07E-09	4.99E-04	1.54E-06	1.16E-03	0.00E+00	8.57E-01	2.44E-09	8.57E-01	8.58E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NEN313	3.98E-04	6.25E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	4.15E-02	2.35E-08	1.84E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.20E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.25E-03	8.78E-01	0.00E+00	9.95E-11	3.20E-09	5.14E-04	1.58E-06	1.18E-03	0.00E+00	8.78E-01	2.48E-09	8.78E-01	8.82E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NEN316	3.83E-04	6.07E-02	0.00E+00	6.14E-02	0.00E+00	0.00E+00	4.06E-02	2.28E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.15E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-06	2.19E-03	8.52E-01	0.00E+00	9.77E-11	3.08E-09	5.00E-04	1.52E-06	1.15E-03	0.00E+00	8.52E-01	2.42E-09	8.52E-01	8.58E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
NEN320	3.94E-04	6.24E-02	0.00E+00	6.29E-02	0.00E+00	0.00E+00	4.10E-02	2.33E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.09E-12	2.19E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.22E-03	8.74E-01	0.00E+00	9.91E-11	3.18E-09	5.08E-04	1.56E-06	1.17E-03	0.00E+00	8.74E-01	2.46E-09	8.74E-01	8.78E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NEN325	3.94E-04	6.47E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.11E-02	2.38E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.10E-12	2.32E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-06	2.27E-03	8.98E-01	0.00E+00	9.94E-11	3.17E-09	5.08E-04	1.58E-06	1.19E-03	0.00E+00	8.98E-01	2.46E-09	8.98E-01	8.95E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NEN332	4.14E-04	6.41E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.22E-02	2.08E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.12E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.30E-03	8.98E-01	0.00E+00	1.01E-10	3.39E-09	5.37E-04	1.60E-06	1.19E-03	0.00E+00	8.98E-01	2.16E-09	8.98E-01	9.02E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NEN340	4.14E-04	6.38E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.07E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.28E-03	8.84E-01	0.00E+00	1.00E-10	3.39E-09	5.38E-04	1.59E-06	1.18E-03	0.00E+00	8.84E-01	2.14E-09	8.84E-01	8.92E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NEN363	4.34E-04	6.42E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.39E-09	5.32E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NEN406	5.04E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.59E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.55E-04	1.73E-06	1.27E-03	0.00E+00	9.34E-01	2.76E-09	9.34E-01	9.45E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NEN410	5.03E-04	7.63E-02	0.00E+00	7.67E-02	0.00E+00	0.00E+00	5.09E-02	2.95E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.67E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.70E-03	1.05E+00	0.00E+00	1.24E-10	4.14E-09	6.48E-04	1.94E-06	1.44E-03	0.00E+00	1.05E+00	3.08E-09	1.05E+00	1.05E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NEN416	5.05E-04	7.67E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.09E-02	2.99E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.37E-12	2.69E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.68E-03	1.05E+00	0.00E+00	1.23E-10	4.06E-09	6.52E-04	1.91E-06	1.43E-03	0.00E+00	1.05E+00	3.14E-09	1.05E+00	1.05E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NEN420	5.08E-04	7.83E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.14E-02	3.01E-08	2.41E-04	2.65E-03	0.00E+00	0.00E+00	1.38E-12	2.75E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-06	2.76E-03	1.10E+00	0.00E+00	1.24E-10	4.09E-09	6.56E-04	1.97E-06	1.47E-03	0.00E+00	1.10E+00	3.18E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NEN425	5.11E-04	7.97E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.27E-02	3.03E-08	2.45E-04	2.67E-03	0.00E+00	0.00E+00	1.44E-12	2.76E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.78E-03	1.11E+00	0.00E+00	1.28E-10	4.14E-09	6.63E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.19E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NEN432	5.26E-04	7.68E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.04E-02	2.24E-08	2.40E-04	2.61E-03	0.00E+00	0.00E+00	1.36E-12	2.54E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.48E-03	9.66E-01	0.00E+00	1.16E-10	4.23E-09	6.63E-04	1.74E-06	1.27E-03	0.00E+00	9.66E-01	2.33E-09	9.66E-01	9.73E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NEN440	5.28E-04	7.74E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	5.05E-02	2.25E-08	2.40E-04	2.62E-03	0.00E+00	0.00E+00	1.36E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-06	2.49E-03	9.69E-01	0.00E+00	1.17E-10	4.25E-09	6.64E-04	1.75E-06	1.28E-03	0.00E+00	9.69E-01	2.34E-09	9.69E-01	9.75E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NEN450	5.46E-04	7.88E-02	0.00E+00	7.91E-02	0.00E+00	0.00E+00	5.13E-02	2.40E-08	2.24E-04	2.49E-03	0.00E+00	0.00E+00	1.37E-12	2.61E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.53E-03	9.94E-01	0.00E+00	1.15E-10	4.09E-09	6.29E-04	1.84E-06	1.31E-03	0.00E+00	9.94E-01	2.55E-09	9.94E-01	1.01E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NEN463	5.52E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.09E-08	2.43E-04	2.66E-03	0.00E+00	0.00E+00	1.37E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.47E-03	9.72E-01	0.00E+00	1.17E-10	4.29E-09	6.74E-04	1.72E-06	1.25E-03	0.00E+00	9.72E-01	2.11E-09	9.72E-01	9.78E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NF100A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.23E-09	6.51E-05	7.15E-04	0.00E+00	0.00E+00	3.88E-13	7.46E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.69E-04	3.06E-01	0.00E+00	3.38E-11	1.13E-09	1.80E-04	5.46E-07	4.08E-04	0.00E+00	3.06E-01	8.63E-10	3.06E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05
NF101A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.45E-02	8.25E-09	6.52E-05	7.15E-04	0.00E+00	0.00E+00	3.88E-13	7.48E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.69E-04	3.06E-01	0.00E+00	3.39E-11	1.13E-09	1.80E-04	5.48E-07	4.07E-04	0.00E+00	3.06E-01	8.66E-10	3.06E-01	3.07E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
NF102A	4.74E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	2.37E-02	1.10E-08	1.33E-04	1.42E-03	0.00E+00	0.00E+00	4.03E-13	7.68E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	8.32E-04	3.25E-01	0.00E+00	4.62E-11	2.81E-09	3.71E-04	5.95E-07	4.40E-04	0.00E+00	3.25E-01	1.10E-09	3.25E-01	3.24E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NF103A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.24E-09	6.51E-05	7.14E-04	0.00E+00	0.00E+00	3.87E-13	7.43E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.67E-04	3.05E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.46E-07	4.07E-04	0.00E+00	3.05E-01	8.64E-10	3.05E-01	3.06E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-05
NF104A	1.38E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.21E-09	6.51E-05	7.14E-04	0.00E+00	0.00E+00	3.85E-13	7.46E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.66E-04	3.06E-01	0.00E+00	3.37E-11	1.13E-09	1.80E-04	5.46E-07	4.09E-04	0.00E+00	3.06E-01	8.61E-10	3.06E-01	3.06E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
NF106A	1.21E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.25E-02	7.12E-09	5.69E-05	6.24E-04	0.00E+00	0.00E+00	3.37E-13	6.51E-12	4.67E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.75E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.46E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
NF110A	9.85E-05	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.44E-02	1.68E-08	4.30E-05	5.06E-04	0.00E+00	0.00E+00	3.43E-13	6.66E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	7.10E-04	2.75E-01	0.00E+00	3.86E-11	8.38E-10	1.19E-04	5.19E-07	3.94E-04	0.00E+00	2.75E-01	1.54E-09	2.75E-01	2.75E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
NF116A	1.24E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.45E-02	1.06E-08	5.68E-05	6.35E-04	0.00E+00	0.00E+00	3.44E-13	6.70E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	7.08E-04	2.75E-01	0.00E+00	4.03E-11	9.98E-10	1.57E-04	5.02E-07	3.88E-04	0.00E+00	2.75E-01	1.07E-09	2.75E-01	2.76E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
NF120A	1.27E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.46E-02	9.36E-09	5.89E-05	6.46E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	7.11E-04	2.77E-01	0.00E+00	3.96E-11	1.02E-09	1.63E-04	5.04E-07	3.79E-04	0.00E+00	2.77E-01	9.55E-10	2.77E-01	2.77E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
NF125A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.48E-02	8.27E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.56E-13	6.93E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	7.23E-04	2.81E-01	0.00E+00	3.81E-11	1.04E-09	1.65E-04	5.12E-07	3.81E-04	0.00E+00	2.81E-01	9.13E-10	2.81E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	9.78E-05
NF132A	4.96E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.50E-02	8.62E-09	1.33E-04	1.49E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.26E-04	3.25E-01	0.00E+00	3.51E-11	2.98E-09	3.86E-04	5.82E-07	4.36E-04	0.00E+00	3.25E-01	8.99E-10	3.25E-01	3.24E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05
NF140A	5.10E-04	2.32E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.50E-02	8.58E-09	1.35E-04	1.50E-03	0.00E+00	0.00E+00	4.06E-13	7.74E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	8.26E-04	3.25E-01	0.00E+00	3.51E-11	2.98E-09	3.92E-04	5.80E-07	4.37E-04	0.00E+00	3.25E-01	8.98E-10	3.25E-01	3.25E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05
NF150A	1.63E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.48E-02	8.61E-09	6.96E-05	7.45E-04	0.00E+00	0.00E+00	4.04E-13	7.78E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.09E-04	3.19E-01	0.00E+00	3.50E-11	1.23E-09	1.93E-04	5.79E-07	4.32E-04	0.00E+00	3.19E-01	9.08E-10	3.19E-01	3.19E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05
NF163A	1.65E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.74E-09	7.44E-05	8.09E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.17E-04	3.21E-01	0.00E+00	3.54E-11	1.25E-09	1.96E-04	5.85E-07	4.37E-04	0.00E+00	3.21E-01	9.16E-10	3.21E-01	3.21E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05
NF200A	3.45E-04	4.05E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.63E-02	1.31E-08	1.31E-04	1.50E-03	0.00E+00	0.00E+00	6.40E-13	1.22E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.06E-03	5.14E-01	0.00E+00	6.31E-11	2.48E-09	3.48E-04	7.40E-07	5.56E-04	0.00E+00	5.14E-01	1.28E-09	5.14E-01	5.01E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NF201A	2.75E-04	4.07E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.78E-02	1.58E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	6.74E-13	1.31E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.35E-03	5.18E-01	0.00E+00	6.39E-11	2.21E-09	3.54E-04	9.49E-07	7.23E-04	0.00E+00	5.18E-01	1.65E-09	5.18E-01	5.03E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NF202A	5.39E-04	4.14E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	3.39E-02	1.46E-08	1.43E-04	1.73E-03	0.00E+00	0.00E+00	6.66E-13	1.26E-11	8.21E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.06E-03	5.31E-01	0.00E+00	6.61E-11	2.85E-09	4.18E-04	7.46E-07	5.66E-04	0.00E+00	5.31E-01	1.46E-09	5.31E-01	5.17E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NF203A	3.45E-04	4.05E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.59E-02	1.31E-08	1.32E-04	1.51E-03	0.00E+00	0.00E+00	6.40E-13	1.22E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.06E-03	5.16E-01	0.00E+00	6.31E-11	2.48E-09	3.49E-04	7.39E-07	5.56E-04	0.00E+00	5.16E-01	1.28E-09	5.16E-01	5.01E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NF204A	3.47E-04	4.03E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.56E-02	1.31E-08	1.37E-04	1.56E-03	0.00E+00	0.00E+00	6.38E-13	1.21E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	1.06E-03	5.13E-01	0.00E+00	6.24E-11	2.51E-09	3.64E-04	7.38E-07	5.54E-04	0.00E+00	5.13E-01	1.27E-09	5.13E-01	4.99E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NF206A	2.53E-04	4.06E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.72E-02	1.79E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	7.04E-13	1.47E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.44E-03	5.64E-01	0.00E+00	6.98E-11	2.08E-09	3.33E-04	1.04E-06	7.76E-04	0.00E+00	5.64E-01	1.87E-09	5.64E-01	5.64E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NF210A	3.29E-04	3.66E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.42E-02	1.27E-08	1.24E-04	1.43E-03	0.00E+00	0.00E+00	5.65E-13	1.12E-11	7.61E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	9.21E-04	4.79E-01	0.00E+00	5.72E-11	2.31E-09	3.36E-04	6.13E-07	4.73E-04	0.00E+00	4.79E-01	1.28E-09	4.79E-01	4.63E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
NF216A	3.24E-04	3.71E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.46E-02	1.28E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.69E-13	1.13E-11	7.64E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	9.24E-04	4.82E-01	0.00E+00	5.80E-11	2.30E-09	3.20E-04	6.14E-07	4.75E-04	0.00E+00	4.82E-01	1.30E-09	4.82E-01	4.67E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NF220A	3.33E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.47E-02	1.29E-08	1.26E-04	1.45E-03	0.00E+00	0.00E+00	5.70E-13	1.14E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	9.27E-04	4.83E-01	0.00E+00	5.85E-11	2.34E-09	3.42E-04	6.16E-07	4.77E-04	0.00E+00	4.83E-01	1.31E-09	4.83E-01	4.67E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04

NF225A	3.25E-04	3.72E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.49E-02	1.30E-08	1.19E-04	1.38E-03	0.00E+00	0.00E+00	5.72E-13	1.14E-11	7.71E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06
NF232A	4.76E-04	4.14E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	2.86E-02	1.62E-08	1.42E-04	1.68E-03	0.00E+00	0.00E+00	6.57E-13	1.26E-11	8.17E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06
NF240A	4.74E-04	4.70E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.33E-02	2.02E-08	1.44E-04	1.68E-03	0.00E+00	0.00E+00	8.24E-13	1.74E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06
NF250A	4.16E-04	4.23E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	3.07E-02	1.66E-08	1.51E-04	1.71E-03	0.00E+00	0.00E+00	7.01E-13	1.37E-11	9.12E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06
NF263A	3.86E-04	4.14E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.69E-02	1.37E-08	1.46E-04	1.64E-03	0.00E+00	0.00E+00	6.69E-13	1.27E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06
NF300A	4.59E-04	6.51E-02	0.00E+00	6.51E-02	0.00E+00	0.00E+00	4.19E-02	1.94E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.14E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-06
NF301A	4.59E-04	6.51E-02	0.00E+00	6.51E-02	0.00E+00	0.00E+00	4.19E-02	1.94E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.14E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-06
NF302A	4.62E-04	7.22E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	4.90E-02	2.09E-08	2.30E-04	2.33E-03	0.00E+00	0.00E+00	1.16E-12	2.20E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06
NF303A	4.44E-04	6.29E-02	0.00E+00	6.27E-02	0.00E+00	0.00E+00	4.12E-02	1.89E-08	1.82E-04	2.01E-03	0.00E+00	0.00E+00	1.11E-12	2.08E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06
NF304A	4.60E-04	6.51E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	4.19E-02	1.94E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.14E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-06
NF306A	3.57E-04	5.55E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.43E-02	1.89E-08	1.64E-04	1.81E-03	0.00E+00	0.00E+00	9.84E-13	1.74E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06
NF310A	3.99E-04	5.59E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.57E-02	1.72E-08	1.68E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.76E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06
NF316A	3.59E-04	5.59E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.64E-02	1.85E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	1.01E-12	1.78E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06
NF320A	3.97E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.59E-02	1.77E-08	1.69E-04	1.87E-03	0.00E+00	0.00E+00	1.02E-12	1.77E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06
NF325A	3.81E-04	5.98E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.92E-02	1.84E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.06E-12	1.97E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06
NF332A	5.13E-04	7.31E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.38E-02	2.62E-08	2.31E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.35E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06
NF340A	5.09E-04	7.31E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.60E-02	2.66E-08	2.31E-04	2.44E-03	0.00E+00	0.00E+00	1.40E-12	2.36E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-06
NF350A	4.27E-04	6.74E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	2.01E-04	2.22E-03	0.00E+00	0.00E+00	1.18E-12	2.27E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-06
NF363A	4.61E-04	6.84E-02	0.00E+00	6.86E-02	0.00E+00	0.00E+00	4.57E-02	2.03E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.23E-12	2.29E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-06
NF400A	5.29E-04	7.60E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	5.00E-02	2.13E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06
NF401A	5.39E-04	8.45E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.46E-02	3.16E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06
NF402A	6.17E-04	9.12E-02	0.00E+00	9.07E-02	0.00E+00	0.00E+00	5.95E-02	3.23E-08	3.06E-04	3.15E-03	0.00E+00	0.00E+00	1.52E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06
NF403A	5.30E-04	7.60E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	5.00E-02	2.12E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06
NF404A	5.29E-04	7.60E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	5.00E-02	2.13E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06
NF406A	5.09E-04	7.12E-02	0.00E+00	7.13E-02	0.00E+00	0.00E+00	4.67E-02	2.01E-08	2.17E-04	2.40E-03	0.00E+00	0.00E+00	1.25E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06
NF410A	4.80E-04	7.02E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.02E-08	2.12E-04	2.34E-03	0.00E+00	0.00E+00	1.23E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-06
NF416A	4.89E-04	7.16E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	4.64E-02	2.01E-08	2.16E-04	2.38E-03	0.00E+00	0.00E+00	1.25E-12	2.35E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06
NF420A	4.94E-04	7.27E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.68E-02	2.17E-08	2.19E-04	2.41E-03	0.00E+00	0.00E+00	1.28E-12	2.39E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-06
NF425A	4.97E-04	7.31E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.71E-02	2.19E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.28E-12	2.40E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06
NF432A	6.44E-04	8.29E-02	0.00E+00	8.41E-02	0.00E+00	0.00E+00	5.15E-02	2.85E-08	2.99E-04	3.16E-03	0.00E+00	0.00E+00	1.50E-12	2.75E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-06
NF440A	6.58E-04	9.17E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	5.86E-02	3.33E-08	3.13E-04	3.28E-03	0.00E+00	0.00E+00	1.67E-12	3.06E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06
NF450A	5.88E-04	8.22E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.31E-02	2.92E-08	2.75E-04	3.05E-03	0.00E+00	0.00E+00	1.43E-12	2.79E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06
NF463A	5.13E-04	8.53E-02	0.00E+00	8.51E-02	0.00E+00	0.00E+00	5.49E-02	3.16E-08	2.40E-04	2.64E-03	0.00E+00	0.00E+00	1.52E-12	2.86E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06
NFN100	5.06E-04	2.22E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	3.93E-02	1.22E-08	1.35E-04	1.47E-03	0.00E+00	0.00E+00	3.84E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06
NFN101	5.11E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	3.93E-02	1.22E-08	1.35E-04	1.47E-03	0.00E+00	0.00E+00	3.80E-13	7.46E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06
NFN102	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.52E-05	7.15E-04	0.00E+00	0.00E+00	3.86E-13	7.47E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06
NFN103	4.93E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	3.93E-02	1.22E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06
NFN104	4.71E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.22E-02	1.40E-08	1.28E-04	1.37E-03	0.00E+00	0.00E+00	3.80E-13	7.46E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06
NFN106	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.80E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.66E-13	7.07E-12	5.07E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06
NFN110	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06
NFN113	4.90E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.51E-02	1.01E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	3.74E-13	7.66E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06
NFN116	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.97E-05	6.55E-04	0.00E+00	0.00E+00	3.53E-13	6.84E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06
NFN120	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.84E-09	6.20E-05	6.81E-04	0.00E+00	0.00E+00	3.67E-13	7.11E-12	5.09E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06
NFN125	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.83E-09	6.19E-05	6.80E-04	0.00E+00	0.00E+00	3.67E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06
NFN132	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.51E-09	6.74E-05	7.39E-04	0.00E+00	0.00E+00	3.99E-13	7.72E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06
NFN140	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.76E-05	7.42E-04	0.00E+00	0.00E+00	4.00E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06
NFN150	1.41E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.46E-02	8.42E-09	6.67E-05	7.30E-04	0.00E+00	0.00E+00	3.99E-13	7.56E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06
NFN163	1.47E-04	2.31E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.52E-02	8.68E-09	6.87E-05	7.53E-04	0.00E+00	0.00E+00	4.07E-13	7.87E-12	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06
NFN200	4.12E-04	3.99E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	4.98E-02	1.69E-08	1.55E-04	1.70E-03	0.00E+00	0.00E+00	6.72E-13	1.29E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06
NFN201	4.79E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.93E-02	1.49E-08	1.61E-04	1.86E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06
NFN202	4.00E-04	4.36E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	5.14E-02	1.66E-08	1.46E-04	1.63E-03	0.00E+00	0.00E+00	8.03E-13	1.50E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06
NFN203	4.07E-04	4.40E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	5.15E-02	1.64E-08	1.55E-04	1.72E-03	0.00E+00	0.00E+00	8.02E-13	1.50E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06
NFN204	4.79E-04	4.03E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.94E-02	1.49E-08	1.62E-04	1.86E-03	0.00E+00	0.00E+00	6.57E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06
NFN206	2.64E-04	4.16E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.73E-02	1.56E-08	1.24E-04	1.36E-03	0.00E+00	0.00E+00	7.32E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-06
NFN210	2.46E-04	3.88E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.15E-04	1.27E-03	0.00E+00	0.00E+00	6.83E-13	1.32E-11	9.47E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06
NFN216	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06
NFN220	2.64E-04	4.16E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.73E-02	1.56E-08	1.24E-04	1.36E-03	0.00E+00	0.00E+00	7.33E-13	1.42E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-06
NFN225	2.62E-04	4.13E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.71E-02	1.55E-08	1.23E-04	1.35E-03	0.00E+00	0.00E+00	7.27E-13	1.41E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-06
NFN232	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	7.79E-13	1.51E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06
NFN240	2.88E-04	4.55E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	2.98E-02	1.71E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	8.00E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06
NFN250	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.03E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06
NFN263	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.50E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06
NFN301	4.28E-04	6.56E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.19E-02	1.92E-08	2.02E-04	2.25E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06
NFN302	4.06E-04	6.56E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.95E-08	2.02E-04	2.23E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06
NFN303	4.06E-04	6.57E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	2.00E-08	2.02E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.07E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06
NFN304	4.07E-04	6.57E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.20E-02	2.01E-08	2.02E-04	2.24E-03	0.00E+00	0.00E+00	1.11E-12	2.08E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-06
NFN306	3.82E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.87E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.05E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06
NFN310	3.75E-04	5.91E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.88E-02	2.22E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06
NFN313	3.84E-04	6.06E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	4.03E-02	2.28E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.09E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-06
NFN316	3.82E-04	6.02E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	3.95E-02	2.26E-08	1.79E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-06
NFN320	4.09E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.23E-02	2.42E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06
NFN325	4.12E-04	6.50E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	4.26E-02	2.44E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06
NFN332	4.26E-04	6.72E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.41E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06
NFN340	4.26E-04	6.72E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.41E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06
NFN350	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06
NFN363	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06
NFN400	5.22E-04	8.60E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.34E-02	3.10E-08	2.67E-04	2.91E-03	0.00E+00	0.00E+00	1.43E-12	2.83E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06
NFN401	5.28E-04	7.73E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06
NFN402	5.17E-04	7.80E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.02E-02	2.51E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06
NFN403	5.15E-04	7.81E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.01E-02	2.50E-08	2.61E-04	2.91E-03	0.00E+00	0.00E+00	1.33E-12	2.52E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-06
NFN404	5.26E-04	7.76E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	7.01E-02	2.10E-08	2.48E-04	2.78E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06
NFN406	5.05E-04	7.34E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06
NFN410	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06
NFN416	5.05E-04	7.96E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	5.22E-02	2.99E-08	2.37E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-06
NFN420	5.18E-04	8.17E-02	0.00E+00	8.17E-02	0.00E+00	0.00E+00	5.36E-02	3.07E-08	2.43E-04	2.66E-03	0.00E+00	0.00E+00	1.44E-12	2.78E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06

NF225A	9.28E-04	4.84E-01	0.00E+00	5.86E-11	2.30E-09	3.20E-04	6.18E-07	4.78E-04	0.00E+00	4.84E-01	1.31E-09	4.84E-01	4.69E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NF232A	1.37E-03	5.31E-01	0.00E+00	6.51E-11	2.57E-09	4.22E-04	9.73E-07	7.37E-04	0.00E+00	5.31E-01	1.70E-09	5.31E-01	5.16E-01	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NF240A	1.67E-03	6.49E-01	0.00E+00	7.82E-11	2.54E-09	4.21E-04	1.20E-06	8.98E-04	0.00E+00	6.49E-01	2.07E-09	6.49E-01	6.48E-01	8.98E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
NF250A	1.41E-03	5.35E-01	0.00E+00	6.64E-11	2.71E-09	4.29E-04	1.00E-06	7.60E-04	0.00E+00	5.35E-01	1.73E-09	5.35E-01	5.20E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NF263A	1.07E-03	5.26E-01	0.00E+00	6.51E-11	2.68E-09	3.89E-04	7.50E-07	5.78E-04	0.00E+00	5.26E-01	1.36E-09	5.26E-01	5.09E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NF300A	2.27E-03	9.11E-01	0.00E+00	9.71E-11	3.29E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	9.11E-01	1.91E-09	9.11E-01	9.18E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NF301A	2.27E-03	9.11E-01	0.00E+00	9.71E-11	3.29E-09	5.21E-04	1.60E-06	1.18E-03	0.00E+00	9.11E-01	1.91E-09	9.11E-01	9.18E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NF302A	2.28E-03	9.00E-01	0.00E+00	1.00E-10	3.65E-09	6.29E-04	1.60E-06	1.18E-03	0.00E+00	9.00E-01	2.16E-09	9.00E-01	8.97E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NF303A	2.17E-03	8.79E-01	0.00E+00	9.55E-11	3.20E-09	5.06E-04	1.53E-06	1.12E-03	0.00E+00	8.79E-01	1.88E-09	8.79E-01	8.83E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NF304A	2.27E-03	9.11E-01	0.00E+00	9.71E-11	3.29E-09	5.21E-04	1.60E-06	1.18E-03	0.00E+00	9.11E-01	1.93E-09	9.11E-01	9.18E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NF306A	1.86E-03	7.79E-01	0.00E+00	8.22E-11	2.86E-09	4.58E-04	1.33E-06	9.86E-04	0.00E+00	7.79E-01	1.88E-09	7.79E-01	7.80E-01	9.86E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
NF310A	1.77E-03	7.84E-01	0.00E+00	8.29E-11	2.94E-09	4.61E-04	1.26E-06	9.33E-04	0.00E+00	7.84E-01	1.78E-09	7.84E-01	7.85E-01	9.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
NF316A	1.89E-03	7.84E-01	0.00E+00	8.31E-11	2.88E-09	4.60E-04	1.35E-06	9.99E-04	0.00E+00	7.84E-01	1.94E-09	7.84E-01	7.84E-01	9.99E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
NF320A	1.83E-03	8.07E-01	0.00E+00	8.36E-11	2.96E-09	4.59E-04	1.30E-06	9.60E-04	0.00E+00	8.07E-01	1.85E-09	8.07E-01	8.08E-01	9.60E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NF325A	2.10E-03	8.41E-01	0.00E+00	9.10E-11	3.01E-09	4.81E-04	1.50E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.42E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
NF332A	2.45E-03	9.92E-01	0.00E+00	1.04E-10	3.73E-09	6.35E-04	1.78E-06	1.31E-03	0.00E+00	9.92E-01	2.81E-09	9.92E-01	9.86E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
NF340A	2.58E-03	1.02E+00	0.00E+00	1.16E-10	3.75E-09	6.36E-04	1.93E-06	1.38E-03	0.00E+00	1.02E+00	2.86E-09	1.02E+00	1.02E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NF350A	2.32E-03	9.19E-01	0.00E+00	1.04E-10	3.50E-09	5.52E-04	1.63E-06	1.21E-03	0.00E+00	9.19E-01	2.66E-09	9.19E-01	9.16E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NF363A	2.40E-03	9.68E-01	0.00E+00	1.06E-10	3.48E-09	5.45E-04	1.68E-06	1.24E-03	0.00E+00	9.68E-01	2.05E-09	9.68E-01	9.68E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NF400A	2.46E-03	9.79E-01	0.00E+00	1.13E-10	4.11E-09	6.43E-04	1.77E-06	1.28E-03	0.00E+00	9.79E-01	2.14E-09	9.79E-01	9.82E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NF401A	2.91E-03	1.17E+00	0.00E+00	1.27E-10	4.37E-09	6.96E-04	2.07E-06	1.54E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
NF402A	2.90E-03	1.18E+00	0.00E+00	1.32E-10	4.79E-09	8.17E-04	2.04E-06	1.54E-03	0.00E+00	1.18E+00	3.34E-09	1.18E+00	1.18E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
NF403A	2.45E-03	9.77E-01	0.00E+00	1.13E-10	4.11E-09	6.43E-04	1.77E-06	1.28E-03	0.00E+00	9.77E-01	2.13E-09	9.77E-01	9.81E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NF404A	2.46E-03	9.78E-01	0.00E+00	1.13E-10	4.11E-09	6.43E-04	1.77E-06	1.28E-03	0.00E+00	9.78E-01	2.14E-09	9.78E-01	9.82E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NF406A	2.32E-03	9.23E-01	0.00E+00	1.07E-10	3.83E-09	6.05E-04	1.62E-06	1.18E-03	0.00E+00	9.23E-01	2.01E-09	9.23E-01	9.21E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NF410A	2.33E-03	9.22E-01	0.00E+00	1.06E-10	3.76E-09	5.95E-04	1.66E-06	1.20E-03	0.00E+00	9.22E-01	2.06E-09	9.22E-01	9.20E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
NF416A	2.35E-03	9.26E-01	0.00E+00	1.07E-10	3.83E-09	6.05E-04	1.66E-06	1.21E-03	0.00E+00	9.26E-01	2.17E-09	9.26E-01	9.25E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NF420A	2.40E-03	9.40E-01	0.00E+00	1.08E-10	3.89E-09	6.14E-04	1.68E-06	1.24E-03	0.00E+00	9.40E-01	2.28E-09	9.40E-01	9.35E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NF425A	2.41E-03	9.44E-01	0.00E+00	1.09E-10	3.91E-09	6.19E-04	1.69E-06	1.25E-03	0.00E+00	9.44E-01	2.28E-09	9.44E-01	9.38E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NF432A	2.53E-03	9.95E-01	0.00E+00	1.21E-10	4.79E-09	8.07E-04	1.81E-06	1.31E-03	0.00E+00	9.95E-01	3.01E-09	9.95E-01	9.95E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
NF440A	3.10E-03	1.23E+00	0.00E+00	1.41E-10	4.96E-09	8.56E-04	2.22E-06	1.65E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
NF450A	2.54E-03	9.98E-01	0.00E+00	1.23E-10	4.70E-09	7.47E-04	1.81E-06	1.32E-03	0.00E+00	9.98E-01	3.04E-09	9.98E-01	1.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NF463A	2.94E-03	1.18E+00	0.00E+00	1.34E-10	4.15E-09	6.58E-04	2.11E-06	1.58E-03	0.00E+00	1.18E+00	3.27E-09	1.18E+00	1.19E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NFN100	7.77E-04	3.16E-01	0.00E+00	4.75E-11	2.97E-09	3.74E-04	5.62E-07	4.16E-04	0.00E+00	3.16E-01	1.21E-09	3.16E-01	3.18E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NFN101	7.74E-04	3.15E-01	0.00E+00	4.73E-11	3.03E-09	3.74E-04	5.58E-07	4.13E-04	0.00E+00	3.15E-01	1.21E-09	3.15E-01	3.17E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
NFN102	7.71E-04	3.06E-01	0.00E+00	3.37E-11	1.13E-09	1.80E-04	5.49E-07	4.09E-04	0.00E+00	3.06E-01	8.65E-10	3.06E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NFN103	7.75E-04	3.15E-01	0.00E+00	4.74E-11	2.97E-09	3.69E-04	5.60E-07	4.14E-04	0.00E+00	3.15E-01	1.21E-09	3.15E-01	3.17E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NFN104	7.76E-04	3.15E-01	0.00E+00	4.74E-11	2.77E-09	3.49E-04	5.60E-07	4.18E-04	0.00E+00	3.15E-01	1.38E-09	3.15E-01	3.16E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NFN106	7.30E-04	2.90E-01	0.00E+00	3.19E-11	1.07E-09	1.71E-04	5.20E-07	3.87E-04	0.00E+00	2.90E-01	8.19E-10	2.90E-01	2.91E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-05
NFN110	6.97E-04	2.77E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.82E-10	2.77E-01	2.77E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
NFN113	1.01E-03	2.92E-01	0.00E+00	3.17E-11	2.94E-09	3.62E-04	7.37E-07	5.55E-04	0.00E+00	2.92E-01	1.26E-09	2.92E-01	2.91E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
NFN116	7.06E-04	2.81E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	5.03E-07	3.74E-04	0.00E+00	2.81E-01	7.92E-10	2.81E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
NFN120	7.34E-04	2.92E-01	0.00E+00	3.20E-11	1.08E-09	1.72E-04	5.23E-07	3.89E-04	0.00E+00	2.92E-01	8.23E-10	2.92E-01	2.92E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.94E-05
NFN125	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.22E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
NFN132	7.97E-04	3.17E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.67E-07	4.22E-04	0.00E+00	3.17E-01	8.93E-10	3.17E-01	3.17E-01	4.22E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-05
NFN140	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
NFN150	7.99E-04	3.10E-01	0.00E+00	3.46E-11	1.16E-09	1.84E-04	5.70E-07	4.21E-04	0.00E+00	3.10E-01	8.90E-10	3.10E-01	3.11E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
NFN163	8.12E-04	3.23E-01	0.00E+00	3.55E-11	1.19E-09	1.90E-04	5.78E-07	4.31E-04	0.00E+00	3.23E-01	9.11E-10	3.23E-01	3.23E-01	4.31E-04	0.00E+00	0.00E+00	0.00E+00	8.79E-05
NFN200	1.40E-03	5.23E-01	0.00E+00	6.75E-11	2.73E-09	4.30E-04	9.86E-07	7.38E-04	0.00E+00	5.23E-01	1.82E-09	5.23E-01	5.09E-01	7.38E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NFN201	1.14E-03	5.23E-01	0.00E+00	6.68E-11	3.03E-09	4.48E-04	8.01E-07	5.99E-04	0.00E+00	5.23E-01	1.47E-09	5.23E-01	5.09E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NFN202	1.60E-03	6.22E-01	0.00E+00	7.06E-11	2.61E-09	4.02E-04	1.13E-06	8.48E-04	0.00E+00	6.22E-01	1.78E-09	6.22E-01	6.23E-01	8.48E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NFN203	1.61E-03	6.27E-01	0.00E+00	6.92E-11	2.78E-09	4.31E-04	1.13E-06	8.44E-04	0.00E+00	6.27E-01	1.73E-09	6.27E-01	6.29E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
NFN204	1.14E-03	5.25E-01	0.00E+00	6.67E-11	3.04E-09	4.48E-04	8.02E-07	6.01E-04	0.00E+00	5.25E-01	1.49E-09	5.25E-01	5.10E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NFN206	1.46E-03	5.81E-01	0.00E+00	6.38E-11	2.14E-09	3.42E-04	1.04E-06	7.75E-04	0.00E+00	5.81E-01	1.64E-09	5.81E-01	5.82E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NFN210	1.36E-03	5.42E-01	0.00E+00	5.96E-11	2.00E-09	3.19E-04	9.72E-07	7.24E-04	0.00E+00	5.42E-01	1.53E-09	5.42E-01	5.43E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
NFN216	1.41E-03	5.59E-01	0.00E+00	6.14E-11	2.06E-09	3.29E-04	1.00E-06	7.46E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NFN220	1.46E-03	5.82E-01	0.00E+00	6.39E-11	2.15E-09	3.42E-04	1.04E-06	7.76E-04	0.00E+00	5.82E-01	1.64E-09	5.82E-01	5.82E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NFN225	1.45E-03	5.77E-01	0.00E+00	6.34E-11	2.13E-09	3.40E-04	1.03E-06	7.70E-04	0.00E+00	5.77E-01	1.63E-09	5.77E-01	5.78E-01	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NFN232	1.56E-03	6.19E-01	0.00E+00	6.80E-11	2.28E-09	3.64E-04	1.11E-06	8.25E-04	0.00E+00	6.19E-01	1.75E-09	6.19E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
NFN240	1.60E-03	6.35E-01	0.00E+00	6.98E-11	2.34E-09	3.74E-04	1.14E-06	8.47E-04	0.00E+00	6.35E-01	1.79E-09	6.35E-01	6.36E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NFN250	1.60E-03	6.37E-01	0.00E+00	7.00E-11	2.35E-09	3.75E-04	1.14E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NFN263	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.77E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NFN301	2.19E-03	8.69E-01	0.00E+00	9.69E-11	3.31E-09	5.72E-04	1.49E-06	1.13E-03	0.00E+00	8.69E-01	1.95E-09	8.69E-01	8.72E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NFN302	2.21E-03	8.69E-01	0.00E+00	9.69E-11	3.27E-09	5.72E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.12E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NFN303	2.22E-03	8.69E-01	0.00E+00	9.71E-11	3.29E-09	5.69E-04	1.53E-06	1.16E-03	0.00E+00	8.69E-01	2.08E-09	8.69E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NFN304	2.22E-03	8.69E-01	0.00E+00	9.72E-11	3.29E-09	5.70E-04	1.53E-06	1.16E-03	0.00E+00	8.69E-01	2.09E-09	8.69E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NFN306	2.10E-03	8.25E-01	0.00E+00	9.28E-11	3.13E-09	5.09E-04	1.48E-06	1.09E-03	0.00E+00	8.25E-01	1.87E-09	8.25E-01	8.37E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NFN310	2.08E-03	8.26E-01	0.00E+00	9.07E-11	3.05E-09	4.86E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	2.33E-09	8.26E-01	8.27E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NFN313	2.20E-03	8.58E-01	0.00E+00	9.74E-11	3.10E-09	5.01E-04	1.54E-06	1.16E-03	0.00E+00	8.58E-01	2.41E-09	8.58E-01	8.61E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
NFN316	2.12E-03	8.42E-01	0.00E+00	9.25E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.42E-01	2.37E-09	8.42E-01	8.43E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NFN320	2.26E-03	9.00E-01	0.00E+00	9.89E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NFN325	2.29E-03	9.08E-01	0.00E+00	9.98E-11	3.35E-09	5.35E-04	1.63E-06	1.21E-03	0.00E+00	9.08E-01	2.56E-09	9.08E-01	9.09E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NFN332	2.36E-03	9.39E-01	0.00E+00	1.03E-10	3.47E-09	5.53E-04	1.68E-06	1.25E-03	0.00E+00	9.39E-01	2.65E-09	9.39E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NFN340	2.36E-03	9.39E-01	0.00E+00	1.03E-10	3.47E-09	5.53E-04	1.68E-06	1.25E-03	0.00E+00	9.39E-01	2.65E-09	9.39E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NFN350	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NFN363	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NFN400	2.78E-03	1.12E+00	0.00E+00	1.29E-10	4.30E-09	7.29E-04	1.95E-06	1.48E-03	0.00E+00	1.12E+00	3.18E-09	1.12E+00	1.13E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NFN401	2.41E-03	9.38E-01	0.00E+00	1.14E-10	4.17E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.38E-01	2.19E-09	9.38E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NFN402	2.46E-03	9.46E-01	0.00E+00	1.17E-10	4.29E-09	7.20E-04	1.74E-06	1.27E-03	0.00E+00	9.46E-01	2.64E-09	9.46E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NFN403	2.45E-03	9.43E-01	0.00E+00	1.16E-10	4.28E-09	7.18E-04	1.74E-06	1.27E-03	0.00E+00	9.43E-01	2.64E-09	9.43E-01	9.54E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NFN404	2.42E-03	9.38E-01	0.00E+00	1.14E-10	4.14E-09	6.83E-04	1.69E-06	1.23E-03	0.00E+00	9.38E-01	2.21E-09	9.38E-01	9.48E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
NFN406	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.22E-09	6.60E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.60E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NFN410	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NFN416	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.10E-09	6.54E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.14E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
NFN420	2.87E-03	1.14E+00	0.00E+00	1.25E-10	4.21E-09	6.72E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.22E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.11E-04

NFN425	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.83E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
NFN432	5.51E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NFN440	5.71E-04	9.00E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	5.90E-02	3.38E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-06	3.16E-03	1.26E+00	0.00E+00	1.38E-10	4.64E-09	7.40E-04	2.25E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
NFN450	5.79E-04	9.14E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.99E-02	3.43E-08	2.72E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NFN463	5.79E-04	9.14E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.99E-02	3.43E-08	2.72E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NFN706	4.33E-04	3.65E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.70E-02	1.28E-08	1.61E-04	1.82E-03	0.00E+00	0.00E+00	6.13E-13	1.16E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.04E-03	4.94E-01	0.00E+00	6.04E-11	2.95E-09	4.43E-04	7.38E-07	5.51E-04	0.00E+00	4.94E-01	1.25E-09	4.94E-01	4.81E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NFN710	3.80E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.96E-02	1.57E-08	1.51E-04	1.65E-03	0.00E+00	0.00E+00	7.15E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.44E-03	5.67E-01	0.00E+00	6.66E-11	2.64E-09	4.16E-04	1.03E-06	7.57E-04	0.00E+00	5.67E-01	1.66E-09	5.67E-01	5.67E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NFN716	2.50E-04	3.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.92E-13	1.34E-11	9.60E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	1.38E-03	5.50E-01	0.00E+00	6.04E-11	2.03E-09	3.24E-04	9.85E-07	7.34E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.50E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
NFN720	3.86E-04	4.08E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.02E-02	1.64E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.49E-03	5.88E-01	0.00E+00	6.74E-11	2.69E-09	4.21E-04	1.07E-06	7.78E-04	0.00E+00	5.88E-01	1.71E-09	5.88E-01	5.90E-01	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NFN725	3.86E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	3.04E-02	1.65E-08	1.53E-04	1.67E-03	0.00E+00	0.00E+00	7.35E-13	1.42E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.50E-03	5.89E-01	0.00E+00	6.79E-11	2.69E-09	4.22E-04	1.07E-06	7.90E-04	0.00E+00	5.89E-01	1.72E-09	5.89E-01	5.91E-01	7.90E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NFN732	4.76E-04	3.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.84E-02	1.34E-08	1.70E-04	1.91E-03	0.00E+00	0.00E+00	6.44E-13	1.21E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.05E-03	5.18E-01	0.00E+00	6.38E-11	3.12E-09	4.65E-04	7.39E-07	5.53E-04	0.00E+00	5.18E-01	1.31E-09	5.18E-01	5.06E-01	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NFN740	4.44E-04	3.99E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.83E-02	1.34E-08	1.66E-04	1.87E-03	0.00E+00	0.00E+00	6.40E-13	1.21E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.05E-03	5.16E-01	0.00E+00	6.34E-11	3.03E-09	4.54E-04	7.40E-07	5.54E-04	0.00E+00	5.16E-01	1.31E-09	5.16E-01	5.05E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NFN750	4.42E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.83E-02	1.35E-08	1.65E-04	1.86E-03	0.00E+00	0.00E+00	6.42E-13	1.21E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.06E-03	5.15E-01	0.00E+00	6.37E-11	3.00E-09	4.48E-04	7.41E-07	5.58E-04	0.00E+00	5.15E-01	1.31E-09	5.15E-01	5.05E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NFN763	4.41E-04	4.05E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.85E-02	1.36E-08	1.64E-04	1.85E-03	0.00E+00	0.00E+00	6.63E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.06E-03	5.20E-01	0.00E+00	6.39E-11	3.01E-09	4.47E-04	7.45E-07	5.69E-04	0.00E+00	5.20E-01	1.32E-09	5.20E-01	5.08E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NFT306	9.43E-05	5.98E-02	2.44E-07	5.98E-02	9.04E-08	0.00E+00	1.74E+00	2.23E-07	1.71E-05	1.88E-04	0.00E+00	2.50E-04	1.17E-11	2.23E-10	2.11E-03	2.56E-04	0.00E+00	0.00E+00	5.01E-05	5.54E-03	1.06E+00	0.00E+00	7.25E-10	8.10E-10	6.07E-05	4.39E-06	3.34E-03	0.00E+00	1.06E+00	2.13E-08	1.06E+00	1.06E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-03
NFT310	9.41E-05	5.96E-02	2.44E-07	5.96E-02	9.01E-08	0.00E+00	1.74E+00	2.23E-07	1.71E-05	1.87E-04	0.00E+00	2.49E-04	1.17E-11	2.23E-10	2.11E-03	2.55E-04	0.00E+00	0.00E+00	4.99E-05	5.53E-03	1.06E+00	0.00E+00	7.23E-10	8.07E-10	6.05E-05	4.38E-06	3.34E-03	0.00E+00	1.06E+00	2.13E-08	1.06E+00	1.06E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-03
NFT316	8.96E-05	5.68E-02	2.32E-07	5.68E-02	8.58E-08	0.00E+00	1.66E+00	2.12E-07	1.63E-05	1.78E-04	0.00E+00	2.37E-04	1.11E-11	2.12E-10	2.01E-03	2.43E-04	0.00E+00	0.00E+00	4.76E-05	5.27E-03	1.01E+00	0.00E+00	6.88E-10	7.69E-10	5.77E-05	4.17E-06	3.18E-03	0.00E+00	1.01E+00	2.02E-08	1.01E+00	1.01E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-03
NFT320	9.20E-05	5.83E-02	2.38E-07	5.83E-02	8.81E-08	0.00E+00	1.70E+00	2.18E-07	1.67E-05	1.83E-04	0.00E+00	2.44E-04	1.14E-11	2.18E-10	2.06E-03	2.49E-04	0.00E+00	0.00E+00	4.88E-05	5.41E-03	1.03E+00	0.00E+00	7.06E-10	7.89E-10	5.92E-05	4.28E-06	3.26E-03	0.00E+00	1.03E+00	2.08E-08	1.03E+00	1.04E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-03
NFT325	9.91E-05	6.27E-02	2.57E-07	6.27E-02	9.49E-08	0.00E+00	1.83E+00	2.34E-07	1.80E-05	1.97E-04	0.00E+00	2.62E-04	1.23E-11	2.34E-10	2.22E-03	2.68E-04	0.00E+00	0.00E+00	5.26E-05	5.82E-03	1.11E+00	0.00E+00	7.61E-10	8.50E-10	6.37E-05	4.61E-06	3.51E-03	0.00E+00	1.11E+00	2.24E-08	1.11E+00	1.12E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NFT332	1.00E-04	6.36E-02	2.60E-07	6.36E-02	9.61E-08	0.00E+00	1.85E+00	2.38E-07	1.82E-05	2.00E-04	0.00E+00	2.66E-04	1.25E-11	2.37E-10	2.25E-03	2.72E-04	0.00E+00	0.00E+00	5.33E-05	5.90E-03	1.13E+00	0.00E+00	7.71E-10	8.61E-10	6.46E-05	4.67E-06	3.56E-03	0.00E+00	1.13E+00	2.27E-08	1.13E+00	1.13E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-03
NFT340	1.02E-04	6.47E-02	2.65E-07	6.47E-02	9.79E-08	0.00E+00	1.89E+00	2.42E-07	1.85E-05	2.03E-04	0.00E+00	2.71E-04	1.27E-11	2.42E-10	2.29E-03	2.77E-04	0.00E+00	0.00E+00	5.43E-05	6.01E-03	1.15E+00	0.00E+00	7.85E-10	8.77E-10	6.58E-05	4.76E-06	3.62E-03	0.00E+00	1.15E+00	2.31E-08	1.15E+00	1.15E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-03
NFT701	1.29E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.31E-02	7.81E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.61E-13	6.76E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.23E-04	2.89E-01	0.00E+00	3.07E-11	1.05E-09	1.68E-04	5.16E-07	3.86E-04	0.00E+00	2.89E-01	8.14E-10	2.89E-01	2.90E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NFT702	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.56E-10	3.03E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT703	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.24E-09	6.49E-05	7.12E-04	0.00E+00	0.00E+00	3.81E-13	7.38E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.02E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.04E-04	0.00E+00	3.02E-01	8.59E-10	3.02E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT704	1.36E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.41E-02	8.05E-09	6.37E-05	6.99E-04	0.00E+00	0.00E+00	3.77E-13	7.30E-12	5.23E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.54E-04	3.00E-01	0.00E+00	3.29E-11	1.11E-09	1.76E-04	5.37E-07	4.00E-04	0.00E+00	3.00E-01	8.45E-10	3.00E-01	3.00E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
NFT706	3.08E-05	1.95E-02	7.97E-08	1.95E-02	2.95E-08	0.00E+00	5.68E-01	7.28E-08	5.58E-06	6.12E-05	0.00E+00	8.15E-05	3.82E-12	7.28E-11	6.89E-04	8.33E-05	0.00E+00	0.00E+00	1.63E-05	1.81E-03	3.46E-01	0.00E+00	2.36E-10	2.64E-10	1.98E-05	1.43E-06	1.09E-03	0.00E+00	3.46E-01	6.95E-09	3.46E-01	3.47E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	7.01E-04
NFT710	3.10E-05	1.96E-02	8.04E-08	1.96E-02	2.97E-08	0.00E+00	5.73E-01	7.34E-08	5.62E-06	6.17E-05	0.00E+00	8.22E-05	3.85E-12	7.34E-11	6.95E-04	8.40E-05	0.00E+00	0.00E+00	1.65E-05	1.82E-03	3.49E-01	0.00E+00	2.38E-10	2.66E-10	2.00E-05	1.44E-06	1.10E-03	0.00E+00	3.49E-01	7.01E-09	3.49E-01	3.50E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04
NFT716	3.13E-05	1.98E-02	8.11E-08	1.98E-02	3.00E-08	0.00E+00	5.78E-01	7.40E-08	5.67E-06	6.22E-05	0.00E+00	8.28E-05	3.88E-12	7.40E-11	7.01E-04	8.47E-05	0.00E+00	0.00E+00	1.66E-05	1.84E-03	3.52E-01	0.00E+00	2.40E-10	2.68E-10	2.01E-05	1.46E-06	1.11E-03	0.00E+00	3.52E-01	7.06E-09	3.52E-01	3.53E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	7.13E-04
NFT720	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.56E-10	3.03E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT725	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.56E-10	3.03E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT732	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NFT740	3.31E-05	2.10E-02	8.58E-08	2.10E-02	3.17E-08	0.00E+00	6.12E-01	7.84E-08	6.00E-06	6.59E-05	0.00E+00	8.77E-05	4.11E-12	7.83E-11	7.42E-04	8.97E-05	0.00E+00	0.00E+00	1.76E-05	1.95E-03	3.72E-01	0.00E+00	2.54E-10	2.84E-10	2.13E-05	1.54E-06	1.17E-03	0.00E+00	3.72E-01	7.48E-09	3.72E-01	3.74E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	7.55E-04
NFT806	9.80E-05	6.21E-02	2.54E-07	6.21E-02	9.39E-08	0.00E+00	1.81E+00	2.32E-07	1.78E-05	1.95E-04	0.00E+00	2.60E-04	1.22E-11	2.32E-10	2.20E-03	2.66E-04	0.00E+00	0.00E+00	5.20E-05	5.76E-03	1.10E+00	0.00E+00	7.53E-10	8.41E-10	6.31E-05	4.56E-06	3.47E-03	0.00E+00	1.10E+00	2.21E-08	1.10E+00	1.11E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-03
NFT810	9.15E-05	5.79E-02	2.37E-07	5.79E-02	8.76E-08	0.00E+00	1.69E+00	2.16E-07	1.66E-05	1.82E-04	0.00E+00	2.42E-04	1.13E-11	2.16E-10	2.05E-03	2.48E-04	0.00E+00	0.00E+00	4.86E-05	5.37E-03	1.03E+00	0.00E+00	7.02E-10	7.85E-10	5.88E-05	4.26E-06	3.24E-03	0.00E+00	1.03E+00	2.07E-08	1.03E+00	1.03E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-03
NFT816	9.20E-05	5.83E-02	2.38E-07	5.83E-02	8.81E-08	0.00E+00	1.70E+00	2.18E-07	1.67E-05	1.83E-04	0.00E+00	2.44E-04	1.14E-11	2.18E-10	2.06E-03	2.49E-04	0.00E+00	0.00E+00	4.88E-05	5.41E-03	1.03E+00	0.00E+00	7.06E-10	7.89E-10	5.92E-05	4.28E-06	3.26E-03	0.00E+00	1.03E+00	2.08E-08	1.03E+00	1.04E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-03
NFT820	9.49E-05	6.01E-02	2.46E-07	6.01E-02	9.09E-08	0.00E+00	1.75E+00	2.24E-07	1.72E-05	1.89E-04	0.00E+00	2.51E-04	1.18E-11	2.24E-10	2.13E-03	2.57E-04	0.00E+00	0.00E+00	5.04E-05	5.57E-03	1.07E+00	0.00E+00	7.29E-10	8.14E-10	6.10E-05	4.42E-06	3.36E-03	0.00E+00	1.07E+00	2.14E-08	1.07E+00	1.07E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-03
NFT825	9.43E-05	5.98E-02	2.44E-07	5.98E-02	9.04E-08	0.00E+00	1.74E+00	2.23E-07	1.71E-05	1.88E-04	0.00E+00	2.50E-04	1.17E-11	2.23E-10	2.11E-03	2.56E-04	0.00E+00	0.00E+00	5.01E-05	5.54E-03	1.06E+00	0.00E+00	7.25E-10	8.10E-10	6.07E-05	4.39E-06	3.34E-03	0.00E+00	1.06E+00	2.13E-08	1.06E+00	1.06E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-03
NFT832	9.64E-05	6.11E-02	2.50E-07	6.11E-02	9.24E-08	0.00E+00	1.78E+00	2.28E-07	1.75E-05	1.92E-04	0.00E+00	2.55E-04	1.20E-11	2.28E-10	2.16E-03	2.61E-04	0.00E+00	0.00E+00	5.12E-05	5.67E-03	1.08E+00	0.00E+00	7.41E-10	8.28E-10	6.20E-05	4.49E-06	3.42E-03	0.00E+00	1.08E+00	2.18E-08	1.08E+00	1.09E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-03
NFT840	9.67E-05	6.12E-02	2.51E-07	6.12E-02	9.26E-08	0.00E+00	1.79E+00	2.29E-07	1.75E-05	1.92E-04	0.00E+00	2.56E-04	1.20E-11	2.29E-10	2.17E-03	2.62E-04	0.00E+00	0.00E+00	5.13E-05	5.68E-03	1.09E+00	0.00E+00	7.43E-10	8.30E-10	6.22E-05	4.50E-06	3.43E-03	0.00E+00	1.09E+00	2.18E-08	1.09E+00	1.09E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-03
NGN100	5.01E-04	2.77E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	4.13E-02	1.50E-08	1.31E-04	1.42E-03	0.00E+00	0.00E+00	5.04E-13	1.07E-11	7.73E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.30E-03	4.13E-01	0.00E+00	5.02E-11	2.95E-09	3.65E-04	9.05E-07	6.75E-04	0.00E+00	4.13E-01	1.60E-09	4.13E-01	4.23E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
NGN101	4.53E-04	2.23E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.22E-02	1.40E-08	1.27E-04	1.36E-03	0.00E+00	0.00E+00	3.81E-13	7.48E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	7.76E-04	3.15E-01	0.00E+00	4.75E-11	2.71E-09	3.44E-04	5.60E-07	4.19E-04	0.00E+00	3.15E-01	1.38E-09	3.15E-01	3.17E-01	4.19E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NGN102	4.71E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.22E-02	1.40E-08	1.28E-04	1.37E-03	0.00E+00	0.00E+00	3.81E-13	7.47E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	7.76E-04	3.15E-01	0.00E+00	4.74E-11	2.77E-09	3.49E-04	5.60E-07	4.18E-04	0.00E+00	3.15E-01	1.38E-09	3.15E-01	3.17E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NGN103	4.49E-04	2.10E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.18E-02	1.36E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.55E-13	6.90E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	7.29E-04	3.00E-01	0.00E+00	4.58E-11	2.67E-09	3.39E-04	5.31E-07	3.94E-04	0.00E+00	3.00E-01	1.33E-09	3.00E-01	3.04E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
NGN104	4.71E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.22E-02	1.40E-08	1.28E-04	1.37E-03	0.00E+00	0.00E+00	3.80E-13	7.47E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	7.76E-04	3.15E-01	0.00E+00	4.74E-11	2.77E-09	3.49E-04	5.60E-07	4.18E-04	0.00E+00	3.15E-01	1.38E-09	3.15E-01	3.16E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NGN106	4.66E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.48E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.97E-04	2.79E-01	0.00E+00	3.04E-11	2.72E-09	3.41E-04	5.00E-07	3.70E-04	0.00E+00	2.79E-01	7.82E-10	2.79E-01	2.79E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NGN110	4.85E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.50E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.52E-13	6.88E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.08E-11	2.78E-09	3.49E-04	5.03E-07	3.72E-04	0.00E+00	2.79E-01	7.84E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NGN113	5.08E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.51E-02	1.01E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	3.75E-13	7.66E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	1.01E-03	2.93E-01	0.00E+00	3.17E-11	3.01E-09	3.67E-04	7.37E-07	5.55E-04	0.00E+00	2.93E-01	1.26E-09	2.93E-01	2.91E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
NGN116	4.66E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.54E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.03E-04	2.79E-01	0.00E+00	3.10E-11	2.75E-09	3.44E-04	5.04E-07	3.73E-04	0.00E+00	2.79E-01	7.89E-10	2.79E-01	2.79E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NGN120	4.66E-04	2.08E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.57E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.83E-01	0.00E+00	3.11E-11	2.75E-09	3.44E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NGN125	4.67E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.34E-02	7.57E-09	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.83E-01	0.00E+00	3.11E-11	2.73E-09	3.42E-04	5.11E-07	3.78E-04	0.00E+00	2.83E-01	7.91E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NGN132	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.48E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NGN140	4.39E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.81E-13	7.46E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.03E-01	0.00E+00	3.32E-11	2.61E-09	3.28E-04	5.41E-07	4.04E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.04E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05
NGN150	1.41E-04	2.23E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.67E-05	7.29E-04	0.00E+00	0.00E+00	3.98E-13	7.57E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.98E-04	3.10E-01	0.00E+00	3.45E-11	1.16E-09	1.83E-04	5.69E-07	4.20E-04	0.00E+00	3.10E-01	8.86E-10	3.10E-01	3.11E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05
NGN163	4.40E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.44E-02	8.30E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.85E-13	7.50E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.69E-04	3.05E-01	0.00E+00	3.34E-11	2.62E-09	3.29E-04	5.47E-07	4.08E-04	0.00E+00	3.05E-01	8.71E-10	3.05E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-05
NGN200	4.05E-04	4.34E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	5.15E-02	1.61E-08	1.54E-04	1.71E-03	0.00E+00	0.00E+00	7.93E-13	1.47E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.59E-03	6.20E-01	0.00E+00	6.89E-11	2.76E-09	4.29E-04	1.12E-06	8.37E-04	0.00E+00	6.20E-01	1.71E-09	6.20E-01	6.22E-01	8.37E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
NGN201	4.05E-04	4.36E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	5.14E-02	1.62E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	7.94E-13	1.49E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-06	1.60E-03	6.24E-01	0.00E+00	7.04E-11	2.71E-09	4.13E-04	1.13E-06	8.40E-04	0.00E+00	6.24E-01	1.72E-09	6.24E-01	6.25E-01	8.40E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NGN202	4.78E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.94E-02	1.49E-08	1.62E-04	1.86E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.24E-01	0.00E+00	6.68E-11	3.03E-09	4.48E-04	8.01E-07	5.99E-04	0.00E+00	5.24E-01	1.47E-09	5.24E-01	5.09E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NGN203	4.13E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.94E-02	1.69E-08	1.55E-04	1.71E-03	0.00E+00	0.00E+00	6.54E-13	1.23E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.39E-03	5.25E-01	0.00E+00	6.68E-11	2.75E-09	4.32E-04	9.81E-07	7.35E-04	0.00E+00	5.25E-01	1.81E-09	5.25E-01	5.10E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NGN204	4.52E-04	4.03E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	4.94E-02	1.49E-08	1.58E-04	1.82E-03	0.00E+00	0.00E+00	6.54E-13	1.23E-11	8.11E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.25E-01	0.00E+00	6.67E-11	2.92E-09	4.33E-04	8.02E-07	6.03E-04	0.00E+00	5.25E-01	1.49E-09	5.25E-01	5.11E-01	6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NGN206	3.90E-04	3.63E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.79E-02	1.53E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	6.29E-13	1.21E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.34E-03	4.95E-01	0.00E+00	6.14E-11	2.59E-09	4.02E-04	9.47E-07	7.08E-04	0.00E+00	4.95E-01	1.60E-09	4.95E-01	4.85E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NGN210	3.81E-04	3.88E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.93E-02	1.59E-08	1.37E-04	1.52E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.51E-03	5.67E-01	0.00E+00	6.63E-11	2.48E-09	3.74E-04	1.07E-06	7.93E-04	0.00E+00	5.67E-01	1.67E-09	5.67E-01	5.68E-01	7.93E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NGN216	3.80E-04	3.91E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.92E-02	1.64E-08	1.37E-04	1.54E-03	0.00E+00	0.00E+00	7.21E-13	1.39E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.51E-03	5.70E-01	0.00E+00	6.69E-11	2.49E-09	3.76E-04	1.07E-06	7.95E-04	0.00E+00	5.70E-01	1.71E-09	5.70E-01	5.73E-01	7.95E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NGN220	4.00E-04	4.42E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.11E-02	1.69E-08	1.44E-04	1.61E-03	0.00E+00	0.00E+00	7.84E-13	1.50E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.61E-03	6.25E-01	0.00E+00	6.96E-11	2.63E-09	3.94E-04	1.14E-06	8.42E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.28E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NGN225	4.00E-04	4.42E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.13E-02	1.69E-08	1.44E-04	1.61E-03	0.00E+00	0.00E+00	7.84E-13	1.50E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.62E-03	6.25E-01	0.00E+00	6.98E-11	2.63E-09	3.95E-04	1.14E-06	8.54E-04	0.00E+00	6.25E-01	1.77E-09	6.25E-01	6.29E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NGN232	3.97E-04	4.32E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	3.13E-02	1.64E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	7.76E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.58E-03	6.11E-01	0.00E+00	6.85E-11	2.73E-09	4.17E-04	1.12E-06	8.31E-04	0.00E+00	6.11E-01	1.71E-09	6.11E-01	6.14E-01	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NGN240	4.42E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.80E-02	1.33E-08	1.54E-04	1.78E-03	0.00E+00	0.00E+00	6.64E-13	1.23E-11	8.02E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	1.15E-03	5.25E-01	0.00E+00	6.37E-11	2.87E-09	4.18E-04	8.07E-07	6.05E-04	0.00E+00	5.25E-01	1.32E-09	5.25E-01	5.12E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NGN250	4.05E-04	4.06E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.30E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.25E-01	0.00E+00	6.55E-11	2.70E-09	4.17E-04	1.02E-06	7.54E-04	0.00E+00	5.25E-01	1.69E-09	5.25E-01	5.13E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NGN263	4.05E-04	4.09E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.01E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.31E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.45E-03	5.27E-01	0.00E+00	6.55E-11	2.70E-09	4.18E-04	1.03E-06	7.67E-04	0.00E+00	5.27E-01	1.70E-09	5.27E-01	5.14E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NGN300	4.27E-04	6.96E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	4.42E-02	2.48E-08	2.12E-04	2.35E-03	0.00E+00	0.00E+00	1.19E-12	2.29E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.32E-03	9.02E-01	0.00E+00	1.05E-10	3.42E-09	5.93E-04	1.64E-06	1.23E-03	0.00E+00	9.02E-01	2.61E-09	9.02E-01	9.10E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
NGN301	4.11E-04	6.37E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	6.19E-02	1.89E-08	1.93E-04	2.15E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.11E-03	8.28E-01	0.00E+00	9.33E-11	3.18E-09	5.41E-04	1.45E-06	1.09E-03	0.00E+00	8.28E-01	1.97E-09	8.28E-01	8.37E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NGN302	4.07E-04	6.57E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.95E-08	2.02E-04	2.24E-03	0.00E+00	0.00E+00	1.10E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.69E-11	3.28E-09	5.73E-04	1.53E-06	1.15E-03	0.00E+00	8.69E-01	2.01E-09	8.69E-01	8.73E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NGN303	4.29E-04	6.53E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.13E-02	1.90E-08	2.03E-04	2.25E-03	0.00E+00	0.00E+00	1.08E-12	2.05E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.16E-03	8.53E-01	0.00E+00	9.50E-11	3.31E-09	5.72E-04	1.48E-06	1.11E-03	0.00E+00	8.53E-01	1.94E-09	8.53E-01	8.56E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NGN304	4.29E-04	6.54E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.15E-02	1.91E-08	2.03E-04	2.25E-03	0.00E+00	0.00E+00	1.10E-12	2.05E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.16E-03	8.53E-01	0.00E+00	9.51E-11	3.31E-09	5.71E-04	1.48E-06	1.11E-03	0.00E+00	8.53E-01	1.95E-09	8.53E-01	8.57E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NGN306	3.83E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.88E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.10E-03	8.26E-01	0.00E+00	9.28E-11	3.13E-09	5.10E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	1.87E-09	8.26E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NGN310	3.77E-04	5.83E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	3.91E-02	2.13E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.05E-12	1.97E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.05E-03	8.12E-01	0.00E+00	9.02E-11	3.03E-09	4.85E-04	1.43E-06	1.06E-03	0.00E+00	8.12E-01	2.24E-09	8.12E-01	8.22E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NGN316	3.82E-04	6.28E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.06E-02	2.33E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.08E-12	2.28E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-06	2.23E-03	8.80E-01	0.00E+00	9.83E-11	3.08E-09	4.99E-04	1.54E-06	1.16E-03	0.00E+00	8.80E-01	2.43E-09	8.80E-01	8.75E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NGN320	3.99E-04	6.29E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.16E-02	2.37E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.20E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.24E-03	8.81E-01	0.00E+00	9.95E-11	3.22E-09	5.14E-04	1.58E-06	1.18E-03	0.00E+00	8.81E-01	2.49E-09	8.81E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NGN325	3.94E-04	6.25E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	4.11E-02	2.33E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.10E-12	2.19E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-06	2.24E-03	8.81E-01	0.00E+00	9.90E-11	3.17E-09	5.08E-04	1.57E-06	1.18E-03	0.00E+00	8.81E-01	2.47E-09	8.81E-01	8.84E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NGN332	4.14E-04	6.41E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.22E-02	2.08E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.12E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.30E-03	8.98E-01	0.00E+00	1.01E-10	3.39E-09	5.37E-04	1.60E-06	1.19E-03	0.00E+00	8.98E-01	2.16E-09	8.98E-01	9.02E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NGN340	4.14E-04	6.38E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.07E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.28E-03	8.84E-01	0.00E+00	1.00E-10	3.39E-09	5.38E-04	1.59E-06	1.18E-03	0.00E+00	8.84E-01	2.14E-09	8.84E-01	8.92E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NGN350	4.37E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.01E-10	3.40E-09	5.41E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NGN363	4.35E-04	6.42E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.23E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.39E-09	5.32E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NGN400	5.20E-04	8.72E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.38E-02	3.13E-08	2.68E-04	2.92E-03	0.00E+00	0.00E+00	1.44E-12	2.86E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.81E-03	1.14E+00	0.00E+00	1.30E-10	4.27E-09	7.26E-04	1.96E-06	1.49E-03	0.00E+00	1.14E+00	3.22E-09	1.14E+00	1.14E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04
NGN401	5.15E-04	7.79E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.01E-02	2.13E-08	2.54E-04	2.82E-03	0.00E+00	0.00E+00	1.32E-12	2.49E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.43E-03	9.43E-01	0.00E+00	1.15E-10	4.21E-09	7.01E-04	1.73E-06	1.25E-03	0.00E+00	9.43E-01	2.31E-09	9.43E-01	9.54E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
NGN402	5.16E-04	7.79E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.02E-02	2.19E-08	2.55E-04	2.83E-03	0.00E+00	0.00E+00	1.33E-12	2.51E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.45E-03	9.46E-01	0.00E+00	1.15E-10	4.23E-09	7.02E-04	1.74E-06	1.26E-03	0.00E+00	9.46E-01	2.28E-09	9.46E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04

NGN403	5.16E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.01E-02	2.51E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.33E-12	2.52E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-06	2.45E-03	9.45E-01	0.00E+00	1.16E-10	4.29E-09	7.20E-04	1.74E-06	1.27E-03	0.00E+00	9.45E-01	2.64E-09	9.45E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NGN404	5.28E-04	7.80E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.42E-03	9.40E-01	0.00E+00	1.14E-10	4.16E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.40E-01	2.21E-09	9.40E-01	9.50E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NGN406	5.04E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.59E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.61E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NGN410	5.01E-04	7.62E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.03E-02	2.95E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.36E-12	2.66E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.70E-03	1.05E+00	0.00E+00	1.23E-10	4.09E-09	6.46E-04	1.94E-06	1.44E-03	0.00E+00	1.05E+00	3.08E-09	1.05E+00	1.05E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NGN416	5.06E-04	7.75E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	5.10E-02	3.00E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.71E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-06	2.76E-03	1.08E+00	0.00E+00	1.23E-10	4.09E-09	6.55E-04	1.97E-06	1.46E-03	0.00E+00	1.08E+00	3.18E-09	1.08E+00	1.08E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NGN420	5.10E-04	7.96E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.18E-02	3.02E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.38E-12	2.77E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.79E-03	1.11E+00	0.00E+00	1.25E-10	4.12E-09	6.62E-04	1.99E-06	1.49E-03	0.00E+00	1.11E+00	3.18E-09	1.11E+00	1.11E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
NGN425	5.11E-04	7.97E-02	0.00E+00	8.02E-02	0.00E+00	0.00E+00	5.27E-02	3.03E-08	2.45E-04	2.67E-03	0.00E+00	0.00E+00	1.44E-12	2.77E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.78E-03	1.11E+00	0.00E+00	1.28E-10	4.14E-09	6.63E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.20E-09	1.11E+00	1.12E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NGN432	5.30E-04	7.79E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.08E-02	2.54E-08	2.54E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.60E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-06	2.49E-03	9.71E-01	0.00E+00	1.18E-10	4.32E-09	6.89E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.67E-09	9.71E-01	9.77E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NGN440	5.26E-04	7.78E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.70E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.70E-01	0.00E+00	1.19E-10	4.27E-09	6.76E-04	1.77E-06	1.29E-03	0.00E+00	9.70E-01	2.85E-09	9.70E-01	9.76E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NGN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.12E-08	2.43E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.48E-03	9.72E-01	0.00E+00	1.17E-10	4.29E-09	6.75E-04	1.76E-06	1.27E-03	0.00E+00	9.72E-01	2.28E-09	9.72E-01	9.78E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NGN463	5.30E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.55E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.51E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-06	2.90E-03	1.18E+00	0.00E+00	1.34E-10	4.31E-09	6.85E-04	2.07E-06	1.56E-03	0.00E+00	1.18E+00	3.29E-09	1.18E+00	1.19E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NGT306	9.41E-05	5.96E-02	2.44E-07	5.96E-02	9.01E-08	0.00E+00	1.74E+00	2.23E-07	1.71E-05	1.87E-04	0.00E+00	2.49E-04	1.17E-11	2.23E-10	2.11E-03	2.55E-04	0.00E+00	0.00E+00	4.99E-05	5.53E-03	1.06E+00	0.00E+00	7.23E-10	8.07E-10	6.05E-05	4.38E-06	3.34E-03	0.00E+00	1.06E+00	2.13E-08	1.06E+00	1.06E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-03
NGT310	9.28E-05	5.88E-02	2.40E-07	5.88E-02	8.89E-08	0.00E+00	1.71E+00	2.20E-07	1.68E-05	1.85E-04	0.00E+00	2.46E-04	1.15E-11	2.19E-10	2.08E-03	2.51E-04	0.00E+00	0.00E+00	4.92E-05	5.45E-03	1.04E+00	0.00E+00	7.13E-10	7.96E-10	5.97E-05	4.32E-06	3.29E-03	0.00E+00	1.04E+00	2.10E-08	1.04E+00	1.05E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-03
NGT316	9.54E-05	6.04E-02	2.47E-07	6.04E-02	9.14E-08	0.00E+00	1.76E+00	2.26E-07	1.73E-05	1.90E-04	0.00E+00	2.53E-04	1.18E-11	2.26E-10	2.14E-03	2.58E-04	0.00E+00	0.00E+00	5.06E-05	5.61E-03	1.07E+00	0.00E+00	7.33E-10	8.19E-10	6.14E-05	4.44E-06	3.38E-03	0.00E+00	1.07E+00	2.15E-08	1.07E+00	1.08E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-03
NGT320	9.54E-05	6.04E-02	2.47E-07	6.04E-02	9.14E-08	0.00E+00	1.76E+00	2.26E-07	1.73E-05	1.90E-04	0.00E+00	2.53E-04	1.18E-11	2.26E-10	2.14E-03	2.58E-04	0.00E+00	0.00E+00	5.06E-05	5.61E-03	1.07E+00	0.00E+00	7.33E-10	8.19E-10	6.14E-05	4.44E-06	3.38E-03	0.00E+00	1.07E+00	2.15E-08	1.07E+00	1.08E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-03
NGT325	9.93E-05	6.29E-02	2.57E-07	6.29E-02	9.51E-08	0.00E+00	1.83E+00	2.35E-07	1.80E-05	1.98E-04	0.00E+00	2.63E-04	1.23E-11	2.35E-10	2.23E-03	2.69E-04	0.00E+00	0.00E+00	5.27E-05	5.84E-03	1.12E+00	0.00E+00	7.63E-10	8.52E-10	6.39E-05	4.62E-06	3.52E-03	0.00E+00	1.12E+00	2.24E-08	1.12E+00	1.12E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NGT332	9.93E-05	6.29E-02	2.57E-07	6.29E-02	9.51E-08	0.00E+00	1.83E+00	2.35E-07	1.80E-05	1.98E-04	0.00E+00	2.63E-04	1.23E-11	2.35E-10	2.23E-03	2.69E-04	0.00E+00	0.00E+00	5.27E-05	5.84E-03	1.12E+00	0.00E+00	7.63E-10	8.52E-10	6.39E-05	4.62E-06	3.52E-03	0.00E+00	1.12E+00	2.24E-08	1.12E+00	1.12E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NGT340	9.93E-05	6.29E-02	2.57E-07	6.29E-02	9.51E-08	0.00E+00	1.83E+00	2.35E-07	1.80E-05	1.98E-04	0.00E+00	2.63E-04	1.23E-11	2.35E-10	2.23E-03	2.69E-04	0.00E+00	0.00E+00	5.27E-05	5.84E-03	1.12E+00	0.00E+00	7.63E-10	8.52E-10	6.39E-05	4.62E-06	3.52E-03	0.00E+00	1.12E+00	2.24E-08	1.12E+00	1.12E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NGT701	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-02	8.12E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.75E-13	7.24E-12	5.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.58E-04	3.01E-01	0.00E+00	3.27E-11	1.14E-09	1.84E-04	5.41E-07	4.02E-04	0.00E+00	3.01E-01	8.46E-10	3.01E-01	3.01E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NGT702	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.93E-09	6.28E-05	6.89E-04	0.00E+00	0.00E+00	3.73E-13	7.18E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.95E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.94E-04	0.00E+00	2.95E-01	8.32E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05
NGT703	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-02	8.06E-09	6.60E-05	7.25E-04	0.00E+00	0.00E+00	3.74E-13	7.15E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.57E-04	3.01E-01	0.00E+00	3.27E-11	1.13E-09	1.83E-04	5.40E-07	4.02E-04	0.00E+00	3.01E-01	8.41E-10	3.01E-01	3.01E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NGT704	3.31E-05	2.10E-02	8.58E-08	2.10E-02	3.17E-08	0.00E+00	6.12E-01	7.84E-08	6.00E-06	6.59E-05	0.00E+00	8.77E-05	4.11E-12	7.83E-11	7.42E-04	8.97E-05	0.00E+00	0.00E+00	1.76E-05	1.95E-03	3.72E-01	0.00E+00	2.54E-10	2.84E-10	2.13E-05	1.54E-06	1.17E-03	0.00E+00	3.72E-01	7.48E-09	3.72E-01	3.74E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	7.55E-04
NGT706	3.18E-05	2.01E-02	8.24E-08	2.01E-02	3.05E-08	0.00E+00	5.88E-01	7.53E-08	5.77E-06	6.33E-05	0.00E+00	8.42E-05	3.95E-12	7.52E-11	7.12E-04	8.62E-05	0.00E+00	0.00E+00	1.69E-05	1.87E-03	3.58E-01	0.00E+00	2.44E-10	2.73E-10	2.05E-05	1.48E-06	1.13E-03	0.00E+00	3.58E-01	7.18E-09	3.58E-01	3.59E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	7.25E-04
NGT710	3.21E-05	2.03E-02	8.31E-08	2.03E-02	3.07E-08	0.00E+00	5.92E-01	7.59E-08	5.81E-06	6.38E-05	0.00E+00	8.49E-05	3.98E-12	7.59E-11	7.18E-04	8.69E-05	0.00E+00	0.00E+00	1.70E-05	1.88E-03	3.61E-01	0.00E+00	2.46E-10	2.75E-10	2.06E-05	1.49E-06	1.14E-03	0.00E+00	3.61E-01	7.24E-09	3.61E-01	3.62E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
NGT716	3.21E-05	2.03E-02	8.31E-08	2.03E-02	3.07E-08	0.00E+00	5.92E-01	7.59E-08	5.81E-06	6.38E-05	0.00E+00	8.49E-05	3.98E-12	7.59E-11	7.18E-04	8.69E-05	0.00E+00	0.00E+00	1.70E-05	1.88E-03	3.61E-01	0.00E+00	2.46E-10	2.75E-10	2.06E-05	1.49E-06	1.14E-03	0.00E+00	3.61E-01	7.24E-09	3.61E-01	3.62E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
NGT720	3.29E-05	2.08E-02	8.51E-08	2.08E-02	3.15E-08	0.00E+00	6.07E-01	7.77E-08	5.96E-06	6.54E-05	0.00E+00	8.70E-05	4.08E-12	7.77E-11	7.36E-04	8.90E-05	0.00E+00	0.00E+00	1.74E-05	1.93E-03	3.69E-01	0.00E+00	2.52E-10	2.82E-10	2.11E-05	1.53E-06	1.16E-03	0.00E+00	3.69E-01	7.42E-09	3.69E-01	3.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	7.49E-04
NGT725	3.31E-05	2.10E-02	8.58E-08	2.10E-02	3.17E-08	0.00E+00	6.12E-01	7.84E-08	6.00E-06	6.59E-05	0.00E+00	8.77E-05	4.11E-12	7.83E-11	7.42E-04	8.97E-05	0.00E+00	0.00E+00	1.76E-05	1.95E-03	3.72E-01	0.00E+00	2.54E-10	2.84E-10	2.13E-05	1.54E-06	1.17E-03	0.00E+00	3.72E-01	7.48E-09	3.72E-01	3.74E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	7.55E-04
NGT732	3.36E-05	2.13E-02	8.72E-08	2.13E-02	3.22E-08	0.00E+00	6.21E-01	7.96E-08	6.10E-06	6.69E-05	0.00E+00	8.91E-05	4.17E-12	7.96E-11	7.54E-04	9.11E-05	0.00E+00	0.00E+00	1.79E-05	1.98E-03	3.78E-01	0.00E+00	2.58E-10	2.89E-10	2.16E-05	1.57E-06	1.19E-03	0.00E+00	3.78E-01	7.60E-09	3.78E-01	3.79E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	7.67E-04
NGT740	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.10E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
NGT806	9.67E-05	6.12E-02	2.51E-07	6.12E-02	9.26E-08	0.00E+00	1.79E+00	2.29E-07	1.75E-05	1.92E-04	0.00E+00	2.56E-04	1.20E-11	2.29E-10	2.17E-03	2.62E-04	0.00E+00	0.00E+00	5.13E-05	5.68E-03	1.09E+00	0.00E+00	7.43E-10	8.30E-10	6.22E-05	4.50E-06	3.43E-03	0.00E+00	1.09E+00	2.18E-08	1.09E+00	1.09E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-03
NGT810	9.93E-05	6.29E-02	2.57E-07	6.29E-02	9.51E-08	0.00E+00	1.83E+00	2.35E-07	1.80E-05	1.98E-04	0.00E+00	2.63E-04	1.23E-11	2.35E-10	2.23E-03	2.69E-04	0.00E+00	0.00E+00	5.27E-05	5.84E-03	1.12E+00	0.00E+00	7.63E-10	8.52E-10	6.39E-05	4.62E-06	3.52E-03	0.00E+00	1.12E+00	2.24E-08	1.12E+00	1.12E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NGT816	9.78E-05	6.19E-02	2.53E-07	6.19E-02	9.36E-08	0.00E+00	1.81E+00	2.31E-07	1.77E-05	1.95E-04	0.00E+00	2.59E-04	1.21E-11	2.31E-10	2.19E-03	2.65E-04	0.00E+00	0.00E+00	5.19E-05	5.74E-03	1.10E+00	0.00E+00	7.51E-10	8.39E-10	6.29E-05	4.55E-06	3.47E-03	0.00E+00	1.10E+00	2.21E-08	1.10E+00	1.10E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-03
NGT820	1.00E-04	6.36E-02	2.60E-07	6.36E-02	9.61E-08	0.00E+00	1.85E+00	2.38E-07	1.82E-05	2.00E-04	0.00E+00	2.66E-04	1.25E-11	2.37E-10	2.25E-03	2.72E-04	0.00E+00	0.00E+00	5.33E-05	5.90E-03	1.13E+00	0.00E+00	7.71E-10	8.61E-10	6.46E-05	4.67E-06	3.56E-03	0.00E+00	1.13E+00	2.27E-08	1.13E+00	1.13E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-03
NGT825	1.02E-04	6.47E-02	2.65E-07	6.47E-02	9.79E-08	0.00E+00	1.89E+00	2.42E-07	1.85E-05	2.03E-04	0.00E+00	2.71E-04	1.27E-11	2.42E-10	2.29E-03	2.77E-04	0.00E+00	0.00E+00	5.43E-05	6.01E-03	1.15E+00	0.00E+00	7.85E-10	8.77E-10	6.58E-05	4.76E-06	3.62E-03	0.00E+00	1.15E+00	2.31E-08	1.15E+00	1.15E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-03
NGT832	1.03E-04	6.54E-02	2.68E-07	6.54E-02	9.89E-08	0.00E+00	1.91E+00	2.44E-07	1.87E-05	2.05E-04	0.00E+00	2.74E-04	1.28E-11	2.44E-10	2.31E-03	2.80E-04	0.00E+00	0.00E+00	5.48E-05	6.07E-03	1.16E+00	0.00E+00	7.93E-10	8.86E-10	6.64E-05	4.81E-06	3.66E-03	0.00E+00	1.16E+00	2.33E-08	1.16E+00	1.16E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-03
NGT840	1.02E-04	6.46E-02	2.64E-07	6.46E-02	9.76E-08	0.00E+00	1.88E+00	2.41E-07	1.85E-05	2.03E-04	0.00E+00	2.70E-04	1.26E-11	2.41E-10	2.28E-03	2.76E-04	0.00E+00	0.00E+00	5.41E-05	5.99E-03	1.15E+00	0.00E+00	7.83E-10	8.75E-10	6.56E-05	4.75E-06	3.61E-03	0.00E+00	1.15E+00	2.30E-08	1.15E+00	1.15E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NKN100	4.49E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.17E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	7.28E-04	2.87E-01	0.00E+00	4.55E-11	2.67E-09	3.38E-04	5.29E-07	3.93E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.87E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
NKN101	4.67E-04	2.08E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.14E-02	1.33E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.52E-13	6.80E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	7.25E-04	2.86E-01	0.00E+00	4.47E-11	2.73E-09	3.43E-04	5.27E-07	3.91E-04	0.00E+00	2.86E-01	1.31E-09	2.86E-01	2.86E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NKN103	4.49E-04	2.09E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.15E-02	1.33E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.26E-04	2.87E-01	0.00E+00	4.49E-11	2.67E-09	3.38E-04	5.28E-07	3.92E-04	0.00E+00	2.87E-01	1.31E-09	2.87E-01	2.86E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NKN106	4.47E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.31E-02	7.47E-09	1.24E-04	1.32E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.79E-01	0.00E+00	3.04E-11	2.65E-09	3.36E-04	4.99E-07	3.69E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NKN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NKN116	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
NKN120	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.80E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.65E-13	7.07E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.30E-04	2.90E-01	0.00E+00	3.19E-11	1.07E-09	1.71E-04	5.20E-07	3.87E-04	0.00E+00	2.90E-01	8.18E-10	2.90E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
NKN125	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.63E-13	7.03E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	8.14E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
NKN132	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.47E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.62E-04	3.03E-01	0.00E+00	3.33E-11	2.68E-09	3.34E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.66E-10	3.03E-01	3.03E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-05
NKN140	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.26E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.44E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.04E-01	0.00E+00	3.32E-11	2.68E-09	3.34E-04	5.42E-07	4.04E-04	0.00E+00	3.04E-01	8.66E-10	3.04E-01	3.04E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NKN150	1.41E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.46E-02	8.39E-09	6.67E-05	7.30E-04	0.00E+00	0.00E+00	3.99E-13	7.56E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.99E-04	3.10E-01	0.00E+00	3.46E-11	1.16E-09	1.84E-04	5.71E-07	4.21E-04	0.00E+00	3.10E-01	8.87E-10	3.10E-01	3.11E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05
NKN163	4.40E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.44E-02	8.31E-09	1.18E-04	1.31E-03	0.00E+00	0.00E+00	3.85E-13	7.50E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.69E-04	3.05E-01	0.00E+00	3.34E-11	2.62E-09	3.29E-04	5.47E-07	4.08E-04	0.00E+00	3.05E-01	8.71E-10	3.05E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NKN200	4.06E-04	4.55E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	5.22E-02	1.90E-08	1.49E-04	1.65E-03	0.00E+00	0.00E+00	8.31E-13	1.63E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-06	1.69E-03	6.44E-01	0.00E+00	7.24E-11	2.64E-09	4.12E-04	1.22E-06	9.01E-04	0.00E+00	6.44E-01	2.00E-09	6.44E-01	6.46E-01	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NKN201	4.25E-04	3.99E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	4.93E-02	1.45E-08	1.57E-04	1.82E-03	0.00E+00	0.00E+00	6.34E-13	1.22E-11	7.94E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.21E-01	0.00E+00	6.67E-11	2.85E-09	4.28E-04	8.02E-07	6.00E-04	0.00E+00	5.21E-01	1.44E-09	5.21E-01	5.08E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NKN202	4.51E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.94E-02	1.48E-08	1.58E-04	1.82E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.24E-01	0.00E+00	6.68E-11	2.92E-09	4.33E-04	8.01E-07	6.01E-04	0.00E+00	5.24E-01	1.47E-09	5.24E-01	5.10E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NKN203	4.05E-04	4.55E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	5.22E-02	1.90E-08	1.49E-04	1.65E-03	0.00E+00	0.00E+00	8.31E-13	1.64E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-06	1.71E-03	6.44E-01	0.00E+00	7.24E-11	2.64E-09	4.11E-04	1.22E-06	9.03E-04	0.00E+00	6.44E-01	1.99E-09	6.44E-01	6.46E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NKN206	3.90E-04	3.63E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.79E-02	1.53E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	6.29E-13	1.21E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.34E-03	4.95E-01	0.00E+00	6.14E-11	2.59E-09	4.02E-04	9.48E-07	7.08E-04	0.00E+00	4.95E-01	1.60E-09	4.95E-01	4.85E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NKN210	2.47E-04	3.89E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.85E-13	1.33E-11	9.50E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.44E-01	0.00E+00	5.98E-11	2.01E-09	3.20E-04	9.75E-07	7.26E-04	0.00E+00	5.44E-01	1.53E-09	5.44E-01	5.45E-01	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
NKN213	4.16E-04	4.72E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	3.35E-02	1.96E-08	1.47E-04	1.67E-03	0.00E+00	0.00E+00	8.41E-13	1.80E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	2.24E-03	6.72E-01	0.00E+00	7.36E-11	2.75E-09	4.14E-04	1.60E-06	1.29E-03	0.00E+00	6.72E-01	2.19E-09	6.72E-01	6.88E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-04
NKN216	2.41E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.49E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.69E-13	1.29E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.34E-03	5.31E-01	0.00E+00	5.83E-11	1.96E-09	3.13E-04	9.51E-07	7.08E-04	0.00E+00	5.31E-01	1.50E-09	5.31E-01	5.32E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
NKN220	4.00E-04	4.42E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	3.11E-02	1.69E-08	1.44E-04	1.61E-03	0.00E+00	0.00E+00	7.82E-13	1.50E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.61E-03	6.25E-01	0.00E+00	6.96E-11	2.63E-09	3.94E-04	1.14E-06	8.44E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.29E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NKN225	3.86E-04	4.09E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	2.99E-02	1.63E-08	1.39E-04	1.56E-03	0.00E+00	0.00E+00	7.34E-13	1.42E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.55E-03	5.88E-01	0.00E+00	6.75E-11	2.55E-09	3.87E-04	1.10E-06	8.10E-04	0.00E+00	5.88E-01	1.69E-09	5.88E-01	5.92E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NKN232	3.98E-04	4.36E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	3.15E-02	1.65E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	7.89E-13	1.50E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.61E-03	6.23E-01	0.00E+00	6.86E-11	2.73E-09	4.17E-04	1.14E-06	8.40E-04	0.00E+00	6.23E-01	1.71E-09	6.23E-01	6.26E-01	8.40E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
NKN240	4.01E-04	4.03E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.98E-02	1.42E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.83E-13	1.30E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	1.42E-03	5.26E-01	0.00E+00	6.51E-11	2.70E-09	4.17E-04	1.01E-06	7.45E-04	0.00E+00	5.26E-01	1.44E-09	5.26E-01	5.13E-01	7.45E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NKN250	4.05E-04	4.06E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.30E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.25E-01	0.00E+00	6.55E-11	2.70E-09	4.17E-04	1.02E-06	7.54E-04	0.00E+00	5.25E-01	1.69E-09	5.25E-01	5.13E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NKN263	4.05E-04	4.08E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	6.84E-13	1.30E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.45E-03	5.26E-01	0.00E+00	6.55E-11	2.70E-09	4.17E-04	1.03E-06	7.67E-04	0.00E+00	5.26E-01	1.70E-09	5.26E-01	5.13E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NKN300	4.27E-04	6.80E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.36E-02	2.33E-08	2.12E-04	2.35E-03	0.00E+00	0.00E+00	1.14E-12	2.16E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.30E-03	8.88E-01	0.00E+00	1.01E-10	3.45E-09	5.93E-04	1.61E-06	1.20E-03	0.00E+00	8.88E-01	2.45E-09	8.88E-01	8.95E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NKN301	4.07E-04	6.57E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.20E-02	1.95E-08	2.02E-04	2.24E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.69E-01	0.00E+00	9.69E-11	3.28E-09	5.72E-04	1.52E-06	1.15E-03	0.00E+00	8.69E-01	2.11E-09	8.69E-01	8.72E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NKN302	4.26E-04	6.53E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.15E-02	1.91E-08	2.00E-04	2.21E-03	0.00E+00	0.00E+00	1.09E-12	2.05E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.16E-03	8.52E-01	0.00E+00	9.51E-11	3.30E-09	5.59E-04	1.48E-06	1.11E-03	0.00E+00	8.52E-01	1.95E-09	8.52E-01	8.56E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NKN303	4.27E-04	6.98E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.42E-02	2.47E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.32E-03	9.03E-01	0.00E+00	1.04E-10	3.41E-09	5.93E-04	1.64E-06	1.23E-03	0.00E+00	9.03E-01	2.58E-09	9.03E-01	9.12E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NKN304	4.27E-04	7.17E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.43E-02	2.53E-08	2.12E-04	2.35E-03	0.00E+00	0.00E+00	1.19E-12	2.42E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.35E-03	9.25E-01	0.00E+00	1.05E-10	3.43E-09	5.94E-04	1.65E-06	1.24E-03	0.00E+00	9.25E-01	2.58E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NKN306	4.00E-04	5.92E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	3.97E-02	1.84E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.05E-12	1.98E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	2.07E-03	8.25E-01	0.00E+00	9.21E-11	3.14E-09	4.97E-04	1.45E-06	1.07E-03	0.00E+00	8.25E-01	1.81E-09	8.25E-01	8.35E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
NKN310	3.82E-04	6.07E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	4.08E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.14E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-06	2.20E-03	8.51E-01	0.00E+00	9.70E-11	3.07E-09	4.99E-04	1.53E-06	1.16E-03	0.00E+00	8.51E-01	2.43E-09	8.51E-01	8.57E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NKN313	4.07E-04	6.47E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.45E-02	2.41E-08	1.87E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.45E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-06	2.93E-03	1.02E+00	0.00E+00	1.03E-10	3.30E-09	5.32E-04	2.16E-06	1.67E-03	0.00E+00	1.02E+00	2.79E-09	1.02E+00	9.94E-01	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
NKN316	3.82E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.95E-02	2.26E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.42E-01	0.00E+00	9.25E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.42E-01	2.38E-09	8.42E-01	8.43E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NKN320	3.93E-04	6.45E-02	0.00E+00	6.37E-02	0.00E+00	0.00E+00	4.10E-02	2.38E-08	1.83E-04	2.01E-03	0.00E+00	0.00E+00	1.10E-12	2.32E-11	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.25E-03	8.96E-01	0.00E+00	9.91E-11	3.18E-09	5.08E-04	1.57E-06	1.18E-03	0.00E+00	8.96E-01	2.46E-09	8.96E-01	8.94E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
NKN325	3.86E-04	6.04E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	3.96E-02	2.24E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.07E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.40E-06	2.14E-03	8.34E-01	0.00E+00	9.43E-11	3.11E-09	5.05E-04	1.51E-06	1.13E-03	0.00E+00	8.34E-01	2.34E-09	8.34E-01	8.44E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NKN332	4.14E-04	6.42E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.23E-02	1.95E-08	1.93E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.29E-03	8.98E-01	0.00E+00	1.00E-10	3.38E-09	5.40E-04	1.60E-06	1.18E-03	0.00E+00	8.98E-01	1.98E-09	8.98E-01	9.02E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NKN340	4.14E-04	6.38E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.21E-02	1.95E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.10E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.27E-03	8.84E-01	0.00E+00	9.99E-11	3.38E-09	5.41E-04	1.59E-06	1.17E-03	0.00E+00	8.84E-01	2.08E-09	8.84E-01	8.92E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NKN350	4.33E-04	6.42E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.23E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.38E-09	5.29E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NKN363	4.35E-04	6.42E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.23E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.39E-09	5.32E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NKN400	5.25E-04	8.74E-02	0.00E+00	8.71E-02	0.00E+00	0.00E+00	5.36E-02	3.12E-08	2.69E-04	2.93E-03	0.00E+00	0.00E+00	1.43E-12	2.85E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-06	2.79E-03	1.14E+00	0.00E+00	1.29E-10	4.32E-09	7.33E-04	1.95E-06	1.49E-03	0.00E+00	1.14E+00	3.20E-09	1.14E+00	1.14E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.11E-04
NKN401	5.21E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.34E-02	3.10E-08	2.66E-04	2.91E-03	0.00E+00	0.00E+00	1.43E-12	2.84E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.79E-03	1.13E+00	0.00E+00	1.29E-10	4.29E-09	7.28E-04	1.95E-06	1.48E-03	0.00E+00	1.13E+00	3.19E-09	1.13E+00	1.13E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NKN402	5.28E-04	7.73E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.39E-01	0.00E+00	1.14E-10	4.17E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.39E-01	2.20E-09	9.39E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NKN404	5.28E-04	7.80E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.42E-03	9.40E-01	0.00E+00	1.14E-10	4.16E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.40E-01	2.21E-09	9.40E-01	9.50E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NKN406	5.05E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.59E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.61E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NKN410	5.01E-04	7.62E-02	0.00E+00	7.65E-02	0.00E+00	0.00E+00	5.03E-02	2.95E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.35E-12	2.64E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.64E-03	1.03E+00	0.00E+00	1.23E-10	4.10E-09	6.47E-04	1.88E-06	1.41E-03	0.00E+00	1.03E+00	3.05E-09	1.03E+00	1.04E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NKN413	5.07E-04	7.81E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.10E-02	3.00E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.68E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-06	2.70E-03	1.07E+00	0.00E+00	1.24E-10	4.10E-09	6.56E-04	1.90E-06	1.43E-03	0.00E+00	1.07E+00	3.14E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NKN416	4.68E-04	7.37E-02	0.00E+00	7.37E-02	0.00E+00	0.00E+00	4.84E-02	2.77E-08	2.19E-04	2.40E-03	0.00E+00	0.00E+00	1.30E-12	2.51E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-06	2.59E-03	1.03E+00	0.00E+00	1.13E-10	3.80E-09	6.06E-04	1.85E-06	1.37E-03	0.00E+00	1.03E+00	2.91E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04

NKN420	5.13E-04	8.11E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.28E-02	3.05E-08	2.46E-04	2.69E-03	0.00E+00	0.00E+00	1.39E-12	2.81E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.82E-03	1.13E+00	0.00E+00	1.26E-10	4.14E-09	6.65E-04	2.01E-06	1.50E-03	0.00E+00	1.13E+00	3.20E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
NKN425	5.11E-04	7.97E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.27E-02	3.03E-08	2.45E-04	2.67E-03	0.00E+00	0.00E+00	1.44E-12	2.76E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.78E-03	1.11E+00	0.00E+00	1.28E-10	4.14E-09	6.63E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.19E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NKN432	5.44E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NKN440	5.42E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NKN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.26E-08	2.43E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.57E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.50E-03	9.71E-01	0.00E+00	1.18E-10	4.30E-09	6.73E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.34E-09	9.71E-01	9.78E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NKN463	5.70E-04	8.98E-02	0.00E+00	8.98E-02	0.00E+00	0.00E+00	5.89E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.16E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.39E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.26E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
NQN106	4.66E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.71E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.46E-13	6.77E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.92E-01	0.00E+00	3.06E-11	2.74E-09	3.43E-04	5.03E-07	3.70E-04	0.00E+00	2.92E-01	8.00E-10	2.92E-01	2.95E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
NQN110	1.28E-04	2.56E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.62E-02	1.42E-08	6.53E-05	7.07E-04	0.00E+00	0.00E+00	4.59E-13	1.02E-11	7.46E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	1.29E-03	3.96E-01	0.00E+00	3.65E-11	1.18E-09	1.77E-04	8.92E-07	6.77E-04	0.00E+00	3.96E-01	1.75E-09	3.96E-01	4.10E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	8.99E-05
NQN113	5.03E-04	3.06E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.90E-02	1.67E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	5.34E-13	1.25E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	1.36E-03	4.30E-01	0.00E+00	4.03E-11	2.96E-09	3.65E-04	1.10E-06	8.13E-04	0.00E+00	4.30E-01	1.70E-09	4.30E-01	4.40E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
NQN116	1.39E-04	2.70E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.70E-02	1.59E-08	7.00E-05	7.65E-04	0.00E+00	0.00E+00	4.84E-13	1.05E-11	7.59E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	1.30E-03	4.08E-01	0.00E+00	3.89E-11	1.26E-09	1.89E-04	8.94E-07	6.94E-04	0.00E+00	4.08E-01	1.82E-09	4.08E-01	4.19E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	9.60E-05
NQN120	4.80E-04	3.51E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.11E-02	1.62E-08	1.37E-04	1.49E-03	0.00E+00	0.00E+00	5.92E-13	1.40E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.41E-03	4.80E-01	0.00E+00	5.49E-11	2.98E-09	3.80E-04	1.14E-06	8.91E-04	0.00E+00	4.80E-01	1.75E-09	4.80E-01	4.84E-01	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
NQN125	4.93E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.54E-09	1.33E-04	1.45E-03	0.00E+00	0.00E+00	3.82E-13	7.44E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.15E-01	0.00E+00	3.34E-11	2.97E-09	3.69E-04	5.43E-07	4.04E-04	0.00E+00	3.15E-01	8.93E-10	3.15E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
NQN132	4.80E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.59E-02	1.10E-08	1.24E-04	1.42E-03	0.00E+00	0.00E+00	3.99E-13	8.04E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	1.04E-03	3.26E-01	0.00E+00	3.42E-11	2.88E-09	3.53E-04	7.63E-07	5.75E-04	0.00E+00	3.26E-01	1.34E-09	3.26E-01	3.28E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NQN140	4.74E-04	2.68E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.72E-02	1.07E-08	1.24E-04	1.42E-03	0.00E+00	0.00E+00	4.84E-13	9.88E-12	7.62E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	1.28E-03	4.05E-01	0.00E+00	3.80E-11	2.88E-09	3.53E-04	8.91E-07	6.64E-04	0.00E+00	4.05E-01	1.18E-09	4.05E-01	4.18E-01	6.64E-04	0.00E+00	0.00E+00	0.00E+00	9.34E-05
NQN150	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.83E-13	7.46E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.65E-04	3.15E-01	0.00E+00	3.36E-11	2.68E-09	3.34E-04	5.44E-07	4.06E-04	0.00E+00	3.15E-01	8.96E-10	3.15E-01	3.18E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NQN163	4.58E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.44E-02	8.57E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.84E-13	7.48E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.16E-01	0.00E+00	3.37E-11	2.68E-09	3.34E-04	5.46E-07	4.08E-04	0.00E+00	3.16E-01	8.96E-10	3.16E-01	3.19E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
NQN206	3.90E-04	3.63E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	2.79E-02	1.53E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	6.29E-13	1.21E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.34E-03	4.95E-01	0.00E+00	6.14E-11	2.59E-09	4.02E-04	9.47E-07	7.08E-04	0.00E+00	4.95E-01	1.60E-09	4.95E-01	4.85E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
NQN210	3.80E-04	4.17E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.91E-02	1.98E-08	1.31E-04	1.45E-03	0.00E+00	0.00E+00	7.17E-13	1.53E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.62E-03	5.88E-01	0.00E+00	6.38E-11	2.37E-09	3.67E-04	1.18E-06	8.75E-04	0.00E+00	5.88E-01	2.06E-09	5.88E-01	5.87E-01	8.75E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NQN213	4.26E-04	6.18E-02	0.00E+00	6.45E-02	0.00E+00	0.00E+00	3.85E-02	2.28E-08	1.50E-04	1.71E-03	0.00E+00	0.00E+00	1.10E-12	2.70E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-06	3.26E-03	1.17E+00	0.00E+00	8.81E-11	2.82E-09	4.27E-04	2.35E-06	1.77E-03	0.00E+00	1.17E+00	2.82E-09	1.17E+00	1.17E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NQN216	3.95E-04	3.77E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.80E-02	1.54E-08	1.47E-04	1.62E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.42E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.02E-01	0.00E+00	6.12E-11	2.63E-09	4.07E-04	9.77E-07	7.24E-04	0.00E+00	5.02E-01	1.62E-09	5.02E-01	4.92E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NQN220	4.04E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.94E-02	1.60E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.20E-01	0.00E+00	6.48E-11	2.71E-09	4.19E-04	1.00E-06	7.40E-04	0.00E+00	5.20E-01	1.68E-09	5.20E-01	5.08E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NQN225	4.44E-04	4.04E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.79E-02	1.34E-08	1.55E-04	1.80E-03	0.00E+00	0.00E+00	6.48E-13	1.22E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.14E-03	5.21E-01	0.00E+00	6.41E-11	2.90E-09	4.23E-04	8.03E-07	5.98E-04	0.00E+00	5.21E-01	1.32E-09	5.21E-01	5.10E-01	5.98E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NQN232	4.45E-04	4.04E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.79E-02	1.34E-08	1.55E-04	1.80E-03	0.00E+00	0.00E+00	6.48E-13	1.22E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.14E-03	5.22E-01	0.00E+00	6.42E-11	2.90E-09	4.23E-04	8.03E-07	5.98E-04	0.00E+00	5.22E-01	1.33E-09	5.22E-01	5.11E-01	5.98E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NQN240	4.04E-04	3.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.97E-02	1.60E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	6.72E-13	1.30E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.40E-03	5.18E-01	0.00E+00	6.46E-11	2.70E-09	4.18E-04	9.97E-07	7.38E-04	0.00E+00	5.18E-01	1.67E-09	5.18E-01	5.07E-01	7.38E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NQN250	3.98E-04	4.43E-02	0.00E+00	4.45E-02	0.00E+00	0.00E+00	3.18E-02	1.68E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	7.95E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-06	1.63E-03	6.26E-01	0.00E+00	6.94E-11	2.73E-09	4.17E-04	1.15E-06	8.47E-04	0.00E+00	6.26E-01	1.73E-09	6.26E-01	6.29E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
NQN263	3.95E-04	4.49E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	3.20E-02	1.77E-08	1.44E-04	1.60E-03	0.00E+00	0.00E+00	8.06E-13	1.53E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.69E-03	6.36E-01	0.00E+00	7.12E-11	2.62E-09	3.91E-04	1.24E-06	9.14E-04	0.00E+00	6.36E-01	1.83E-09	6.36E-01	6.36E-01	9.14E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NQN306	4.28E-04	6.22E-02	0.00E+00	6.36E-02	0.00E+00	0.00E+00	4.25E-02	2.59E-08	1.59E-04	1.82E-03	0.00E+00	0.00E+00	1.14E-12	2.37E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.38E-03	9.36E-01	0.00E+00	9.72E-11	2.89E-09	4.52E-04	1.71E-06	1.27E-03	0.00E+00	9.36E-01	2.77E-09	9.36E-01	9.50E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NQN310	3.83E-04	5.94E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.95E-02	2.01E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.00E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.12E-03	8.27E-01	0.00E+00	9.32E-11	3.15E-09	5.07E-04	1.49E-06	1.10E-03	0.00E+00	8.27E-01	2.07E-09	8.27E-01	8.38E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NQN313	4.00E-04	6.27E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.37E-08	1.86E-04	2.04E-03	0.00E+00	0.00E+00	1.10E-12	2.20E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.25E-03	8.79E-01	0.00E+00	9.96E-11	3.22E-09	5.15E-04	1.58E-06	1.18E-03	0.00E+00	8.79E-01	2.49E-09	8.79E-01	8.83E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NQN316	4.04E-04	5.94E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.96E-02	1.85E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.00E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.09E-03	8.27E-01	0.00E+00	9.29E-11	3.16E-09	4.99E-04	1.45E-06	1.08E-03	0.00E+00	8.27E-01	1.83E-09	8.27E-01	8.38E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NQN320	4.46E-04	6.42E-02	0.00E+00	6.52E-02	0.00E+00	0.00E+00	4.34E-02	2.66E-08	1.67E-04	1.90E-03	0.00E+00	0.00E+00	1.16E-12	2.39E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.40E-03	9.43E-01	0.00E+00	9.93E-11	3.04E-09	4.75E-04	1.73E-06	1.27E-03	0.00E+00	9.43E-01	2.83E-09	9.43E-01	9.65E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NQN325	4.20E-04	6.21E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	4.09E-02	1.89E-08	1.84E-04	2.02E-03	0.00E+00	0.00E+00	1.11E-12	2.05E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-06	2.19E-03	8.71E-01	0.00E+00	9.66E-11	3.28E-09	5.12E-04	1.50E-06	1.12E-03	0.00E+00	8.71E-01	1.88E-09	8.71E-01	8.74E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NQN340	4.11E-04	6.40E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.22E-02	2.26E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.13E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.29E-03	8.84E-01	0.00E+00	1.01E-10	3.36E-09	5.41E-04	1.61E-06	1.19E-03	0.00E+00	8.84E-01	2.37E-09	8.84E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NQN350	4.34E-04	6.43E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.99E-01	0.00E+00	1.00E-10	3.39E-09	5.29E-04	1.57E-06	1.16E-03	0.00E+00	8.99E-01	1.94E-09	8.99E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NQN363	4.34E-04	6.42E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.28E-03	8.98E-01	0.00E+00	1.00E-10	3.39E-09	5.32E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.03E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NQN406	5.11E-04	7.26E-02	0.00E+00	7.32E-02	0.00E+00	0.00E+00	4.76E-02	2.04E-08	2.28E-04	2.49E-03	0.00E+00	0.00E+00	1.29E-12	2.41E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-06	2.39E-03	9.31E-01	0.00E+00	1.13E-10	4.03E-09	6.23E-04	1.68E-06	1.22E-03	0.00E+00	9.31E-01	2.05E-09	9.31E-01	9.44E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
NQN410	5.13E-04	8.10E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.28E-02	3.05E-08	2.46E-04	2.69E-03	0.00E+00	0.00E+00	1.39E-12	2.80E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-06	2.81E-03	1.13E+00	0.00E+00	1.26E-10	4.23E-09	6.65E-04	1.99E-06	1.49E-03	0.00E+00	1.13E+00	3.20E-09	1.13E+00	1.13E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NQN413	5.18E-04	8.29E-02	0.00E+00	8.31E-02	0.00E+00	0.00E+00	5.33E-02	3.08E-08	2.49E-04	2.67E-03	0.00E+00	0.00E+00	1.40E-12	2.83E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.85E-03	1.14E+00	0.00E+00	1.27E-10	4.19E-09	6.71E-04	2.01E-06	1.51E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
NQN416	5.07E-04	7.41E-02	0.00E+00	7.46E-02	0.00E+00	0.00E+00	4.82E-02	2.22E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.44E-03	9.38E-01	0.00E+00	1.13E-10	4.09E-09	6.42E-04	1.73E-06	1.26E-03	0.00E+00	9.38E-01	2.29E-09	9.38E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
NQN420	5.15E-04	7.54E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	4.96E-02	2.52E-08	2.45E-04	2.66E-03	0.00E+00	0.00E+00	1.34E-12	2.54E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.45E-03	9.48E-01	0.00E+00	1.16E-10	4.21E-09	6.70E-04	1.74E-06	1.27E-03	0.00E+00	9.48E-01	2.64E-09	9.48E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NQN425	5.15E-04	7.59E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	4.98E-02	2.54E-08	2.46E-04	2.66E-03	0.00E+00	0.00E+00	1.35E-12	2.55E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.48E-03	9.62E-01	0.00E+00	1.17E-10	4.22E-09	6.72E-04	1.75E-06	1.28E-03	0.00E+00	9.62E-01	2.66E-09	9.62E-01	9.67E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NQN432	5.46E-04	7.68E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.04E-02	2.08E-08	2.41E-04	2.63E-03	0.00E+00	0.00E+00	1.36E-12	2.53E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.46E-03	9.66E-01	0.00E+00	1.16E-10	4.23E-09	6.65E-04	1.71E-06	1.24E-03	0.00E+00	9.66E-01	2.11E-09	9.66E-01	9.73E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NQN440	5.31E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.07E-02	2.70E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.70E-01	0.00E+00	1.19E-10	4.31E-09	6.85E-04	1.77E-06	1.29E-03	0.00E+00	9.70E-01	2.85E-09	9.70E-01	9.76E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NQN450	5.42E-04	7.68E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.04E-02	2.08E-08	2.38E-04	2.60E-03	0.00E+00	0.00E+00	1.36E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.45E-03	9.67E-01	0.00E+00	1.16E-10	4.23E-09	6.56E-04	1.71E-06	1.24E-03	0.00E+00	9.67E-01	2.11E-09	9.67E-01	9.74E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NQN463	5.28E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.25E-08	2.42E-04	2.63E-03	0.00E+00	0.00E+00	1.37E-12	2.57E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.49E-03	9.71E-01	0.00E+00	1.18E-10	4.26E-09	6.65E-04	1.76E-06	1.28E-03	0.00E+00	9.71E-01	2.34E-09	9.71E-01	9.78E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NRN100	4.93E-04	2.22E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	3.94E-02	1.40E-08	1.32E-04	1.45E-03	0.00E+00	0.00E+00	3.83E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.02E-03	3.25E-01	0.00E+00	4.75E-11	2.96E-09	3.66E-04	7.56E-07	5.64E-04	0.00E+00	3.25E-01	1.64E-09	3.25E-01	3.27E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NRN101	4.67E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.14E-02	1.35E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.47E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	7.18E-04	2.95E-01	0.00E+00	4.48E-11	2.72E-09	3.42E-04	5.24E-07	3.86E-04	0.00E+00	2.95E-01	1.32E-09	2.95E-01	2.99E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NRN102	4.67E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.18E-02	1.36E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.55E-13	6.90E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	7.30E-04	3.00E-01	0.00E+00	4.58E-11	2.74E-09	3.44E-04	5.31E-07	3.94E-04	0.00E+00	3.00E-01	1.33E-09	3.00E-01	3.04E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
NRN103	4.49E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.15E-02	1.35E-08	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.48E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.20E-04	2.96E-01	0.00E+00	4.50E-11	2.66E-09	3.37E-04	5.25E-07	3.87E-04	0.00E+00	2.96E-01	1.32E-09	2.96E-01	2.99E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NRN104	4.71E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.22E-02	1.40E-08	1.28E-04	1.37E-03	0.00E+00	0.00E+00	3.80E-13	7.46E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	7.76E-04	3.15E-01	0.00E+00	4.74E-11	2.77E-09	3.49E-04	5.60E-07	4.18E-04	0.00E+00	3.15E-01	1.38E-09	3.15E-01	3.16E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NRN106	4.90E-04	2.05E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.33E-02	7.77E-09	1.31E-04	1.43E-03	0.00E+00	0.00E+00	3.48E-13	6.87E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.03E-04	2.93E-01	0.00E+00	3.07E-11	2.93E-09	3.62E-04	5.05E-07	3.73E-04	0.00E+00	2.93E-01	8.05E-10	2.93E-01	2.96E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
NRN110	4.48E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.33E-02	7.76E-09	1.24E-04	1.33E-03	0.00E+00	0.00E+00	3.51E-13	6.85E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.04E-04	2.94E-01	0.00E+00	3.11E-11	2.66E-09	3.37E-04	5.07E-07	3.73E-04	0.00E+00	2.94E-01	8.05E-10	2.94E-01	2.99E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NRN116	1.31E-04	2.56E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.62E-02	1.33E-08	6.64E-05	7.24E-04	0.00E+00	0.00E+00	4.60E-13	1.02E-11	7.46E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	1.29E-03	3.96E-01	0.00E+00	3.66E-11	1.20E-09	1.82E-04	8.82E-07	6.72E-04	0.00E+00	3.96E-01	1.67E-09	3.96E-01	4.09E-01	6.72E-04	0.00E+00	0.00E+00	0.00E+00	9.01E-05
NRN120	5.11E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.54E-09	1.34E-04	1.47E-03	0.00E+00	0.00E+00	3.81E-13	7.43E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.14E-01	0.00E+00	3.34E-11	3.03E-09	3.74E-04	5.43E-07	4.04E-04	0.00E+00	3.14E-01	8.92E-10	3.14E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
NRN125	4.93E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.57E-09	1.33E-04	1.45E-03	0.00E+00	0.00E+00	3.82E-13	7.44E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.15E-01	0.00E+00	3.34E-11	2.97E-09	3.69E-04	5.43E-07	4.05E-04	0.00E+00	3.15E-01	8.95E-10	3.15E-01	3.17E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
NRN132	4.98E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.26E-04	1.43E-03	0.00E+00	0.00E+00	3.81E-13	7.44E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.63E-04	3.14E-01	0.00E+00	3.36E-11	2.94E-09	3.58E-04	5.43E-07	4.04E-04	0.00E+00	3.14E-01	8.96E-10	3.14E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NRN140	4.57E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.83E-13	7.45E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.65E-04	3.15E-01	0.00E+00	3.35E-11	2.68E-09	3.34E-04	5.44E-07	4.05E-04	0.00E+00	3.15E-01	8.96E-10	3.15E-01	3.18E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
NRN150	4.98E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.61E-02	1.11E-08	1.26E-04	1.43E-03	0.00E+00	0.00E+00	4.00E-13	8.18E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	1.05E-03	3.28E-01	0.00E+00	3.48E-11	2.96E-09	3.59E-04	7.72E-07	5.75E-04	0.00E+00	3.28E-01	1.23E-09	3.28E-01	3.30E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05
NRN163	4.81E-04	2.26E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.48E-02	8.64E-09	1.25E-04	1.42E-03	0.00E+00	0.00E+00	3.85E-13	7.68E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.77E-04	3.19E-01	0.00E+00	3.43E-11	2.89E-09	3.54E-04	5.53E-07	4.14E-04	0.00E+00	3.19E-01	9.03E-10	3.19E-01	3.22E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05
NRN200	4.43E-04	6.73E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	5.45E-02	2.29E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	1.14E-12	2.73E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	3.26E-03	1.18E+00	0.00E+00	9.25E-11	2.83E-09	4.55E-04	2.32E-06	1.76E-03	0.00E+00	1.18E+00	2.79E-09	1.18E+00	1.19E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NRN201	4.39E-04	3.68E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.01E-01	1.56E-08	1.51E-04	1.76E-03	0.00E+00	0.00E+00	6.28E-13	1.18E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.14E-03	4.98E-01	0.00E+00	6.30E-11	2.81E-09	4.16E-04	8.02E-07	6.00E-04	0.00E+00	4.98E-01	1.61E-09	4.98E-01	4.88E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NRN202	4.01E-04	4.38E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	5.15E-02	1.65E-08	1.46E-04	1.63E-03	0.00E+00	0.00E+00	7.96E-13	1.49E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.61E-03	6.25E-01	0.00E+00	7.06E-11	2.64E-09	4.07E-04	1.13E-06	8.41E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.27E-01	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NRN203	4.43E-04	6.73E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	5.45E-02	2.29E-08	1.58E-04	1.81E-03	0.00E+00	0.00E+00	1.14E-12	2.73E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	3.27E-03	1.18E+00	0.00E+00	9.29E-11	2.83E-09	4.55E-04	2.32E-06	1.77E-03	0.00E+00	1.18E+00	2.79E-09	1.18E+00	1.19E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NRN204	4.43E-04	3.78E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.01E-01	1.57E-08	1.53E-04	1.77E-03	0.00E+00	0.00E+00	6.29E-13	1.18E-11	7.91E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.14E-03	5.05E-01	0.00E+00	6.30E-11	2.84E-09	4.20E-04	8.02E-07	6.01E-04	0.00E+00	5.05E-01	1.62E-09	5.05E-01	4.94E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
NRN206	3.85E-04	4.10E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.96E-02	1.61E-08	1.39E-04	1.55E-03	0.00E+00	0.00E+00	7.38E-13	1.41E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.53E-03	5.90E-01	0.00E+00	6.79E-11	2.55E-09	3.87E-04	1.10E-06	7.99E-04	0.00E+00	5.90E-01	1.71E-09	5.90E-01	5.93E-01	7.99E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NRN210	3.88E-04	4.06E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.97E-02	1.56E-08	1.43E-04	1.57E-03	0.00E+00	0.00E+00	7.30E-13	1.41E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.54E-03	5.86E-01	0.00E+00	6.70E-11	2.61E-09	3.91E-04	1.10E-06	7.99E-04	0.00E+00	5.86E-01	1.64E-09	5.86E-01	5.89E-01	7.99E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NRN216	3.95E-04	3.77E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.80E-02	1.54E-08	1.47E-04	1.62E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.42E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.02E-01	0.00E+00	6.12E-11	2.63E-09	4.07E-04	9.77E-07	7.24E-04	0.00E+00	5.02E-01	1.62E-09	5.02E-01	4.91E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NRN220	4.04E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.94E-02	1.60E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.20E-01	0.00E+00	6.48E-11	2.71E-09	4.19E-04	1.00E-06	7.40E-04	0.00E+00	5.20E-01	1.68E-09	5.20E-01	5.08E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NRN225	4.04E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.96E-02	1.60E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	6.61E-13	1.28E-11	8.78E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.20E-01	0.00E+00	6.49E-11	2.71E-09	4.19E-04	1.00E-06	7.43E-04	0.00E+00	5.20E-01	1.68E-09	5.20E-01	5.09E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NRN232	4.04E-04	3.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	2.97E-02	1.60E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.40E-03	5.18E-01	0.00E+00	6.48E-11	2.70E-09	4.18E-04	9.95E-07	7.40E-04	0.00E+00	5.18E-01	1.67E-09	5.18E-01	5.07E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
NRN240	3.98E-04	4.38E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	3.15E-02	1.66E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	7.90E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.61E-03	6.24E-01	0.00E+00	6.90E-11	2.73E-09	4.17E-04	1.15E-06	8.39E-04	0.00E+00	6.24E-01	1.72E-09	6.24E-01	6.27E-01	8.39E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
NRN250	4.05E-04	4.06E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.30E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	1.43E-03	5.25E-01	0.00E+00	6.54E-11	2.70E-09	4.17E-04	1.02E-06	7.54E-04	0.00E+00	5.25E-01	1.69E-09	5.25E-01	5.12E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NRN263	4.05E-04	4.08E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	6.84E-13	1.30E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.45E-03	5.26E-01	0.00E+00	6.55E-11	2.70E-09	4.17E-04	1.03E-06	7.67E-04	0.00E+00	5.26E-01	1.70E-09	5.26E-01	5.13E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NRN300	4.20E-04	6.47E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	6.25E-02	1.90E-08	1.98E-04	2.19E-03	0.00E+00	0.00E+00	1.08E-12	2.03E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.41E-01	0.00E+00	9.46E-11	3.26E-09	5.54E-04	1.47E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.45E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NRN301	4.21E-04	6.76E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.26E-02	2.31E-08	2.09E-04	2.33E-03	0.00E+00	0.00E+00	1.14E-12	2.14E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-06	2.29E-03	8.84E-01	0.00E+00	9.91E-11	3.41E-09	5.86E-04	1.60E-06	1.20E-03	0.00E+00	8.84E-01	2.42E-09	8.84E-01	8.91E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
NRN302	4.20E-04	6.47E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	6.25E-02	1.90E-08	1.97E-04	2.19E-03	0.00E+00	0.00E+00	1.08E-12	2.03E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.41E-01	0.00E+00	9.46E-11	3.25E-09	5.54E-04	1.47E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.45E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NRN303	4.04E-04	6.59E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	4.20E-02	2.27E-08	2.02E-04	2.25E-03	0.00E+00	0.00E+00	1.11E-12	2.08E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.22E-03	8.68E-01	0.00E+00	9.77E-11	3.26E-09	5.65E-04	1.54E-06	1.17E-03	0.00E+00	8.68E-01	2.36E-09	8.68E-01	8.72E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NRN304	4.11E-04	6.38E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	6.19E-02	1.89E-08	1.93E-04	2.15E-03	0.00E+00	0.00E+00	1.06E-12	2.02E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.11E-03	8.29E-01	0.00E+00	9.34E-11	3.18E-09	5.40E-04	1.46E-06	1.09E-03	0.00E+00	8.29E-01	1.98E-09	8.29E-01	8.39E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NRN306	3.83E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.88E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.10E-03	8.26E-01	0.00E+00	9.28E-11	3.13E-09	5.10E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	1.87E-09	8.26E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NRN310	4.06E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.96E-02	1.85E-08	1.84E-04	2.02E-03	0.00E+00	0.00E+00	1.05E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.08E-03	8.26E-01	0.00E+00	9.28E-11	3.18E-09	5.12E-04	1.45E-06	1.07E-03	0.00E+00	8.26E-01	1.83E-09	8.26E-01	8.37E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NRN316	4.04E-04	5.94E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.95E-02	1.85E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.00E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.09E-03	8.28E-01	0.00E+00	9.30E-11	3.16E-09	4.99E-04	1.45E-06	1.08E-03	0.00E+00	8.28E-01	1.83E-09	8.28E-01	8.39E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NRN320	4.04E-04	6.19E-02	0.00E+00	6.24E-02	0.00E+00	0.00E+00	4.10E-02	2.05E-08	1.87E-04	2.04E-03	0.00E+00	0.00E+00	1.11E-12	2.07E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.21E-03	8.68E-01	0.00E+00	9.72E-11	3.30E-09	5.24E-04	1.54E-06	1.14E-03	0.00E+00	8.68E-01	2.10E-09	8.68E-01	8.75E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NRN325	4.48E-04	6.48E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.37E-02	2.68E-08	1.71E-04	1.92E-03	0.00E+00	0.00E+00	1.17E-12	2.40E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.88E-03	9.55E-01	0.00E+00	9.98E-11	3.10E-09	4.85E-04	2.33E-06	1.71E-03	0.00E+00	9.55E-01	3.07E-09	9.55E-01	9.74E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
NRN332	4.24E-04	6.32E-02	0.00E+00	6.37E-02	0.00E+00	0.00E+00	4.14E-02	1.90E-08	1.87E-04	2.05E-03	0.00E+00	0.00E+00	1.13E-12	2.08E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.22E-03	8.83E-01	0.00E+00	9.83E-11	3.36E-09	5.20E-04	1.52E-06	1.13E-03	0.00E+00	8.83E-01	1.91E-09	8.83E-01	8.85E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
NRN340	4.14E-04	6.38E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.07E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.28E-03	8.84E-01	0.00E+00	1.00E-10	3.39E-09	5.38E-04	1.59E-06	1.18E-03	0.00E+00	8.84E-01	2.14E-09	8.84E-01	8.92E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04

NRN350	4.15E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.95E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.29E-03	8.98E-01	0.00E+00	1.01E-10	3.39E-09	5.41E-04	1.61E-06	1.19E-03	0.00E+00	8.98E-01	2.10E-09	8.98E-01	9.02E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NRN363	4.69E-04	6.69E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.54E-02	2.73E-08	1.76E-04	1.99E-03	0.00E+00	0.00E+00	1.25E-12	2.46E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-06	2.47E-03	9.77E-01	0.00E+00	1.09E-10	3.22E-09	5.02E-04	1.84E-06	1.33E-03	0.00E+00	9.77E-01	2.96E-09	9.77E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
NRN400	5.29E-04	7.73E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.38E-01	0.00E+00	1.14E-10	4.18E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.38E-01	2.20E-09	9.38E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NRN401	5.28E-04	7.73E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.45E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.41E-03	9.38E-01	0.00E+00	1.14E-10	4.17E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.38E-01	2.19E-09	9.38E-01	9.49E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NRN402	5.17E-04	7.80E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.02E-02	2.51E-08	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.46E-03	9.46E-01	0.00E+00	1.17E-10	4.29E-09	7.20E-04	1.74E-06	1.27E-03	0.00E+00	9.46E-01	2.64E-09	9.46E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NRN403	5.17E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.01E-02	2.64E-08	2.64E-04	2.92E-03	0.00E+00	0.00E+00	1.33E-12	2.52E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.16E-10	4.27E-09	7.24E-04	1.75E-06	1.27E-03	0.00E+00	9.45E-01	2.79E-09	9.45E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NRN404	5.28E-04	7.80E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	7.04E-02	2.10E-08	2.51E-04	2.80E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.42E-03	9.40E-01	0.00E+00	1.14E-10	4.16E-09	6.87E-04	1.69E-06	1.23E-03	0.00E+00	9.40E-01	2.21E-09	9.40E-01	9.50E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
NRN406	5.05E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.59E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.61E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NRN410	5.35E-04	8.61E-02	0.00E+00	8.86E-02	0.00E+00	0.00E+00	6.04E-02	3.45E-08	2.23E-04	2.61E-03	0.00E+00	0.00E+00	1.50E-12	3.56E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.84E-03	1.46E+00	0.00E+00	1.32E-10	4.12E-09	6.47E-04	2.89E-06	2.10E-03	0.00E+00	1.46E+00	3.93E-09	1.46E+00	1.49E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
NRN416	5.11E-04	7.47E-02	0.00E+00	7.52E-02	0.00E+00	0.00E+00	4.86E-02	2.65E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.32E-12	2.50E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.44E-03	9.40E-01	0.00E+00	1.15E-10	4.14E-09	6.61E-04	1.74E-06	1.28E-03	0.00E+00	9.40E-01	2.79E-09	9.40E-01	9.50E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
NRN420	5.15E-04	7.54E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	4.96E-02	2.53E-08	2.45E-04	2.66E-03	0.00E+00	0.00E+00	1.34E-12	2.54E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.45E-03	9.48E-01	0.00E+00	1.16E-10	4.20E-09	6.70E-04	1.74E-06	1.27E-03	0.00E+00	9.48E-01	2.64E-09	9.48E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NRN425	5.15E-04	7.57E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	4.97E-02	2.24E-08	2.39E-04	2.57E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.48E-03	9.62E-01	0.00E+00	1.16E-10	4.18E-09	6.53E-04	1.74E-06	1.27E-03	0.00E+00	9.62E-01	2.32E-09	9.62E-01	9.67E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NRN432	5.30E-04	7.77E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.07E-02	2.54E-08	2.54E-04	2.73E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-06	2.49E-03	9.69E-01	0.00E+00	1.19E-10	4.33E-09	6.90E-04	1.76E-06	1.28E-03	0.00E+00	9.69E-01	2.67E-09	9.69E-01	9.75E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
NRN440	5.31E-04	7.78E-02	0.00E+00	7.84E-02	0.00E+00	0.00E+00	5.07E-02	2.55E-08	2.50E-04	2.72E-03	0.00E+00	0.00E+00	1.37E-12	2.59E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.49E-03	9.70E-01	0.00E+00	1.19E-10	4.32E-09	6.90E-04	1.76E-06	1.29E-03	0.00E+00	9.70E-01	2.68E-09	9.70E-01	9.76E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NRN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.12E-08	2.43E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.48E-03	9.72E-01	0.00E+00	1.17E-10	4.29E-09	6.75E-04	1.76E-06	1.27E-03	0.00E+00	9.72E-01	2.28E-09	9.72E-01	9.78E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NRN463	5.51E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.09E-08	2.42E-04	2.66E-03	0.00E+00	0.00E+00	1.37E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.46E-03	9.71E-01	0.00E+00	1.17E-10	4.28E-09	6.71E-04	1.72E-06	1.25E-03	0.00E+00	9.71E-01	2.11E-09	9.71E-01	9.77E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NSN100	5.05E-04	2.71E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	4.10E-02	1.25E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	5.01E-13	1.01E-11	7.69E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.29E-03	4.11E-01	0.00E+00	4.86E-11	3.03E-09	3.71E-04	9.04E-07	6.66E-04	0.00E+00	4.11E-01	1.38E-09	4.11E-01	4.22E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
NSN101	4.70E-04	3.51E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	4.38E-02	1.67E-08	1.36E-04	1.50E-03	0.00E+00	0.00E+00	6.14E-13	1.39E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.40E-03	4.77E-01	0.00E+00	5.55E-11	2.91E-09	3.78E-04	1.14E-06	8.89E-04	0.00E+00	4.77E-01	1.74E-09	4.77E-01	4.82E-01	8.89E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
NSN102	4.67E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.15E-02	1.35E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.48E-13	6.81E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	7.20E-04	2.96E-01	0.00E+00	4.50E-11	2.73E-09	3.43E-04	5.25E-07	3.87E-04	0.00E+00	2.96E-01	1.32E-09	2.96E-01	2.99E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NSN104	4.67E-04	2.06E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.15E-02	1.35E-08	1.26E-04	1.34E-03	0.00E+00	0.00E+00	3.49E-13	6.82E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	7.21E-04	2.96E-01	0.00E+00	4.52E-11	2.73E-09	3.43E-04	5.25E-07	3.87E-04	0.00E+00	2.96E-01	1.32E-09	2.96E-01	2.99E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NSN106	4.66E-04	2.04E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.32E-02	7.71E-09	1.25E-04	1.33E-03	0.00E+00	0.00E+00	3.46E-13	6.78E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.92E-01	0.00E+00	3.06E-11	2.72E-09	3.41E-04	5.00E-07	3.70E-04	0.00E+00	2.92E-01	8.00E-10	2.92E-01	2.96E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
NSN110	4.67E-04	2.07E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.33E-02	7.78E-09	1.26E-04	1.35E-03	0.00E+00	0.00E+00	3.54E-13	6.90E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.07E-04	2.93E-01	0.00E+00	3.11E-11	2.75E-09	3.44E-04	5.07E-07	3.75E-04	0.00E+00	2.93E-01	8.07E-10	2.93E-01	2.98E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
NSN113	5.00E-04	2.74E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.72E-02	1.38E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	4.86E-13	1.06E-11	7.64E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	1.30E-03	4.11E-01	0.00E+00	3.89E-11	2.94E-09	3.64E-04	9.21E-07	6.81E-04	0.00E+00	4.11E-01	1.64E-09	4.11E-01	4.22E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
NSN116	5.11E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.46E-09	1.34E-04	1.47E-03	0.00E+00	0.00E+00	3.81E-13	7.46E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.62E-04	3.14E-01	0.00E+00	3.36E-11	3.03E-09	3.74E-04	5.43E-07	4.05E-04	0.00E+00	3.14E-01	8.83E-10	3.14E-01	3.16E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
NSN120	4.71E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.46E-09	1.28E-04	1.36E-03	0.00E+00	0.00E+00	3.82E-13	7.47E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.14E-01	0.00E+00	3.36E-11	2.77E-09	3.49E-04	5.43E-07	4.06E-04	0.00E+00	3.14E-01	8.83E-10	3.14E-01	3.17E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
NSN125	4.71E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.52E-09	1.28E-04	1.36E-03	0.00E+00	0.00E+00	3.82E-13	7.43E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.15E-01	0.00E+00	3.34E-11	2.77E-09	3.49E-04	5.43E-07	4.04E-04	0.00E+00	3.15E-01	8.92E-10	3.15E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
NSN132	4.57E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.57E-09	1.20E-04	1.33E-03	0.00E+00	0.00E+00	3.82E-13	7.43E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.63E-04	3.14E-01	0.00E+00	3.34E-11	2.70E-09	3.35E-04	5.43E-07	4.04E-04	0.00E+00	3.14E-01	8.95E-10	3.14E-01	3.17E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05
NSN140	4.80E-04	2.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.24E-04	1.42E-03	0.00E+00	0.00E+00	3.83E-13	7.47E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.64E-04	3.15E-01	0.00E+00	3.36E-11	2.88E-09	3.53E-04	5.43E-07	4.05E-04	0.00E+00	3.15E-01	8.96E-10	3.15E-01	3.18E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05
NSN150	4.57E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.58E-09	1.20E-04	1.32E-03	0.00E+00	0.00E+00	3.82E-13	7.46E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.64E-04	3.15E-01	0.00E+00	3.37E-11	2.68E-09	3.33E-04	5.43E-07	4.05E-04	0.00E+00	3.15E-01	8.97E-10	3.15E-01	3.18E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05
NSN163	4.81E-04	2.27E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.62E-02	1.11E-08	1.24E-04	1.42E-03	0.00E+00	0.00E+00	4.02E-13	8.22E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	1.05E-03	3.29E-01	0.00E+00	3.48E-11	2.90E-09	3.54E-04	7.73E-07	5.76E-04	0.00E+00	3.29E-01	1.23E-09	3.29E-01	3.31E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
NSN200	4.01E-04	4.36E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	5.14E-02	1.65E-08	1.46E-04	1.62E-03	0.00E+00	0.00E+00	7.93E-13	1.48E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.60E-03	6.22E-01	0.00E+00	7.04E-11	2.63E-09	4.07E-04	1.13E-06	8.38E-04	0.00E+00	6.22E-01	1.76E-09	6.22E-01	6.24E-01	8.38E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NSN201	4.02E-04	4.39E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	5.15E-02	1.67E-08	1.47E-04	1.63E-03	0.00E+00	0.00E+00	7.97E-13	1.49E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-06	1.60E-03	6.27E-01	0.00E+00	7.06E-11	2.65E-09	4.03E-04	1.14E-06	8.52E-04	0.00E+00	6.27E-01	1.79E-09	6.27E-01	6.28E-01	8.52E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NSN202	4.51E-04	4.02E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.94E-02	1.48E-08	1.58E-04	1.82E-03	0.00E+00	0.00E+00	6.56E-13	1.23E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.14E-03	5.24E-01	0.00E+00	6.68E-11	2.92E-09	4.33E-04	8.01E-07	6.01E-04	0.00E+00	5.24E-01	1.47E-09	5.24E-01	5.10E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
NSN203	4.39E-04	3.68E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	1.01E-01	1.57E-08	1.52E-04	1.76E-03	0.00E+00	0.00E+00	6.28E-13	1.18E-11	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.14E-03	4.98E-01	0.00E+00	6.30E-11	2.81E-09	4.16E-04	8.02E-07	5.99E-04	0.00E+00	4.98E-01	1.62E-09	4.98E-01	4.89E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NSN204	4.01E-04	6.93E-02	0.00E+00	7.16E-02	0.00E+00	0.00E+00	5.99E-02	2.46E-08	1.63E-04	1.86E-03	0.00E+00	0.00E+00	1.18E-12	2.91E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	4.91E-03	1.19E+00	0.00E+00	1.02E-10	2.86E-09	4.72E-04	3.78E-06	2.89E-03	0.00E+00	1.19E+00	2.96E-09	1.19E+00	1.20E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
NSN206	3.85E-04	3.90E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.90E-02	1.53E-08	1.44E-04	1.60E-03	0.00E+00	0.00E+00	7.27E-13	1.39E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.50E-03	5.71E-01	0.00E+00	6.46E-11	2.62E-09	4.01E-04	1.06E-06	7.85E-04	0.00E+00	5.71E-01	1.60E-09	5.71E-01	5.75E-01	7.85E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
NSN210	3.87E-04	3.68E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.80E-02	1.35E-08	1.44E-04	1.60E-03	0.00E+00	0.00E+00	6.33E-13	1.23E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.33E-03	4.96E-01	0.00E+00	6.12E-11	2.60E-09	4.02E-04	9.44E-07	7.01E-04	0.00E+00	4.96E-01	1.37E-09	4.96E-01	4.87E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NSN213	4.30E-04	3.67E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.63E-02	1.28E-08	1.48E-04	1.73E-03	0.00E+00	0.00E+00	6.16E-13	1.17E-11	7.82E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.13E-03	4.93E-01	0.00E+00	6.03E-11	2.78E-09	4.05E-04	8.00E-07	5.93E-04	0.00E+00	4.93E-01	1.27E-09	4.93E-01	4.86E-01	5.93E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NSN216	3.95E-04	3.77E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.80E-02	1.54E-08	1.47E-04	1.62E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.42E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.02E-01	0.00E+00	6.12E-11	2.63E-09	4.07E-04	9.77E-07	7.24E-04	0.00E+00	5.02E-01	1.62E-09	5.02E-01	4.91E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NSN220	4.00E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.94E-02	1.42E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.20E-01	0.00E+00	6.48E-11	2.71E-09	4.19E-04	9.97E-07	7.38E-04	0.00E+00	5.20E-01	1.44E-09	5.20E-01	5.09E-01	7.38E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NSN225	4.04E-04	4.01E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.96E-02	1.60E-08	1.51E-04	1.67E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.40E-03	5.20E-01	0.00E+00	6.49E-11	2.71E-09	4.19E-04	1.00E-06	7.43E-04	0.00E+00	5.20E-01	1.68E-09	5.20E-01	5.08E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NSN232	4.02E-04	4.03E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.98E-02	1.42E-08	1.50E-04	1.67E-03	0.00E+00	0.00E+00	6.85E-13	1.30E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.42E-03	5.26E-01	0.00E+00	6.49E-11	2.71E-09	4.17E-04	1.00E-06	7.48E-04	0.00E+00	5.26E-01	1.45E-09	5.26E-01	5.13E-01	7.48E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NSN240	4.05E-04	4.02E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.98E-02	1.60E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.83E-13	1.30E-11	8.78E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	1.42E-03	5.26E-01	0.00E+00	6.47E-11	2.70E-09	4.17E-04	1.01E-06	7.47E-04	0.00E+00	5.26E-01	1.68E-09	5.26E-01	5.12E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NSN250	4.05E-04	4.06E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	3.00E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.30E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.43E-03	5.25E-01	0.00E+00	6.55E-11	2.70E-09	4.17E-04	1.02E-06	7.54E-04	0.00E+00	5.25E-01	1.69E-09	5.25E-01	5.13E-01	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NSN263	4.05E-04	4.09E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	3.01E-02	1.63E-08	1.50E-04	1.66E-03	0.00E+00	0.00E+00	6.85E-13	1.31E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.45E-03	5.27E-01	0.00E+00	6.55E-11	2.70E-09	4.18E-04	1.03E-06	7.67E-04	0.00E+00	5.27E-01	1.70E-09	5.27E-01	5.14E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
NSN300	4.26E-04	6.80E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.36E-02	2.33E-08	2.12E-04	2.35E-03	0.00E+00	0.00E+00	1.14E-12	2.16E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.30E-03	8.88E-01	0.00E+00	1.01E-10	3.45E-09	5.93E-04	1.61E-06	1.20E-03	0.00E+00	8.88E-01	2.45E-09	8.88E-01	8.95E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NSN301	4.07E-04	6.61E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.22E-02	2.27E-08	2.04E-04	2.26E-03	0.00E+00	0.00E+00	1.11E-12	2.09E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-06	2.22E-03	8.69E-01	0.00E+00	9.80E-11	3.28E-09	5.69E-04	1.55E-06	1.17E-03	0.00E+00	8.69E-01	2.37E-09	8.69E-01	8.73E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NSN302	4.20E-04	6.47E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	6.25E-02	1.90E-08	1.97E-04	2.19E-03	0.00E+00	0.00E+00	1.08E-12	2.03E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.41E-01	0.00E+00	9.46E-11	3.25E-09	5.54E-04	1.47E-06	1.11E-03	0.00E+00	8.41E-01	2.00E-09	8.41E-01	8.45E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NSN303	4.06E-04	6.60E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.22E-02	2.28E-08	2.03E-04	2.26E-03	0.00E+00	0.00E+00	1.11E-12	2.09E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-06	2.22E-03	8.69E-01	0.00E+00	9.80E-11	3.28E-09	5.69E-04	1.55E-06	1.17E-03	0.00E+00	8.69E-01	2.37E-09	8.69E-01	8.74E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
NSN304	4.29E-04	6.54E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.13E-02	1.90E-08	2.03E-04	2.25E-03	0.00E+00	0.00E+00	1.08E-12	2.05E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.16E-03	8.53E-01	0.00E+00	9.50E-11	3.31E-09	5.72E-04	1.48E-06	1.11E-03	0.00E+00	8.53E-01	1.94E-09	8.53E-01	8.57E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NSN306	3.80E-04	5.95E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.95E-02	2.09E-08	1.79E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.12E-03	8.25E-01	0.00E+00	9.37E-11	3.09E-09	5.04E-04	1.49E-06	1.11E-03	0.00E+00	8.25E-01	2.20E-09	8.25E-01	8.35E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NSN310	3.83E-04	5.93E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	3.95E-02	1.88E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	2.00E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.11E-03	8.26E-01	0.00E+00	9.29E-11	3.13E-09	5.10E-04	1.49E-06	1.10E-03	0.00E+00	8.26E-01	1.88E-09	8.26E-01	8.37E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NSN313	3.83E-04	5.93E-02	0.00E+00	5.96E-02	0.00E+00	0.00E+00	3.95E-02	1.86E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.06E-12	1.99E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-06	2.11E-03	8.27E-01	0.00E+00	9.29E-11	3.14E-09	5.10E-04	1.49E-06	1.10E-03	0.00E+00	8.27E-01	1.96E-09	8.27E-01	8.38E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NSN316	3.85E-04	5.95E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	3.95E-02	1.88E-08	1.82E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.01E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.12E-03	8.29E-01	0.00E+00	9.31E-11	3.15E-09	5.11E-04	1.49E-06	1.10E-03	0.00E+00	8.29E-01	1.89E-09	8.29E-01	8.41E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NSN320	4.03E-04	6.19E-02	0.00E+00	6.24E-02	0.00E+00	0.00E+00	4.10E-02	1.92E-08	1.87E-04	2.04E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	2.20E-03	8.69E-01	0.00E+00	9.69E-11	3.28E-09	5.27E-04	1.54E-06	1.14E-03	0.00E+00	8.69E-01	2.04E-09	8.69E-01	8.75E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NSN325	4.03E-04	6.22E-02	0.00E+00	6.28E-02	0.00E+00	0.00E+00	4.10E-02	1.92E-08	1.87E-04	2.04E-03	0.00E+00	0.00E+00	1.11E-12	2.06E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	2.20E-03	8.71E-01	0.00E+00	9.69E-11	3.28E-09	5.27E-04	1.54E-06	1.15E-03	0.00E+00	8.71E-01	2.05E-09	8.71E-01	8.75E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NSN332	4.24E-04	6.32E-02	0.00E+00	6.37E-02	0.00E+00	0.00E+00	4.14E-02	1.90E-08	1.87E-04	2.05E-03	0.00E+00	0.00E+00	1.13E-12	2.08E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.22E-03	8.83E-01	0.00E+00	9.83E-11	3.36E-09	5.20E-04	1.52E-06	1.13E-03	0.00E+00	8.83E-01	1.91E-09	8.83E-01	8.85E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
NSN340	4.14E-04	6.38E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.07E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-06	2.28E-03	8.84E-01	0.00E+00	1.00E-10	3.39E-09	5.38E-04	1.59E-06	1.18E-03	0.00E+00	8.84E-01	2.14E-09	8.84E-01	8.92E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NSN350	4.37E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.92E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.10E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.28E-03	8.98E-01	0.00E+00	1.01E-10	3.40E-09	5.41E-04	1.57E-06	1.16E-03	0.00E+00	8.98E-01	1.94E-09	8.98E-01	9.02E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NSN363	4.16E-04	6.44E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	1.95E-08	1.93E-04	2.10E-03	0.00E+00	0.00E+00	1.15E-12	2.11E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.29E-03	8.98E-01	0.00E+00	1.01E-10	3.40E-09	5.44E-04	1.61E-06	1.19E-03	0.00E+00	8.98E-01	2.10E-09	8.98E-01	9.03E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NSN400	5.17E-04	7.79E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.02E-02	2.20E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.33E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.45E-03	9.46E-01	0.00E+00	1.16E-10	4.24E-09	7.02E-04	1.73E-06	1.26E-03	0.00E+00	9.46E-01	2.28E-09	9.46E-01	9.56E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
NSN401	5.18E-04	7.81E-02	0.00E+00	7.87E-02	0.00E+00	0.00E+00	5.02E-02	2.63E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.34E-12	2.53E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.45E-03	9.45E-01	0.00E+00	1.17E-10	4.27E-09	7.24E-04	1.74E-06	1.27E-03	0.00E+00	9.45E-01	2.77E-09	9.45E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NSN402	5.21E-04	8.70E-02	0.00E+00	8.64E-02	0.00E+00	0.00E+00	5.34E-02	3.12E-08	2.66E-04	2.90E-03	0.00E+00	0.00E+00	1.44E-12	2.92E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-06	2.79E-03	1.14E+00	0.00E+00	1.29E-10	4.30E-09	7.28E-04	1.96E-06	1.49E-03	0.00E+00	1.14E+00	3.19E-09	1.14E+00	1.14E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NSN403	5.22E-04	8.72E-02	0.00E+00	8.71E-02	0.00E+00	0.00E+00	5.38E-02	3.12E-08	2.69E-04	2.92E-03	0.00E+00	0.00E+00	1.44E-12	2.86E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-06	3.14E-03	1.14E+00	0.00E+00	1.30E-10	4.27E-09	7.36E-04	2.32E-06	1.77E-03	0.00E+00	1.14E+00	3.42E-09	1.14E+00	1.14E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
NSN404	5.15E-04	7.86E-02	0.00E+00	7.89E-02	0.00E+00	0.00E+00	4.97E-02	2.13E-08	2.54E-04	2.83E-03	0.00E+00	0.00E+00	1.33E-12	2.49E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-06	2.44E-03	9.45E-01	0.00E+00	1.15E-10	4.20E-09	7.01E-04	1.74E-06	1.26E-03	0.00E+00	9.45E-01	2.32E-09	9.45E-01	9.55E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
NSN406	5.04E-04	7.34E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.81E-02	2.47E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.31E-12	2.45E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.34E-01	0.00E+00	1.15E-10	4.21E-09	6.59E-04	1.72E-06	1.26E-03	0.00E+00	9.34E-01	2.61E-09	9.34E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NSN410	5.07E-04	7.38E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.81E-02	2.62E-08	2.40E-04	2.64E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.44E-03	9.36E-01	0.00E+00	1.15E-10	4.22E-09	6.53E-04	1.74E-06	1.27E-03	0.00E+00	9.36E-01	2.77E-09	9.36E-01	9.47E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NSN413	5.07E-04	7.38E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.82E-02	2.49E-08	2.40E-04	2.64E-03	0.00E+00	0.00E+00	1.32E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-06	2.44E-03	9.36E-01	0.00E+00	1.15E-10	4.14E-09	6.58E-04	1.73E-06	1.26E-03	0.00E+00	9.36E-01	2.63E-09	9.36E-01	9.47E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
NSN416	5.37E-04	8.68E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	6.07E-02	3.46E-08	2.24E-04	2.62E-03	0.00E+00	0.00E+00	1.51E-12	3.58E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.84E-03	1.47E+00	0.00E+00	1.32E-10	4.14E-09	6.50E-04	2.90E-06	2.10E-03	0.00E+00	1.47E+00	3.94E-09	1.47E+00	1.50E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
NSN420	5.15E-04	7.54E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	4.96E-02	2.52E-08	2.45E-04	2.66E-03	0.00E+00	0.00E+00	1.34E-12	2.54E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.45E-03	9.48E-01	0.00E+00	1.16E-10	4.21E-09	6.70E-04	1.74E-06	1.27E-03	0.00E+00	9.48E-01	2.64E-09	9.48E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NSN425	5.16E-04	7.57E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	4.97E-02	2.24E-08	2.39E-04	2.57E-03	0.00E+00	0.00E+00	1.34E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.48E-03	9.62E-01	0.00E+00	1.16E-10	4.18E-09	6.53E-04	1.74E-06	1.27E-03	0.00E+00	9.62E-01	2.32E-09	9.62E-01	9.67E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NSN432	5.29E-04	7.75E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.05E-02	2.25E-08	2.46E-04	2.63E-03	0.00E+00	0.00E+00	1.36E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	9.70E-01	0.00E+00	1.17E-10	4.26E-09	6.68E-04	1.75E-06	1.28E-03	0.00E+00	9.70E-01	2.33E-09	9.70E-01	9.76E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
NSN440	5.40E-04	7.67E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.04E-02	2.08E-08	2.36E-04	2.59E-03	0.00E+00	0.00E+00	1.35E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.46E-03	9.66E-01	0.00E+00	1.16E-10	4.20E-09	6.50E-04	1.71E-06	1.24E-03	0.00E+00	9.66E-01	2.11E-09	9.66E-01	9.73E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NSN450	5.33E-04	7.81E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.12E-08	2.43E-04	2.64E-03	0.00E+00	0.00E+00	1.37E-12	2.56E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.48E-03	9.72E-01	0.00E+00	1.17E-10	4.29E-09	6.75E-04	1.76E-06	1.27E-03	0.00E+00	9.72E-01	2.28E-09	9.72E-01	9.78E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NSN463	5.51E-04	7.80E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.08E-02	2.09E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.37E-12	2.55E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-06	2.46E-03	9.71E-01	0.00E+00	1.17E-10	4.30E-09	6.65E-04	1.72E-06	1.25E-03	0.00E+00	9.71E-01	2.11E-09	9.71E-01	9.77E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
NT101C	1.31E-03	3.67E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.15E-04	3.44E-03	0.00E+00	0.00E+00	5.42E-13	1.20E-11	7.60E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	1.12E-03	4.66E-01	0.00E+00	4.77E-11	7.04E-09	8.77E-04	7.78E-07	5.89E-04	0.00E+00	4.66E-01	1.29E-09	4.66E-01	4.63E-01	5.89E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NT102C	1.28E-03	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.21E-02	1.27E-08	3.03E-04	3.31E-03	0.00E+00	0.00E+00	5.49E-13	1.22E-11	7.63E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	1.13E-03	4.67E-01	0.00E+00	4.80E-11	6.76E-09	8.53E-04	7.83E-07	5.97E-04	0.00E+00	4.67E-01	1.32E-09	4.67E-01	4.68E-01	5.97E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
NT104C	1.33E-03	3.70E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.19E-02	1.24E-08	3.17E-04	3.47E-03	0.00E+00	0.00E+00	5.43E-13	1.21E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.69E-01	0.00E+00	4.81E-11	7.09E-09	8.84E-04	7.81E-07	5.92E-04	0.00E+00	4.69E-01	1.29E-09	4.69E-01	4.65E-01	5.92E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NT106C	1.37E-03	4.34E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.49E-02	1.44E-08	3.36E-04	3.60E-03	0.00E+00	0.00E+00	7.17E-13	1.44E-11	9.43E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.78E-03	5.24E-01	0.00E+00	4.92E-11	7.10E-09	8.96E-04	1.28E-06	9.72E-04	0.00E+00	5.24E-01	1.71E-09	5.24E-01	5.27E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
NT110C	1.34E-03	3.53E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.08E-02	1.19E-08	3.21E-04	3.43E-03	0.00E+00	0.00E+00	5.16E-13	1.13E-11	7.31E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.55E-01	0.00E+00	4.52E-11	7.00E-09	8.74E-04	7.57E-07	5.71E-04	0.00E+00	4.55E-01	1.24E-09	4.55E-01	4.53E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
NT116C	1.33E-03	3.53E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.08E-02	1.19E-08	3.24E-04	3.43E-03	0.00E+00	0.00E+00	5.17E-13	1.13E-11	7.31E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.09E-03	4.55E-01	0.00E+00	4.52E-11	7.04E-09	8.83E-04	7.57E-07	5.71E-04	0.00E+00	4.55E-01	1.24E-09	4.55E-01	4.53E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
NT120C	1.33E-03	3.53E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.29E-02	1.41E-08	3.31E-04	3.50E-03	0.00E+00	0.00E+00	5.47E-13	1.24E-11	7.89E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	1.53E-03	4.55E-01	0.00E+00	4.73E-11	7.03E-09	9.02E-04	1.09E-06	8.31E-04	0.00E+00	4.55E-01	1.67E-09	4.55E-01	4.52E-01	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
NT125C	1.34E-03	3.65E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.36E-02	1.44E-08	3.32E-04	3.53E-03	0.00E+00	0.00E+00	5.67E-13	1.26E-11	8.06E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	1.56E-03	4.60E-01	0.00E+00	4.82E-11	7.09E-09	9.10E-04	1.10E-06	8.57E-04	0.00E+00	4.60E-01	1.71E-09	4.60E-01	4.57E-01	8.57E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
NT132C	1.25E-03	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	2.94E-04	3.22E-03	0.00E+00	0.00E+00	5.33E-13	1.19E-11	7.42E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	1.10E-03	4.54E-01	0.00E+00	4.67E-11	6.57E-09	8.30E-04	7.61E-07	5.80E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.55E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
NT140C	1.33E-03	3.65E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.33E-02	1.25E-08	3.31E-04	3.52E-03	0.00E+00	0.00E+00	5.64E-13	1.26E-11	8.01E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.57E-03	4.55E-01	0.00E+00	4.84E-11	6.93E-09	9.03E-04	1.13E-06	8.75E-04	0.00E+00	4.55E-01	1.48E-09	4.55E-01	4.56E-01	8.75E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04

NT150C	1.36E-03	3.80E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	2.38E-02	1.44E-08	3.30E-04	3.60E-03	0.00E+00	0.00E+00	5.72E-13	1.30E-11	8.15E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.26E-03	4.80E-01	0.00E+00	4.94E-11	7.16E-09	9.26E-04	8.72E-07	6.89E-04	0.00E+00	4.80E-01	1.57E-09	4.80E-01	4.77E-01	6.89E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
NT163C	1.36E-03	3.94E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.41E-02	1.26E-08	3.26E-04	3.56E-03	0.00E+00	0.00E+00	6.05E-13	1.33E-11	8.21E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.26E-03	4.80E-01	0.00E+00	4.95E-11	7.32E-09	9.21E-04	8.72E-07	6.89E-04	0.00E+00	4.80E-01	1.35E-09	4.80E-01	4.78E-01	6.89E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
NT201C	2.62E-03	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	3.99E-02	2.05E-08	6.02E-04	6.51E-03	0.00E+00	0.00E+00	1.04E-12	2.06E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.86E-03	8.56E-01	0.00E+00	7.90E-11	1.34E-08	1.70E-03	1.29E-06	9.70E-04	0.00E+00	8.56E-01	2.09E-09	8.56E-01	8.54E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
NT202C	2.63E-03	6.57E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.10E-02	2.39E-08	6.04E-04	6.52E-03	0.00E+00	0.00E+00	1.08E-12	2.29E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-06	1.95E-03	8.75E-01	0.00E+00	8.85E-11	1.35E-08	1.70E-03	1.37E-06	1.01E-03	0.00E+00	8.75E-01	2.44E-09	8.75E-01	8.75E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NT204C	2.56E-03	5.50E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	3.71E-02	1.93E-08	5.84E-04	6.33E-03	0.00E+00	0.00E+00	8.36E-13	1.75E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-06	1.54E-03	6.46E-01	0.00E+00	7.31E-11	1.29E-08	1.65E-03	1.09E-06	8.17E-04	0.00E+00	6.46E-01	1.96E-09	6.46E-01	6.14E-01	8.17E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-04
NT206C	2.64E-03	6.84E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.09E-02	2.70E-08	6.20E-04	6.63E-03	0.00E+00	0.00E+00	1.02E-12	2.37E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.27E-06	2.05E-03	8.53E-01	0.00E+00	8.80E-11	1.37E-08	1.74E-03	1.45E-06	1.10E-03	0.00E+00	8.53E-01	2.77E-09	8.53E-01	8.57E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NT210C	2.39E-03	6.51E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	3.83E-02	2.24E-08	5.59E-04	6.06E-03	0.00E+00	0.00E+00	9.51E-13	2.21E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-06	1.97E-03	8.11E-01	0.00E+00	8.33E-11	1.23E-08	1.57E-03	1.37E-06	1.04E-03	0.00E+00	8.11E-01	2.33E-09	8.11E-01	8.23E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
NT216C	2.26E-03	6.52E-02	0.00E+00	6.52E-02	0.00E+00	0.00E+00	3.89E-02	2.24E-08	5.34E-04	5.85E-03	0.00E+00	0.00E+00	9.68E-13	2.16E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-06	1.99E-03	8.24E-01	0.00E+00	8.47E-11	1.19E-08	1.51E-03	1.38E-06	1.05E-03	0.00E+00	8.24E-01	2.33E-09	8.24E-01	8.25E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04
NT220C	2.69E-03	6.78E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	4.14E-02	2.57E-08	6.31E-04	6.73E-03	0.00E+00	0.00E+00	9.64E-13	2.34E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.06E-03	8.46E-01	0.00E+00	8.64E-11	1.41E-08	1.77E-03	1.46E-06	1.10E-03	0.00E+00	8.46E-01	2.70E-09	8.46E-01	8.53E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NT225C	2.77E-03	7.05E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.34E-02	2.78E-08	6.49E-04	6.97E-03	0.00E+00	0.00E+00	1.07E-12	2.40E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.13E-03	9.08E-01	0.00E+00	8.98E-11	1.46E-08	1.82E-03	1.52E-06	1.15E-03	0.00E+00	9.08E-01	2.86E-09	9.08E-01	9.05E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NT232C	2.75E-03	7.19E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.36E-02	2.79E-08	6.42E-04	6.96E-03	0.00E+00	0.00E+00	1.08E-12	2.41E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.20E-03	9.29E-01	0.00E+00	9.05E-11	1.44E-08	1.80E-03	1.54E-06	1.17E-03	0.00E+00	9.29E-01	2.87E-09	9.29E-01	9.18E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NT240C	2.76E-03	7.29E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.30E-02	2.79E-08	6.51E-04	7.04E-03	0.00E+00	0.00E+00	1.07E-12	2.39E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-06	2.25E-03	9.35E-01	0.00E+00	9.02E-11	1.47E-08	1.81E-03	1.58E-06	1.23E-03	0.00E+00	9.35E-01	2.84E-09	9.35E-01	9.23E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NT250C	2.79E-03	7.07E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.22E-02	2.44E-08	6.16E-04	6.79E-03	0.00E+00	0.00E+00	1.10E-12	2.37E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-06	2.06E-03	9.19E-01	0.00E+00	9.08E-11	1.42E-08	1.74E-03	1.43E-06	1.10E-03	0.00E+00	9.19E-01	2.48E-09	9.19E-01	9.10E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NT263C	2.84E-03	7.28E-02	0.00E+00	7.26E-02	0.00E+00	0.00E+00	4.31E-02	2.56E-08	6.57E-04	7.08E-03	0.00E+00	0.00E+00	1.11E-12	2.49E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.11E-03	9.33E-01	0.00E+00	9.19E-11	1.51E-08	1.83E-03	1.50E-06	1.18E-03	0.00E+00	9.33E-01	2.56E-09	9.33E-01	9.21E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NT301C	3.51E-03	9.08E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	5.29E-02	2.38E-08	7.87E-04	8.76E-03	0.00E+00	0.00E+00	1.36E-12	2.92E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.44E-03	9.79E-01	0.00E+00	1.11E-10	1.77E-08	2.24E-03	1.72E-06	1.26E-03	0.00E+00	9.79E-01	2.42E-09	9.79E-01	9.87E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
NT302C	3.56E-03	1.03E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.05E-02	3.57E-08	8.14E-04	9.04E-03	0.00E+00	0.00E+00	1.52E-12	3.41E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-06	3.09E-03	1.31E+00	0.00E+00	1.26E-10	1.83E-08	2.31E-03	2.13E-06	1.64E-03	0.00E+00	1.31E+00	3.71E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NT304C	3.56E-03	1.03E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.01E-02	3.60E-08	8.15E-04	9.05E-03	0.00E+00	0.00E+00	1.50E-12	3.40E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	3.10E-03	1.31E+00	0.00E+00	1.27E-10	1.84E-08	2.31E-03	2.14E-06	1.64E-03	0.00E+00	1.31E+00	3.70E-09	1.31E+00	1.31E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
NT306C	3.50E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.01E-02	3.48E-08	8.02E-04	8.83E-03	0.00E+00	0.00E+00	1.49E-12	3.30E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-06	3.05E-03	1.28E+00	0.00E+00	1.27E-10	1.80E-08	2.24E-03	2.12E-06	1.63E-03	0.00E+00	1.28E+00	3.64E-09	1.28E+00	1.28E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
NT310C	3.33E-03	9.51E-02	0.00E+00	9.65E-02	0.00E+00	0.00E+00	5.63E-02	3.20E-08	7.63E-04	8.36E-03	0.00E+00	0.00E+00	1.39E-12	3.14E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.90E-03	1.22E+00	0.00E+00	1.20E-10	1.72E-08	2.15E-03	2.02E-06	1.55E-03	0.00E+00	1.22E+00	3.35E-09	1.22E+00	1.22E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NT316C	3.49E-03	9.62E-02	0.00E+00	9.74E-02	0.00E+00	0.00E+00	5.83E-02	3.21E-08	8.03E-04	8.77E-03	0.00E+00	0.00E+00	1.40E-12	3.15E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.93E-03	1.23E+00	0.00E+00	1.22E-10	1.82E-08	2.26E-03	2.03E-06	1.55E-03	0.00E+00	1.23E+00	3.38E-09	1.23E+00	1.24E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NT320C	3.36E-03	9.67E-02	0.00E+00	9.67E-02	0.00E+00	0.00E+00	5.77E-02	3.32E-08	7.92E-04	8.67E-03	0.00E+00	0.00E+00	1.44E-12	3.20E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.95E-03	1.22E+00	0.00E+00	1.26E-10	1.77E-08	2.23E-03	2.05E-06	1.56E-03	0.00E+00	1.22E+00	3.45E-09	1.22E+00	1.22E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
NT325C	3.63E-03	1.03E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.06E-02	3.58E-08	8.47E-04	9.32E-03	0.00E+00	0.00E+00	1.52E-12	3.37E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-06	3.13E-03	1.31E+00	0.00E+00	1.28E-10	1.89E-08	2.38E-03	2.17E-06	1.65E-03	0.00E+00	1.31E+00	3.75E-09	1.31E+00	1.31E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NT332C	3.65E-03	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.28E-02	3.61E-08	8.61E-04	9.43E-03	0.00E+00	0.00E+00	1.56E-12	3.48E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	8.04E-06	3.21E-03	1.33E+00	0.00E+00	1.37E-10	1.92E-08	2.43E-03	2.23E-06	1.70E-03	0.00E+00	1.33E+00	3.75E-09	1.33E+00	1.33E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
NT340C	3.78E-03	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	6.49E-02	3.74E-08	8.91E-04	9.76E-03	0.00E+00	0.00E+00	1.62E-12	3.60E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-06	3.32E-03	1.37E+00	0.00E+00	1.41E-10	1.99E-08	2.51E-03	2.30E-06	1.76E-03	0.00E+00	1.37E+00	3.88E-09	1.37E+00	1.38E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
NT350C	3.88E-03	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	6.67E-02	3.84E-08	9.15E-04	1.00E-02	0.00E+00	0.00E+00	1.66E-12	3.70E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-06	3.41E-03	1.41E+00	0.00E+00	1.45E-10	2.04E-08	2.58E-03	2.37E-06	1.81E-03	0.00E+00	1.41E+00	3.99E-09	1.41E+00	1.41E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NT363C	3.95E-03	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	6.80E-02	3.91E-08	9.33E-04	1.02E-02	0.00E+00	0.00E+00	1.69E-12	3.77E-11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	8.71E-06	3.47E-03	1.44E+00	0.00E+00	1.48E-10	2.08E-08	2.63E-03	2.41E-06	1.84E-03	0.00E+00	1.44E+00	4.06E-09	1.44E+00	1.44E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	3.74E-04
VKS01SG	3.35E-05	2.12E-02	8.67E-08	2.12E-02	3.21E-08	0.00E+00	6.18E-01	7.92E-08	6.07E-06	6.66E-05	0.00E+00	8.87E-05	4.15E-12	7.92E-11	7.50E-04	9.07E-05	0.00E+00	0.00E+00	1.78E-05	1.97E-03	3.76E-01	0.00E+00	2.57E-10	2.87E-10	2.15E-05	1.56E-06	1.19E-03	0.00E+00	3.76E-01	7.56E-09	3.76E-01	3.78E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	7.63E-04
VKS03SF	7.24E-05	4.58E-02	1.88E-07	4.58E-02	6.93E-08	0.00E+00	1.34E+00	1.71E-07	1.31E-05	1.44E-04	0.00E+00	1.92E-04	8.98E-12	1.71E-10	1.62E-03	1.96E-04	0.00E+00	0.00E+00	3.84E-05	4.25E-03	8.14E-01	0.00E+00	5.56E-10	6.21E-10	4.66E-05	3.37E-06	2.57E-03	0.00E+00	8.14E-01	1.64E-08	8.14E-01	8.17E-01	2.57E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VKS04SD	1.39E-04	8.79E-02	3.60E-07	8.79E-02	1.33E-07	0.00E+00	2.56E+00	3.28E-07	2.52E-05	2.76E-04	0.00E+00	3.68E-04	1.72E-11	3.28E-10	3.11E-03	3.76E-04	0.00E+00	0.00E+00	7.37E-05	8.16E-03	1.56E+00	0.00E+00	1.07E-09	1.19E-09	8.93E-05	6.46E-06	4.92E-03	0.00E+00	1.56E+00	3.13E-08	1.56E+00	1.57E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-03
VKS05SK	1.48E-04	9.38E-02	3.84E-07	9.38E-02	1.42E-07	0.00E+00	2.74E+00	3.50E-07	2.69E-05	2.95E-04	0.00E+00	3.92E-04	1.84E-11	3.50E-10	3.32E-03	4.01E-04	0.00E+00	0.00E+00	7.86E-05	8.70E-03	1.67E+00	0.00E+00	1.14E-09	1.27E-09	9.53E-05	6.89E-06	5.25E-03	0.00E+00	1.67E+00	3.34E-08	1.67E+00	1.67E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-03
VKS06SV	8.44E-05	5.34E-02	2.19E-07	5.34E-02	8.08E-08	0.00E+00	1.56E+00	2.00E-07	1.53E-05	1.68E-04	0.00E+00	2.24E-04	1.05E-11	2.00E-10	1.89E-03	2.29E-04	0.00E+00	0.00E+00	4.48E-05	4.96E-03	9.49E-01	0.00E+00	6.48E-10	7.24E-10	5.43E-05	3.93E-06	2.99E-03	0.00E+00	9.49E-01	1.91E-08	9.49E-01	9.52E-01	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-03
VKS08SC	1.55E-04	9.81E-02	4.01E-07	9.81E-02	1.48E-07	0.00E+00	2.86E+00	3.66E-07	2.81E-05	3.08E-04	0.00E+00	4.10E-04	1.92E-11	3.66E-10	3.47E-03	4.20E-04	0.00E+00	0.00E+00	8.22E-05	9.10E-03	1.74E+00	0.00E+00	1.19E-09	1.33E-09	9.96E-05	7.21E-06	5.49E-03	0.00E+00	1.74E+00	3.50E-08	1.74E+00	1.75E+00	5.49E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-03
VKS12SJ	3.55E-05	2.25E-02	9.19E-08	2.25E-02	3.40E-08	0.00E+00	6.55E-01	8.39E-08	6.43E-06	7.06E-05	0.00E+00	9.40E-05	4.40E-12	8.39E-11	7.95E-04	9.61E-05	0.00E+00	0.00E+00	1.88E-05	2.08E-03	3.99E-01	0.00E+00	2.72E-10	3.04E-10	2.28E-05	1.65E-06	1.26E-03	0.00E+00	3.99E-01	8.01E-09	3.99E-01	4.00E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.09E-04
VKS13SH	1.35E-04	2.89E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.00E-02	2.06E-08	7.00E-05	7.63E-04	0.00E+00	0.00E+00	4.92E-13	1.32E-11	9.31E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	1.86E-03	5.26E-01	0.00E+00	3.93E-11	1.47E-09	2.04E-04	1.51E-06	1.17E-03	0.00E+00	5.26E-01	2.36E-09	5.26E-01	5.70E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	9.67E-05
Y1106	1.29E-03	2.69E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.74E-02	9.10E-09	3.06E-04	3.34E-03	0.00E+00	0.00E+00	3.98E-13	8.32E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	7.64E-04	3.40E-01	0.00E+00	3.81E-11	6.81E-09	8.53E-04	5.43E-07	4.05E-04	0.00E+00	3.40E-01	9.20E-10	3.40E-01	3.41E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	9.61E-05
Y11101	8.79E-04	2.90E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.75E-02	9.72E-09	1.84E-04	1.96E-03	0.00E+00	0.00E+00	4.37E-13	9.53E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.84E-04	3.72E-01	0.00E+00	3.81E-11	4.51E-09	4.99E-04	6.14E-07	4.76E-04	0.00E+00	3.72E-01	1.02E-09	3.72E-01	3.71E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
Y11161	8.79E-04	2.90E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.75E-02	9.72E-09	1.84E-04	1.96E-03	0.00E+00	0.00E+00	4.37E-13	9.53E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.85E-04	3.72E-01	0.00E+00	3.81E-11	4.51E-09	4.99E-04	6.14E-07	4.76E-04	0.00E+00	3.72E-01	1.02E-09	3.72E-01	3.71E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
Y11201	8.79E-04	2.90E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.75E-02	9.72E-09	1.84E-04	1.96E-03	0.00E+00	0.00E+00	4.37E-13	9.53E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.84E-04	3.72E-01	0.00E+00	3.81E-11	4.51E-09	4.99E-04	6.14E-07	4.76E-04	0.00E+00	3.72E-01	1.02E-09	3.72E-01	3.71E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
Y1125	1.38E-03	2.71E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.77E-02	9.08E-09	3.06E-04	3.38E-03	0.00E+00	0.00E+00	3.95E-13	8.28E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	7.53E-04	3.33E-01	0.00E+00	3.90E-11	6.87E-09	8.65E-04	5.33E-07	3.99E-04	0.00E+00	3.33E-01	9.17E-10	3.33E-01	3.38E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05
Y1132	1.43E-03	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.75E-02	9.20E-09	3.11E-04	3.41E-03	0.00E+00	0.00E+00	3.98E-13	8.28E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.51E-04	3.33E-01	0.00E+00	3.87E-11	7.14E-09	8.71E-04	5.37E-07	4.01E-04	0.00E+00	3.33E-01	9.28E-10	3.33E-01	3.38E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
Y1140	1.44E-03	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.75E-02	9.21E-09	3.11E-04	3.41E-03	0.00E+00	0.00E+00	3.98E-13	8.28E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.52E-04	3.33E-01	0.00E+00	3.87E-11	7.14E-09	8.71E-04	5.37E-07	4.01E-04	0.00E+00	3.33E-01	9.28E-10	3.33E-01	3.39E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	9.75E-05
Y1150	1.42E-03	2.85E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.80E-02	9.75E-09	3.09E-04	3.46E-03	0.00E+00	0.00E+00	4.31E-13	8.88E-12	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	8.43E-04	3.54E-01	0.00E+00	4.12E-11	7.16E-09	8.71E-04	6.00E-07	4.51E-04	0.00E+00	3.54E-01	9.97E-10	3.54E-01	3.59E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y1163	1.44E-03	2.83E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.79E-02	9.70E-09	3.07E-04	3.42E-03	0.00E+00	0.00E+00	4.31E-13	8.76E-12	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	8.37E-04	3.52E-01	0.00E+00	4.09E-11	7.23E-09	8.66E-04	5.97E-07	4.45E-04	0.00E+00	3.52E-01	9.91E-10	3.52E-01	3.57E-01	4.45E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
Y1206	1.78E-03	3.79E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.81E-02	1.24E-08	4.10E-04	4.56E-03	0.00E+00	0.00E+00	6.15E-13	1.16E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.13E-03	4.88E-01	0.00E+00	5.75E-11	9.01E-09	1.15E-03	8.08E-07	5.93E-04	0.00E+00	4.88E-01	1.25E-09	4.88E-01	4.74E-01	5.93E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
Y12101	1.05E-03	3.18E-02	0.00E+00	3.18E-02	0.00E+00	0.00E+00	2.01E-02	9.31E-09	2.49E-04	2.87E-03	0.00E+00	0.00E+00	3.96E-13	9.39E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	9.24E-04	4.05E-01	0.00E+00	3.87E-11	5.18E-09	7.04E-04	6.61E-07	4.86E-04	0.00E+00	4.05E-01	9.73E-10	4.05E-01	4.02E-01	4.86E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y12161	1.05E-03	3.19E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	2.01E-02	1.11E-08	2.49E-04	2.87E-03	0.00E+00	0.00E+00	3.96E-13	9.40E-12	6.65E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.24E-04	4.06E-01	0.00E+00	3.88E-11	5.19E-09	7.04E-04	6.61E-07	4.90E-04	0.00E+00	4.06E-01	1.08E-09	4.06E-01	4.02E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y1220	2.19E-03	4.07E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	3.07E-02	1.35E-08	4.80E-04	5.17E-03	0.00E+00	0.00E+00	6.56E-13	1.25E-11	8.15E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.15E-03	5.24E-01	0.00E+00	6.38E-11	1.07E-08	1.33E-03	8.08E-07	6.01E-04	0.00E+00	5.24E-01	1.35E-09	5.24E-01	5.02E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
Y1225	2.25E-03	4.07E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	3.08E-02	1.35E-08	4.87E-04	5.23E-03	0.00E+00	0.00E+00	6.58E-13	1.25E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.15E-03	5.27E-01	0.00E+00	6.39E-11	1.09E-08	1.35E-03	8.07E-07	6.01E-04	0.00E+00	5.27E-01	1.36E-09	5.27E-01	5.05E-01	6.01E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
Y1232	2.63E-03	4.87E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	3.67E-02	1.81E-08	5.80E-04	6.27E-03	0.00E+00	0.00E+00	8.57E-13	1.66E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.68E-03	6.57E-01	0.00E+00	7.89E-11	1.35E-08	1.63E-03	1.22E-06	8.92E-04	0.00E+00	6.57E-01	1.97E-09	6.57E-01	6.51E-01	8.92E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
Y1240	2.42E-03	4.28E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	3.18E-02	1.39E-08	5.12E-04	5.58E-03	0.00E+00	0.00E+00	6.77E-13	1.30E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	1.17E-03	5.36E-01	0.00E+00	6.44E-11	1.19E-08	1.46E-03	8.31E-07	6.26E-04	0.00E+00	5.36E-01	1.42E-09	5.36E-01	5.14E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
Y1250	2.53E-03	4.41E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.23E-02	1.43E-08	5.45E-04	6.01E-03	0.00E+00	0.00E+00	7.03E-13	1.34E-11	8.47E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.17E-03	5.49E-01	0.00E+00	6.72E-11	1.26E-08	1.56E-03	8.34E-07	6.32E-04	0.00E+00	5.49E-01	1.46E-09	5.49E-01	5.26E-01	6.32E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
Y1263	2.51E-03	4.45E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.23E-02	1.44E-08	5.46E-04	6.02E-03	0.00E+00	0.00E+00	7.05E-13	1.34E-11	8.50E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.20E-03	5.51E-01	0.00E+00	6.73E-11	1.26E-08	1.55E-03	8.43E-07	6.39E-04	0.00E+00	5.51E-01	1.47E-09	5.51E-01	5.27E-01	6.39E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
Y1306	2.89E-03	6.42E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	3.60E-02	1.59E-08	6.42E-04	7.23E-03	0.00E+00	0.00E+00	1.07E-12	1.90E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-06	1.68E-03	7.36E-01	0.00E+00	7.19E-11	1.46E-08	1.83E-03	1.25E-06	8.79E-04	0.00E+00	7.36E-01	1.59E-09	7.36E-01	7.55E-01	8.79E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
Y13101	1.15E-03	3.18E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	2.01E-02	1.11E-08	2.55E-04	3.05E-03	0.00E+00	0.00E+00	3.95E-13	9.42E-12	6.62E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.23E-04	4.05E-01	0.00E+00	3.87E-11	5.59E-09	7.63E-04	6.60E-07	4.90E-04	0.00E+00	4.05E-01	1.09E-09	4.05E-01	4.01E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y13161	1.16E-03	3.19E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.03E-02	1.11E-08	2.56E-04	3.07E-03	0.00E+00	0.00E+00	3.96E-13	9.45E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.26E-04	4.06E-01	0.00E+00	3.87E-11	5.62E-09	7.65E-04	6.61E-07	4.92E-04	0.00E+00	4.06E-01	1.09E-09	4.06E-01	4.04E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y1320	3.71E-03	8.99E-02	0.00E+00	9.05E-02	0.00E+00	0.00E+00	4.93E-02	2.00E-08	8.37E-04	9.36E-03	0.00E+00	0.00E+00	1.28E-12	2.41E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.23E-03	9.07E-01	0.00E+00	1.12E-10	1.90E-08	2.42E-03	1.61E-06	1.16E-03	0.00E+00	9.07E-01	2.06E-09	9.07E-01	9.08E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
Y13201	1.17E-03	3.19E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.03E-02	1.11E-08	2.58E-04	3.07E-03	0.00E+00	0.00E+00	3.96E-13	9.46E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.27E-04	4.06E-01	0.00E+00	3.87E-11	5.62E-09	7.65E-04	6.61E-07	4.91E-04	0.00E+00	4.06E-01	1.09E-09	4.06E-01	4.04E-01	4.91E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y1325	3.77E-03	9.31E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	4.97E-02	2.00E-08	8.45E-04	9.41E-03	0.00E+00	0.00E+00	1.28E-12	2.42E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-06	2.24E-03	9.14E-01	0.00E+00	1.12E-10	1.91E-08	2.42E-03	1.61E-06	1.17E-03	0.00E+00	9.14E-01	2.06E-09	9.14E-01	9.10E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
Y1340	3.85E-03	9.45E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	5.12E-02	2.05E-08	8.80E-04	9.71E-03	0.00E+00	0.00E+00	1.23E-12	2.44E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-06	2.36E-03	9.62E-01	0.00E+00	1.15E-10	1.98E-08	2.51E-03	1.67E-06	1.23E-03	0.00E+00	9.62E-01	2.08E-09	9.62E-01	9.55E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
Y1350	3.89E-03	9.55E-02	0.00E+00	9.74E-02	0.00E+00	0.00E+00	5.26E-02	2.11E-08	8.91E-04	9.77E-03	0.00E+00	0.00E+00	1.26E-12	2.47E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-06	2.50E-03	1.01E+00	0.00E+00	1.19E-10	2.01E-08	2.56E-03	1.73E-06	1.29E-03	0.00E+00	1.01E+00	2.13E-09	1.01E+00	9.95E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
Y1363	3.95E-03	1.01E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.04E-02	3.37E-08	9.12E-04	9.99E-03	0.00E+00	0.00E+00	1.46E-12	2.77E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-06	3.07E-03	1.26E+00	0.00E+00	1.44E-10	2.06E-08	2.60E-03	2.21E-06	1.65E-03	0.00E+00	1.26E+00	3.54E-09	1.26E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
Y1406	3.67E-03	7.84E-02	0.00E+00	7.95E-02	0.00E+00	0.00E+00	5.04E-02	2.10E-08	8.18E-04	9.14E-03	0.00E+00	0.00E+00	1.32E-12	2.35E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-06	2.40E-03	9.39E-01	0.00E+00	1.16E-10	1.87E-08	2.36E-03	1.71E-06	1.25E-03	0.00E+00	9.39E-01	2.15E-09	9.39E-01	9.41E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
Y14101	1.14E-03	3.19E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.12E-02	1.18E-08	2.55E-04	3.00E-03	0.00E+00	0.00E+00	4.12E-13	1.00E-11	7.05E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	1.15E-03	4.08E-01	0.00E+00	3.90E-11	5.63E-09	7.74E-04	8.36E-07	6.19E-04	0.00E+00	4.08E-01	1.32E-09	4.08E-01	4.05E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y14161	1.15E-03	3.19E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.12E-02	1.18E-08	2.58E-04	3.02E-03	0.00E+00	0.00E+00	4.12E-13	1.00E-11	7.05E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	1.16E-03	4.08E-01	0.00E+00	3.90E-11	5.64E-09	7.74E-04	8.43E-07	6.29E-04	0.00E+00	4.08E-01	1.32E-09	4.08E-01	4.05E-01	6.29E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
Y1420	3.84E-03	9.46E-02	0.00E+00	9.72E-02	0.00E+00	0.00E+00	5.40E-02	2.16E-08	8.76E-04	9.73E-03	0.00E+00	0.00E+00	1.46E-12	2.60E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.53E-03	9.73E-01	0.00E+00	1.27E-10	1.98E-08	2.51E-03	1.76E-06	1.27E-03	0.00E+00	9.73E-01	2.23E-09	9.73E-01	9.74E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
Y1425	3.90E-03	9.71E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.43E-02	2.16E-08	8.88E-04	9.82E-03	0.00E+00	0.00E+00	1.46E-12	2.60E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.53E-03	9.75E-01	0.00E+00	1.27E-10	2.00E-08	2.53E-03	1.76E-06	1.29E-03	0.00E+00	9.75E-01	2.23E-09	9.75E-01	9.74E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
Y1432	4.00E-03	9.73E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.54E-02	2.20E-08	9.17E-04	1.01E-02	0.00E+00	0.00E+00	1.46E-12	2.63E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06	2.59E-03	1.02E+00	0.00E+00	1.29E-10	2.07E-08	2.61E-03	1.80E-06	1.33E-03	0.00E+00	1.02E+00	2.25E-09	1.02E+00	1.02E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
Y1440	4.00E-03	9.79E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	5.58E-02	2.21E-08	9.16E-04	1.01E-02	0.00E+00	0.00E+00	1.47E-12	2.64E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.59E-03	1.02E+00	0.00E+00	1.29E-10	2.07E-08	2.61E-03	1.80E-06	1.34E-03	0.00E+00	1.02E+00	2.25E-09	1.02E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
Y1450	3.99E-03	1.00E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	5.69E-02	2.23E-08	9.13E-04	1.00E-02	0.00E+00	0.00E+00	1.47E-12	2.75E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-06	2.62E-03	1.03E+00	0.00E+00	1.30E-10	2.06E-08	2.61E-03	1.82E-06	1.35E-03	0.00E+00	1.03E+00	2.27E-09	1.03E+00	1.04E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
Y1463	3.98E-03	9.99E-02	0.00E+00	1.02E-01	0.00E+00	0.00E+00	5.67E-02	2.23E-08	9.06E-04	1.00E-02	0.00E+00	0.00E+00	1.46E-12	2.71E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.59E-03	1.03E+00	0.00E+00	1.30E-10	2.05E-08	2.57E-03	1.81E-06	1.34E-03	0.00E+00	1.03E+00	2.26E-09	1.03E+00	1.03E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
Y7106	1.29E-03	2.65E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.74E-02	8.97E-09	3.04E-04	3.33E-03	0.00E+00	0.00E+00	3.94E-13	8.32E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	7.56E-04	3.46E-01	0.00E+00	3.91E-11	6.80E-09	8.49E-04	5.36E-07	4.00E-04	0.00E+00	3.46E-01	9.05E-10	3.46E-01	3.47E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
Y7110	1.30E-03	2.71E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.78E-02	9.07E-09	3.06E-04	3.35E-03	0.00E+00	0.00E+00	3.95E-13	8.36E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.59E-04	3.48E-01	0.00E+00	3.99E-11	6.81E-09	8.58E-04	5.36E-07	4.01E-04	0.00E+00	3.48E-01	9.22E-10	3.48E-01	3.51E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
Y7116	1.31E-03	2.70E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.78E-02	9.14E-09	3.06E-04	3.37E-03	0.00E+00	0.00E+00	3.96E-13	8.34E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	7.57E-04	3.47E-01	0.00E+00	4.00E-11	6.84E-09	8.60E-04	5.35E-07	3.99E-04	0.00E+00	3.47E-01	9.17E-10	3.47E-01	3.51E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
Y7120	1.32E-03	2.69E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.77E-02	9.10E-09	3.07E-04	3.38E-03	0.00E+00	0.00E+00	3.97E-13	8.31E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	7.58E-04	3.46E-01	0.00E+00	4.01E-11	6.89E-09	8.64E-04	5.36E-07	4.01E-04	0.00E+00	3.46E-01	9.14E-10	3.46E-01	3.50E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
Y7125	1.37E-03	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.77E-02	9.13E-09	3.06E-04	3.38E-03	0.00E+00	0.00E+00	3.97E-13	8.29E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.62E-04	3.40E-01	0.00E+00	3.91E-11	6.86E-09	8.75E-04	5.41E-07	4.03E-04	0.00E+00	3.40E-01	9.21E-10	3.40E-01	3.43E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
Y7132	1.43E-03	2.72E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.75E-02	9.24E-09	3.09E-04	3.42E-03	0.00E+00	0.00E+00	4.01E-13	8.33E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	7.60E-04	3.38E-01	0.00E+00	3.90E-11	7.13E-09	8.70E-04	5.42E-07	4.05E-04	0.00E+00	3.38E-01	9.29E-10	3.38E-01	3.44E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
Y7140	1.42E-03	2.70E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.75E-02	9.21E-09	3.13E-04	3.40E-03	0.00E+00	0.00E+00	3.98E-13	8.27E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	7.52E-04	3.32E-01	0.00E+00	3.87E-11	7.22E-09	8.81E-04	5.37E-07	4.00E-04	0.00E+00	3.32E-01	9.29E-10	3.32E-01	3.38E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-05
Y7150	1.37E-03	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.74E-02	9.26E-09	3.06E-04	3.39E-03	0.00E+00	0.00E+00	4.13E-13	8.27E-12	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	7.80E-04	3.32E-01	0.00E+00	3.96E-11	7.10E-09	8.64E-04	5.66E-07	4.17E-04	0.00E+00	3.32E-01	9.44E-10	3.32E-01	3.39E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	9.78E-05
Y7163	1.39E-03	2.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.74E-02	9.27E-09	3.05E-04	3.37E-03	0.00E+00	0.00E+00	4.13E-13	8.27E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	7.80E-04	3.32E-01	0.00E+00	3.96E-11	7.24E-09	8.64E-04	5.66E-07	4.16E-04	0.00E+00	3.32E-01	9.45E-10	3.32E-01	3.40E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05
Y7206	1.85E-03	3.95E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.90E-02	1.27E-08	4.29E-04	4.69E-03	0.00E+00	0.00E+00	6.10E-13	1.18E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.02E-03	5.05E-01	0.00E+00	6.14E-11	9.32E-09	1.19E-03	7.06E-07	5.30E-04	0.00E+00	5.05E-01	1.25E-09	5.05E-01	4.87E-01	5.30E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
Y7210	1.80E-03	3.90E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.88E-02	1.24E-08	4.14E-04	4.62E-03	0.00E+00	0.00E+00	6.05E-13	1.16E-11	7.73E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.02E-03	5.05E-01	0.00E+00	5.99E-11	9.07E-09	1.16E-03	7.00E-07	5.32E-04	0.00E+00	5.05E-01	1.23E-09	5.05E-01	4.81E-01	5.32E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
Y7216	1.81E-03	3.97E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	2.92E-02	1.26E-08	4.15E-04	4.63E-03	0.00E+00	0.00E+00	6.11E-13	1.18E-11	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.02E-03	5.11E-01	0.00E+00	6.12E-11	9.08E-09	1.17E-03	7.00E-07	5.33E-04	0.00E+00	5.11E-01	1.28E-09	5.11E-01	4.86E-01	5.33E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
Y7220	1.83E-03	3.98E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.98E-02	1.27E-08	4.14E-04	4.65E-03	0.00E+00	0.00E+00	6.14E-13	1.19E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.02E-03	5.13E-01	0.00E+00	6.17E-11	9.20E-09	1.18E-03	7.06E-07	5.35E-04	0.00E+00	5.13E-01	1.28E-09	5.13E-01	4.88E-01	5.35E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
Y7225	2.36E-03	4.08E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	3.05E-02	1.32E-08	5.00E-04	5.38E-03	0.00E+00	0.00E+00	6.33E-13	1.23E-11	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.02E-03	5.22E-01	0.00E+00	6.34E-11	1.13E-08	1.42E-03	7.04E-07	5.34E-04	0.00E+00	5.22E-01	1.35E-09	5.22E-01	4.97E-01	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
Y7232	2.42E-03	4.43E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	3.23E-02	1.38E-08	5.02E-04	5.51E-03	0.00E+00	0.00E+00	6.81E-13	1.33E-11	8.29E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.17E-03	5.53E-01	0.00E+00	6.75E-11	1.17E-08	1.43E-03	8.31E-07	6.25E-04	0.00E+00	5.53E-01	1.43E-09	5.53E-01	5.30E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04

	Y7240	2.42E-03	4.43E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.11E-02	1.38E-08	5.16E-04	5.59E-03	0.00E+00	0.00E+00	6.74E-13	1.32E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.16E-03	5.46E-01	0.00E+00	6.62E-11	1.20E-08	1.46E-03	8.20E-07	6.25E-04	0.00E+00	5.46E-01	1.42E-09	5.46E-01	5.21E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
	Y7250	2.37E-03	4.41E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	3.06E-02	1.37E-08	5.08E-04	5.61E-03	0.00E+00	0.00E+00	6.79E-13	1.33E-11	8.28E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.17E-03	5.44E-01	0.00E+00	6.60E-11	1.17E-08	1.45E-03	8.31E-07	6.34E-04	0.00E+00	5.44E-01	1.41E-09	5.44E-01	5.20E-01	6.34E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
	Y7263	2.38E-03	4.46E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.06E-02	1.38E-08	5.10E-04	5.61E-03	0.00E+00	0.00E+00	6.80E-13	1.34E-11	8.29E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	1.19E-03	5.46E-01	0.00E+00	6.62E-11	1.18E-08	1.45E-03	8.30E-07	6.38E-04	0.00E+00	5.46E-01	1.43E-09	5.46E-01	5.20E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
	Y7306	2.97E-03	7.03E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.00E-02	1.69E-08	6.68E-04	7.52E-03	0.00E+00	0.00E+00	1.19E-12	2.10E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.74E-03	8.03E-01	0.00E+00	8.71E-11	1.51E-08	1.92E-03	1.27E-06	9.19E-04	0.00E+00	8.03E-01	1.78E-09	8.03E-01	8.12E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-04
	Y7310	3.21E-03	8.26E-02	0.00E+00	8.22E-02	0.00E+00	0.00E+00	4.01E-02	1.70E-08	7.16E-04	8.13E-03	0.00E+00	0.00E+00	1.20E-12	2.13E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.74E-03	8.16E-01	0.00E+00	8.74E-11	1.62E-08	2.07E-03	1.27E-06	9.23E-04	0.00E+00	8.16E-01	1.81E-09	8.16E-01	8.17E-01	9.23E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-04
	Y7316	3.22E-03	8.28E-02	0.00E+00	8.25E-02	0.00E+00	0.00E+00	4.04E-02	1.70E-08	7.22E-04	8.15E-03	0.00E+00	0.00E+00	1.21E-12	2.13E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	4.91E-06	1.75E-03	8.16E-01	0.00E+00	8.75E-11	1.64E-08	2.09E-03	1.27E-06	9.26E-04	0.00E+00	8.16E-01	1.82E-09	8.16E-01	8.20E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-04
	Y7320	3.27E-03	8.31E-02	0.00E+00	8.31E-02	0.00E+00	0.00E+00	4.15E-02	1.78E-08	7.27E-04	8.18E-03	0.00E+00	0.00E+00	1.21E-12	2.14E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-06	1.75E-03	8.17E-01	0.00E+00	9.01E-11	1.66E-08	2.12E-03	1.28E-06	9.26E-04	0.00E+00	8.17E-01	1.84E-09	8.17E-01	8.22E-01	9.26E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
	Y7325	3.77E-03	9.30E-02	0.00E+00	9.45E-02	0.00E+00	0.00E+00	4.97E-02	1.98E-08	8.42E-04	9.40E-03	0.00E+00	0.00E+00	1.27E-12	2.41E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-06	2.25E-03	9.10E-01	0.00E+00	1.11E-10	1.91E-08	2.43E-03	1.59E-06	1.17E-03	0.00E+00	9.10E-01	2.04E-09	9.10E-01	9.01E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
	Y7332	3.85E-03	9.39E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	5.15E-02	2.05E-08	8.73E-04	9.70E-03	0.00E+00	0.00E+00	1.24E-12	2.42E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.39E-03	9.73E-01	0.00E+00	1.16E-10	1.98E-08	2.51E-03	1.68E-06	1.25E-03	0.00E+00	9.73E-01	2.09E-09	9.73E-01	9.59E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
	Y7340	3.82E-03	9.40E-02	0.00E+00	9.59E-02	0.00E+00	0.00E+00	5.15E-02	2.06E-08	8.80E-04	9.71E-03	0.00E+00	0.00E+00	1.23E-12	2.43E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.39E-03	9.73E-01	0.00E+00	1.16E-10	1.97E-08	2.50E-03	1.68E-06	1.25E-03	0.00E+00	9.73E-01	2.09E-09	9.73E-01	9.59E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
	Y7350	3.82E-03	9.28E-02	0.00E+00	9.51E-02	0.00E+00	0.00E+00	5.13E-02	2.06E-08	8.58E-04	9.54E-03	0.00E+00	0.00E+00	1.22E-12	2.39E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.39E-03	9.74E-01	0.00E+00	1.16E-10	1.95E-08	2.44E-03	1.66E-06	1.24E-03	0.00E+00	9.74E-01	2.08E-09	9.74E-01	9.57E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
	Y7363	3.83E-03	9.34E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	5.13E-02	2.07E-08	8.67E-04	9.59E-03	0.00E+00	0.00E+00	1.22E-12	2.40E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.39E-03	9.76E-01	0.00E+00	1.16E-10	1.96E-08	2.46E-03	1.67E-06	1.25E-03	0.00E+00	9.76E-01	2.08E-09	9.76E-01	9.58E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
	Y7406	3.75E-03	8.09E-02	0.00E+00	8.20E-02	0.00E+00	0.00E+00	5.17E-02	2.11E-08	8.33E-04	9.32E-03	0.00E+00	0.00E+00	1.37E-12	2.48E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.44E-03	9.38E-01	0.00E+00	1.20E-10	1.90E-08	2.41E-03	1.70E-06	1.26E-03	0.00E+00	9.38E-01	2.17E-09	9.38E-01	9.40E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
	Y7410	3.77E-03	9.18E-02	0.00E+00	9.40E-02	0.00E+00	0.00E+00	5.17E-02	2.11E-08	8.52E-04	9.63E-03	0.00E+00	0.00E+00	1.38E-12	2.51E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.45E-03	9.42E-01	0.00E+00	1.21E-10	1.93E-08	2.46E-03	1.72E-06	1.26E-03	0.00E+00	9.42E-01	2.17E-09	9.42E-01	9.40E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
	Y7416	3.82E-03	9.23E-02	0.00E+00	9.46E-02	0.00E+00	0.00E+00	5.18E-02	2.13E-08	8.63E-04	9.63E-03	0.00E+00	0.00E+00	1.38E-12	2.52E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.46E-03	9.50E-01	0.00E+00	1.21E-10	1.95E-08	2.49E-03	1.72E-06	1.26E-03	0.00E+00	9.50E-01	2.18E-09	9.50E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
	Y7420	3.84E-03	9.34E-02	0.00E+00	9.60E-02	0.00E+00	0.00E+00	5.36E-02	2.12E-08	8.72E-04	9.72E-03	0.00E+00	0.00E+00	1.39E-12	2.53E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-06	2.49E-03	9.66E-01	0.00E+00	1.24E-10	1.98E-08	2.51E-03	1.74E-06	1.27E-03	0.00E+00	9.66E-01	2.19E-09	9.66E-01	9.57E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
	Y7425	3.90E-03	9.69E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.42E-02	2.13E-08	8.84E-04	9.82E-03	0.00E+00	0.00E+00	1.46E-12	2.58E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-06	2.51E-03	9.69E-01	0.00E+00	1.25E-10	2.00E-08	2.53E-03	1.74E-06	1.28E-03	0.00E+00	9.69E-01	2.21E-09	9.69E-01	9.61E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
	Y7432	3.99E-03	9.77E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.61E-02	2.21E-08	9.13E-04	1.01E-02	0.00E+00	0.00E+00	1.46E-12	2.66E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-06	2.60E-03	1.02E+00	0.00E+00	1.29E-10	2.07E-08	2.61E-03	1.80E-06	1.33E-03	0.00E+00	1.02E+00	2.25E-09	1.02E+00	1.02E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
	Y7440	3.96E-03	9.74E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	5.61E-02	2.21E-08	9.16E-04	1.01E-02	0.00E+00	0.00E+00	1.47E-12	2.66E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.59E-03	1.02E+00	0.00E+00	1.29E-10	2.06E-08	2.61E-03	1.80E-06	1.34E-03	0.00E+00	1.02E+00	2.25E-09	1.02E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
	Y7450	3.97E-03	9.79E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	5.63E-02	2.21E-08	9.00E-04	1.01E-02	0.00E+00	0.00E+00	1.45E-12	2.66E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-06	2.59E-03	1.03E+00	0.00E+00	1.30E-10	2.05E-08	2.55E-03	1.80E-06	1.34E-03	0.00E+00	1.03E+00	2.25E-09	1.03E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
	Y7463	3.98E-03	9.83E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	5.63E-02	2.21E-08	9.08E-04	1.01E-02	0.00E+00	0.00E+00	1.45E-12	2.66E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-06	2.59E-03	1.03E+00	0.00E+00	1.30E-10	2.06E-08	2.56E-03	1.80E-06	1.34E-03	0.00E+00	1.03E+00	2.25E-09	1.03E+00	1.02E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
	YZB110	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.12E-02	6.39E-09	5.05E-05	5.55E-04	0.00E+00	0.00E+00	2.99E-13	5.79E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.98E-04	2.38E-01	0.00E+00	2.61E-11	8.77E-10	1.40E-04	4.26E-07	3.17E-04	0.00E+00	2.38E-01	6.70E-10	2.38E-01	2.38E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05
	YZB116	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.65E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
	YZB120	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.55E-09	5.49E-05	5.73E-04	0.00E+00	0.00E+00	3.04E-13	5.94E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.03E-04	2.40E-01	0.00E+00	2.66E-11	9.42E-10	1.51E-04	4.29E-07	3.20E-04	0.00E+00	2.40E-01	6.84E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
	YZB125	1.19E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.53E-09	6.28E-05	6.59E-04	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.06E-09	1.77E-04	5.04E-07	3.74E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.83E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
	YZB316	3.17E-04	5.00E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.28E-02	1.88E-08	1.49E-04	1.63E-03	0.00E+00	0.00E+00	8.80E-13	1.70E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.76E-03	6.99E-01	0.00E+00	7.68E-11	2.58E-09	4.11E-04	1.25E-06	9.32E-04	0.00E+00	6.99E-01	1.97E-09	6.99E-01	7.00E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
	YZB320	3.86E-04	6.79E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.80E-04	2.00E-03	0.00E+00	0.00E+00	1.15E-12	2.26E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.54E-03	9.71E-01	0.00E+00	1.03E-10	3.22E-09	5.00E-04	1.75E-06	1.30E-03	0.00E+00	9.71E-01	2.61E-09	9.71E-01	9.71E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
	YZB325	4.20E-04	6.41E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	3.91E-02	1.84E-08	1.76E-04	1.95E-03	0.00E+00	0.00E+00	1.06E-12	1.99E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-06	1.97E-03	8.32E-01	0.00E+00	9.17E-11	3.21E-09	4.84E-04	1.39E-06	1.02E-03	0.00E+00	8.32E-01	1.81E-09	8.32E-01	8.32E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
	YZC110	1.42E-04	2.58E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.66E-02	1.41E-08	7.83E-05	8.24E-04	0.00E+00	0.00E+00	4.69E-13	1.12E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	1.39E-03	4.61E-01	0.00E+00	3.50E-11	1.30E-09	2.19E-04	9.23E-07	6.93E-04	0.00E+00	4.61E-01	1.68E-09	4.61E-01	5.01E-01	6.93E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
	YZC116	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.56E-09	5.50E-05	5.73E-04	0.00E+00	0.00E+00	3.04E-13	5.94E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.04E-04	2.40E-01	0.00E+00	2.66E-11	9.42E-10	1.51E-04	4.29E-07	3.20E-04	0.00E+00	2.40E-01	6.84E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
	YZC120	1.09E-04	2.35E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.39E-02	8.55E-09	4.86E-05	5.72E-04	0.00E+00	0.00E+00	3.87E-13	8.13E-12	5.50E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.33E-04	3.32E-01	0.00E+00	3.34E-11	1.10E-09	1.61E-04	5.72E-07	4.34E-04	0.00E+00	3.32E-01	9.09E-10	3.32E-01	3.34E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
	YZC125	1.19E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.53E-09	6.29E-05	6.60E-04	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.80E-01	0.00E+00	3.08E-11	1.06E-09	1.77E-04	5.03E-07	3.74E-04	0.00E+00	2.80E-01	7.93E-10	2.80E-01	2.82E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
	YZC316	3.62E-04	5.75E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.31E-02	1.92E-08	1.62E-04	1.73E-03	0.00E+00	0.00E+00	9.37E-13	1.88E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.86E-03	7.47E-01	0.00E+00	7.78E-11	2.93E-09	4.63E-04	1.37E-06	9.76E-04	0.00E+00	7.47E-01	1.96E-09	7.47E-01	7.50E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
	YZC320	3.74E-04	5.90E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.87E-02	2.22E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-06	2.07E-03	8.24E-01	0.00E+00	9.05E-11	3.04E-09	4.85E-04	1.48E-06	1.10E-03	0.00E+00	8.24E-01	2.33E-09	8.24E-01	8.25E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
	YZC325	3.85E-04	6.07E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	3.98E-02	2.28E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.06E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-06	2.13E-03	8.47E-01	0.00E+00	9.31E-11	3.13E-09	4.99E-04	1.52E-06	1.13E-03	0.00E+00	8.47E-01	2.39E-09	8.47E-01	8.48E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
Installation A5	MBN116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
	B02813	1.90E-05	1.07E-02	1.53E-03	6.56E-03	0.00E+00	0.00E+00	9.38E-02	9.01E-08	8.63E-06	5.66E-05	0.00E+00	1.62E-04	7.23E-10	2.08E-11	9.65E-04	1.88E-05	5.40E-04	5.13E-09	1.18E-05	2.44E-03	6.39E-02	0.00E+00	8.79E-11	1.13E-10	1.31E-05	3.57E-07	8.55E-03	0.00E+00	6.39E-02	1.53E-10	6.39E-02	7.24E-02	8.55E-03	0.00E+00	0.00E+00	0.00E+00	5.15E-04
	B02823	1.90E-05	1.05E-02	1.53E-03	6.56E-03	0.00E+00	0.00E+00	9.39E-02	9.00E-08	8.63E-06	5.65E-05	0.00E+00	1.62E-04	7.23E-10	2.08E-11	9.66E-04	1.87E-05	5.40E-04	4.81E-09	1.18E-05	2.46E-03	6.38E-02	0.00E+00	8.76E-11	1.13E-10	1.31E-05	3.54E-07	8.53E-03	0.00E+00	6.38E-02	1.53E-10	6.38E-02	7.23E-02	8.53E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
	B02861	1.90E-05	1.07E-02	1.53E-03	6.57E-03	0.00E+00	0.00E+00	9.40E-02	9.02E-08	8.64E-06	5.67E-05	0.00E+00	1.63E-04	7.24E-10	2.08E-11	9.66E-04	1.89E-05	5.41E-04	5.15E-09	1.18E-05	2.44E-03	6.40E-02	0.00E+00	8.80E-11	1.13E-10	1.32E-05	3.57E-07	8.56E-03	0.00E+00	6.40E-02	1.53E-10	6.40E-02	7.26E-02	8.56E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04
	B02870	1.90E-05	1.05E-02	1.53E-03	6.56E-03	0.00E+00	0.00E+00	9.39E-02	9.00E-08	8.63E-06	5.65E-05	0.00E+00	1.62E-04	7.23E-10	2.08E-11	9.66E-04	1.87E-05	5.40E-04	4.81E-09	1.18E-05	2.46E-03	6.38E-02	0.00E+00	8.76E-11	1.13E-10	1.31E-05	3.54E-07	8.53E-03	0.00E+00	6.38E-02	1.53E-10	6.38E-02	7.23E-02	8.53E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
	HLE180S	1.87E-05	3.38E-03	1.70E-03	7.36E-03	0.00E+00	0.00E+00	1.07E-01	1.00E-07	9.90E-06	5.50E-05	0.00E+00	1.74E-04	8.10E-10	2.45E-11	1.12E-03	1.67E-05	6.02E-04	7.99E-09	1.20E-05	3.56E-03	6.60E-02	0.00E+00	8.59E-11	1.13E-10	1.31E-05	2.87E-07	8.76E-03	0.00E+00	6.60E-02	1.71E-10	6.60E-02	7.47E-02	8.76E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
	HLE280S	3.14E-06	2.01E-02	2.41E-04	1.22E-03	0.00E+00	0.00E+00	2.28E-02	1.45E-08	2.16E-06	1.13E-05	0.00E+00	8.88E-06	1.32E-10	6.78E-12	2.71E-04	7.98E-06	8.88E-05	3.42E-08	1.09E-06	2.55E-03	2.83E-03	0.00E+00	1.61E-11	1.31E-11	1.73E-06	2.24E-07	5.49E-04	0.00E+00	2.83E-03	2.56E-11	2.83E-03	3.38E-03	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
	HLE290S	4.86E-05	1.55E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.65E-01	2.49E-07	2.44E-05	1.43E-04	0.00E+00	4.38E-04	2.01E-09	5.97E-11	2.74E-03	4.50E-05	1.49E-03	8.53E-09	3.08E-05	8.14E-03	1.68E-01	0.00E+00	2.23E-10	2.92E-10	3.38E-05	8.04E-07	2.24E-02	0.00E+00	1.68E-01	4.24E-10	1.68E-01	1.91E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
	HLE380S	7.62E-05	2.48E-02	6.60E-03	2.85E-02	0.00E+00	0.00E+00	4.14E-01	3.90E-07	3.81E-05	2.25E-04	0.00E+00	6.86E-04	3.14E-09	9.33E-11	4.29E-03	7.07E-05	2.34E-03	1.23E-08	4.82E-05	1.27E-02	2.64E-01	0.00E+00	3.50E-10	4.57E-10	5.30E-05	1.27E-06	3.51E-02	0.00E+00	2.64E-01	6.63E-10	2.64E-01	2.99E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
	HLE390S	6.62E-06	3.22E-02	2.33E-04	1.29E-03	0.00E+00	0.00E+00	2.68E-02	1.43E-08	2.56E-06	2.28E-05	0.00E+00	1.16E-06	1.38E-10	8.61E-12	3.31E-04	1.41E-05	8.82E-05	5.35E-08	2.78E-06	3.74E-03	1.03E-02	0.00E+00	3.30E-11	3.08E-11	3.90E-06	3.80E-07	1.64E-03	0.00E+00	1.03E-02	2.57E-11	1.03E-02	1.19E-02	1.64E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
	HLF180S	1.83E-05	3.08E-03	1.66E-03	7.22E-03	0.00E+00	0.00E+00	1.05E-01	9.83E-08	9.72E-06	5.37E-05	0.00E+00	1.70E-04	7.95E-10	2.40E-11	1.10E-03	1.62E-05	5.90E-04	8.19E-09	1.17E-05	3.51E-03	6.46E-02	0.00E+00	8.40E-11	1.11E-10	1.28E-05	2.78E-07	8.57E-03	0.00E+00	6.46E-02	1.67E-10	6.46E-02	7.31E-02	8.57E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04
	HLF190S	1.64E-05	1.82E-03	1.52E-03	6.61E-03	0.00E+00	0.00E+00	9.67E-02	8.99E-08	8.92E-06	4.82E-05	0.00E+00	1.55E-04	7.27E-10	2.21E-11	1.01E-03	1.43E-05	5.39E-04	9.10E-09	1.06E-05	3.31E-03	5.84E-02	0.00E+00	7.54E-11	9.99E-11	1.15E-05	2.42E-07	7.74E-03	0.00E+00	5.84E-02	1.53E-10	5.84E-02	6.62E-02	7.74E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
	HLF199S	2.24E-05	5.91E-03	1.98E-03	8.58E-03	0.00E+00	0.00E+00	1.25E-01	1.17E-07	1.15E-05	6.61E-05	0.00E+00	2.05E-04	9.45E-10	2.82E-11	1.30E-03	2.04E-05	7.02E-04	6.18E-09	1.43E-05	3.96E-03	7.82E-02	0.00E+00	1.03E-10	1.35E-10	1.56E-05	3.60E-07	1.04E-02	0.00E+00	7.82E-02	1.99E-10	7.82E-02	8.86E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	5.93E-04
	HLF280S	4.06E-05	1.00E-02	3.61E-03	1.56E-02	0.00E+00	0.00E+00	2.27E-01	2.13E-07	2.09E-05	1.20E-04	0.00E+00	3.72E-04	1.72E-09	5.15E-11	2.36E-03	3.68E-05	1.28E-03	1.24E-08	2.58E-05	7.28E-03	1.42E-01	0.00E+00	1.87E-10	2.45E-10	2.83E-05	6.46E-07	1.89E-02	0.00E+00	1.42E-01	3.62E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
	HLF290S	2.16E-05	3.18E-03	2.15E-03	9.40E-03	0.00E+00	0.00E+00	1.39E-01	1.27E-07	1.28E-05	6.28E-05	0.00E+00	2.15E-04	1.03E-09	3.22E-11	1.46E-03	1.74E-05	7.64E-04	2.21E-08	1.42E-05	5.25E-03	7.92E-02	0.00E+00	9.87E-11	1.33E-10	1.53E-05	2.68E-07	1.05E-02	0.00E+00	7.92E-02	2.17E-10	7.92E-02	8.97E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-04
	HLF299S	2.03E-05	4.13E-03	2.04E-03	8.94E-03	0.00E+00	0.00E+00	1.32E-01	1.21E-07	1.22E-05	5.87E-05	0.00E+00	2.03E-04	9.83E-10	3.08E-11	1.39E-03	1.60E-05	7.26E-04	2.28E-08	1.33E-05	5.10E-03	7.46E-02	0.00E+00	9.23E-11	1.25E-10	1.44E-05	2.40E-07	9.84E-03	0.00E+00	7.46E-02	2.06E-10	7.46E-02	8.45E-02	9.84E-03	0.00E+00	0.00E+00	0.00E+00	5.15E-04
	HLF380S	7.20E-05	2.20E-02	6.28E-03	2.72E-02	0.00E+00	0.00E+00	3.94E-01	3.71E-07	3.63E-05	2.13E-04	0.00E+00	6.52E-04	2.99E-09	8.90E-11	4.09E-03	6.65E-05	2.23E-03	1.43E-08	4.57E-05	1.22E-02	2.50E-01	0.00E+00	3.31E-10	4.33E-10	5.02E-05	1.18E-06	3.33E-02	0.00E+00	2.50E-01	6.31E-10	2.50E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
	HLF390S	8.44E-05	3.05E-02	7.24E-03	3.13E-02	0.00E+00	0.00E+00	4.52E-01	4.27E-07	4.17E-05	2.50E-04	0.00E+00	7.55E-04	3.44E-09	1.02E-10	4.68E-03	7.91E-05	2.56E-03	8.24E-09	5.33E-05	1.36E-02	2.91E-01	0.00E+00	3.89E-10	5.06E-10	5.87E-05	1.43E-06	3.88E-02	0.00E+00	2.91E-01	7.26E-10	2.91E-01	3.30E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
	HLF399S	3.06E-05	6.50E-03	3.10E-03	1.36E-02	0.00E+00	0.00E+00	2.01E-01	1.83E-07	1.86E-05	8.87E-05	0.00E+00	3.08E-04	1.49E-09	4.67E-11	2.11E-03	2.41E-05	1.10E-03	3.49E-08	2.02E-05	7.76E-03	1.13E-01	0.00E+00	1.40E-10	1.89E-10	2.17E-05	3.61E-07	1.49E-02	0.00E+00	1.13E-01	3.12E-10	1.13E-01	1.28E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	7.78E-04
	HMB180	2.59E-05	6.59E-03	2.29E-03	9.92E-03	0.00E+00	0.00E+00	1.44E-01	1.35E-07	1.33E-05	7.62E-05	0.00E+00	2.37E-04	1.09E-09	3.27E-11	1.50E-03	2.35E-05	8.12E-04	7.52E-09	1.65E-05	4.60E-03	9.03E-02	0.00E+00	1.19E-10	1.56E-10	1.81E-05	4.14E-07	1.20E-02	0.00E+00	9.03E-02	2.30E-10	9.03E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
	HMB190	3.00E-05	9.41E-03	2.61E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.54E-07	1.51E-05	8.86E-05	0.00E+00	2.71E-04	1.24E-09	3.69E-11	1.70E-03	2.77E-05	9.25E-04	5.51E-09	1.90E-05	5.05E-03	1.04E-01	0.00E+00	1.38E-10	1.80E-10	2.09E-05	4.96E-07	1.38E-02	0.00E+00	1.04E-01	2.62E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
	HMB199	3.29E-05	1.14E-02	2.83E-03	1.22E-02	0.00E+00	0.00E+00	1.77E-01	1.67E-07	1.63E-05	9.71E-05	0.00E+00	2.95E-04	1.35E-09	3.98E-11	1.83E-03	3.07E-05	1.00E-03	4.03E-09	2.08E-05	5.35E-03	1.13E-01	0.00E+00	1.51E-10	1.97E-10	2.29E-05	5.53E-07	1.51E-02	0.00E+00	1.13E-01	2.84E-10	1.13E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.74E-04
	HMB280	5.18E-06	1.81E-02	9.81E-04	4.43E-03	0.00E+00	0.00E+00	6.96E-02	5.83E-08	6.47E-06	1.32E-05	0.00E+00	8.53E-05	4.85E-10	1.74E-11	7.56E-04	4.42E-07	3.51E-04	3.68E-08	4.21E-06	4.05E-03	2.63E-02	0.00E+00	2.22E-11	3.71E-11	4.08E-06	9.20E-08	3.32E-03	0.00E+00	2.63E-02	1.00E-10	2.63E-02	2.96E-02	3.32E-03	0.00E+00	0.00E+00	0.00E+00	9.47E-05
	HMB290	2.45E-05	4.67E-03	2.47E-03	1.08E-02	0.00E+00	0.00E+00	1.60E-01	1.46E-07	1.47E-05	7.11E-05	0.00E+00	2.46E-04	1.19E-09	3.71E-11	1.68E-03	1.94E-05	8.76E-04	2.70E-08	1.61E-05	6.12E-03	9.02E-02	0.00E+00	1.12E-10	1.51E-10	1.74E-05	2.94E-07	1.19E-02	0.00E+00	9.02E-02	2.49E-10	9.02E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
	HMB299	7.93E-06	1.63E-02	1.19E-03	5.33E-03	0.00E+00	0.00E+00	8.24E-02	7.07E-08	7.65E-06	2.14E-05	0.00E+00	1.08E-04	5.85E-10	2.02E-11	8.88E-04	2.36E-06	4.26E-04	3.55E-08	5.90E-06	4.35E-03	3.54E-02	0.00E+00	3.49E-11	5.33E-11	5.96E-06	3.76E-08	4.54E-03	0.00E+00	3.54E-02	1.21E-10	3.54E-02	3.99E-02	4.54E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-04
	HMB380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMB480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMB490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMB499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC180	6.52E-05	2.89E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.94E-04	0.00E+00	5.72E-04	2.59E-09	7.56E-11	3.49E-03	6.26E-05	1.93E-03	0.00E+00	4.07E-05	9.62E-03	2.23E-01	0.00E+00	3.01E-10	3.90E-10	4.52E-05	1.15E-06	2.97E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
	HMC180T	3.15E-05	1.05E-02	2.72E-03	1.18E-02	0.00E+00	0.00E+00	1.70E-01	1.61E-07	1.57E-05	9.30E-05	0.00E+00	2.83E-04	1.30E-09	3.84E-11	1.77E-03	2.93E-05	9.64E-04	4.70E-09	1.99E-05	5.20E-03	1.09E-01	0.00E+00	1.45E-10	1.89E-10	2.19E-05	5.25E-07	1.45E-02	0.00E+00	1.09E-01	2.73E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.36E-04
	HMC190	4.07E-05	1.67E-02	3.43E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.02E-07	1.97E-05	1.20E-04	0.00E+00	3.59E-04	1.63E-09	4.78E-11	2.21E-03	3.87E-05	1.21E-03	2.19E-10	2.56E-05	6.20E-03	1.39E-01	0.00E+00	1.87E-10	2.43E-10	2.82E-05	7.08E-07	1.86E-02	0.00E+00	1.39E-01	3.44E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
	HMC190T	3.00E-05	9.41E-03	2.61E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.54E-07	1.51E-05	8.86E-05	0.00E+00	2.71E-04	1.24E-09	3.69E-11	1.70E-03	2.77E-05	9.25E-04	5.51E-09	1.90E-05	5.05E-03	1.04E-01	0.00E+00	1.38E-10	1.80E-10	2.09E-05	4.96E-07	1.38E-02	0.00E+00	1.04E-01	2.62E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
	HMC199	3.15E-05	1.05E-02	2.72E-03	1.18E-02	0.00E+00	0.00E+00	1.70E-01	1.61E-07	1.57E-05	9.30E-05	0.00E+00	2.83E-04	1.30E-09	3.84E-11	1.77E-03	2.93E-05	9.64E-04	4.70E-09	1.99E-05	5.20E-03	1.09E-01	0.00E+00	1.45E-10	1.89E-10	2.19E-05	5.25E-07	1.45E-02	0.00E+00	1.09E-01	2.73E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.36E-04
	HMC199T	2.95E-05	9.10E-03	2.57E-03	1.11E-02	0.00E+00	0.00E+00	1.62E-01	1.52E-07	1.49E-05	8.72E-05	0.00E+00	2.67E-04	1.23E-09	3.65E-11	1.68E-03	2.73E-05	9.12E-04	5.73E-09	1.87E-05	5.00E-03	1.02E-01	0.00E+00	1.36E-10	1.78E-10	2.06E-05	4.86E-07	1.36E-02	0.00E+00	1.02E-01	2.58E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-04
	HMC280	2.18E-05	6.54E-03	2.26E-03	9.88E-03	0.00E+00	0.00E+00	1.47E-01	1.33E-07	1.36E-05	6.29E-05	0.00E+00	2.23E-04	1.09E-09	3.43E-11	1.55E-03	1.66E-05	8.02E-04	2.83E-08	1.44E-05	5.82E-03	8.12E-02	0.00E+00	9.91E-11	1.35E-10	1.55E-05	2.40E-07	1.07E-02	0.00E+00	8.12E-02	2.27E-10	8.12E-02	9.18E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-04
	HMC280T	3.35E-05	1.45E-03	3.16E-03	1.37E-02	0.00E+00	0.00E+00	2.02E-01	1.87E-07	1.86E-05	9.79E-05	0.00E+00	3.20E-04	1.51E-09	4.63E-11	2.11E-03	2.86E-05	1.12E-03	2.26E-08	2.16E-05	7.10E-03	1.20E-01	0.00E+00	1.53E-10	2.04E-10	2.35E-05	4.72E-07	1.59E-02	0.00E+00	1.20E-01	3.18E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	8.69E-04
	HMC290	4.39E-06	2.44E-02	2.38E-04	1.25E-03	0.00E+00	0.00E+00	2.43E-02	1.44E-08	2.31E-06	1.54E-05	0.00E+00	5.29E-06	1.34E-10	7.43E-12	2.92E-04	1.02E-05	8.86E-05	4.11E-08	1.70E-06	2.98E-03	5.49E-03	0.00E+00	2.21E-11	1.94E-11	2.51E-06	2.80E-07	9.37E-04	0.00E+00	5.49E-03	2.57E-11	5.49E-03	6.43E-03	9.37E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
	HMC290T	3.97E-05	5.68E-03	3.63E-03	1.58E-02	0.00E+00	0.00E+00	2.31E-01	2.15E-07	2.13E-05	1.16E-04	0.00E+00	3.71E-04	1.74E-09	5.26E-11	2.40E-03	3.49E-05	1.29E-03	1.96E-08	2.54E-05	7.77E-03	1.40E-01	0.00E+00	1.82E-10	2.40E-10	2.78E-05	5.95E-07	1.86E-02	0.00E+00	1.40E-01	3.65E-10	1.40E-01	1.59E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
	HMC299	3.76E-05	4.28E-03	3.48E-03	1.51E-02	0.00E+00	0.00E+00	2.21E-01	2.05E-07	2.04E-05	1.10E-04	0.00E+00	3.54E-04	1.66E-09	5.05E-11	2.31E-03	3.28E-05	1.23E-03	2.06E-08	2.42E-05	7.55E-03	1.34E-01	0.00E+00	1.72E-10	2.28E-10	2.64E-05	5.54E-07	1.77E-02	0.00E+00	1.34E-01	3.49E-10	1.34E-01	1.51E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
	HMC299T	3.62E-05	3.33E-03	3.37E-03	1.46E-02	0.00E+00	0.00E+00	2.15E-01	1.99E-07	1.98E-05	1.06E-04	0.00E+00	3.43E-04	1.61E-09	4.91E-11	2.24E-03	3.14E-05	1.19E-03	2.13E-08	2.33E-05	7.40E-03	1.29E-01	0.00E+00	1.66E-10	2.20E-10	2.54E-05	5.26E-07	1.71E-02	0.00E+00	1.29E-01	3.39E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.44E-04
	HMC380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC390	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC399	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMD180	2.03E-05	2.82E-03	1.87E-03	8.10E-03	0.00E+00	0.00E+00	1.18E-01	1.10E-07	1.09E-05	5.97E-05	0.00E+00	1.91E-04	8.92E-10	2.70E-11	1.23E-03	1.79E-05	6.62E-04	1.02E-08	1.31E-05	4.00E-03	7.20E-02	0.00E+00	9.33E-11	1.23E-10	1.43E-05	3.04E-07	9.55E-03	0.00E+00	7.20E-02	1.88E-10	7.20E-02	8.16E-02	9.55E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
	HMD180T	2.95E-05	9.10E-03	2.57E-03	1.11E-02	0.00E+00	0.00E+00	1.62E-01	1.52E-07	1.49E-05	8.72E-05	0.00E+00	2.67E-04	1.23E-09	3.65E-11	1.68E-03	2.73E-05	9.12E-04	5.73E-09	1.87E-05	5.00E-03	1.02E-01	0.00E+00	1.36E-10	1.78E-10	2.06E-05	4.86E-07	1.36E-02	0.00E+00	1.02E-01	2.58E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-04
	HMD190	2.40E-05	5.33E-03	2.15E-03	9.31E-03	0.00E+00	0.00E+00	1.36E-01	1.27E-07	1.25E-05	7.07E-05	0.00E+00	2.21E-04	1.03E-09	3.08E-11	1.41E-03	2.16E-05	7.62E-04	8.43E-09	1.53E-05	4.40E-03	8.42E-02	0.00E+00	1.10E-10	1.45E-10	1.68E-05	3.77E-07	1.12E-02	0.00E+00	8.42E-02	2.16E-10	8.42E-02	9.54E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04

HMD190T	2.81E-05	8.15E-03	2.47E-03	1.07E-02	0.00E+00	0.00E+00	1.55E-01	1.46E-07	1.43E-05	8.30E-05	0.00E+00	2.56E-04	1.18E-09	3.50E-11	1.61E-03	2.59E-05	8.74E-04	6.41E-09	1.79E-05	4.85E-03	9.78E-02	0.00E+00	1.29E-10	1.69E-10	1.96E-05	4.59E-07	1.30E-02	0.00E+00	9.78E-02	2.48E-10	9.78E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.45E-04
HMD199	4.29E-05	1.83E-02	3.61E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.27E-04	0.00E+00	3.78E-04	1.71E-09	5.02E-11	2.32E-03	4.10E-05	1.28E-03	8.94E-10	2.70E-05	6.45E-03	1.47E-01	0.00E+00	1.98E-10	2.57E-10	2.98E-05	7.53E-07	1.96E-02	0.00E+00	1.47E-01	3.62E-10	1.47E-01	1.66E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
HMD199T	3.18E-05	1.07E-02	2.75E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.62E-07	1.59E-05	9.40E-05	0.00E+00	2.86E-04	1.31E-09	3.88E-11	1.78E-03	2.96E-05	9.74E-04	4.62E-09	2.01E-05	5.25E-03	1.10E-01	0.00E+00	1.46E-10	1.91E-10	2.21E-05	5.32E-07	1.46E-02	0.00E+00	1.10E-01	2.76E-10	1.10E-01	1.25E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
HMD280	3.55E-05	2.85E-03	3.31E-03	1.44E-02	0.00E+00	0.00E+00	2.11E-01	1.96E-07	1.95E-05	1.04E-04	0.00E+00	3.37E-04	1.59E-09	4.84E-11	2.21E-03	3.07E-05	1.18E-03	2.16E-08	2.29E-05	7.32E-03	1.27E-01	0.00E+00	1.63E-10	2.16E-10	2.49E-05	5.13E-07	1.68E-02	0.00E+00	1.27E-01	3.33E-10	1.27E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-04
HMD280T	1.96E-05	8.26E-03	2.09E-03	9.19E-03	0.00E+00	0.00E+00	1.37E-01	1.24E-07	1.27E-05	5.64E-05	0.00E+00	2.05E-04	1.01E-09	3.22E-11	1.45E-03	1.43E-05	7.45E-04	2.98E-08	1.31E-05	5.63E-03	7.41E-02	0.00E+00	8.91E-11	1.22E-10	1.40E-05	1.95E-07	9.73E-03	0.00E+00	7.41E-02	2.11E-10	7.41E-02	8.38E-02	9.73E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
HMD290	3.08E-06	2.38E-02	3.45E-04	1.70E-03	0.00E+00	0.00E+00	3.09E-02	2.07E-08	2.91E-06	1.16E-05	0.00E+00	1.66E-05	1.85E-10	8.90E-12	3.60E-04	8.89E-06	1.26E-04	4.09E-08	8.82E-07	3.16E-03	1.07E-03	0.00E+00	1.61E-11	1.17E-11	1.60E-06	2.56E-07	3.47E-04	0.00E+00	1.07E-03	3.64E-11	1.07E-03	1.42E-03	3.47E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
HMD290T	4.79E-05	1.10E-02	4.27E-03	1.85E-02	0.00E+00	0.00E+00	2.69E-01	2.52E-07	2.48E-05	1.41E-04	0.00E+00	4.40E-04	2.04E-09	6.11E-11	2.80E-03	4.32E-05	1.51E-03	1.60E-08	3.05E-05	8.70E-03	1.68E-01	0.00E+00	2.20E-10	2.89E-10	3.34E-05	7.55E-07	2.23E-02	0.00E+00	1.68E-01	4.29E-10	1.68E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
HMD299	3.85E-05	4.39E-03	3.56E-03	1.55E-02	0.00E+00	0.00E+00	2.26E-01	2.10E-07	2.09E-05	1.13E-04	0.00E+00	3.63E-04	1.70E-09	5.17E-11	2.36E-03	3.36E-05	1.26E-03	2.11E-08	2.48E-05	7.73E-03	1.37E-01	0.00E+00	1.77E-10	2.34E-10	2.70E-05	5.67E-07	1.81E-02	0.00E+00	1.37E-01	3.58E-10	1.37E-01	1.55E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
HMD299T	3.97E-05	5.68E-03	3.63E-03	1.58E-02	0.00E+00	0.00E+00	2.31E-01	2.15E-07	2.13E-05	1.16E-04	0.00E+00	3.71E-04	1.74E-09	5.26E-11	2.40E-03	3.49E-05	1.29E-03	1.96E-08	2.54E-05	7.77E-03	1.40E-01	0.00E+00	1.82E-10	2.40E-10	2.78E-05	5.95E-07	1.86E-02	0.00E+00	1.40E-01	3.65E-10	1.40E-01	1.59E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
HMD380T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMD390T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMD399T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF180	2.03E-05	2.82E-03	1.87E-03	8.10E-03	0.00E+00	0.00E+00	1.18E-01	1.10E-07	1.09E-05	5.97E-05	0.00E+00	1.91E-04	8.92E-10	2.70E-11	1.23E-03	1.79E-05	6.62E-04	1.02E-08	1.31E-05	4.00E-03	7.20E-02	0.00E+00	9.33E-11	1.23E-10	1.43E-05	3.04E-07	9.55E-03	0.00E+00	7.20E-02	1.88E-10	7.20E-02	8.16E-02	9.55E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
HMF180T	6.52E-05	2.89E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.94E-04	0.00E+00	5.72E-04	2.59E-09	7.56E-11	3.49E-03	6.26E-05	1.93E-03	0.00E+00	4.07E-05	9.62E-03	2.23E-01	0.00E+00	3.01E-10	3.90E-10	4.52E-05	1.15E-06	2.97E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
HMF190	3.47E-05	1.27E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.85E-01	1.75E-07	1.71E-05	1.03E-04	0.00E+00	3.10E-04	1.41E-09	4.17E-11	1.92E-03	3.25E-05	1.05E-03	3.14E-09	2.19E-05	5.55E-03	1.19E-01	0.00E+00	1.60E-10	2.08E-10	2.41E-05	5.89E-07	1.59E-02	0.00E+00	1.19E-01	2.98E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.24E-04
HMF190T	6.72E-05	2.98E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.49E-01	3.31E-07	3.21E-05	1.99E-04	0.00E+00	5.90E-04	2.67E-09	7.79E-11	3.60E-03	6.45E-05	1.99E-03	0.00E+00	4.20E-05	9.92E-03	2.29E-01	0.00E+00	3.10E-10	4.02E-10	4.66E-05	1.19E-06	3.06E-02	0.00E+00	2.29E-01	5.63E-10	2.29E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
HMF199	2.60E-05	6.72E-03	2.30E-03	9.96E-03	0.00E+00	0.00E+00	1.45E-01	1.36E-07	1.33E-05	7.66E-05	0.00E+00	2.37E-04	1.10E-09	3.28E-11	1.50E-03	2.36E-05	8.15E-04	7.38E-09	1.65E-05	4.61E-03	9.07E-02	0.00E+00	1.19E-10	1.57E-10	1.81E-05	4.16E-07	1.21E-02	0.00E+00	9.07E-02	2.31E-10	9.07E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
HMF199T	2.95E-05	9.10E-03	2.57E-03	1.11E-02	0.00E+00	0.00E+00	1.62E-01	1.52E-07	1.49E-05	8.72E-05	0.00E+00	2.67E-04	1.23E-09	3.65E-11	1.68E-03	2.73E-05	9.12E-04	5.73E-09	1.87E-05	5.00E-03	1.02E-01	0.00E+00	1.36E-10	1.78E-10	2.06E-05	4.86E-07	1.36E-02	0.00E+00	1.02E-01	2.58E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-04
HMF280	3.83E-05	4.75E-03	3.53E-03	1.53E-02	0.00E+00	0.00E+00	2.24E-01	2.08E-07	2.07E-05	1.12E-04	0.00E+00	3.60E-04	1.69E-09	5.12E-11	2.34E-03	3.35E-05	1.25E-03	2.03E-08	2.46E-05	7.62E-03	1.36E-01	0.00E+00	1.76E-10	2.32E-10	2.69E-05	5.68E-07	1.80E-02	0.00E+00	1.36E-01	3.55E-10	1.36E-01	1.54E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
HMF280T	7.37E-05	3.27E-02	6.15E-03	2.65E-02	0.00E+00	0.00E+00	3.82E-01	3.63E-07	3.52E-05	2.19E-04	0.00E+00	6.46E-04	2.92E-09	8.54E-11	3.95E-03	7.07E-05	2.18E-03	0.00E+00	4.60E-05	1.09E-02	2.51E-01	0.00E+00	3.40E-10	4.40E-10	5.11E-05	1.30E-06	3.35E-02	0.00E+00	2.51E-01	6.17E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
HMF290	2.03E-05	7.78E-03	2.15E-03	9.42E-03	0.00E+00	0.00E+00	1.40E-01	1.27E-07	1.30E-05	5.85E-05	0.00E+00	2.11E-04	1.04E-09	3.29E-11	1.48E-03	1.50E-05	7.64E-04	2.95E-08	1.35E-05	5.70E-03	7.64E-02	0.00E+00	9.23E-11	1.26E-10	1.45E-05	2.08E-07	1.00E-02	0.00E+00	7.64E-02	2.17E-10	7.64E-02	8.64E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.08E-04
HMF290T	4.79E-05	1.13E-02	4.27E-03	1.85E-02	0.00E+00	0.00E+00	2.69E-01	2.52E-07	2.48E-05	1.41E-04	0.00E+00	4.40E-04	2.04E-09	6.11E-11	2.80E-03	4.33E-05	1.51E-03	1.56E-08	3.05E-05	8.67E-03	1.68E-01	0.00E+00	2.20E-10	2.89E-10	3.35E-05	7.58E-07	2.23E-02	0.00E+00	1.68E-01	4.29E-10	1.68E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
HMF299	5.61E-05	1.66E-02	4.91E-03	2.12E-02	0.00E+00	0.00E+00	3.08E-01	2.90E-07	2.84E-05	1.66E-04	0.00E+00	5.09E-04	2.34E-09	6.96E-11	3.20E-03	5.16E-05	1.74E-03	1.21E-08	3.56E-05	9.60E-03	1.95E-01	0.00E+00	2.58E-10	3.37E-10	3.91E-05	9.18E-07	2.59E-02	0.00E+00	1.95E-01	4.93E-10	1.95E-01	2.21E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
HMF299T	3.49E-05	2.40E-03	3.26E-03	1.42E-02	0.00E+00	0.00E+00	2.08E-01	1.93E-07	1.92E-05	1.02E-04	0.00E+00	3.32E-04	1.56E-09	4.77E-11	2.17E-03	3.00E-05	1.16E-03	2.19E-08	2.25E-05	7.25E-03	1.24E-01	0.00E+00	1.60E-10	2.12E-10	2.45E-05	4.99E-07	1.65E-02	0.00E+00	1.24E-01	3.28E-10	1.24E-01	1.41E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.07E-04
HMF380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF380T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF390	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF399T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMF490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMF499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMX110	6.52E-05	2.89E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.94E-04	0.00E+00	5.72E-04	2.59E-09	7.56E-11	3.49E-03	6.26E-05	1.93E-03	0.00E+00	4.07E-05	9.62E-03	2.23E-01	0.00E+00	3.01E-10	3.90E-10	4.52E-05	1.15E-06	2.97E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
HMX116	2.99E-05	1.15E-02	2.55E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.50E-07	1.46E-05	8.86E-05	0.00E+00	2.66E-04	1.21E-09	3.57E-11	1.64E-03	2.82E-05	9.02E-04	1.68E-09	1.89E-05	4.70E-03	1.03E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.13E-07	1.37E-02	0.00E+00	1.03E-01	2.56E-10	1.03E-01	1.17E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-04
HMX120	2.85E-05	1.05E-02	2.44E-03	1.05E-02	0.00E+00	0.00E+00	1.52E-01	1.44E-07	1.40E-05	8.45E-05	0.00E+00	2.55E-04	1.16E-09	3.43E-11	1.58E-03	2.68E-05	8.64E-04	2.35E-09	1.80E-05	4.55E-03	9.83E-02	0.00E+00	1.31E-10	1.71E-10	1.98E-05	4.86E-07	1.31E-02	0.00E+00	9.83E-02	2.45E-10	9.83E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.61E-04
HMX125	4.70E-05	2.29E-02	3.87E-03	1.67E-02	0.00E+00	0.00E+00	2.39E-01	2.28E-07	2.20E-05	1.40E-04	0.00E+00	4.09E-04	1.84E-09	5.33E-11	2.47E-03	4.56E-05	1.37E-03	6.15E-09	2.94E-05	6.60E-03	1.59E-01	0.00E+00	2.17E-10	2.80E-10	3.25E-05	8.49E-07	2.13E-02	0.00E+00	1.59E-01	3.88E-10	1.59E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
HMX132	4.04E-05	1.85E-02	3.36E-03	1.45E-02	0.00E+00	0.00E+00	2.08E-01	1.98E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.65E-11	2.15E-03	3.89E-05	1.19E-03	3.10E-09	2.53E-05	5.87E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.20E-07	1.84E-02	0.00E+00	1.38E-01	3.37E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
HMX150	2.41E-05	6.74E-03	2.11E-03	9.15E-03	0.00E+00	0.00E+00	1.33E-01	1.25E-07	1.22E-05	7.09E-05	0.00E+00	2.19E-04	1.01E-09	3.01E-11	1.38E-03	2.20E-05	7.49E-04	5.89E-09	1.53E-05	4.18E-03	8.37E-02	0.00E+00	1.11E-10	1.45E-10	1.68E-05	3.90E-07	1.11E-02	0.00E+00	8.37E-02	2.12E-10	8.37E-02	9.48E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
HMX163	6.04E-05	3.20E-02	4.90E-03	2.11E-02	0.00E+00	0.00E+00	3.02E-01	2.89E-07	2.78E-05	1.80E-04	0.00E+00	5.20E-04	2.32E-09	6.71E-11	3.11E-03	5.93E-05	1.73E-03	1.27E-08	3.76E-05	8.06E-03	2.04E-01	0.00E+00	2.79E-10	3.59E-10	4.18E-05	1.12E-06	2.72E-02	0.00E+00	2.04E-01	4.91E-10	2.04E-01	2.31E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
HMX216	3.77E-05	8.51E-03	3.37E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.99E-07	1.96E-05	1.11E-04	0.00E+00	3.47E-04	1.61E-09	4.83E-11	2.21E-03	3.40E-05	1.20E-03	1.30E-08	2.41E-05	6.89E-03	1.32E-01	0.00E+00	1.73E-10	2.28E-10	2.64E-05	5.93E-07	1.76E-02	0.00E+00	1.32E-01	3.39E-10	1.32E-01	1.50E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	9.94E-04
HMX220	5.76E-05	2.17E-02	4.91E-03	2.12E-02	0.00E+00	0.00E+00	3.06E-01	2.90E-07	2.82E-05	1.70E-04	0.00E+00	5.13E-04	2.34E-09	6.88E-11	3.17E-03	5.42E-05	1.74E-03	3.88E-09	3.63E-05	9.10E-03	1.98E-01	0.00E+00	2.65E-10	3.45E-10	4.00E-05	9.84E-07	2.64E-02	0.00E+00	1.98E-01	4.93E-10	1.98E-01	2.24E-01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
HMX225	2.74E-05	1.46E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.65E-01	1.52E-07	1.52E-05	8.02E-05	0.00E+00	2.62E-04	1.23E-09	3.77E-11	1.72E-03	2.35E-05	9.14E-04	1.80E-08	1.77E-05	5.77E-03	9.80E-02	0.00E+00	1.26E-10	1.67E-10	1.93E-05	3.89E-07	1.30E-02	0.00E+00	9.80E-02	2.59E-10	9.80E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.12E-04
HMX232	3.77E-05	8.51E-03	3.37E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.99E-07	1.96E-05	1.11E-04	0.00E+00	3.47E-04	1.61E-09	4.83E-11	2.21E-03	3.40E-05	1.20E-03	1.30E-08	2.41E-05	6.89E-03	1.32E-01	0.00E+00	1.73E-10	2.28E-10	2.64E-05	5.93E-07	1.76E-02	0.00E+00	1.32E-01	3.39E-10	1.32E-01	1.50E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	9.94E-04
HMX240	2.39E-05	9.15E-04	2.31E-03	1.01E-02	0.00E+00	0.00E+00	1.48E-01	1.36E-07	1.37E-05	6.98E-05	0.00E+00	2.33E-04	1.11E-09	3.42E-11	1.55E-03	1.99E-05	8.20E-04	1.97E-08	1.56E-05	5.39E-03	8.65E-02	0.00E+00	1.09E-10	1.46E-10	1.69E-05	3.20E-07	1.14E-02	0.00E+00	8.65E-02	2.32E-10	8.65E-02	9.80E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04
HMX250	3.06E-05	2.40E-03	2.85E-03	1.24E-02	0.00E+00	0.00E+00	1.82E-01	1.68E-07	1.68E-05	8.94E-05	0.00E+00	2.90E-04	1.36E-09	4.16E-11	1.90E-03	2.64E-05	1.01E-03	1.87E-08	1.97E-05	6.30E-03	1.09E-01	0.00E+00	1.40E-10	1.86E-10	2.14E-05	4.40E-07	1.44E-02	0.00E+00	1.09E-01	2.87E-10	1.09E-01	1.23E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	7.95E-04
HMX263	3.14E-06	2.01E-02	2.41E-04	1.22E-03	0.00E+00	0.00E+00	2.28E-02	1.45E-08	2.16E-06	1.13E-05	0.00E+00	8.88E-06	1.32E-10	6.78E-12	2.71E-04	7.98E-06	8.88E-05	3.42E-08	1.09E-06	2.55E-03	2.83E-03	0.00E+00	1.61E-11	1.31E-11	1.73E-06	2.24E-07	5.49E-04	0.00E+00	2.83E-03	2.56E-11	2.83E-03	3.38E-03	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
HMX310	5.58E-05	1.16E-02	5.01E-03	2.17E-02	0.00E+00	0.00E+00	3.17E-01	2.96E-07	2.92E-05	1.64E-04	0.00E+00	5.15E-04	2.39E-09	7.19E-11	3.29E-03	5.00E-05	1.78E-03	2.10E-08	3.56E-05	1.03E-02	1.96E-01	0.00E+00	2.56E-10	3.37E-10	3.90E-05	8.68E-07	2.60E-02	0.00E+00	1.96E-01	5.03E-10	1.96E-01	2.22E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
HMX316	3.06E-04	1.86E-01	2.42E-02	1.04E-01	0.00E+00	0.00E+00	1.48E+00	1.43E-06	1.36E-04	9.14E-04	0.00E+00	2.59E-03	1.15E-08	3.27E-10	1.52E-02	3.07E-04	8.57E-03	1.08E-07	1.90E-04	3.70E-02	1.02E+00	0.00E+00	1.42E-09	1.81E-09	2.11E-04	5.87E-06	1.37E-01	0.00E+00	1.02E+00	2.42E-09	1.02E+00	1.16E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.32E-03
HMX320	5.99E-05	1.44E-02	5.33E-03	2.31E-02	0.00E+00	0.00E+00	3.36E-01	3.15E-07	3.10E-05	1.76E-04	0.00E+00	5.49E-04	2.54E-09	7.62E-11	3.49E-03	5.42E-05	1.89E-03	1.90E-08	3.81E-05	1.08E-02	2.09E-01	0.00E+00	2.75E-10	3.61E-10	4.18E-05	9.50E-07	2.78E-02	0.00E+00	2.09E-01	5.35E-10	2.09E-01	2.37E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
HMX325	7.37E-05	2.38E-02	6.39E-03	2.76E-02	0.00E+00	0.00E+00	4.00E-01	3.77E-07	3.69E-05	2.18E-04	0.00E+00	6.64E-04	3.04E-09	9.03E-11	4.15E-03	6.83E-05	2.26E-03	1.22E-08	4.66E-05	1.23E-02	2.55E-01	0.00E+00	3.39E-10	4.43E-10	5.13E-05	1.22E-06	3.39E-02	0.00E+00	2.55E-01	6.41E-10	2.55E-01	2.89E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
HMX332	9.80E-05	3.99E-02	8.28E-03	3.57E-02	0.00E+00	0.00E+00	5.15E-01	4.89E-07	4.74E-05	2.90E-04	0.00E+00	8.67E-04	3.93E-09	1.16E-10	5.33E-03	9.31E-05	2.93E-03	1.29E-09	6.16E-05	1.50E-02	3.36E-01	0.00E+00	4.52E-10	5.86E-10	6.80E-05	1.70E-06	4.48E-02	0.00E+00	3.36E-01	8.30E-10	3.36E-01	3.81E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
HMX340	4.90E-05	7.18E-03	4.48E-03	1.95E-02	0.00E+00	0.00E+00	2.84E-01	2.65E-07	2.62E-05	1.44E-04	0.00E+00	4.58E-04	2.14E-09	6.49E-11	2.96E-03	4.31E-05	1.59E-03	2.39E-08	3.14E-05	9.56E-03	1.73E-01	0.00E+00	2.25E-10	2.97E-10	3.43E-05	7.35E-07	2.30E-02	0.00E+00	1.73E-01	4.50E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
HMX350	5.85E-05	1.18E-02	5.26E-03	2.28E-02	0.00E+00	0.00E+00	3.33E-01	3.11E-07	3.07E-05	1.72E-04	0.00E+00	5.41E-04	2.51E-09	7.56E-11	3.46E-03	5.23E-05	1.87E-03	2.27E-08	3.73E-05	1.09E-02	2.05E-01	0.00E+00	2.68E-10	3.53E-10	4.09E-05	9.07E-07	2.73E-02	0.00E+00	2.05E-01	5.29E-10	2.05E-01	2.33E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
HMX363	1.48E-05	1.76E-02	1.89E-03	8.38E-03	0.00E+00	0.00E+00	1.27E-01	1.12E-07	1.18E-05	4.14E-05	0.00E+00	1.77E-04	9.20E-10	3.06E-11	1.36E-03	7.83E-06	6.73E-04	4.31E-08	1.04E-05	6.08E-03	6.08E-02	0.00E+00	6.64E-11	9.59E-11	1.09E-05	4.53E-08	7.89E-03	0.00E+00	6.08E-02	1.91E-10	6.08E-02	6.87E-02	7.89E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MA100Z	1.31E-05	3.34E-03	1.16E-03	5.01E-03	0.00E+00	0.00E+00	7.29E-02	6.83E-08	6.72E-06	3.85E-05	0.00E+00	1.19E-04	5.52E-10	1.65E-11	7.57E-04	1.19E-05	4.10E-04	3.78E-09	8.31E-06	2.32E-03	4.56E-02	0.00E+00	6.00E-11	7.87E-11	9.12E-06	2.09E-07	6.06E-03	0.00E+00	4.56E-02	1.16E-10	4.56E-02	5.17E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
MA101Z	1.78E-05	6.59E-03	1.52E-03	6.58E-03	0.00E+00	0.00E+00	9.52E-02	9.00E-08	8.76E-06	5.27E-05	0.00E+00	1.59E-04	7.25E-10	2.14E-11	9.85E-04	1.67E-05	5.40E-04	1.46E-09	1.12E-05	2.84E-03	6.14E-02	0.00E+00	8.21E-11	1.07E-10	1.24E-05	3.03E-07	8.17E-03	0.00E+00	6.14E-02	1.53E-10	6.14E-02	6.95E-02	8.17E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-04
MA102Z	1.35E-05	3.63E-03	1.19E-03	5.15E-03	0.00E+00	0.00E+00	7.49E-02	7.03E-08	6.90E-06	3.98E-05	0.00E+00	1.23E-04	5.67E-10	1.70E-11	7.78E-04	1.23E-05	4.22E-04	3.57E-09	8.58E-06	2.37E-03	4.70E-02	0.00E+00	6.20E-11	8.13E-11	9.41E-06	2.18E-07	6.25E-03	0.00E+00	4.70E-02	1.20E-10	4.70E-02	5.33E-02	6.25E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MA103Z	1.36E-05	3.68E-03	1.20E-03	5.17E-03	0.00E+00	0.00E+00	7.52E-02	7.06E-08	6.93E-06	4.00E-05	0.00E+00	1.24E-04	5.70E-10	1.70E-11	7.81E-04	1.24E-05	4.24E-04	3.54E-09	8.62E-06	2.38E-03	4.72E-02	0.00E+00	6.23E-11	8.17E-11	9.46E-06	2.19E-07	6.28E-03	0.00E+00	4.72E-02	1.20E-10	4.72E-02	5.35E-02	6.28E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
MA104Z	4.73E-07	5.27E-03	1.87E-04	8.58E-04	0.00E+00	0.00E+00	1.39E-02	1.11E-08	1.30E-06	8.13E-07	0.00E+00	1.48E-05	9.38E-11	3.60E-12	1.54E-04	9.97E-07	6.71E-05	9.93E-09	5.54E-07	9.52E-04	3.92E-03	0.00E+00	1.72E-12	4.47E-12	4.58E-07	4.09E-08	4.73E-04	0.00E+00	3.92E-03	1.92E-11	3.92E-03	4.39E-03	4.73E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-07
MA106Z	1.13E-05	2.90E-03	1.00E-03	4.33E-03	0.00E+00	0.00E+00	6.30E-02	5.90E-08	5.80E-06	3.33E-05	0.00E+00	1.03E-04	4.77E-10	1.43E-11	6.54E-04	1.03E-05	3.54E-04	3.24E-09	7.18E-06	2.00E-03	3.94E-02	0.00E+00	5.19E-11	6.81E-11	7.88E-06	1.81E-07	5.24E-03	0.00E+00	3.94E-02	1.00E-10	3.94E-02	4.47E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04
MA110Z	9.33E-06	1.52E-03	8.49E-04	3.69E-03	0.00E+00	0.00E+00	5.38E-02	5.02E-08	4.96E-06	2.74E-05	0.00E+00	8.70E-05	4.06E-10	1.23E-11	5.61E-04	8.25E-06	3.01E-04	4.28E-09	5.97E-06	1.80E-03	3.29E-02	0.00E+00	4.28E-11	5.65E-11	6.53E-06	1.41E-07	4.37E-03	0.00E+00	3.29E-02	8.54E-11	3.29E-02	3.73E-02	4.37E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MA116Z	1.01E-05	1.97E-03	9.08E-04	3.94E-03	0.00E+00	0.00E+00	5.74E-02	5.36E-08	5.29E-06	2.96E-05	0.00E+00	9.33E-05	4.34E-10	1.31E-11	5.98E-04	9.00E-06	3.22E-04	4.00E-09	6.43E-06	1.89E-03	3.54E-02	0.00E+00	4.62E-11	6.09E-11	7.04E-06	1.56E-07	4.70E-03	0.00E+00	3.54E-02	9.12E-11	3.54E-02	4.01E-02	4.70E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MA120Z	9.09E-06	1.23E-03	8.34E-04	3.62E-03	0.00E+00	0.00E+00	5.30E-02	4.93E-08	4.88E-06	2.67E-05	0.00E+00	8.52E-05	3.99E-10	1.21E-11	5.52E-04	7.98E-06	2.96E-04	4.61E-09	5.83E-06	1.79E-03	3.22E-02	0.00E+00	4.17E-11	5.51E-11	6.37E-06	1.36E-07	4.27E-03	0.00E+00	3.22E-02	8.39E-11	3.22E-02	3.64E-02	4.27E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
MA125Z	8.47E-06	6.57E-04	7.91E-04	3.44E-03	0.00E+00	0.00E+00	5.04E-02	4.67E-08	4.65E-06	2.48E-05	0.00E+00	8.04E-05	3.78E-10	1.15E-11	5.26E-04	7.30E-06	2.81E-04	5.19E-09	5.46E-06	1.75E-03	3.02E-02	0.00E+00	3.88E-11	5.15E-11	5.95E-06	1.22E-07	4.00E-03	0.00E+00	3.02E-02	7.95E-11	3.02E-02	3.42E-02	4.00E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MA132Z	2.19E-05	9.52E-03	1.83E-03	7.91E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.50E-05	0.00E+00	1.93E-04	8.72E-10	2.55E-11	1.18E-03	2.10E-05	6.50E-04	7.87E-10	1.38E-05	3.26E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.86E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.87E-04
MA140Z	2.39E-05	1.09E-02	1.99E-03	8.56E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.09E-05	0.00E+00	2.09E-04	9.44E-10	2.75E-11	1.27E-03	2.30E-05	7.04E-04	1.75E-09	1.50E-05	3.48E-03	8.14E-02	0.00E+00	1.10E-10	1.43E-10	1.66E-05	4.25E-07	1.09E-02	0.00E+00	8.14E-02	1.99E-10	8.14E-02	9.22E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.41E-04
MA150Z	2.69E-05	1.26E-02	2.23E-03	9.59E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	7.98E-05	0.00E+00	2.35E-04	1.06E-09	3.08E-11	1.42E-03	2.60E-05	7.88E-04	2.63E-09	1.68E-05	3.85E-03	9.14E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.82E-07	1.22E-02	0.00E+00	9.14E-02	2.23E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
MA163Z	2.91E-05	1.41E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.64E-05	0.00E+00	2.53E-04	1.14E-09	3.31E-11	1.53E-03	2.82E-05	8.48E-04	3.71E-09	1.82E-05	4.10E-03	9.87E-02	0.00E+00	1.34E-10	1.73E-10	2.01E-05	5.25E-07	1.32E-02	0.00E+00	9.87E-02	2.40E-10	9.87E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-04
MA200Z	4.01E-06	1.39E-02	8.71E-06	8.10E-05	0.00E+00	0.00E+00	4.58E-03	3.09E-10	4.61E-07	1.32E-05	0.00E+00	1.16E-05	7.19E-12	2.11E-12	6.98E-05	7.07E-06	7.40E-07	2.23E-08	1.95E-06	1.37E-03	8.57E-03	0.00E+00	1.95E-11	2.03E-11	2.49E-06	1.80E-07	1.25E-03	0.00E+00	8.57E-03	9.60E-14	8.57E-03	9.82E-03	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MA201Z	3.30E-05	1.14E-02	2.84E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.68E-07	1.64E-05	9.75E-05	0.00E+00	2.96E-04	1.35E-09	4.00E-11	1.84E-03	3.08E-05	1.01E-03	4.22E-09	2.08E-05	5.39E-03	1.14E-01	0.00E+00	1.52E-10	1.98E-10	2.29E-05	5.54E-07	1.52E-02	0.00E+00	1.14E-01	2.85E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-04
MA202Z	2.88E-05	8.53E-03	2.52E-03	1.09E-02	0.00E+00	0.00E+00	1.58E-01	1.49E-07	1.46E-05	8.51E-05	0.00E+00	2.61E-04	1.20E-09	3.58E-11	1.64E-03	2.65E-05	8.94E-04	6.24E-09	1.83E-05	4.94E-03	1.00E-01	0.00E+00	1.33E-10	1.73E-10	2.01E-05	4.72E-07	1.33E-02	0.00E+00	1.00E-01	2.53E-10	1.00E-01	1.14E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
MA203Z	2.93E-05	8.85E-03	2.56E-03	1.11E-02	0.00E+00	0.00E+00	1.61E-01	1.51E-07	1.48E-05	8.65E-05	0.00E+00	2.65E-04	1.22E-09	3.63E-11	1.67E-03	2.70E-05	9.07E-04	6.01E-09	1.86E-05	4.99E-03	1.02E-01	0.00E+00	1.35E-10	1.76E-10	2.04E-05	4.81E-07	1.35E-02	0.00E+00	1.02E-01	2.57E-10	1.02E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.77E-04
MA204Z	2.24E-05	4.15E-03	2.03E-03	8.80E-03	0.00E+00	0.00E+00	1.28E-01	1.20E-07	1.18E-05	6.59E-05	0.00E+00	2.08E-04	9.69E-10	2.92E-11	1.34E-03	2.00E-05	7.19E-04	9.37E-09	1.43E-05	4.24E-03	7.90E-02	0.00E+00	1.03E-10	1.36E-10	1.57E-05	3.45E-07	1.05E-02	0.00E+00	7.90E-02	2.04E-10	7.90E-02	8.94E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-04
MA206Z	1.74E-05	2.26E-03	1.60E-03	6.95E-03	0.00E+00	0.00E+00	1.02E-01	9.45E-08	9.37E-06	5.10E-05	0.00E+00	1.63E-04	7.65E-10	2.32E-11	1.06E-03	1.52E-05	5.67E-04	9.01E-09	1.12E-05	3.44E-03	6.17E-02	0.00E+00	7.98E-11	1.06E-10	1.22E-05	2.59E-07	8.18E-03	0.00E+00	6.17E-02	1.61E-10	6.17E-02	6.98E-02	8.18E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-04
MA210Z	1.56E-05	9.39E-04	1.46E-03	6.35E-03	0.00E+00	0.00E+00	9.31E-02	8.62E-08	8.59E-06	4.55E-05	0.00E+00	1.48E-04	6.99E-10	2.14E-11	9.73E-04	1.33E-05	5.18E-04	1.00E-08	1.00E-05	3.25E-03	5.56E-02	0.00E+00	7.12E-11	9.47E-11	1.09E-05	2.22E-07	7.36E-03	0.00E+00	5.56E-02	1.47E-10	5.56E-02	6.30E-02	7.36E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-04
MA216Z	1.92E-05	3.26E-03	1.74E-03	7.56E-03	0.00E+00	0.00E+00	1.10E-01	1.03E-07	1.02E-05	5.63E-05	0.00E+00	1.79E-04	8.32E-10	2.51E-11	1.15E-03	1.70E-05	6.18E-04	8.54E-09	1.23E-05	3.67E-03	6.76E-02	0.00E+00	8.80E-11	1.16E-10	1.34E-05	2.92E-07	8.97E-03	0.00E+00	6.76E-02	1.75E-10	6.76E-02	7.66E-02	8.97E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-04
MA220Z	1.87E-05	2.86E-03	1.71E-03	7.43E-03	0.00E+00	0.00E+00	1.09E-01	1.01E-07	1.00E-05	5.50E-05	0.00E+00	1.75E-04	8.18E-10	2.48E-11	1.13E-03	1.65E-05	6.07E-04	8.93E-09	1.20E-05	3.64E-03	6.62E-02	0.00E+00	8.60E-11	1.14E-10	1.31E-05	2.82E-07	8.79E-03	0.00E+00	6.62E-02	1.72E-10	6.62E-02	7.50E-02	8.79E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04
MA225Z	1.72E-05	1.48E-03	1.60E-03	6.95E-03	0.00E+00	0.00E+00	1.02E-01	9.45E-08	9.40E-06	5.03E-05	0.00E+00	1.63E-04	7.65E-10	2.33E-11	1.06E-03	1.48E-05	5.67E-04	1.03E-08	1.11E-05	3.52E-03	6.12E-02	0.00E+00	7.87E-11	1.04E-10	1.21E-05	2.49E-07	8.11E-03	0.00E+00	6.12E-02	1.61E-10	6.12E-02	6.93E-02	8.11E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-04
MA232Z	3.39E-05	1.23E-02	2.91E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.72E-07	1.67E-05	1.00E-04	0.00E+00	3.03E-04	1.38E-09	4.09E-11	1.88E-03	3.18E-05	1.03E-03	3.33E-09	2.14E-05	5.46E-03	1.17E-01	0.00E+00	1.56E-10	2.04E-10	2.36E-05	5.75E-07	1.56E-02	0.00E+00	1.17E-01	2.92E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.04E-04
MA240Z	3.94E-05	1.60E-02	3.33E-03	1.44E-02	0.00E+00	0.00E+00	2.08E-01	1.97E-07	1.91E-05	1.17E-04	0.00E+00	3.49E-04	1.58E-09	4.65E-11	2.15E-03	3.74E-05	1.18E-03	6.48E-10	2.48E-05	6.05E-03	1.35E-01	0.00E+00	1.82E-10	2.36E-10	2.74E-05	6.84E-07	1.80E-02	0.00E+00	1.35E-01	3.34E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MA250Z	1.41E-05	2.30E-03	1.41E-03	6.17E-03	0.00E+00	0.00E+00	9.13E-02	8.35E-08	8.43E-06	4.10E-05	0.00E+00	1.41E-04	6.79E-10	2.12E-11	9.59E-04	1.13E-05	5.01E-04	1.48E-08	9.28E-06	3.47E-03	5.19E-02	0.00E+00	6.45E-11	8.70E-11	1.00E-05	1.73E-07	6.84E-03	0.00E+00	5.19E-02	1.42E-10	5.19E-02	5.87E-02	6.84E-03	0.00E+00	0.00E+00	0.00E+00	3.61E-04
MA263Z	1.84E-05	6.41E-04	1.74E-03	7.59E-03	0.00E+00	0.00E+00	1.11E-01	1.03E-07	1.03E-05	5.39E-05	0.00E+00	1.77E-04	8.35E-10	2.56E-11	1.16E-03	1.57E-05	6.19E-04	1.27E-08	1.19E-05	3.93E-03	6.61E-02	0.00E+00	8.44E-11	1.12E-10	1.30E-05	2.58E-07	8.75E-03	0.00E+00	6.61E-02	1.75E-10	6.61E-02	7.49E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04
MA300Z	3.37E-05	6.40E-03	3.04E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.80E-07	1.78E-05	9.90E-05	0.00E+00	3.12E-04	1.45E-09	4.38E-11	2.00E-03	3.01E-05	1.08E-03	1.38E-08	2.15E-05	6.35E-03	1.19E-01	0.00E+00	1.55E-10	2.04E-10	2.36E-05	5.19E-07	1.57E-02	0.00E+00	1.19E-01	3.06E-10	1.19E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	8.85E-04
MA301Z	5.33E-05	1.98E-02	4.55E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.69E-07	2.62E-05	1.58E-04	0.00E+00	4.75E-04	2.17E-09	6.39E-11	2.94E-03	5.01E-05	1.61E-03	4.23E-09	3.36E-05	8.47E-03	1.83E-01	0.00E+00	2.45E-10	3.19E-10	3.70E-05	9.07E-07	2.44E-02	0.00E+00	1.83E-01	4.57E-10	1.83E-01	2.08E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MA302Z	5.02E-05	1.77E-02	4.32E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.49E-05	1.48E-04	0.00E+00	4.50E-04	2.05E-09	6.08E-11	2.80E-03	4.70E-05	1.53E-03	5.71E-09	3.17E-05	8.14E-03	1.73E-01	0.00E+00	2.31E-10	3.01E-10	3.49E-05	8.47E-07	2.31E-02	0.00E+00	1.73E-01	4.33E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MA303Z	3.70E-05	8.66E-03	3.30E-03	1.43E-02	0.00E+00	0.00E+00	2.08E-01	1.95E-07	1.92E-05	1.09E-04	0.00E+00	3.40E-04	1.57E-09	4.72E-11	2.16E-03	3.34E-05	1.17E-03	1.22E-08	2.36E-05	6.71E-03	1.29E-01	0.00E+00	1.70E-10	2.23E-10	2.58E-05	5.85E-07	1.72E-02	0.00E+00	1.29E-01	3.31E-10	1.29E-01	1.47E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	9.75E-04

MA304Z	3.37E-05	6.40E-03	3.04E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.80E-07	1.78E-05	9.90E-05	0.00E+00	3.12E-04	1.45E-09	4.38E-11	2.00E-03	3.01E-05	1.08E-03	1.38E-08	2.15E-05	6.35E-03	1.19E-01	0.00E+00	1.55E-10	2.04E-10	2.36E-05	5.19E-07	1.57E-02	0.00E+00	1.19E-01	3.06E-10	1.19E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	8.85E-04
MA306Z	2.71E-05	4.18E-03	2.47E-03	1.07E-02	0.00E+00	0.00E+00	1.57E-01	1.46E-07	1.45E-05	7.95E-05	0.00E+00	2.53E-04	1.18E-09	3.58E-11	1.63E-03	2.39E-05	8.77E-04	1.28E-08	1.74E-05	5.26E-03	9.57E-02	0.00E+00	1.24E-10	1.64E-10	1.90E-05	4.09E-07	1.27E-02	0.00E+00	9.57E-02	2.49E-10	9.57E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MA310Z	2.25E-05	8.94E-04	2.12E-03	9.24E-03	0.00E+00	0.00E+00	1.36E-01	1.25E-07	1.25E-05	6.58E-05	0.00E+00	2.15E-04	1.02E-09	3.11E-11	1.42E-03	1.92E-05	7.53E-04	1.53E-08	1.45E-05	4.78E-03	8.06E-02	0.00E+00	1.03E-10	1.37E-10	1.58E-05	3.16E-07	1.07E-02	0.00E+00	8.06E-02	2.14E-10	8.06E-02	9.13E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MA316Z	2.39E-05	1.68E-03	2.23E-03	9.71E-03	0.00E+00	0.00E+00	1.42E-01	1.32E-07	1.31E-05	6.98E-05	0.00E+00	2.27E-04	1.07E-09	3.26E-11	1.49E-03	2.05E-05	7.92E-04	1.49E-08	1.54E-05	4.95E-03	8.52E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.42E-07	1.13E-02	0.00E+00	8.52E-02	2.25E-10	8.52E-02	9.65E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
MA320Z	2.91E-05	5.06E-03	2.64E-03	1.15E-02	0.00E+00	0.00E+00	1.67E-01	1.56E-07	1.54E-05	8.55E-05	0.00E+00	2.71E-04	1.26E-09	3.81E-11	1.74E-03	2.58E-05	9.37E-04	1.28E-08	1.86E-05	5.56E-03	1.03E-01	0.00E+00	1.34E-10	1.76E-10	2.04E-05	4.44E-07	1.36E-02	0.00E+00	1.03E-01	2.66E-10	1.03E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
MA325Z	2.45E-05	1.51E-03	2.30E-03	9.99E-03	0.00E+00	0.00E+00	1.46E-01	1.36E-07	1.35E-05	7.16E-05	0.00E+00	2.33E-04	1.10E-09	3.36E-11	1.53E-03	2.10E-05	8.15E-04	1.57E-08	1.58E-05	5.12E-03	8.75E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.49E-07	1.16E-02	0.00E+00	8.75E-02	2.31E-10	8.75E-02	9.90E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
MA332Z	5.03E-05	1.80E-02	4.31E-03	1.86E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.48E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.06E-11	2.79E-03	4.71E-05	1.53E-03	5.19E-09	3.17E-05	8.10E-03	1.73E-01	0.00E+00	2.31E-10	3.01E-10	3.49E-05	8.50E-07	2.31E-02	0.00E+00	1.73E-01	4.33E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MA340Z	5.03E-05	1.80E-02	4.32E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.49E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.07E-11	2.79E-03	4.71E-05	1.53E-03	5.16E-09	3.18E-05	8.11E-03	1.73E-01	0.00E+00	2.32E-10	3.02E-10	3.50E-05	8.52E-07	2.31E-02	0.00E+00	1.73E-01	4.33E-10	1.73E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MA350Z	2.01E-05	4.09E-03	2.03E-03	8.87E-03	0.00E+00	0.00E+00	1.31E-01	1.20E-07	1.21E-05	5.82E-05	0.00E+00	2.02E-04	9.76E-10	3.05E-11	1.38E-03	1.58E-05	7.21E-04	2.26E-08	1.32E-05	5.06E-03	7.41E-02	0.00E+00	9.16E-11	1.24E-10	1.43E-05	2.39E-07	9.76E-03	0.00E+00	7.41E-02	2.04E-10	7.41E-02	8.38E-02	9.76E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04
MA363Z	2.37E-05	1.65E-03	2.30E-03	1.00E-02	0.00E+00	0.00E+00	1.48E-01	1.36E-07	1.37E-05	6.89E-05	0.00E+00	2.32E-04	1.11E-09	3.42E-11	1.55E-03	1.95E-05	8.18E-04	2.09E-08	1.54E-05	5.45E-03	8.59E-02	0.00E+00	1.08E-10	1.45E-10	1.67E-05	3.10E-07	1.13E-02	0.00E+00	8.59E-02	2.32E-10	8.59E-02	9.72E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.09E-04
MA400Z	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
MA401Z	8.07E-05	3.33E-02	6.80E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.02E-07	3.90E-05	2.39E-04	0.00E+00	7.13E-04	3.23E-09	9.49E-11	4.38E-03	7.67E-05	2.41E-03	2.42E-10	5.07E-05	1.23E-02	2.76E-01	0.00E+00	3.72E-10	4.82E-10	5.60E-05	1.41E-06	3.68E-02	0.00E+00	2.76E-01	6.82E-10	2.76E-01	3.13E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
MA402Z	8.84E-05	3.86E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.46E-05	2.62E-03	3.52E-09	5.55E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
MA403Z	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
MA404Z	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
MA406Z	3.67E-05	5.53E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.96E-05	1.08E-04	0.00E+00	3.43E-04	1.60E-09	4.85E-11	2.22E-03	3.23E-05	1.19E-03	1.76E-08	2.35E-05	7.14E-03	1.30E-01	0.00E+00	1.68E-10	2.22E-10	2.57E-05	5.52E-07	1.72E-02	0.00E+00	1.30E-01	3.37E-10	1.30E-01	1.47E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	9.60E-04
MA416Z	3.48E-05	4.13E-03	3.21E-03	1.40E-02	0.00E+00	0.00E+00	2.04E-01	1.90E-07	1.88E-05	1.02E-04	0.00E+00	3.28E-04	1.54E-09	4.67E-11	2.13E-03	3.04E-05	1.14E-03	1.87E-08	2.24E-05	6.96E-03	1.24E-01	0.00E+00	1.60E-10	2.11E-10	2.44E-05	5.14E-07	1.64E-02	0.00E+00	1.24E-01	3.23E-10	1.24E-01	1.40E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.09E-04
MA420Z	3.65E-05	4.80E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.96E-05	1.07E-04	0.00E+00	3.42E-04	1.60E-09	4.86E-11	2.22E-03	3.20E-05	1.19E-03	1.88E-08	2.34E-05	7.21E-03	1.29E-01	0.00E+00	1.67E-10	2.21E-10	2.56E-05	5.43E-07	1.71E-02	0.00E+00	1.29E-01	3.37E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
MA425Z	3.27E-05	1.81E-03	3.07E-03	1.33E-02	0.00E+00	0.00E+00	1.96E-01	1.81E-07	1.81E-05	9.55E-05	0.00E+00	3.11E-04	1.47E-09	4.49E-11	2.05E-03	2.80E-05	1.09E-03	2.13E-08	2.11E-05	6.86E-03	1.17E-01	0.00E+00	1.50E-10	1.99E-10	2.30E-05	4.64E-07	1.55E-02	0.00E+00	1.17E-01	3.09E-10	1.17E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	8.48E-04
MA432Z	7.88E-05	3.19E-02	6.66E-03	2.87E-02	0.00E+00	0.00E+00	4.15E-01	3.93E-07	3.82E-05	2.33E-04	0.00E+00	6.98E-04	3.17E-09	9.30E-11	4.29E-03	7.48E-05	2.36E-03	1.42E-09	4.96E-05	1.21E-02	2.70E-01	0.00E+00	3.63E-10	4.71E-10	5.47E-05	1.37E-06	3.60E-02	0.00E+00	2.70E-01	6.68E-10	2.70E-01	3.06E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MA440Z	7.88E-05	3.19E-02	6.66E-03	2.87E-02	0.00E+00	0.00E+00	4.15E-01	3.93E-07	3.82E-05	2.33E-04	0.00E+00	6.98E-04	3.17E-09	9.30E-11	4.29E-03	7.48E-05	2.36E-03	1.42E-09	4.96E-05	1.21E-02	2.70E-01	0.00E+00	3.63E-10	4.71E-10	5.47E-05	1.37E-06	3.60E-02	0.00E+00	2.70E-01	6.68E-10	2.70E-01	3.06E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MA450Z	3.73E-05	1.63E-03	3.52E-03	1.53E-02	0.00E+00	0.00E+00	2.25E-01	2.08E-07	2.07E-05	1.09E-04	0.00E+00	3.57E-04	1.69E-09	5.16E-11	2.35E-03	3.19E-05	1.25E-03	2.52E-08	2.41E-05	7.91E-03	1.34E-01	0.00E+00	1.71E-10	2.27E-10	2.62E-05	5.26E-07	1.77E-02	0.00E+00	1.34E-01	3.54E-10	1.34E-01	1.51E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	9.69E-04
MA463Z	4.91E-05	9.65E-03	4.42E-03	1.92E-02	0.00E+00	0.00E+00	2.80E-01	2.61E-07	2.58E-05	1.44E-04	0.00E+00	4.54E-04	2.11E-09	6.36E-11	2.91E-03	4.39E-05	1.57E-03	1.95E-08	3.14E-05	9.19E-03	1.73E-01	0.00E+00	2.25E-10	2.97E-10	3.43E-05	7.59E-07	2.29E-02	0.00E+00	1.73E-01	4.45E-10	1.73E-01	1.95E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MB106A	4.55E-05	2.68E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.22E-01	2.14E-07	2.04E-05	1.36E-04	0.00E+00	3.87E-04	1.72E-09	4.91E-11	2.28E-03	4.54E-05	1.28E-03	1.43E-08	2.83E-05	5.65E-03	1.53E-01	0.00E+00	2.11E-10	2.70E-10	3.14E-05	8.65E-07	2.04E-02	0.00E+00	1.53E-01	3.63E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
MB110A	1.07E-05	2.99E-03	9.36E-04	4.05E-03	0.00E+00	0.00E+00	5.89E-02	5.53E-08	5.42E-06	3.14E-05	0.00E+00	9.69E-05	4.46E-10	1.33E-11	6.11E-04	9.76E-06	3.32E-04	2.59E-09	6.77E-06	1.85E-03	3.71E-02	0.00E+00	4.90E-11	6.41E-11	7.43E-06	1.73E-07	4.93E-03	0.00E+00	3.71E-02	9.40E-11	3.71E-02	4.20E-02	4.93E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MB113A	3.63E-05	2.03E-02	2.92E-03	1.26E-02	0.00E+00	0.00E+00	1.80E-01	1.72E-07	1.65E-05	1.08E-04	0.00E+00	3.11E-04	1.38E-09	3.98E-11	1.85E-03	3.59E-05	1.03E-03	9.43E-09	2.26E-05	4.69E-03	1.22E-01	0.00E+00	1.68E-10	2.16E-10	2.51E-05	6.80E-07	1.63E-02	0.00E+00	1.22E-01	2.93E-10	1.22E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.83E-04
MB116A	9.32E-06	2.02E-03	8.35E-04	3.62E-03	0.00E+00	0.00E+00	5.27E-02	4.93E-08	4.86E-06	2.74E-05	0.00E+00	8.59E-05	3.98E-10	1.20E-11	5.48E-04	8.38E-06	2.96E-04	3.34E-09	5.94E-06	1.71E-03	3.27E-02	0.00E+00	4.28E-11	5.63E-11	6.51E-06	1.46E-07	4.34E-03	0.00E+00	3.27E-02	8.39E-11	3.27E-02	3.70E-02	4.34E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MB120A	8.08E-06	1.13E-03	7.40E-04	3.21E-03	0.00E+00	0.00E+00	4.70E-02	4.37E-08	4.33E-06	2.37E-05	0.00E+00	7.57E-05	3.54E-10	1.07E-11	4.90E-04	7.10E-06	2.63E-04	4.03E-09	5.18E-06	1.59E-03	2.86E-02	0.00E+00	3.70E-11	4.90E-11	5.66E-06	1.21E-07	3.79E-03	0.00E+00	2.86E-02	7.44E-11	2.86E-02	3.24E-02	3.79E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MB125A	1.24E-05	3.41E-03	1.09E-03	4.74E-03	0.00E+00	0.00E+00	6.88E-02	6.46E-08	6.34E-06	3.66E-05	0.00E+00	1.13E-04	5.21E-10	1.56E-11	7.14E-04	1.14E-05	3.88E-04	3.17E-09	7.89E-06	2.17E-03	4.33E-02	0.00E+00	5.71E-11	7.48E-11	8.66E-06	2.01E-07	5.75E-03	0.00E+00	4.33E-02	1.10E-10	4.33E-02	4.90E-02	5.75E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
MB132A	2.80E-05	1.38E-02	2.30E-03	9.92E-03	0.00E+00	0.00E+00	1.42E-01	1.36E-07	1.31E-05	8.32E-05	0.00E+00	2.43E-04	1.09E-09	3.17E-11	1.47E-03	2.72E-05	8.15E-04	3.89E-09	1.75E-05	3.91E-03	9.50E-02	0.00E+00	1.29E-10	1.67E-10	1.94E-05	5.08E-07	1.27E-02	0.00E+00	9.50E-02	2.31E-10	9.50E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-04
MB140A	3.19E-05	1.64E-02	2.60E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.54E-07	1.48E-05	9.49E-05	0.00E+00	2.76E-04	1.23E-09	3.57E-11	1.66E-03	3.12E-05	9.21E-04	5.80E-09	1.99E-05	4.34E-03	1.08E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.85E-07	1.44E-02	0.00E+00	1.08E-01	2.61E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.61E-04
MB150A	3.39E-05	1.48E-02	2.78E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.64E-07	1.59E-05	9.88E-05	0.00E+00	2.92E-04	1.32E-09	3.86E-11	1.78E-03	3.19E-05	9.86E-04	0.00E+00	2.08E-05	4.91E-03	1.14E-01	0.00E+00	1.54E-10	1.99E-10	2.31E-05	5.89E-07	1.52E-02	0.00E+00	1.14E-01	2.79E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
MB163A	3.73E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.24E-11	1.96E-03	3.51E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.18E-10	2.54E-05	6.47E-07	1.67E-02	0.00E+00	1.25E-01	3.06E-10	1.25E-01	1.41E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
MB197	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MB199	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MB206A	9.97E-05	5.95E-02	7.92E-03	3.40E-02	0.00E+00	0.00E+00	4.85E-01	4.67E-07	4.46E-05	2.97E-04	0.00E+00	8.46E-04	3.75E-09	1.07E-10	4.98E-03	9.97E-05	2.80E-03	3.30E-08	6.18E-05	1.22E-02	3.34E-01	0.00E+00	4.61E-10	5.91E-10	6.88E-05	1.90E-06	4.47E-02	0.00E+00	3.34E-01	7.93E-10	3.34E-01	3.78E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MB210A	9.64E-05	5.73E-02	7.66E-03	3.29E-02	0.00E+00	0.00E+00	4.70E-01	4.52E-07	4.32E-05	2.88E-04	0.00E+00	8.18E-04	3.63E-09	1.04E-10	4.82E-03	9.63E-05	2.71E-03	3.14E-08	5.98E-05	1.19E-02	3.23E-01	0.00E+00	4.46E-10	5.71E-10	6.65E-05	1.84E-06	4.32E-02	0.00E+00	3.23E-01	7.67E-10	3.23E-01	3.66E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MB213A	8.49E-05	4.90E-02	6.79E-03	2.92E-02	0.00E+00	0.00E+00	4.17E-01	4.01E-07	3.83E-05	2.53E-04	0.00E+00	7.24E-04	3.21E-09	9.22E-11	4.28E-03	8.45E-05	2.40E-03	2.49E-08	5.28E-05	1.07E-02	2.85E-01	0.00E+00	3.93E-10	5.04E-10	5.86E-05	1.60E-06	3.81E-02	0.00E+00	2.85E-01	6.80E-10	2.85E-01	3.23E-01	3.81E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
MB216A	9.02E-05	5.40E-02	7.16E-03	3.07E-02	0.00E+00	0.00E+00	4.39E-01	4.22E-07	4.03E-05	2.69E-04	0.00E+00	7.65E-04	3.39E-09	9.68E-11	4.51E-03	9.02E-05	2.53E-03	3.00E-08	5.60E-05	1.11E-02	3.02E-01	0.00E+00	4.17E-10	5.35E-10	6.22E-05	1.72E-06	4.04E-02	0.00E+00	3.02E-01	7.17E-10	3.02E-01	3.42E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
MB220A	5.75E-05	2.97E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.89E-01	2.77E-07	2.66E-05	1.71E-04	0.00E+00	4.97E-04	2.22E-09	6.43E-11	2.98E-03	5.63E-05	1.66E-03	1.07E-08	3.59E-05	7.80E-03	1.94E-01	0.00E+00	2.66E-10	3.42E-10	3.98E-05	1.06E-06	2.60E-02	0.00E+00	1.94E-01	4.70E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
MB225A	1.74E-05	1.63E-03	1.62E-03	7.04E-03	0.00E+00	0.00E+00	1.03E-01	9.57E-08	9.51E-06	5.11E-05	0.00E+00	1.65E-04	7.75E-10	2.36E-11	1.08E-03	1.51E-05	5.75E-04	1.02E-08	1.12E-05	3.55E-03	6.20E-02	0.00E+00	7.99E-11	1.06E-10	1.22E-05	2.53E-07	8.22E-03	0.00E+00	6.20E-02	1.63E-10	6.20E-02	7.03E-02	8.22E-03	0.00E+00	0.00E+00	0.00E+00	4.54E-04
MB232A	7.07E-05	3.77E-02	5.73E-03	2.46E-02	0.00E+00	0.00E+00	3.53E-01	3.38E-07	3.25E-05	2.10E-04	0.00E+00	6.08E-04	2.72E-09	7.84E-11	3.63E-03	6.94E-05	2.03E-03	1.52E-08	4.40E-05	9.40E-03	2.38E-01	0.00E+00	3.26E-10	4.20E-10	4.88E-05	1.31E-06	3.19E-02	0.00E+00	2.38E-01	5.74E-10	2.38E-01	2.70E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MB240A	5.94E-05	3.00E-02	4.87E-03	2.09E-02	0.00E+00	0.00E+00	3.01E-01	2.87E-07	2.77E-05	1.77E-04	0.00E+00	5.15E-04	2.31E-09	6.69E-11	3.10E-03	5.80E-05	1.72E-03	9.71E-09	3.71E-05	8.18E-03	2.01E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.08E-06	2.69E-02	0.00E+00	2.01E-01	4.88E-10	2.01E-01	2.28E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MB250A	7.18E-05	3.78E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.60E-01	3.44E-07	3.31E-05	2.14E-04	0.00E+00	6.19E-04	2.77E-09	7.99E-11	3.70E-03	7.04E-05	2.06E-03	1.46E-08	4.47E-05	9.62E-03	2.42E-01	0.00E+00	3.31E-10	4.27E-10	4.96E-05	1.32E-06	3.24E-02	0.00E+00	2.42E-01	5.85E-10	2.42E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MB263A	7.37E-05	3.91E-02	5.98E-03	2.57E-02	0.00E+00	0.00E+00	3.69E-01	3.53E-07	3.39E-05	2.19E-04	0.00E+00	6.35E-04	2.84E-09	8.19E-11	3.80E-03	7.24E-05	2.12E-03	1.55E-08	4.59E-05	9.84E-03	2.49E-01	0.00E+00	3.40E-10	4.38E-10	5.10E-05	1.36E-06	3.33E-02	0.00E+00	2.49E-01	6.00E-10	2.49E-01	2.82E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MB306A	1.37E-04	8.08E-02	1.09E-02	4.69E-02	0.00E+00	0.00E+00	6.70E-01	6.44E-07	6.16E-05	4.09E-04	0.00E+00	1.17E-03	5.17E-09	1.48E-10	6.88E-03	1.37E-04	3.86E-03	4.35E-08	8.51E-05	1.70E-02	4.60E-01	0.00E+00	6.34E-10	8.13E-10	9.47E-05	2.61E-06	6.15E-02	0.00E+00	4.60E-01	1.09E-09	4.60E-01	5.21E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-03
MB310A	1.40E-04	8.25E-02	1.11E-02	4.77E-02	0.00E+00	0.00E+00	6.81E-01	6.55E-07	6.26E-05	4.16E-04	0.00E+00	1.19E-03	5.26E-09	1.50E-10	6.99E-03	1.39E-04	3.93E-03	4.47E-08	8.66E-05	1.73E-02	4.68E-01	0.00E+00	6.46E-10	8.27E-10	9.63E-05	2.65E-06	6.26E-02	0.00E+00	4.68E-01	1.11E-09	4.68E-01	5.30E-01	6.26E-02	0.00E+00	0.00E+00	0.00E+00	3.79E-03
MB313A	1.33E-04	7.72E-02	1.06E-02	4.55E-02	0.00E+00	0.00E+00	6.51E-01	6.25E-07	5.98E-05	3.96E-04	0.00E+00	1.13E-03	5.02E-09	1.44E-10	6.69E-03	1.32E-04	3.75E-03	4.01E-08	8.25E-05	1.66E-02	4.45E-01	0.00E+00	6.14E-10	7.88E-10	9.17E-05	2.51E-06	5.96E-02	0.00E+00	4.45E-01	1.06E-09	4.45E-01	5.05E-01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
MB316A	2.79E-05	6.26E-03	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.58E-01	1.48E-07	1.45E-05	8.22E-05	0.00E+00	2.57E-04	1.19E-09	3.58E-11	1.64E-03	2.52E-05	8.86E-04	9.70E-09	1.78E-05	5.11E-03	9.79E-02	0.00E+00	1.28E-10	1.69E-10	1.95E-05	4.39E-07	1.30E-02	0.00E+00	9.79E-02	2.51E-10	9.79E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
MB320A	7.48E-05	3.68E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.80E-01	3.63E-07	3.50E-05	2.22E-04	0.00E+00	6.49E-04	2.92E-09	8.46E-11	3.92E-03	7.27E-05	2.17E-03	1.06E-08	4.67E-05	1.04E-02	2.54E-01	0.00E+00	3.45E-10	4.45E-10	5.18E-05	1.36E-06	3.39E-02	0.00E+00	2.54E-01	6.16E-10	2.54E-01	2.87E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MB325A	2.50E-05	1.76E-03	2.33E-03	1.02E-02	0.00E+00	0.00E+00	1.49E-01	1.38E-07	1.37E-05	7.30E-05	0.00E+00	2.37E-04	1.12E-09	3.41E-11	1.55E-03	2.15E-05	8.28E-04	1.56E-08	1.61E-05	5.18E-03	8.90E-02	0.00E+00	1.14E-10	1.52E-10	1.75E-05	3.58E-07	1.18E-02	0.00E+00	8.90E-02	2.35E-10	8.90E-02	1.01E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-04
MB332A	1.20E-04	6.66E-02	9.71E-03	4.17E-02	0.00E+00	0.00E+00	5.97E-01	5.73E-07	5.49E-05	3.59E-04	0.00E+00	1.03E-03	4.60E-09	1.32E-10	6.14E-03	1.19E-04	3.43E-03	3.01E-08	7.50E-05	1.57E-02	4.06E-01	0.00E+00	5.57E-10	7.15E-10	8.32E-05	2.25E-06	5.42E-02	0.00E+00	4.06E-01	9.73E-10	4.06E-01	4.60E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
MB340A	8.72E-05	4.36E-02	7.14E-03	3.07E-02	0.00E+00	0.00E+00	4.42E-01	4.22E-07	4.06E-05	2.59E-04	0.00E+00	7.55E-04	3.39E-09	9.83E-11	4.55E-03	8.49E-05	2.53E-03	1.36E-08	5.44E-05	1.21E-02	2.95E-01	0.00E+00	4.02E-10	5.19E-10	6.03E-05	1.59E-06	3.94E-02	0.00E+00	2.95E-01	7.16E-10	2.95E-01	3.35E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
MB350A	1.00E-04	5.17E-02	8.18E-03	3.52E-02	0.00E+00	0.00E+00	5.05E-01	4.83E-07	4.64E-05	2.98E-04	0.00E+00	8.66E-04	3.88E-09	1.12E-10	5.20E-03	9.81E-05	2.89E-03	1.83E-08	6.26E-05	1.36E-02	3.39E-01	0.00E+00	4.63E-10	5.97E-10	6.94E-05	1.84E-06	4.53E-02	0.00E+00	3.39E-01	8.20E-10	3.39E-01	3.84E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-03
MB363A	1.17E-04	6.30E-02	9.45E-03	4.06E-02	0.00E+00	0.00E+00	5.82E-01	5.58E-07	5.36E-05	3.48E-04	0.00E+00	1.00E-03	4.48E-09	1.29E-10	5.99E-03	1.15E-04	3.34E-03	2.64E-08	7.27E-05	1.54E-02	3.94E-01	0.00E+00	5.40E-10	6.94E-10	8.07E-05	2.17E-06	5.26E-02	0.00E+00	3.94E-01	9.47E-10	3.94E-01	4.46E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	3.16E-03
MB406A	3.95E-05	7.54E-03	3.57E-03	1.55E-02	0.00E+00	0.00E+00	2.26E-01	2.11E-07	2.08E-05	1.16E-04	0.00E+00	3.66E-04	1.70E-09	5.13E-11	2.35E-03	3.52E-05	1.26E-03	1.61E-08	2.52E-05	7.43E-03	1.39E-01	0.00E+00	1.81E-10	2.39E-10	2.76E-05	6.09E-07	1.84E-02	0.00E+00	1.39E-01	3.58E-10	1.39E-01	1.57E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
MB410A	3.59E-05	4.96E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.09E-01	1.94E-07	1.93E-05	1.05E-04	0.00E+00	3.36E-04	1.57E-09	4.76E-11	2.18E-03	3.15E-05	1.17E-03	1.80E-08	2.30E-05	7.05E-03	1.27E-01	0.00E+00	1.64E-10	2.17E-10	2.51E-05	5.36E-07	1.68E-02	0.00E+00	1.27E-01	3.31E-10	1.27E-01	1.44E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-04
MB413A	1.65E-04	9.47E-02	1.32E-02	5.67E-02	0.00E+00	0.00E+00	8.11E-01	7.79E-07	7.45E-05	4.92E-04	0.00E+00	1.41E-03	6.25E-09	1.79E-10	8.33E-03	1.64E-04	4.67E-03	4.76E-08	1.03E-04	2.09E-02	5.54E-01	0.00E+00	7.63E-10	9.79E-10	1.14E-04	3.11E-06	7.41E-02	0.00E+00	5.54E-01	1.32E-09	5.54E-01	6.28E-01	7.41E-02	0.00E+00	0.00E+00	0.00E+00	4.47E-03
MB416A	1.27E-03	8.71E-01	9.82E-02	4.20E-01	0.00E+00	0.00E+00	5.97E+00	5.79E-06	5.48E-04	3.81E-03	0.00E+00	1.06E-02	4.64E-08	1.31E-09	6.11E-02	1.30E-03	3.47E-02	6.22E-07	7.85E-04	1.39E-01	4.22E+00	0.00E+00	5.90E-09	7.52E-09	8.77E-04	2.53E-05	5.66E-01	0.00E+00	4.22E+00	9.83E-09	4.22E+00	4.79E+00	5.66E-01	0.00E+00	0.00E+00	0.00E+00	3.48E-02
MB420A	1.01E-04	4.97E-02	8.28E-03	3.56E-02	0.00E+00	0.00E+00	5.12E-01	4.88E-07	4.71E-05	2.99E-04	0.00E+00	8.75E-04	3.93E-09	1.14E-10	5.28E-03	9.79E-05	2.93E-03	1.43E-08	6.30E-05	1.40E-02	3.42E-01	0.00E+00	4.65E-10	6.00E-10	6.97E-05	1.83E-06	4.56E-02	0.00E+00	3.42E-01	8.30E-10	3.42E-01	3.87E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MB425A	3.63E-05	4.24E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.96E-05	1.06E-04	0.00E+00	3.42E-04	1.60E-09	4.87E-11	2.22E-03	3.17E-05	1.19E-03	1.97E-08	2.33E-05	7.27E-03	1.29E-01	0.00E+00	1.66E-10	2.20E-10	2.55E-05	5.36E-07	1.71E-02	0.00E+00	1.29E-01	3.37E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.48E-04
MB432A	1.42E-04	7.56E-02	1.15E-02	4.94E-02	0.00E+00	0.00E+00	7.08E-01	6.78E-07	6.51E-05	4.22E-04	0.00E+00	1.22E-03	5.44E-09	1.57E-10	7.29E-03	1.39E-04	4.06E-03	3.06E-08	8.83E-05	1.88E-02	4.78E-01	0.00E+00	6.54E-10	8.42E-10	9.79E-05	2.62E-06	6.39E-02	0.00E+00	4.78E-01	1.15E-09	4.78E-01	5.42E-01	6.39E-02	0.00E+00	0.00E+00	0.00E+00	3.83E-03
MB440A	1.19E-04	5.98E-02	9.73E-03	4.19E-02	0.00E+00	0.00E+00	6.01E-01	5.74E-07	5.53E-05	3.53E-04	0.00E+00	1.03E-03	4.61E-09	1.34E-10	6.19E-03	1.16E-04	3.44E-03	1.91E-08	7.42E-05	1.64E-02	4.02E-01	0.00E+00	5.48E-10	7.07E-10	8.22E-05	2.16E-06	5.37E-02	0.00E+00	4.02E-01	9.75E-10	4.02E-01	4.56E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
MB450A	1.31E-04	6.69E-02	1.07E-02	4.60E-02	0.00E+00	0.00E+00	6.60E-01	6.31E-07	6.07E-05	3.89E-04	0.00E+00	1.13E-03	5.07E-09	1.47E-10	6.80E-03	1.28E-04	3.78E-03	2.29E-08	8.17E-05	1.79E-02	4.43E-01	0.00E+00	6.04E-10	7.79E-10	9.06E-05	2.40E-06	5.92E-02	0.00E+00	4.43E-01	1.07E-09	4.43E-01	5.02E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
MB463A	1.57E-04	8.50E-02	1.27E-02	5.47E-02	0.00E+00	0.00E+00	7.84E-01	7.51E-07	7.21E-05	4.68E-04	0.00E+00	1.35E-03	6.03E-09	1.74E-10	8.07E-03	1.55E-04	4.50E-03	3.58E-08	9.80E-05	2.08E-02	5.30E-01	0.00E+00	7.27E-10	9.35E-10	1.09E-04	2.92E-06	7.09E-02	0.00E+00	5.30E-01	1.28E-09	5.30E-01	6.01E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-03
MB506A	9.04E-05	5.31E-02	7.20E-03	3.09E-02	0.00E+00	0.00E+00	4.41E-01	4.25E-07	4.06E-05	2.69E-04	0.00E+00	7.68E-04	3.41E-09	9.75E-11	4.53E-03	9.01E-05	2.55E-03	2.84E-08	5.61E-05	1.12E-02	3.03E-01	0.00E+00	4.18E-10	5.36E-10	6.24E-05	1.72E-06	4.05E-02	0.00E+00	3.03E-01	7.21E-10	3.03E-01	3.43E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
MB510A	9.04E-05	5.31E-02	7.20E-03	3.09E-02	0.00E+00	0.00E+00	4.41E-01	4.25E-07	4.06E-05	2.69E-04	0.00E+00	7.68E-04	3.41E-09	9.75E-11	4.53E-03	9.01E-05	2.55E-03	2.84E-08	5.61E-05	1.12E-02	3.03E-01	0.00E+00	4.18E-10	5.36E-10	6.24E-05	1.72E-06	4.05E-02	0.00E+00	3.03E-01	7.21E-10	3.03E-01	3.43E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
MB513A	6.82E-05	3.75E-02	5.50E-03	2.36E-02	0.00E+00	0.00E+00	3.38E-01	3.24E-07	3.11E-05	2.03E-04	0.00E+00	5.84E-04	2.60E-09	7.50E-11	3.48E-03	6.73E-05	1.94E-03	1.67E-08	4.24E-05	8.88E-03	2.29E-01	0.00E+00	3.15E-10	4.05E-10	4.71E-05	1.27E-06	3.07E-02	0.00E+00	2.29E-01	5.51E-10	2.29E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MB516A	2.22E-05	5.26E-03	1.97E-03	8.55E-03	0.00E+00	0.00E+00	1.24E-01	1.17E-07	1.15E-05	6.53E-05	0.00E+00	2.03E-04	9.42E-10	2.82E-11	1.29E-03	2.01E-05	7.00E-04	7.15E-09	1.41E-05	4.00E-03	7.75E-02	0.00E+00	1.02E-10	1.34E-10	1.55E-05	3.51E-07	1.03E-02	0.00E+00	7.75E-02	1.98E-10	7.75E-02	8.78E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MB520A	2.30E-05	6.16E-03	2.03E-03	8.79E-03	0.00E+00	0.00E+00	1.28E-01	1.20E-07	1.18E-05	6.78E-05	0.00E+00	2.10E-04	9.68E-10	2.89E-11	1.33E-03	2.10E-05	7.19E-04	6.15E-09	1.46E-05	4.04E-03	8.02E-02	0.00E+00	1.06E-10	1.39E-10	1.61E-05	3.71E-07	1.07E-02	0.00E+00	8.02E-02	2.04E-10	8.02E-02	9.09E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-04
MB525A	2.24E-05	5.01E-03	2.00E-03	8.66E-03	0.00E+00	0.00E+00	1.26E-01	1.18E-07	1.16E-05	6.58E-05	0.00E+00	2.06E-04	9.54E-10	2.86E-11	1.31E-03	2.01E-05	7.09E-04	7.75E-09	1.43E-05	4.09E-03	7.83E-02	0.00E+00	1.03E-10	1.35E-10	1.56E-05	3.51E-07	1.04E-02	0.00E+00	7.83E-02	2.01E-10	7.83E-02	8.88E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-04
MB532A	1.59E-05	2.54E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.65E-05	0.00E+00	1.53E-04	7.25E-10	2.22E-11	1.01E-03	1.35E-05	5.37E-04	1.15E-08	1.03E-05	3.44E-03	5.72E-02	0.00E+00	7.28E-11	9.71E-11	1.12E-05	2.20E-07	7.57E-03	0.00E+00	5.72E-02	1.52E-10	5.72E-02	6.47E-02	7.57E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
MB540A	1.70E-04	1.07E-01	1.34E-02	5.73E-02	0.00E+00	0.00E+00	8.16E-01	7.88E-07	7.50E-05	5.08E-04	0.00E+00	1.43E-03	6.31E-09	1.80E-10	8.37E-03	1.72E-04	4.72E-03	6.63E-08	1.05E-04	2.00E-02	5.67E-01	0.00E+00	7.87E-10	1.01E-09	1.17E-04	3.29E-06	7.59E-02	0.00E+00	5.67E-01	1.34E-09	5.67E-01	6.43E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	4.63E-03
MB563A	6.22E-05	3.12E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.15E-01	3.01E-07	2.89E-05	1.85E-04	0.00E+00	5.39E-04	2.42E-09	7.00E-11	3.24E-03	6.06E-05	1.80E-03	9.86E-09	3.88E-05	8.58E-03	2.11E-01	0.00E+00	2.87E-10	3.70E-10	4.30E-05	1.13E-06	2.81E-02	0.00E+00	2.11E-01	5.10E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MBA106	8.17E-06	4.59E-04	7.68E-04	3.34E-03	0.00E+00	0.00E+00	4.90E-02	4.54E-08	4.52E-06	2.39E-05	0.00E+00	7.79E-05	3.68E-10	1.12E-11	5.12E-04	7.00E-06	2.72E-04	5.33E-09	5.28E-06	1.72E-03	2.92E-02	0.00E+00	3.74E-11	4.98E-11	5.74E-06	1.16E-07	3.87E-03	0.00E+00	2.92E-02	7.72E-11	2.92E-02	3.31E-02	3.87E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MBA110	2.76E-05	1.40E-02	2.26E-03	9.73E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.28E-05	8.22E-05	0.00E+00	2.39E-04	1.07E-09	3.10E-11	1.44E-03	2.70E-05	8.00E-04	4.68E-09	1.73E-05	3.79E-03	9.35E-02	0.00E+00	1.28E-10	1.64E-10	1.91E-05	5.05E-07	1.25E-02	0.00E+00	9.35E-02	2.27E-10	9.35E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.45E-04
MBA113	1.53E-06	3.90E-03	2.51E-04	1.13E-03	0.00E+00	0.00E+00	1.75E-02	1.49E-08	1.63E-06	4.05E-06	0.00E+00	2.24E-05	1.23E-10	4.32E-12	1.89E-04	2.56E-07	8.97E-05	8.24E-09	1.18E-06	9.63E-04	7.15E-03	0.00E+00	6.68E-12	1.05E-11	1.17E-06	1.41E-08	9.13E-04	0.00E+00	7.15E-03	2.55E-11	7.15E-03	8.06E-03	9.13E-04	0.00E+00	0.00E+00	0.00E+00	3.12E-05
MBA116	2.10E-05	9.41E-03	1.75E-03	7.55E-03	0.00E+00	0.00E+00	1.09E-01	1.03E-07	1.00E-05	6.23E-05	0.00E+00	1.84E-04	8.32E-10	2.43E-11	1.12E-03	2.02E-05	6.20E-04	1.27E-09	1.32E-05	3.08E-03	7.16E-02	0.00E+00	9.68E-11	1.25E-10	1.46E-05	3.72E-07	9.55E-03	0.00E+00	7.16E-02	1.76E-10	7.16E-02	8.11E-02	9.55E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
MBA120	2.29E-05	1.06E-02	1.91E-03	8.21E-03	0.00E+00	0.00E+00	1.18E-01	1.13E-07	1.09E-05	6.81E-05	0.00E+00	2.01E-04	9.05E-10	2.64E-11	1.22E-03	2.21E-05	6.75E-04	1.88E-09	1.44E-05	3.32E-03	7.81E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.09E-07	1.04E-02	0.00E+00	7.81E-02	1.91E-10	7.81E-02	8.86E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MBA125	1.47E-06	4.13E-03	2.51E-04	1.13E-03	0.00E+00	0.00E+00	1.76E-02	1.49E-08	1.63E-06	3.83E-06	0.00E+00	2.22E-05	1.24E-10	4.36E-12	1.90E-04	1.40E-07	8.97E-05	8.60E-09	1.14E-06	9.86E-04	7.01E-03	0.00E+00	6.35E-12	1.02E-11	1.13E-06	1.70E-08	8.92E-04	0.00E+00	7.01E-03	2.55E-11	7.01E-03	7.90E-03	8.92E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05
MBA132	7.89E-06	1.49E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.86E-02	4.48E-08	4.48E-06	2.30E-05	0.00E+00	7.64E-05	3.63E-10	1.12E-11	5.08E-04	6.60E-06	2.69E-04	6.22E-09	5.12E-06	1.75E-03	2.85E-02	0.00E+00	3.61E-11	4.82E-11	5.56E-06	1.07E-07	3.76E-03	0.00E+00	2.85E-02	7.62E-11	2.85E-02	3.22E-02	3.76E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MBA150	2.94E-05	1.48E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.75E-05	0.00E+00	2.55E-04	1.14E-09	3.32E-11	1.54E-03	2.87E-05	8.54E-04	4.63E-09	1.84E-05	4.07E-03	9.97E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.36E-07	1.33E-02	0.00E+00	9.97E-02	2.42E-10	9.97E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
MBA163	1.13E-05	2.36E-03	1.01E-03	4.40E-03	0.00E+00	0.00E+00	6.41E-02	5.99E-08	5.91E-06	3.32E-05	0.00E+00	1.04E-04	4.84E-10	1.46E-11	6.67E-04	1.01E-05	3.60E-04	4.22E-09	7.21E-06	2.09E-03	3.97E-02	0.00E+00	5.19E-11	6.82E-11	7.90E-06	1.76E-07	5.27E-03	0.00E+00	3.97E-02	1.02E-10	3.97E-02	4.49E-02	5.27E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MBA206	2.21E-05	4.92E-03	1.97E-03	8.55E-03	0.00E+00	0.00E+00	1.25E-01	1.17E-07	1.15E-05	6.49E-05	0.00E+00	2.03E-04	9.42E-10	2.83E-11	1.30E-03	1.99E-05	7.00E-04	7.70E-09	1.41E-05	4.04E-03	7.73E-02	0.00E+00	1.01E-10	1.33E-10	1.54E-05	3.47E-07	1.03E-02	0.00E+00	7.73E-02	1.98E-10	7.73E-02	8.76E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	5.81E-04
MBA210	5.03E-05	2.48E-02	4.14E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.36E-05	1.50E-04	0.00E+00	4.37E-04	1.96E-09	5.70E-11	2.64E-03	4.89E-05	1.46E-03	7.03E-09	3.15E-05	7.03E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	9.12E-07	2.28E-02	0.00E+00	1.71E-01	4.15E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03

MBA216	5.36E-05	2.68E-02	4.39E-03	1.89E-02	0.00E+00	0.00E+00	2.72E-01	2.59E-07	2.50E-05	1.59E-04	0.00E+00	4.65E-04	2.08E-09	6.04E-11	2.80E-03	5.22E-05	1.55E-03	8.27E-09	3.35E-05	7.41E-03	1.82E-01	0.00E+00	2.47E-10	3.19E-10	3.71E-05	9.75E-07	2.42E-02	0.00E+00	1.82E-01	4.40E-10	1.82E-01	2.06E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MBA220	4.08E-05	1.76E-02	3.42E-03	1.47E-02	0.00E+00	0.00E+00	2.12E-01	2.02E-07	1.95E-05	1.21E-04	0.00E+00	3.59E-04	1.62E-09	4.75E-11	2.19E-03	3.90E-05	1.21E-03	1.34E-09	2.56E-05	6.08E-03	1.39E-01	0.00E+00	1.88E-10	2.43E-10	2.83E-05	7.17E-07	1.86E-02	0.00E+00	1.39E-01	3.42E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MBA225	4.03E-05	1.74E-02	3.38E-03	1.46E-02	0.00E+00	0.00E+00	2.10E-01	2.00E-07	1.93E-05	1.20E-04	0.00E+00	3.55E-04	1.61E-09	4.70E-11	2.17E-03	3.85E-05	1.20E-03	1.13E-09	2.53E-05	6.03E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.08E-07	1.84E-02	0.00E+00	1.38E-01	3.39E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MBA232	9.66E-05	5.61E-02	7.71E-03	3.31E-02	0.00E+00	0.00E+00	4.73E-01	4.55E-07	4.35E-05	2.88E-04	0.00E+00	8.23E-04	3.65E-09	1.05E-10	4.86E-03	9.62E-05	2.73E-03	2.90E-08	6.00E-05	1.21E-02	3.24E-01	0.00E+00	4.47E-10	5.73E-10	6.67E-05	1.83E-06	4.34E-02	0.00E+00	3.24E-01	7.73E-10	3.24E-01	3.67E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MBA240	6.48E-06	6.70E-03	7.99E-04	3.54E-03	0.00E+00	0.00E+00	5.36E-02	4.73E-08	4.97E-06	1.82E-05	0.00E+00	7.56E-05	3.88E-10	1.28E-11	5.72E-04	3.68E-06	2.85E-04	1.71E-08	4.52E-06	2.50E-03	2.61E-02	0.00E+00	2.91E-11	4.16E-11	4.72E-06	2.85E-08	3.40E-03	0.00E+00	2.61E-02	8.09E-11	2.61E-02	2.96E-02	3.40E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MBA250	1.02E-05	4.36E-03	1.09E-03	4.78E-03	0.00E+00	0.00E+00	7.14E-02	6.44E-08	6.60E-06	2.93E-05	0.00E+00	1.07E-04	5.25E-10	1.67E-11	7.53E-04	7.42E-06	3.87E-04	1.56E-08	6.80E-06	2.93E-03	3.85E-02	0.00E+00	4.62E-11	6.35E-11	7.27E-06	1.00E-07	5.05E-03	0.00E+00	3.85E-02	1.10E-10	3.85E-02	4.35E-02	5.05E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MBA263	1.83E-05	1.16E-03	1.72E-03	7.47E-03	0.00E+00	0.00E+00	1.10E-01	1.02E-07	1.01E-05	5.36E-05	0.00E+00	1.74E-04	8.22E-10	2.51E-11	1.14E-03	1.57E-05	6.10E-04	1.17E-08	1.18E-05	3.83E-03	6.55E-02	0.00E+00	8.39E-11	1.12E-10	1.29E-05	2.62E-07	8.67E-03	0.00E+00	6.55E-02	1.73E-10	6.55E-02	7.41E-02	8.67E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
MBA306	7.73E-06	1.00E-02	1.01E-03	4.47E-03	0.00E+00	0.00E+00	6.82E-02	5.97E-08	6.32E-06	2.15E-05	0.00E+00	9.41E-05	4.91E-10	1.64E-11	7.29E-04	3.86E-06	3.59E-04	2.40E-08	5.48E-06	3.31E-03	3.20E-02	0.00E+00	3.45E-11	5.02E-11	5.68E-06	1.60E-08	4.15E-03	0.00E+00	3.20E-02	1.02E-10	3.20E-02	3.62E-02	4.15E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04
MBA310	6.23E-05	2.80E-02	5.19E-03	2.24E-02	0.00E+00	0.00E+00	3.22E-01	3.06E-07	2.96E-05	1.85E-04	0.00E+00	5.46E-04	2.46E-09	7.20E-11	3.33E-03	5.98E-05	1.84E-03	3.95E-09	3.90E-05	9.12E-03	2.12E-01	0.00E+00	2.87E-10	3.72E-10	4.32E-05	1.10E-06	2.83E-02	0.00E+00	2.12E-01	5.20E-10	2.12E-01	2.41E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MBA313	7.92E-06	9.37E-03	1.01E-03	4.47E-03	0.00E+00	0.00E+00	6.80E-02	5.97E-08	6.30E-06	2.21E-05	0.00E+00	9.46E-05	4.90E-10	1.63E-11	7.26E-04	4.18E-06	3.59E-04	2.30E-08	5.57E-06	3.24E-03	3.24E-02	0.00E+00	3.54E-11	5.11E-11	5.79E-06	2.42E-08	4.21E-03	0.00E+00	3.24E-02	1.02E-10	3.24E-02	3.66E-02	4.21E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
MBA316	4.59E-06	1.17E-02	7.52E-04	3.38E-03	0.00E+00	0.00E+00	5.25E-02	4.46E-08	4.88E-06	1.22E-05	0.00E+00	6.71E-05	3.70E-10	1.30E-11	5.68E-04	7.69E-07	2.69E-04	2.47E-08	3.53E-06	2.89E-03	2.15E-02	0.00E+00	2.00E-11	3.16E-11	3.51E-06	4.22E-08	2.74E-03	0.00E+00	2.15E-02	7.66E-11	2.15E-02	2.42E-02	2.74E-03	0.00E+00	0.00E+00	0.00E+00	9.35E-05
MBA320	7.29E-05	3.45E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.17E-04	0.00E+00	6.36E-04	2.86E-09	8.33E-11	3.85E-03	7.05E-05	2.14E-03	7.73E-09	4.56E-05	1.04E-02	2.48E-01	0.00E+00	3.36E-10	4.35E-10	5.05E-05	1.31E-06	3.31E-02	0.00E+00	2.48E-01	6.05E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MBA325	6.72E-05	3.05E-02	5.59E-03	2.41E-02	0.00E+00	0.00E+00	3.47E-01	3.30E-07	3.19E-05	1.99E-04	0.00E+00	5.88E-04	2.65E-09	7.75E-11	3.58E-03	6.46E-05	1.98E-03	4.84E-09	4.21E-05	9.79E-03	2.29E-01	0.00E+00	3.10E-10	4.01E-10	4.66E-05	1.20E-06	3.05E-02	0.00E+00	2.29E-01	5.61E-10	2.29E-01	2.59E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
MBA332	2.30E-06	1.51E-02	6.24E-04	2.85E-03	0.00E+00	0.00E+00	4.55E-02	3.71E-08	4.24E-06	5.08E-06	0.00E+00	5.15E-05	3.11E-10	1.16E-11	5.00E-04	2.06E-06	2.24E-04	2.91E-08	2.19E-06	2.93E-03	1.46E-02	0.00E+00	9.23E-12	1.85E-11	1.97E-06	1.04E-07	1.80E-03	0.00E+00	1.46E-02	6.38E-11	1.46E-02	1.64E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-05
MBA340	4.36E-05	1.30E-02	3.81E-03	1.65E-02	0.00E+00	0.00E+00	2.39E-01	2.25E-07	2.20E-05	1.29E-04	0.00E+00	3.95E-04	1.81E-09	5.40E-11	2.48E-03	4.01E-05	1.35E-03	9.21E-09	2.76E-05	7.44E-03	1.51E-01	0.00E+00	2.00E-10	2.62E-10	3.04E-05	7.14E-07	2.01E-02	0.00E+00	1.51E-01	3.82E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
MBA350	5.11E-07	1.67E-02	4.96E-04	2.30E-03	0.00E+00	0.00E+00	3.79E-02	2.96E-08	3.55E-06	3.05E-07	0.00E+00	3.74E-05	2.51E-10	9.99E-12	4.23E-04	3.98E-06	1.79E-04	3.06E-08	1.11E-06	2.79E-03	8.85E-03	0.00E+00	9.33E-13	8.12E-12	7.55E-07	1.43E-07	1.03E-03	0.00E+00	8.85E-03	5.11E-11	8.85E-03	9.88E-03	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-05
MBA363	2.50E-05	7.04E-06	2.39E-03	1.04E-02	0.00E+00	0.00E+00	1.53E-01	1.41E-07	1.41E-05	7.30E-05	0.00E+00	2.41E-04	1.14E-09	3.52E-11	1.60E-03	2.10E-05	8.47E-04	1.89E-08	1.62E-05	5.47E-03	9.00E-02	0.00E+00	1.14E-10	1.53E-10	1.76E-05	3.42E-07	1.19E-02	0.00E+00	9.00E-02	2.40E-10	9.00E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.46E-04
MBA406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MBA410	9.15E-05	4.32E-02	7.57E-03	3.26E-02	0.00E+00	0.00E+00	4.69E-01	4.47E-07	4.31E-05	2.72E-04	0.00E+00	7.98E-04	3.59E-09	1.05E-10	4.84E-03	8.85E-05	2.68E-03	9.57E-09	5.73E-05	1.31E-02	3.11E-01	0.00E+00	4.22E-10	5.45E-10	6.34E-05	1.64E-06	4.15E-02	0.00E+00	3.11E-01	7.59E-10	3.11E-01	3.53E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
MBA416	9.61E-05	4.60E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.91E-01	4.68E-07	4.52E-05	2.86E-04	0.00E+00	8.37E-04	3.77E-09	1.10E-10	5.07E-03	9.31E-05	2.81E-03	1.12E-08	6.01E-05	1.36E-02	3.26E-01	0.00E+00	4.44E-10	5.73E-10	6.66E-05	1.73E-06	4.36E-02	0.00E+00	3.26E-01	7.96E-10	3.26E-01	3.70E-01	4.36E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MBA420	9.04E-05	4.14E-02	7.51E-03	3.24E-02	0.00E+00	0.00E+00	4.66E-01	4.43E-07	4.29E-05	2.68E-04	0.00E+00	7.91E-04	3.57E-09	1.04E-10	4.81E-03	8.70E-05	2.66E-03	7.10E-09	5.66E-05	1.31E-02	3.08E-01	0.00E+00	4.17E-10	5.39E-10	6.26E-05	1.61E-06	4.11E-02	0.00E+00	3.08E-01	7.53E-10	3.08E-01	3.49E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
MBA425	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
MBA432	4.97E-05	1.19E-02	4.42E-03	1.91E-02	0.00E+00	0.00E+00	2.79E-01	2.61E-07	2.57E-05	1.46E-04	0.00E+00	4.56E-04	2.11E-09	6.32E-11	2.90E-03	4.49E-05	1.57E-03	1.59E-08	3.16E-05	8.96E-03	1.74E-01	0.00E+00	2.28E-10	2.99E-10	3.47E-05	7.87E-07	2.31E-02	0.00E+00	1.74E-01	4.44E-10	1.74E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MBA440	4.56E-05	8.91E-03	4.11E-03	1.78E-02	0.00E+00	0.00E+00	2.60E-01	2.43E-07	2.40E-05	1.34E-04	0.00E+00	4.23E-04	1.96E-09	5.92E-11	2.71E-03	4.08E-05	1.46E-03	1.82E-08	2.91E-05	8.55E-03	1.60E-01	0.00E+00	2.09E-10	2.76E-10	3.19E-05	7.05E-07	2.13E-02	0.00E+00	1.60E-01	4.13E-10	1.60E-01	1.82E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MBA450	4.11E-05	5.50E-03	3.77E-03	1.64E-02	0.00E+00	0.00E+00	2.40E-01	2.23E-07	2.21E-05	1.21E-04	0.00E+00	3.86E-04	1.80E-09	5.47E-11	2.50E-03	3.61E-05	1.34E-03	2.10E-08	2.64E-05	8.11E-03	1.46E-01	0.00E+00	1.88E-10	2.49E-10	2.88E-05	6.13E-07	1.93E-02	0.00E+00	1.46E-01	3.80E-10	1.46E-01	1.65E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MBA463	4.25E-05	6.32E-03	3.89E-03	1.69E-02	0.00E+00	0.00E+00	2.47E-01	2.30E-07	2.27E-05	1.25E-04	0.00E+00	3.98E-04	1.86E-09	5.62E-11	2.57E-03	3.75E-05	1.38E-03	2.06E-08	2.73E-05	8.29E-03	1.50E-01	0.00E+00	1.95E-10	2.58E-10	2.98E-05	6.39E-07	1.99E-02	0.00E+00	1.50E-01	3.91E-10	1.50E-01	1.70E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MBA510	4.12E-05	1.85E-02	3.43E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.02E-07	1.96E-05	1.22E-04	0.00E+00	3.61E-04	1.63E-09	4.76E-11	2.20E-03	3.95E-05	1.21E-03	2.54E-09	2.58E-05	6.03E-03	1.40E-01	0.00E+00	1.90E-10	2.46E-10	2.85E-05	7.30E-07	1.87E-02	0.00E+00	1.40E-01	3.44E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
MBA516	2.79E-05	9.21E-03	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.51E-01	1.42E-07	1.39E-05	8.23E-05	0.00E+00	2.51E-04	1.15E-09	3.41E-11	1.57E-03	2.59E-05	8.54E-04	4.28E-09	1.76E-05	4.62E-03	9.64E-02	0.00E+00	1.28E-10	1.67E-10	1.94E-05	4.65E-07	1.28E-02	0.00E+00	9.64E-02	2.42E-10	9.64E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
MBA520	2.88E-05	9.49E-03	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.56E-01	1.47E-07	1.44E-05	8.52E-05	0.00E+00	2.59E-04	1.19E-09	3.52E-11	1.62E-03	2.68E-05	8.84E-04	4.48E-09	1.82E-05	4.78E-03	9.97E-02	0.00E+00	1.33E-10	1.73E-10	2.01E-05	4.80E-07	1.33E-02	0.00E+00	9.97E-02	2.51E-10	9.97E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.66E-04
MBA525	6.25E-06	5.94E-03	7.56E-04	3.34E-03	0.00E+00	0.00E+00	5.06E-02	4.48E-08	4.69E-06	1.76E-05	0.00E+00	7.18E-05	3.67E-10	1.21E-11	5.39E-04	3.69E-06	2.69E-04	1.55E-08	4.33E-06	2.33E-03	2.50E-02	0.00E+00	2.81E-11	3.99E-11	4.54E-06	3.23E-08	3.26E-03	0.00E+00	2.50E-02	7.65E-11	2.50E-02	2.83E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MBA540	6.48E-06	6.70E-03	7.99E-04	3.54E-03	0.00E+00	0.00E+00	5.36E-02	4.73E-08	4.97E-06	1.82E-05	0.00E+00	7.56E-05	3.88E-10	1.28E-11	5.72E-04	3.68E-06	2.85E-04	1.71E-08	4.52E-06	2.50E-03	2.61E-02	0.00E+00	2.91E-11	4.16E-11	4.72E-06	2.85E-08	3.40E-03	0.00E+00	2.61E-02	8.09E-11	2.61E-02	2.96E-02	3.40E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MBN006	3.13E-05	1.70E-02	2.53E-03	1.09E-02	0.00E+00	0.00E+00	1.55E-01	1.49E-07	1.43E-05	9.31E-05	0.00E+00	2.68E-04	1.20E-09	3.45E-11	1.60E-03	3.08E-05	8.94E-04	7.37E-09	1.95E-05	4.10E-03	1.05E-01	0.00E+00	1.44E-10	1.86E-10	2.16E-05	5.81E-07	1.41E-02	0.00E+00	1.05E-01	2.53E-10	1.05E-01	1.19E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
MBN010	3.24E-05	1.78E-02	2.61E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.54E-07	1.48E-05	9.65E-05	0.00E+00	2.78E-04	1.24E-09	3.57E-11	1.66E-03	3.20E-05	9.25E-04	7.93E-09	2.02E-05	4.23E-03	1.09E-01	0.00E+00	1.50E-10	1.93E-10	2.24E-05	6.04E-07	1.46E-02	0.00E+00	1.09E-01	2.62E-10	1.09E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-04
MBN013	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN016	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN020	1.05E-05	2.40E-03	9.41E-04	4.08E-03	0.00E+00	0.00E+00	5.94E-02	5.56E-08	5.47E-06	3.10E-05	0.00E+00	9.69E-05	4.49E-10	1.35E-11	6.18E-04	9.50E-06	3.34E-04	3.59E-09	6.72E-06	1.92E-03	3.69E-02	0.00E+00	4.84E-11	6.36E-11	7.36E-06	1.66E-07	4.90E-03	0.00E+00	3.69E-02	9.46E-11	3.69E-02	4.18E-02	4.90E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
MBN025	1.23E-05	3.49E-03	1.08E-03	4.68E-03	0.00E+00	0.00E+00	6.80E-02	6.38E-08	6.26E-06	3.63E-05	0.00E+00	1.12E-04	5.15E-10	1.54E-11	7.05E-04	1.13E-05	3.83E-04	2.94E-09	7.82E-06	2.13E-03	4.28E-02	0.00E+00	5.66E-11	7.41E-11	8.58E-06	2.00E-07	5.70E-03	0.00E+00	4.28E-02	1.09E-10	4.28E-02	4.85E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MBN032	3.28E-05	1.71E-02	2.67E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.58E-07	1.52E-05	9.76E-05	0.00E+00	2.83E-04	1.27E-09	3.66E-11	1.70E-03	3.21E-05	9.46E-04	6.28E-09	2.05E-05	4.43E-03	1.11E-01	0.00E+00	1.52E-10	1.95E-10	2.27E-05	6.03E-07	1.48E-02	0.00E+00	1.11E-01	2.68E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.85E-04
MBN040	3.31E-05	1.73E-02	2.70E-03	1.16E-02	0.00E+00	0.00E+00	1.66E-01	1.59E-07	1.53E-05	9.85E-05	0.00E+00	2.86E-04	1.28E-09	3.69E-11	1.71E-03	3.24E-05	9.54E-04	6.42E-09	2.06E-05	4.47E-03	1.12E-01	0.00E+00	1.53E-10	1.97E-10	2.29E-05	6.09E-07	1.49E-02	0.00E+00	1.12E-01	2.70E-10	1.12E-01	1.27E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
MBN106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN106A	3.64E-05	2.05E-02	2.92E-03	1.26E-02	0.00E+00	0.00E+00	1.80E-01	1.72E-07	1.65E-05	1.09E-04	0.00E+00	3.11E-04	1.38E-09	3.98E-11	1.85E-03	3.61E-05	1.03E-03	9.89E-09	2.26E-05	4.66E-03	1.22E-01	0.00E+00	1.68E-10	2.16E-10	2.51E-05	6.84E-07	1.64E-02	0.00E+00	1.22E-01	2.93E-10	1.22E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04
MBN106E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN106P	2.37E-05	1.09E-02	1.97E-03	8.50E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	7.05E-05	0.00E+00	2.08E-04	9.36E-10	2.73E-11	1.26E-03	2.29E-05	6.98E-04	1.93E-09	1.49E-05	3.44E-03	8.08E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.23E-07	1.08E-02	0.00E+00	8.08E-02	1.98E-10	8.08E-02	9.16E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.37E-04
MBN106W	2.60E-05	1.34E-02	2.12E-03	9.11E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.73E-05	0.00E+00	2.24E-04	1.00E-09	2.91E-11	1.35E-03	2.54E-05	7.50E-04	4.79E-09	1.62E-05	3.53E-03	8.78E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.76E-07	1.17E-02	0.00E+00	8.78E-02	2.12E-10	8.78E-02	9.95E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
MBN110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBN110E	2.22E-05	1.04E-02	2.26E-03	8.17E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.06E-05	6.70E-05	0.00E+00	1.40E-04	8.72E-10	2.76E-11	1.18E-03	2.11E-05	6.50E-04	0.00E+00	1.65E-05	3.94E-03	7.51E-02	0.00E+00	1.02E-10	1.31E-10	1.56E-05	4.06E-07	9.95E-03	0.00E+00	7.51E-02	-5.93E-09	7.51E-02	8.50E-02	9.95E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MBN110P	2.66E-05	1.39E-02	2.16E-03	9.30E-03	0.00E+00	0.00E+00	1.33E-01	1.28E-07	1.23E-05	7.90E-05	0.00E+00	2.29E-04	1.02E-09	2.96E-11	1.37E-03	2.60E-05	7.65E-04	5.25E-09	1.66E-05	3.58E-03	8.97E-02	0.00E+00	1.23E-10	1.58E-10	1.84E-05	4.89E-07	1.20E-02	0.00E+00	8.97E-02	2.17E-10	8.97E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.17E-04
MBN110W	1.04E-05	2.88E-03	9.19E-04	3.98E-03	0.00E+00	0.00E+00	5.78E-02	5.43E-08	5.32E-06	3.08E-05	0.00E+00	9.50E-05	4.38E-10	1.31E-11	6.00E-04	9.55E-06	3.26E-04	2.63E-09	6.63E-06	1.82E-03	3.63E-02	0.00E+00	4.80E-11	6.29E-11	7.28E-06	1.69E-07	4.83E-03	0.00E+00	3.63E-02	9.23E-11	3.63E-02	4.12E-02	4.83E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MBN113	1.05E-05	2.91E-03	9.24E-04	4.00E-03	0.00E+00	0.00E+00	5.81E-02	5.46E-08	5.35E-06	3.10E-05	0.00E+00	9.56E-05	4.40E-10	1.31E-11	6.03E-04	9.61E-06	3.27E-04	2.63E-09	6.67E-06	1.83E-03	3.66E-02	0.00E+00	4.83E-11	6.32E-11	7.32E-06	1.70E-07	4.86E-03	0.00E+00	3.66E-02	9.28E-11	3.66E-02	4.14E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
MBN113E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN116E	2.22E-05	1.04E-02	2.26E-03	8.17E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.06E-05	6.70E-05	0.00E+00	1.40E-04	8.72E-10	2.76E-11	1.18E-03	2.11E-05	6.50E-04	0.00E+00	1.65E-05	3.94E-03	7.51E-02	0.00E+00	1.02E-10	1.31E-10	1.56E-05	4.06E-07	9.95E-03	0.00E+00	7.51E-02	-5.93E-09	7.51E-02	8.50E-02	9.95E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MBN116P	2.59E-05	1.34E-02	2.11E-03	9.08E-03	0.00E+00	0.00E+00	1.30E-01	1.25E-07	1.20E-05	7.70E-05	0.00E+00	2.24E-04	1.00E-09	2.89E-11	1.34E-03	2.53E-05	7.47E-04	4.83E-09	1.62E-05	3.51E-03	8.75E-02	0.00E+00	1.20E-10	1.54E-10	1.79E-05	4.75E-07	1.17E-02	0.00E+00	8.75E-02	2.11E-10	8.75E-02	9.92E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.98E-04
MBN116W	8.27E-06	1.36E-03	7.53E-04	3.27E-03	0.00E+00	0.00E+00	4.77E-02	4.45E-08	4.40E-06	2.43E-05	0.00E+00	7.71E-05	3.60E-10	1.09E-11	4.97E-04	7.32E-06	2.67E-04	3.77E-09	5.30E-06	1.59E-03	2.92E-02	0.00E+00	3.80E-11	5.01E-11	5.79E-06	1.26E-07	3.87E-03	0.00E+00	2.92E-02	7.57E-11	2.92E-02	3.31E-02	3.87E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MBN120	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBN120E	2.24E-05	1.05E-02	2.28E-03	8.23E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.07E-05	6.75E-05	0.00E+00	1.42E-04	8.79E-10	2.78E-11	1.19E-03	2.13E-05	6.57E-04	1.87E-06	1.66E-05	3.97E-03	7.57E-02	0.00E+00	1.03E-10	1.32E-10	1.57E-05	4.09E-07	1.00E-02	0.00E+00	7.57E-02	-5.93E-09	7.57E-02	8.57E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MBN120P	2.69E-05	1.41E-02	2.19E-03	9.43E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.24E-05	8.02E-05	0.00E+00	2.32E-04	1.04E-09	3.00E-11	1.39E-03	2.64E-05	7.76E-04	5.35E-09	1.68E-05	3.62E-03	9.10E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.96E-07	1.22E-02	0.00E+00	9.10E-02	2.20E-10	9.10E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
MBN125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN125A	1.23E-05	3.39E-03	1.08E-03	4.68E-03	0.00E+00	0.00E+00	6.80E-02	6.38E-08	6.26E-06	3.62E-05	0.00E+00	1.12E-04	5.15E-10	1.54E-11	7.06E-04	1.12E-05	3.83E-04	3.10E-09	7.80E-06	2.14E-03	4.28E-02	0.00E+00	5.65E-11	7.40E-11	8.57E-06	1.99E-07	5.69E-03	0.00E+00	4.28E-02	1.09E-10	4.28E-02	4.85E-02	5.69E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MBN125E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN125P	2.68E-05	1.29E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.96E-05	0.00E+00	2.33E-04	1.05E-09	3.05E-11	1.41E-03	2.60E-05	7.83E-04	3.17E-09	1.68E-05	3.79E-03	9.10E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.83E-07	1.22E-02	0.00E+00	9.10E-02	2.22E-10	9.10E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.21E-04
MBN125W	3.93E-05	2.24E-02	3.15E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.86E-07	1.78E-05	1.17E-04	0.00E+00	3.36E-04	1.49E-09	4.28E-11	1.99E-03	3.91E-05	1.11E-03	1.11E-08	2.44E-05	5.00E-03	1.32E-01	0.00E+00	1.82E-10	2.33E-10	2.72E-05	7.41E-07	1.77E-02	0.00E+00	1.32E-01	3.16E-10	1.32E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MBN132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN132A	3.10E-05	1.58E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.44E-05	9.22E-05	0.00E+00	2.68E-04	1.20E-09	3.48E-11	1.61E-03	3.03E-05	8.97E-04	5.36E-09	1.94E-05	4.24E-03	1.05E-01	0.00E+00	1.43E-10	1.85E-10	2.15E-05	5.67E-07	1.40E-02	0.00E+00	1.05E-01	2.54E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.36E-04
MBN132E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN132P	2.67E-05	1.27E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.94E-05	0.00E+00	2.33E-04	1.05E-09	3.05E-11	1.41E-03	2.59E-05	7.83E-04	2.90E-09	1.67E-05	3.81E-03	9.09E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.81E-07	1.21E-02	0.00E+00	9.09E-02	2.22E-10	9.09E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-04
MBN132W	7.74E-05	4.83E-02	6.09E-03	2.61E-02	0.00E+00	0.00E+00	3.72E-01	3.59E-07	3.42E-05	2.31E-04	0.00E+00	6.52E-04	2.88E-09	8.19E-11	3.82E-03	7.79E-05	2.15E-03	2.94E-08	4.79E-05	9.17E-03	2.58E-01	0.00E+00	3.58E-10	4.58E-10	5.33E-05	1.49E-06	3.46E-02	0.00E+00	2.58E-01	6.09E-10	2.58E-01	2.93E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MBN140	2.33E-05	1.06E-02	1.94E-03	8.38E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.93E-05	0.00E+00	2.05E-04	9.23E-10	2.69E-11	1.25E-03	2.24E-05	6.88E-04	1.57E-09	1.46E-05	3.41E-03	7.96E-02	0.00E+00	1.08E-10	1.39E-10	1.62E-05	4.15E-07	1.06E-02	0.00E+00	7.96E-02	1.95E-10	7.96E-02	9.02E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
MBN140A	3.08E-05	1.56E-02	2.51E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.43E-05	9.15E-05	0.00E+00	2.66E-04	1.19E-09	3.45E-11	1.60E-03	3.00E-05	8.90E-04	5.23E-09	1.92E-05	4.21E-03	1.04E-01	0.00E+00	1.42E-10	1.83E-10	2.13E-05	5.62E-07	1.39E-02	0.00E+00	1.04E-01	2.52E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.29E-04
MBN140E	1.14E-05	2.15E-03	1.03E-03	4.47E-03	0.00E+00	0.00E+00	6.52E-02	6.08E-08	6.01E-06	3.35E-05	0.00E+00	1.06E-04	4.92E-10	1.48E-11	6.78E-04	1.02E-05	3.65E-04	4.68E-09	7.29E-06	2.15E-03	4.01E-02	0.00E+00	5.23E-11	6.89E-11	7.97E-06	1.75E-07	5.32E-03	0.00E+00	4.01E-02	1.03E-10	4.01E-02	4.54E-02	5.32E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MBN140P	2.59E-05	1.21E-02	2.15E-03	9.25E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.22E-05	7.70E-05	0.00E+00	2.26E-04	1.02E-09	2.97E-11	1.37E-03	2.50E-05	7.60E-04	2.50E-09	1.62E-05	3.72E-03	8.82E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.64E-07	1.18E-02	0.00E+00	8.82E-02	2.15E-10	8.82E-02	9.99E-02	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.96E-04
MBN140W	7.85E-05	4.90E-02	6.17E-03	2.65E-02	0.00E+00	0.00E+00	3.77E-01	3.64E-07	3.47E-05	2.34E-04	0.00E+00	6.61E-04	2.92E-09	8.30E-11	3.87E-03	7.90E-05	2.18E-03	2.99E-08	4.86E-05	9.28E-03	2.62E-01	0.00E+00	3.63E-10	4.64E-10	5.41E-05	1.52E-06	3.50E-02	0.00E+00	2.62E-01	6.18E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MBN150	2.79E-05	1.34E-02	2.30E-03	9.92E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.31E-05	8.29E-05	0.00E+00	2.43E-04	1.09E-09	3.18E-11	1.47E-03	2.70E-05	8.15E-04	3.30E-09	1.75E-05	3.95E-03	9.48E-02	0.00E+00	1.29E-10	1.66E-10	1.93E-05	5.03E-07	1.27E-02	0.00E+00	9.48E-02	2.31E-10	9.48E-02	1.07E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.50E-04
MBN150E	2.71E-05	1.28E-02	2.24E-03	9.65E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.04E-05	0.00E+00	2.36E-04	1.06E-09	3.09E-11	1.43E-03	2.62E-05	7.93E-04	2.89E-09	1.69E-05	3.86E-03	9.20E-02	0.00E+00	1.25E-10	1.61E-10	1.88E-05	4.86E-07	1.23E-02	0.00E+00	9.20E-02	2.24E-10	9.20E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.28E-04
MBN150P	2.54E-05	1.15E-02	2.12E-03	9.12E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.54E-05	0.00E+00	2.23E-04	1.01E-09	2.94E-11	1.36E-03	2.44E-05	7.49E-04	1.66E-09	1.59E-05	3.72E-03	8.66E-02	0.00E+00	1.17E-10	1.52E-10	1.76E-05	4.51E-07	1.16E-02	0.00E+00	8.66E-02	2.12E-10	8.66E-02	9.82E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
MBN150W	2.51E-05	1.15E-02	2.09E-03	9.00E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.46E-05	0.00E+00	2.20E-04	9.92E-10	2.89E-11	1.34E-03	2.42E-05	7.40E-04	1.94E-09	1.57E-05	3.65E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.48E-07	1.14E-02	0.00E+00	8.56E-02	2.09E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04
MBN163	2.95E-05	1.45E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.75E-05	0.00E+00	2.56E-04	1.15E-09	3.34E-11	1.54E-03	2.86E-05	8.57E-04	4.05E-09	1.84E-05	4.12E-03	9.99E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.34E-07	1.33E-02	0.00E+00	9.99E-02	2.43E-10	9.99E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
MBN163A	3.95E-05	2.13E-02	3.19E-03	1.37E-02	0.00E+00	0.00E+00	1.97E-01	1.88E-07	1.81E-05	1.18E-04	0.00E+00	3.39E-04	1.51E-09	4.36E-11	2.02E-03	3.89E-05	1.13E-03	8.94E-09	2.46E-05	5.21E-03	1.33E-01	0.00E+00	1.82E-10	2.35E-10	2.73E-05	7.32E-07	1.78E-02	0.00E+00	1.33E-01	3.20E-10	1.33E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MBN163E	2.40E-05	1.06E-02	2.00E-03	8.64E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.15E-05	7.12E-05	0.00E+00	2.11E-04	9.52E-10	2.78E-11	1.29E-03	2.30E-05	7.10E-04	1.22E-09	1.51E-05	3.54E-03	8.19E-02	0.00E+00	1.11E-10	1.43E-10	1.66E-05	4.24E-07	1.09E-02	0.00E+00	8.19E-02	2.01E-10	8.19E-02	9.28E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.44E-04
MBN163W	3.15E-05	1.59E-02	2.58E-03	1.11E-02	0.00E+00	0.00E+00	1.60E-01	1.52E-07	1.47E-05	9.38E-05	0.00E+00	2.73E-04	1.23E-09	3.55E-11	1.64E-03	3.08E-05	9.14E-04	5.07E-09	1.97E-05	4.35E-03	1.07E-01	0.00E+00	1.46E-10	1.88E-10	2.18E-05	5.75E-07	1.43E-02	0.00E+00	1.07E-01	2.59E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.50E-04
MBN206	6.56E-05	3.62E-02	5.29E-03	2.27E-02	0.00E+00	0.00E+00	3.25E-01	3.12E-07	2.99E-05	1.95E-04	0.00E+00	5.62E-04	2.50E-09	7.21E-11	3.35E-03	6.48E-05	1.87E-03	1.64E-08	4.08E-05	8.52E-03	2.21E-01	0.00E+00	3.03E-10	3.89E-10	4.53E-05	1.22E-06	2.95E-02	0.00E+00	2.21E-01	5.29E-10	2.21E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MBN206E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN206P	5.11E-05	2.45E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.61E-01	2.49E-07	2.40E-05	1.52E-04	0.00E+00	4.45E-04	2.00E-09	5.82E-11	2.69E-03	4.95E-05	1.49E-03	5.98E-09	3.20E-05	7.24E-03	1.74E-01	0.00E+00	2.36E-10	3.05E-10	3.54E-05	9.21E-07	2.32E-02	0.00E+00	1.74E-01	4.23E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MBN210	6.14E-05	3.34E-02	4.96E-03	2.13E-02	0.00E+00	0.00E+00	3.06E-01	2.93E-07	2.81E-05	1.83E-04	0.00E+00	5.27E-04	2.35E-09	6.77E-11	3.14E-03	6.05E-05	1.76E-03	1.44E-08	3.82E-05	8.06E-03	2.07E-01	0.00E+00	2.84E-10	3.65E-10	4.24E-05	1.14E-06	2.77E-02	0.00E+00	2.07E-01	4.97E-10	2.07E-01	2.35E-01	2.77E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MBN210E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN210P	5.18E-05	2.50E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.64E-01	2.52E-07	2.43E-05	1.54E-04	0.00E+00	4.51E-04	2.03E-09	5.89E-11	2.73E-03	5.02E-05	1.51E-03	6.32E-09	3.24E-05	7.32E-03	1.76E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.34E-07	2.35E-02	0.00E+00	1.76E-01	4.28E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03

MBN213	3.12E-05	1.22E-02	2.65E-03	1.14E-02	0.00E+00	0.00E+00	1.65E-01	1.56E-07	1.52E-05	9.24E-05	0.00E+00	2.77E-04	1.26E-09	3.71E-11	1.71E-03	2.95E-05	9.38E-04	1.31E-09	1.97E-05	4.86E-03	1.07E-01	0.00E+00	1.44E-10	1.87E-10	2.17E-05	5.37E-07	1.43E-02	0.00E+00	1.07E-01	2.66E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
MBN213E	4.48E-05	2.15E-02	3.69E-03	1.59E-02	0.00E+00	0.00E+00	2.29E-01	2.18E-07	2.10E-05	1.33E-04	0.00E+00	3.90E-04	1.75E-09	5.10E-11	2.36E-03	4.34E-05	1.31E-03	5.31E-09	2.80E-05	6.34E-03	1.52E-01	0.00E+00	2.07E-10	2.67E-10	3.10E-05	8.06E-07	2.03E-02	0.00E+00	1.52E-01	3.70E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MBN216	3.90E-05	1.75E-02	3.25E-03	1.40E-02	0.00E+00	0.00E+00	2.02E-01	1.92E-07	1.85E-05	1.16E-04	0.00E+00	3.42E-04	1.54E-09	4.50E-11	2.08E-03	3.74E-05	1.15E-03	2.49E-09	2.44E-05	5.71E-03	1.33E-01	0.00E+00	1.80E-10	2.33E-10	2.70E-05	6.92E-07	1.77E-02	0.00E+00	1.33E-01	3.26E-10	1.33E-01	1.51E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MBN216A	1.19E-04	7.23E-02	9.42E-03	4.04E-02	0.00E+00	0.00E+00	5.76E-01	5.55E-07	5.30E-05	3.55E-04	0.00E+00	1.01E-03	4.45E-09	1.27E-10	5.92E-03	1.19E-04	3.33E-03	4.16E-08	7.38E-05	1.44E-02	3.98E-01	0.00E+00	5.50E-10	7.05E-10	8.21E-05	2.28E-06	5.33E-02	0.00E+00	3.98E-01	9.43E-10	3.98E-01	4.51E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
MBN216E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN216P	5.18E-05	2.70E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.60E-01	2.49E-07	2.40E-05	1.54E-04	0.00E+00	4.47E-04	2.00E-09	5.79E-11	2.68E-03	5.08E-05	1.49E-03	9.94E-09	3.23E-05	7.00E-03	1.75E-01	0.00E+00	2.39E-10	3.08E-10	3.58E-05	9.53E-07	2.34E-02	0.00E+00	1.75E-01	4.23E-10	1.75E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MBN220	1.79E-05	2.64E-03	1.63E-03	7.09E-03	0.00E+00	0.00E+00	1.04E-01	9.65E-08	9.55E-06	5.24E-05	0.00E+00	1.67E-04	7.80E-10	2.36E-11	1.08E-03	1.57E-05	5.79E-04	8.66E-09	1.14E-05	3.48E-03	6.31E-02	0.00E+00	8.19E-11	1.08E-10	1.25E-05	2.68E-07	8.37E-03	0.00E+00	6.31E-02	1.64E-10	6.31E-02	7.15E-02	8.37E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04
MBN220A	9.13E-05	5.29E-02	7.29E-03	3.13E-02	0.00E+00	0.00E+00	4.48E-01	4.30E-07	4.12E-05	2.72E-04	0.00E+00	7.78E-04	3.45E-09	9.90E-11	4.60E-03	9.09E-05	2.58E-03	2.72E-08	5.67E-05	1.15E-02	3.06E-01	0.00E+00	4.22E-10	5.42E-10	6.30E-05	1.73E-06	4.10E-02	0.00E+00	3.06E-01	7.31E-10	3.06E-01	3.47E-01	4.10E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MBN220E	1.95E-05	3.86E-03	1.76E-03	7.63E-03	0.00E+00	0.00E+00	1.11E-01	1.04E-07	1.03E-05	5.74E-05	0.00E+00	1.81E-04	8.40E-10	2.53E-11	1.16E-03	1.75E-05	6.24E-04	7.71E-09	1.25E-05	3.65E-03	6.87E-02	0.00E+00	8.97E-11	1.18E-10	1.37E-05	3.02E-07	9.12E-03	0.00E+00	6.87E-02	1.77E-10	6.87E-02	7.78E-02	9.12E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
MBN220P	4.96E-05	2.31E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.47E-04	0.00E+00	4.34E-04	1.95E-09	5.69E-11	2.63E-03	4.79E-05	1.46E-03	4.58E-09	3.11E-05	7.14E-03	1.69E-01	0.00E+00	2.29E-10	2.96E-10	3.44E-05	8.88E-07	2.25E-02	0.00E+00	1.69E-01	4.13E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MBN225	2.00E-05	3.93E-03	1.80E-03	7.82E-03	0.00E+00	0.00E+00	1.14E-01	1.07E-07	1.05E-05	5.88E-05	0.00E+00	1.85E-04	8.61E-10	2.59E-11	1.19E-03	1.79E-05	6.39E-04	7.94E-09	1.28E-05	3.75E-03	7.03E-02	0.00E+00	9.18E-11	1.21E-10	1.40E-05	3.09E-07	9.34E-03	0.00E+00	7.03E-02	1.81E-10	7.03E-02	7.97E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MBN225A	3.37E-05	1.26E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	9.97E-05	0.00E+00	3.00E-04	1.37E-09	4.04E-11	1.86E-03	3.17E-05	1.02E-03	2.52E-09	2.13E-05	5.35E-03	1.16E-01	0.00E+00	1.55E-10	2.02E-10	2.34E-05	5.75E-07	1.54E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.99E-04
MBN225E	2.00E-05	3.92E-03	1.80E-03	7.82E-03	0.00E+00	0.00E+00	1.14E-01	1.07E-07	1.05E-05	5.88E-05	0.00E+00	1.85E-04	8.61E-10	2.59E-11	1.19E-03	1.79E-05	6.39E-04	7.95E-09	1.28E-05	3.75E-03	7.03E-02	0.00E+00	9.18E-11	1.21E-10	1.40E-05	3.09E-07	9.34E-03	0.00E+00	7.03E-02	1.81E-10	7.03E-02	7.97E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MBN225P	5.07E-05	2.38E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.48E-07	2.39E-05	1.50E-04	0.00E+00	4.42E-04	1.99E-09	5.80E-11	2.68E-03	4.89E-05	1.48E-03	5.08E-09	3.17E-05	7.25E-03	1.72E-01	0.00E+00	2.34E-10	3.02E-10	3.51E-05	9.08E-07	2.30E-02	0.00E+00	1.72E-01	4.20E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MBN232	5.99E-05	3.03E-02	4.90E-03	2.11E-02	0.00E+00	0.00E+00	3.03E-01	2.89E-07	2.79E-05	1.78E-04	0.00E+00	5.19E-04	2.32E-09	6.74E-11	3.12E-03	5.85E-05	1.73E-03	9.93E-09	3.74E-05	8.23E-03	2.03E-01	0.00E+00	2.77E-10	3.57E-10	4.15E-05	1.09E-06	2.71E-02	0.00E+00	2.03E-01	4.91E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
MBN232A	4.25E-05	1.84E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.74E-04	1.69E-09	4.95E-11	2.28E-03	4.06E-05	1.26E-03	1.42E-09	2.67E-05	6.33E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.47E-07	1.93E-02	0.00E+00	1.45E-01	3.57E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MBN232E	1.43E-05	1.37E-03	1.40E-03	6.11E-03	0.00E+00	0.00E+00	9.02E-02	8.27E-08	8.32E-06	4.15E-05	0.00E+00	1.40E-04	6.72E-10	2.08E-11	9.45E-04	1.17E-05	4.97E-04	1.33E-08	9.32E-06	3.35E-03	5.20E-02	0.00E+00	6.52E-11	8.76E-11	1.01E-05	1.83E-07	6.86E-03	0.00E+00	5.20E-02	1.41E-10	5.20E-02	5.88E-02	6.86E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
MBN232P	5.02E-05	2.32E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.58E-01	2.46E-07	2.38E-05	1.49E-04	0.00E+00	4.39E-04	1.98E-09	5.77E-11	2.67E-03	4.84E-05	1.48E-03	4.37E-09	3.15E-05	7.25E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	8.97E-07	2.28E-02	0.00E+00	1.71E-01	4.18E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MBN240	6.37E-05	3.29E-02	5.20E-03	2.24E-02	0.00E+00	0.00E+00	3.21E-01	3.07E-07	2.95E-05	1.90E-04	0.00E+00	5.51E-04	2.46E-09	7.13E-11	3.30E-03	6.24E-05	1.84E-03	1.18E-08	3.98E-05	8.65E-03	2.15E-01	0.00E+00	2.94E-10	3.79E-10	4.41E-05	1.17E-06	2.88E-02	0.00E+00	2.15E-01	5.21E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
MBN240A	6.37E-05	3.29E-02	5.19E-03	2.23E-02	0.00E+00	0.00E+00	3.20E-01	3.06E-07	2.95E-05	1.89E-04	0.00E+00	5.50E-04	2.46E-09	7.12E-11	3.30E-03	6.23E-05	1.84E-03	1.18E-08	3.97E-05	8.64E-03	2.15E-01	0.00E+00	2.94E-10	3.79E-10	4.40E-05	1.17E-06	2.88E-02	0.00E+00	2.15E-01	5.20E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
MBN240E	1.01E-04	5.91E-02	8.06E-03	3.46E-02	0.00E+00	0.00E+00	4.95E-01	4.76E-07	4.55E-05	3.01E-04	0.00E+00	8.60E-04	3.82E-09	1.09E-10	5.08E-03	1.01E-04	2.85E-03	3.11E-08	6.28E-05	1.26E-02	3.39E-01	0.00E+00	4.67E-10	5.99E-10	6.98E-05	1.92E-06	4.53E-02	0.00E+00	3.39E-01	8.07E-10	3.39E-01	3.84E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
MBN240P	5.12E-05	2.39E-02	4.24E-03	1.83E-02	0.00E+00	0.00E+00	2.63E-01	2.50E-07	2.42E-05	1.52E-04	0.00E+00	4.47E-04	2.01E-09	5.87E-11	2.71E-03	4.94E-05	1.50E-03	4.84E-09	3.21E-05	7.36E-03	1.74E-01	0.00E+00	2.36E-10	3.05E-10	3.55E-05	9.16E-07	2.32E-02	0.00E+00	1.74E-01	4.25E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MBN250	2.68E-05	7.21E-03	2.37E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.40E-07	1.37E-05	7.91E-05	0.00E+00	2.45E-04	1.13E-09	3.37E-11	1.55E-03	2.45E-05	8.39E-04	7.13E-09	1.71E-05	4.71E-03	9.35E-02	0.00E+00	1.23E-10	1.62E-10	1.87E-05	4.33E-07	1.24E-02	0.00E+00	9.35E-02	2.38E-10	9.35E-02	1.06E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.10E-04
MBN250A	4.28E-05	1.80E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.27E-04	0.00E+00	3.78E-04	1.71E-09	5.02E-11	2.31E-03	4.08E-05	1.27E-03	4.01E-10	2.69E-05	6.47E-03	1.46E-01	0.00E+00	1.97E-10	2.56E-10	2.97E-05	7.48E-07	1.95E-02	0.00E+00	1.46E-01	3.61E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
MBN250E	6.24E-05	3.14E-02	5.11E-03	2.20E-02	0.00E+00	0.00E+00	3.16E-01	3.02E-07	2.91E-05	1.86E-04	0.00E+00	5.41E-04	2.42E-09	7.03E-11	3.26E-03	6.09E-05	1.81E-03	9.99E-09	3.90E-05	8.61E-03	2.11E-01	0.00E+00	2.88E-10	3.72E-10	4.32E-05	1.14E-06	2.82E-02	0.00E+00	2.11E-01	5.12E-10	2.11E-01	2.40E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MBN250P	5.00E-05	2.24E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.59E-01	2.46E-07	2.38E-05	1.48E-04	0.00E+00	4.38E-04	1.98E-09	5.78E-11	2.67E-03	4.80E-05	1.48E-03	3.08E-09	3.13E-05	7.33E-03	1.70E-01	0.00E+00	2.31E-10	2.98E-10	3.47E-05	8.87E-07	2.27E-02	0.00E+00	1.70E-01	4.18E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MBN263	2.81E-05	7.98E-03	2.47E-03	1.07E-02	0.00E+00	0.00E+00	1.55E-01	1.46E-07	1.43E-05	8.29E-05	0.00E+00	2.55E-04	1.18E-09	3.51E-11	1.61E-03	2.58E-05	8.74E-04	6.69E-09	1.78E-05	4.87E-03	9.77E-02	0.00E+00	1.29E-10	1.69E-10	1.96E-05	4.57E-07	1.30E-02	0.00E+00	9.77E-02	2.48E-10	9.77E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.44E-04
MBN263A	5.65E-05	2.74E-02	4.66E-03	2.01E-02	0.00E+00	0.00E+00	2.88E-01	2.75E-07	2.65E-05	1.68E-04	0.00E+00	4.92E-04	2.21E-09	6.43E-11	2.97E-03	5.48E-05	1.65E-03	7.11E-09	3.54E-05	7.97E-03	1.92E-01	0.00E+00	2.61E-10	3.37E-10	3.91E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	4.67E-10	1.92E-01	2.18E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
MBN263E	1.81E-05	4.15E-04	1.72E-03	7.48E-03	0.00E+00	0.00E+00	1.10E-01	1.01E-07	1.01E-05	5.29E-05	0.00E+00	1.74E-04	8.23E-10	2.52E-11	1.15E-03	1.54E-05	6.10E-04	1.29E-08	1.17E-05	3.90E-03	6.50E-02	0.00E+00	8.29E-11	1.10E-10	1.27E-05	2.52E-07	8.60E-03	0.00E+00	6.50E-02	1.73E-10	6.50E-02	7.36E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-04
MBN263P	5.17E-05	2.36E-02	4.30E-03	1.85E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.46E-05	1.54E-04	0.00E+00	4.53E-04	2.04E-09	5.96E-11	2.76E-03	4.98E-05	1.52E-03	3.84E-09	3.24E-05	7.53E-03	1.76E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.21E-07	2.35E-02	0.00E+00	1.76E-01	4.31E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MBN306	8.05E-05	4.21E-02	6.55E-03	2.82E-02	0.00E+00	0.00E+00	4.04E-01	3.86E-07	3.72E-05	2.39E-04	0.00E+00	6.94E-04	3.10E-09	8.97E-11	4.16E-03	7.89E-05	2.32E-03	1.58E-08	5.02E-05	1.08E-02	2.72E-01	0.00E+00	3.72E-10	4.78E-10	5.56E-05	1.48E-06	3.63E-02	0.00E+00	2.72E-01	6.56E-10	2.72E-01	3.08E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
MBN306A	9.59E-05	5.26E-02	7.74E-03	3.33E-02	0.00E+00	0.00E+00	4.76E-01	4.57E-07	4.38E-05	2.86E-04	0.00E+00	8.22E-04	3.67E-09	1.06E-10	4.90E-03	9.47E-05	2.74E-03	2.33E-08	5.97E-05	1.25E-02	3.23E-01	0.00E+00	4.43E-10	5.70E-10	6.63E-05	1.79E-06	4.32E-02	0.00E+00	3.23E-01	7.75E-10	3.23E-01	3.66E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
MBN306E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN306P	7.54E-05	3.59E-02	6.23E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.68E-07	3.55E-05	2.24E-04	0.00E+00	6.57E-04	2.96E-09	8.60E-11	3.98E-03	7.30E-05	2.20E-03	8.42E-09	4.72E-05	1.07E-02	2.56E-01	0.00E+00	3.48E-10	4.49E-10	5.22E-05	1.36E-06	3.42E-02	0.00E+00	2.56E-01	6.24E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MBN310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN310A	1.12E-04	6.33E-02	8.95E-03	3.84E-02	0.00E+00	0.00E+00	5.50E-01	5.28E-07	5.05E-05	3.33E-04	0.00E+00	9.53E-04	4.24E-09	1.22E-10	5.65E-03	1.11E-04	3.16E-03	3.10E-08	6.94E-05	1.42E-02	3.75E-01	0.00E+00	5.16E-10	6.62E-10	7.71E-05	2.10E-06	5.01E-02	0.00E+00	3.75E-01	8.96E-10	3.75E-01	4.25E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03
MBN310E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN310P	7.65E-05	3.67E-02	6.32E-03	2.72E-02	0.00E+00	0.00E+00	3.91E-01	3.73E-07	3.60E-05	2.27E-04	0.00E+00	6.67E-04	3.00E-09	8.72E-11	4.03E-03	7.42E-05	2.24E-03	9.07E-09	4.79E-05	1.08E-02	2.60E-01	0.00E+00	3.53E-10	4.56E-10	5.30E-05	1.38E-06	3.47E-02	0.00E+00	2.60E-01	6.33E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MBN313	4.34E-05	1.61E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.32E-01	2.19E-07	2.14E-05	1.28E-04	0.00E+00	3.88E-04	1.77E-09	5.21E-11	2.40E-03	4.08E-05	1.32E-03	3.57E-09	2.74E-05	6.92E-03	1.50E-01	0.00E+00	2.00E-10	2.60E-10	3.02E-05	7.39E-07	1.99E-02	0.00E+00	1.50E-01	3.73E-10	1.50E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MBN313E	5.46E-05	2.37E-02	4.57E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.70E-07	2.62E-05	1.62E-04	0.00E+00	4.80E-04	2.17E-09	6.36E-11	2.94E-03	5.22E-05	1.62E-03	1.89E-09	3.43E-05	8.14E-03	1.86E-01	0.00E+00	2.52E-10	3.26E-10	3.79E-05	9.61E-07	2.49E-02	0.00E+00	1.86E-01	4.59E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MBN316	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN316A	7.42E-05	3.71E-02	6.08E-03	2.62E-02	0.00E+00	0.00E+00	3.76E-01	3.59E-07	3.46E-05	2.20E-04	0.00E+00	6.43E-04	2.88E-09	8.36E-11	3.87E-03	7.22E-05	2.15E-03	1.14E-08	4.63E-05	1.03E-02	2.51E-01	0.00E+00	3.42E-10	4.42E-10	5.13E-05	1.35E-06	3.36E-02	0.00E+00	2.51E-01	6.10E-10	2.51E-01	2.85E-01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MBN316E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MBN316P	7.69E-05	4.00E-02	6.27E-03	2.70E-02	0.00E+00	0.00E+00	3.87E-01	3.70E-07	3.56E-05	2.29E-04	0.00E+00	6.64E-04	2.97E-09	8.59E-11	3.98E-03	7.54E-05	2.22E-03	1.46E-08	4.80E-05	1.04E-02	2.60E-01	0.00E+00	3.55E-10	4.58E-10	5.32E-05	1.41E-06	3.47E-02	0.00E+00	2.60E-01	6.28E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MBN320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN320A	3.30E-05	8.25E-03	2.92E-03	1.27E-02	0.00E+00	0.00E+00	1.84E-01	1.73E-07	1.70E-05	9.71E-05	0.00E+00	3.02E-04	1.39E-09	4.17E-11	1.91E-03	2.99E-05	1.04E-03	9.86E-09	2.10E-05	5.89E-03	1.15E-01	0.00E+00	1.51E-10	1.99E-10	2.30E-05	5.26E-07	1.53E-02	0.00E+00	1.15E-01	2.94E-10	1.15E-01	1.30E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.70E-04
MBN320E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN320P	7.77E-05	3.70E-02	6.42E-03	2.76E-02	0.00E+00	0.00E+00	3.97E-01	3.79E-07	3.66E-05	2.31E-04	0.00E+00	6.77E-04	3.05E-09	8.86E-11	4.10E-03	7.52E-05	2.27E-03	8.70E-09	4.86E-05	1.10E-02	2.64E-01	0.00E+00	3.58E-10	4.63E-10	5.38E-05	1.40E-06	3.52E-02	0.00E+00	2.64E-01	6.43E-10	2.64E-01	2.99E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MBN325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN325A	2.83E-05	4.52E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.63E-01	1.52E-07	1.51E-05	8.31E-05	0.00E+00	2.64E-04	1.23E-09	3.73E-11	1.70E-03	2.50E-05	9.14E-04	1.31E-08	1.81E-05	5.47E-03	9.99E-02	0.00E+00	1.30E-10	1.71E-10	1.98E-05	4.28E-07	1.33E-02	0.00E+00	9.99E-02	2.59E-10	9.99E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.41E-04
MBN325E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN325P	7.55E-05	3.54E-02	6.25E-03	2.69E-02	0.00E+00	0.00E+00	3.87E-01	3.69E-07	3.56E-05	2.24E-04	0.00E+00	6.59E-04	2.97E-09	8.64E-11	3.99E-03	7.29E-05	2.21E-03	7.53E-09	4.72E-05	1.08E-02	2.57E-01	0.00E+00	3.48E-10	4.50E-10	5.23E-05	1.35E-06	3.42E-02	0.00E+00	2.57E-01	6.26E-10	2.57E-01	2.91E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MBN332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN332A	1.02E-04	5.39E-02	8.29E-03	3.56E-02	0.00E+00	0.00E+00	5.11E-01	4.89E-07	4.70E-05	3.04E-04	0.00E+00	8.79E-04	3.93E-09	1.13E-10	5.26E-03	1.00E-04	2.93E-03	2.11E-08	6.36E-05	1.36E-02	3.44E-01	0.00E+00	4.71E-10	6.06E-10	7.05E-05	1.88E-06	4.60E-02	0.00E+00	3.44E-01	8.30E-10	3.44E-01	3.90E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
MBN332E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN332P	7.64E-05	3.57E-02	6.33E-03	2.73E-02	0.00E+00	0.00E+00	3.92E-01	3.74E-07	3.61E-05	2.27E-04	0.00E+00	6.67E-04	3.00E-09	8.75E-11	4.05E-03	7.37E-05	2.24E-03	7.22E-09	4.78E-05	1.10E-02	2.60E-01	0.00E+00	3.52E-10	4.55E-10	5.29E-05	1.37E-06	3.47E-02	0.00E+00	2.60E-01	6.35E-10	2.60E-01	2.94E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MBN340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN340A	1.06E-04	5.68E-02	8.63E-03	3.71E-02	0.00E+00	0.00E+00	5.32E-01	5.09E-07	4.89E-05	3.17E-04	0.00E+00	9.15E-04	4.09E-09	1.18E-10	5.47E-03	1.05E-04	3.05E-03	2.30E-08	6.63E-05	1.41E-02	3.59E-01	0.00E+00	4.91E-10	6.32E-10	7.35E-05	1.97E-06	4.80E-02	0.00E+00	3.59E-01	8.64E-10	3.59E-01	4.07E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
MBN340E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN340P	7.68E-05	3.60E-02	6.36E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.76E-07	3.63E-05	2.28E-04	0.00E+00	6.71E-04	3.02E-09	8.80E-11	4.07E-03	7.42E-05	2.25E-03	7.45E-09	4.81E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.38E-06	3.49E-02	0.00E+00	2.61E-01	6.38E-10	2.61E-01	2.96E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MBN350	2.24E-05	2.42E-03	2.20E-03	9.62E-03	0.00E+00	0.00E+00	1.42E-01	1.30E-07	1.31E-05	6.52E-05	0.00E+00	2.21E-04	1.06E-09	3.29E-11	1.49E-03	1.82E-05	7.83E-04	2.13E-08	1.46E-05	5.30E-03	8.17E-02	0.00E+00	1.02E-10	1.38E-10	1.58E-05	2.85E-07	1.08E-02	0.00E+00	8.17E-02	2.22E-10	8.17E-02	9.25E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	5.74E-04
MBN350A	1.02E-04	5.28E-02	8.31E-03	3.57E-02	0.00E+00	0.00E+00	5.13E-01	4.90E-07	4.72E-05	3.03E-04	0.00E+00	8.80E-04	3.94E-09	1.14E-10	5.28E-03	9.98E-05	2.94E-03	1.91E-08	6.36E-05	1.38E-02	3.45E-01	0.00E+00	4.71E-10	6.06E-10	7.05E-05	1.87E-06	4.60E-02	0.00E+00	3.45E-01	8.32E-10	3.45E-01	3.91E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
MBN350E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN350P	7.60E-05	3.44E-02	6.33E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.26E-04	0.00E+00	6.66E-04	3.00E-09	8.77E-11	4.05E-03	7.31E-05	2.24E-03	5.29E-09	4.77E-05	1.11E-02	2.59E-01	0.00E+00	3.51E-10	4.54E-10	5.27E-05	1.35E-06	3.46E-02	0.00E+00	2.59E-01	6.35E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MBN363	9.31E-05	4.68E-02	7.63E-03	3.28E-02	0.00E+00	0.00E+00	4.71E-01	4.50E-07	4.34E-05	2.77E-04	0.00E+00	8.07E-04	3.62E-09	1.05E-10	4.86E-03	9.08E-05	2.70E-03	1.48E-08	5.81E-05	1.28E-02	3.15E-01	0.00E+00	4.30E-10	5.54E-10	6.44E-05	1.70E-06	4.21E-02	0.00E+00	3.15E-01	7.64E-10	3.15E-01	3.57E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
MBN363A	1.11E-04	5.93E-02	9.04E-03	3.89E-02	0.00E+00	0.00E+00	5.57E-01	5.34E-07	5.13E-05	3.32E-04	0.00E+00	9.59E-04	4.29E-09	1.24E-10	5.74E-03	1.10E-04	3.20E-03	2.38E-08	6.95E-05	1.48E-02	3.76E-01	0.00E+00	5.15E-10	6.63E-10	7.71E-05	2.06E-06	5.03E-02	0.00E+00	3.76E-01	9.06E-10	3.76E-01	4.26E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-03
MBN363E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN363P	7.31E-05	3.23E-02	6.10E-03	2.63E-02	0.00E+00	0.00E+00	3.79E-01	3.60E-07	3.49E-05	2.17E-04	0.00E+00	6.42E-04	2.90E-09	8.47E-11	3.91E-03	7.00E-05	2.16E-03	3.59E-09	4.58E-05	1.08E-02	2.49E-01	0.00E+00	3.37E-10	4.36E-10	5.07E-05	1.29E-06	3.33E-02	0.00E+00	2.49E-01	6.12E-10	2.49E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MBN406	1.31E-04	7.19E-02	1.05E-02	4.52E-02	0.00E+00	0.00E+00	6.48E-01	6.21E-07	5.96E-05	3.89E-04	0.00E+00	1.12E-03	4.99E-09	1.44E-10	6.66E-03	1.29E-04	3.72E-03	3.23E-08	8.13E-05	1.70E-02	4.40E-01	0.00E+00	6.03E-10	7.75E-10	9.02E-05	2.44E-06	5.88E-02	0.00E+00	4.40E-01	1.05E-09	4.40E-01	4.98E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
MBN406E	1.03E-04	5.34E-02	8.44E-03	3.63E-02	0.00E+00	0.00E+00	5.21E-01	4.98E-07	4.79E-05	3.08E-04	0.00E+00	8.94E-04	4.00E-09	1.16E-10	5.37E-03	1.01E-04	2.99E-03	1.90E-08	6.46E-05	1.40E-02	3.50E-01	0.00E+00	4.78E-10	6.16E-10	7.16E-05	1.90E-06	4.67E-02	0.00E+00	3.50E-01	8.46E-10	3.50E-01	3.97E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03
MBN406P	1.02E-04	4.87E-02	8.40E-03	3.62E-02	0.00E+00	0.00E+00	5.20E-01	4.96E-07	4.79E-05	3.02E-04	0.00E+00	8.87E-04	3.99E-09	1.16E-10	5.37E-03	9.86E-05	2.97E-03	1.17E-08	6.37E-05	1.44E-02	3.46E-01	0.00E+00	4.70E-10	6.07E-10	7.05E-05	1.83E-06	4.62E-02	0.00E+00	3.46E-01	8.42E-10	3.46E-01	3.92E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
MBN410	1.30E-04	7.15E-02	1.05E-02	4.51E-02	0.00E+00	0.00E+00	6.45E-01	6.19E-07	5.93E-05	3.87E-04	0.00E+00	1.11E-03	4.97E-09	1.43E-10	6.64E-03	1.28E-04	3.71E-03	3.20E-08	8.09E-05	1.69E-02	4.38E-01	0.00E+00	6.01E-10	7.72E-10	8.98E-05	2.42E-06	5.85E-02	0.00E+00	4.38E-01	1.05E-09	4.38E-01	4.96E-01	5.85E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
MBN410E	1.31E-04	7.19E-02	1.05E-02	4.52E-02	0.00E+00	0.00E+00	6.48E-01	6.21E-07	5.96E-05	3.89E-04	0.00E+00	1.12E-03	4.99E-09	1.44E-10	6.66E-03	1.29E-04	3.72E-03	3.23E-08	8.13E-05	1.70E-02	4.40E-01	0.00E+00	6.03E-10	7.75E-10	9.02E-05	2.44E-06	5.88E-02	0.00E+00	4.40E-01	1.05E-09	4.40E-01	4.98E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
MBN410P	1.03E-04	4.92E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-07	4.82E-05	3.05E-04	0.00E+00	8.93E-04	4.02E-09	1.17E-10	5.41E-03	9.94E-05	3.00E-03	1.21E-08	6.42E-05	1.45E-02	3.48E-01	0.00E+00	4.73E-10	6.11E-10	7.11E-05	1.85E-06	4.65E-02	0.00E+00	3.48E-01	8.49E-10	3.48E-01	3.95E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MBN413	6.95E-05	2.94E-02	5.84E-03	2.52E-02	0.00E+00	0.00E+00	3.63E-01	3.45E-07	3.35E-05	2.06E-04	0.00E+00	6.13E-04	2.78E-09	8.14E-11	3.76E-03	6.63E-05	2.07E-03	1.02E-09	4.37E-05	1.05E-02	2.38E-01	0.00E+00	3.20E-10	4.15E-10	4.82E-05	1.22E-06	3.17E-02	0.00E+00	2.38E-01	5.86E-10	2.38E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MBN413E	7.41E-05	3.25E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.94E-09	8.61E-11	3.98E-03	7.10E-05	2.19E-03	3.27E-09	4.65E-05	1.10E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN416	9.56E-05	4.73E-02	7.85E-03	3.38E-02	0.00E+00	0.00E+00	4.86E-01	4.63E-07	4.47E-05	2.84E-04	0.00E+00	8.30E-04	3.73E-09	1.08E-10	5.01E-03	9.30E-05	2.78E-03	1.39E-08	5.98E-05	1.33E-02	3.24E-01	0.00E+00	4.41E-10	5.69E-10	6.62E-05	1.74E-06	4.33E-02	0.00E+00	3.24E-01	7.87E-10	3.24E-01	3.67E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
MBN416E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN416P	1.02E-04	5.31E-02	8.34E-03	3.59E-02	0.00E+00	0.00E+00	5.15E-01	4.92E-07	4.74E-05	3.05E-04	0.00E+00	8.84E-04	3.96E-09	1.14E-10	5.30E-03	1.00E-04	2.95E-03	1.93E-08	6.39E-05	1.39E-02	3.46E-01	0.00E+00	4.73E-10	6.09E-10	7.08E-05	1.88E-06	4.62E-02	0.00E+00	3.46E-01	8.36E-10	3.46E-01	3.92E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MBN420	3.68E-05	6.10E-03	3.35E-03	1.45E-02	0.00E+00	0.00E+00	2.12E-01	1.98E-07	1.96E-05	1.08E-04	0.00E+00	3.43E-04	1.60E-09	4.84E-11	2.21E-03	3.26E-05	1.19E-03	1.67E-08	2.36E-05	7.08E-03	1.30E-01	0.00E+00	1.69E-10	2.23E-10	2.58E-05	5.60E-07	1.73E-02	0.00E+00	1.30E-01	3.37E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	9.66E-04
MBN420E	3.69E-05	6.24E-03	3.35E-03	1.45E-02	0.00E+00	0.00E+00	2.12E-01	1.98E-07	1.96E-05	1.08E-04	0.00E+00	3.44E-04	1.60E-09	4.84E-11	2.21E-03	3.27E-05	1.19E-03	1.65E-08	2.36E-05	7.07E-03	1.30E-01	0.00E+00	1.69E-10	2.23E-10	2.58E-05	5.61E-07	1.73E-02	0.00E+00	1.30E-01	3.37E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	9.67E-04
MBN420P	1.01E-04	4.74E-02	8.35E-03	3.60E-02	0.00E+00	0.00E+00	5.17E-01	4.93E-07	4.76E-05	2.99E-04	0.00E+00	8.80E-04	3.96E-09	1.15E-10	5.34E-03	9.74E-05	2.96E-03	1.00E-08	6.32E-05	1.44E-02	3.43E-01	0.00E+00	4.65E-10	6.01E-10	6.99E-05	1.81E-06	4.58E-02	0.00E+00	3.43E-01	8.37E-10	3.43E-01	3.89E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MBN425	7.26E-05	3.07E-02	6.11E-03	2.63E-02	0.00E+00	0.00E+00	3.80E-01	3.60E-07	3.50E-05	2.15E-04	0.00E+00	6.41E-04	2.90E-09	8.50E-11	3.92E-03	6.93E-05	2.16E-03	1.03E-09	4.56E-05	1.10E-02	2.48E-01	0.00E+00	3.35E-10	4.34E-10	5.04E-05	1.27E-06	3.31E-02	0.00E+00	2.48E-01	6.12E-10	2.48E-01	2.82E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MBN425E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN425P	7.43E-05	2.92E-02	6.30E-03	2.72E-02	0.00E+00	0.00E+00	3.93E-01	3.72E-07	3.62E-05	2.20E-04	0.00E+00	6.59E-04	3.00E-09	8.82E-11	4.06E-03	7.03E-05	2.23E-03	2.87E-09	4.68E-05	1.15E-02	2.55E-01	0.00E+00	3.42E-10	4.45E-10	5.16E-05	1.28E-06	3.40E-02	0.00E+00	2.55E-01	6.32E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03

MBN432	1.30E-04	6.78E-02	1.06E-02	4.56E-02	0.00E+00	0.00E+00	6.54E-01	6.26E-07	6.02E-05	3.88E-04	0.00E+00	1.12E-03	5.03E-09	1.45E-10	6.74E-03	1.28E-04	3.75E-03	2.51E-08	8.13E-05	1.76E-02	4.40E-01	0.00E+00	6.02E-10	7.75E-10	9.01E-05	2.39E-06	5.88E-02	0.00E+00	4.40E-01	1.06E-09	4.40E-01	4.99E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
MBN432E	1.65E-04	9.18E-02	1.32E-02	5.69E-02	0.00E+00	0.00E+00	8.14E-01	7.81E-07	7.49E-05	4.90E-04	0.00E+00	1.41E-03	6.27E-09	1.80E-10	8.38E-03	1.63E-04	4.68E-03	4.28E-08	1.02E-04	2.12E-02	5.54E-01	0.00E+00	7.61E-10	9.77E-10	1.14E-04	3.08E-06	7.40E-02	0.00E+00	5.54E-01	1.33E-09	5.54E-01	6.28E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	4.46E-03
MBN432P	1.03E-04	4.82E-02	8.51E-03	3.66E-02	0.00E+00	0.00E+00	5.27E-01	5.02E-07	4.85E-05	3.05E-04	0.00E+00	8.97E-04	4.04E-09	1.18E-10	5.44E-03	9.92E-05	3.01E-03	1.01E-08	6.43E-05	1.47E-02	3.49E-01	0.00E+00	4.74E-10	6.12E-10	7.12E-05	1.84E-06	4.66E-02	0.00E+00	3.49E-01	8.53E-10	3.49E-01	3.96E-01	4.66E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MBN440	3.34E-05	4.60E-04	3.17E-03	1.38E-02	0.00E+00	0.00E+00	2.03E-01	1.88E-07	1.87E-05	9.75E-05	0.00E+00	3.21E-04	1.52E-09	4.67E-11	2.12E-03	2.82E-05	1.13E-03	2.43E-08	2.16E-05	7.24E-03	1.20E-01	0.00E+00	1.53E-10	2.04E-10	2.35E-05	4.62E-07	1.59E-02	0.00E+00	1.20E-01	3.19E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
MBN440E	1.18E-04	5.99E-02	9.69E-03	4.17E-02	0.00E+00	0.00E+00	5.99E-01	5.72E-07	5.51E-05	3.52E-04	0.00E+00	1.03E-03	4.60E-09	1.33E-10	6.17E-03	1.16E-04	3.43E-03	1.95E-08	7.39E-05	1.63E-02	4.01E-01	0.00E+00	5.47E-10	7.05E-10	8.19E-05	2.16E-06	5.35E-02	0.00E+00	4.01E-01	9.71E-10	4.01E-01	4.54E-01	5.35E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MBN440P	1.02E-04	4.72E-02	8.42E-03	3.63E-02	0.00E+00	0.00E+00	5.22E-01	4.97E-07	4.80E-05	3.02E-04	0.00E+00	8.87E-04	4.00E-09	1.17E-10	5.39E-03	9.80E-05	2.98E-03	9.28E-09	6.36E-05	1.46E-02	3.46E-01	0.00E+00	4.69E-10	6.06E-10	7.04E-05	1.82E-06	4.61E-02	0.00E+00	3.46E-01	8.44E-10	3.46E-01	3.92E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MBN450	6.79E-05	2.33E-02	5.86E-03	2.53E-02	0.00E+00	0.00E+00	3.66E-01	3.46E-07	3.37E-05	2.01E-04	0.00E+00	6.10E-04	2.79E-09	8.25E-11	3.80E-03	6.34E-05	2.07E-03	8.82E-09	4.29E-05	1.11E-02	2.35E-01	0.00E+00	3.13E-10	4.08E-10	4.73E-05	1.14E-06	3.12E-02	0.00E+00	2.35E-01	5.88E-10	2.35E-01	2.66E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MBN450E	1.22E-04	6.05E-02	9.97E-03	4.29E-02	0.00E+00	0.00E+00	6.16E-01	5.88E-07	5.67E-05	3.61E-04	0.00E+00	1.05E-03	4.73E-09	1.37E-10	6.35E-03	1.18E-04	3.53E-03	1.84E-08	7.59E-05	1.69E-02	4.12E-01	0.00E+00	5.61E-10	7.24E-10	8.41E-05	2.21E-06	5.50E-02	0.00E+00	4.12E-01	9.99E-10	4.12E-01	4.67E-01	5.50E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
MBN450P	1.03E-04	4.72E-02	8.59E-03	3.70E-02	0.00E+00	0.00E+00	5.33E-01	5.07E-07	4.90E-05	3.07E-04	0.00E+00	9.05E-04	4.08E-09	1.19E-10	5.50E-03	9.95E-05	3.04E-03	7.88E-09	6.48E-05	1.50E-02	3.52E-01	0.00E+00	4.77E-10	6.17E-10	7.16E-05	1.84E-06	4.70E-02	0.00E+00	3.52E-01	8.62E-10	3.52E-01	3.99E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
MBN463	1.12E-04	5.39E-02	9.23E-03	3.97E-02	0.00E+00	0.00E+00	5.71E-01	5.45E-07	5.26E-05	3.32E-04	0.00E+00	9.74E-04	4.38E-09	1.27E-10	5.89E-03	1.08E-04	3.27E-03	1.37E-08	7.00E-05	1.58E-02	3.80E-01	0.00E+00	5.16E-10	6.67E-10	7.75E-05	2.02E-06	5.07E-02	0.00E+00	3.80E-01	9.25E-10	3.80E-01	4.31E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-03
MBN463E	1.45E-04	7.63E-02	1.18E-02	5.05E-02	0.00E+00	0.00E+00	7.25E-01	6.94E-07	6.67E-05	4.30E-04	0.00E+00	1.25E-03	5.57E-09	1.61E-10	7.46E-03	1.42E-04	4.16E-03	2.97E-08	9.02E-05	1.94E-02	4.88E-01	0.00E+00	6.68E-10	8.60E-10	1.00E-04	2.67E-06	6.53E-02	0.00E+00	4.88E-01	1.18E-09	4.88E-01	5.54E-01	6.53E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
MBN463P	1.04E-04	4.77E-02	8.66E-03	3.73E-02	0.00E+00	0.00E+00	5.37E-01	5.11E-07	4.94E-05	3.09E-04	0.00E+00	9.11E-04	4.11E-09	1.20E-10	5.54E-03	1.00E-04	3.06E-03	8.10E-09	6.53E-05	1.51E-02	3.55E-01	0.00E+00	4.80E-10	6.21E-10	7.22E-05	1.86E-06	4.73E-02	0.00E+00	3.55E-01	8.68E-10	3.55E-01	4.02E-01	4.73E-02	0.00E+00	0.00E+00	0.00E+00	2.80E-03
MBN506	6.01E-05	3.24E-02	4.86E-03	2.09E-02	0.00E+00	0.00E+00	2.99E-01	2.87E-07	2.75E-05	1.79E-04	0.00E+00	5.16E-04	2.30E-09	6.64E-11	3.08E-03	5.91E-05	1.72E-03	1.36E-08	3.74E-05	7.93E-03	2.02E-01	0.00E+00	2.77E-10	3.57E-10	4.15E-05	1.11E-06	2.71E-02	0.00E+00	2.02E-01	4.87E-10	2.02E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03
MBN506E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN510	5.64E-05	2.99E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.82E-01	2.70E-07	2.60E-05	1.68E-04	0.00E+00	4.86E-04	2.17E-09	6.26E-11	2.91E-03	5.54E-05	1.62E-03	1.18E-08	3.51E-05	7.53E-03	1.90E-01	0.00E+00	2.60E-10	3.35E-10	3.90E-05	1.04E-06	2.54E-02	0.00E+00	1.90E-01	4.59E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
MBN510E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN513	2.55E-05	9.09E-03	2.19E-03	9.45E-03	0.00E+00	0.00E+00	1.37E-01	1.29E-07	1.26E-05	7.53E-05	0.00E+00	2.28E-04	1.04E-09	3.08E-11	1.42E-03	2.38E-05	7.74E-04	2.68E-09	1.61E-05	4.11E-03	8.78E-02	0.00E+00	1.17E-10	1.53E-10	1.77E-05	4.31E-07	1.17E-02	0.00E+00	8.78E-02	2.19E-10	8.78E-02	9.95E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.78E-04
MBN513E	3.78E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.87E-07	1.81E-05	1.12E-04	0.00E+00	3.32E-04	1.50E-09	4.39E-11	2.03E-03	3.63E-05	1.12E-03	1.94E-09	2.37E-05	5.58E-03	1.29E-01	0.00E+00	1.75E-10	2.26E-10	2.62E-05	6.69E-07	1.72E-02	0.00E+00	1.29E-01	3.17E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MBN516	2.02E-05	5.33E-03	1.79E-03	7.74E-03	0.00E+00	0.00E+00	1.12E-01	1.05E-07	1.04E-05	5.96E-05	0.00E+00	1.85E-04	8.52E-10	2.55E-11	1.17E-03	1.84E-05	6.33E-04	5.56E-09	1.29E-05	3.57E-03	7.05E-02	0.00E+00	9.29E-11	1.22E-10	1.41E-05	3.25E-07	9.37E-03	0.00E+00	7.05E-02	1.79E-10	7.05E-02	7.99E-02	9.37E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-04
MBN516E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN520	2.01E-05	4.16E-03	1.80E-03	7.82E-03	0.00E+00	0.00E+00	1.14E-01	1.07E-07	1.05E-05	5.90E-05	0.00E+00	1.85E-04	8.61E-10	2.59E-11	1.19E-03	1.80E-05	6.39E-04	7.57E-09	1.28E-05	3.72E-03	7.05E-02	0.00E+00	9.21E-11	1.21E-10	1.40E-05	3.12E-07	9.36E-03	0.00E+00	7.05E-02	1.81E-10	7.05E-02	7.98E-02	9.36E-03	0.00E+00	0.00E+00	0.00E+00	5.28E-04
MBN520E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN525	3.45E-05	1.41E-02	2.92E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.72E-07	1.67E-05	1.02E-04	0.00E+00	3.06E-04	1.39E-09	4.07E-11	1.88E-03	3.28E-05	1.03E-03	4.04E-10	2.17E-05	5.29E-03	1.18E-01	0.00E+00	1.59E-10	2.07E-10	2.40E-05	6.00E-07	1.58E-02	0.00E+00	1.18E-01	2.93E-10	1.18E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.23E-04
MBN525E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN532	2.06E-05	2.88E-03	1.89E-03	8.19E-03	0.00E+00	0.00E+00	1.20E-01	1.11E-07	1.10E-05	6.04E-05	0.00E+00	1.93E-04	9.02E-10	2.73E-11	1.25E-03	1.81E-05	6.69E-04	1.03E-08	1.32E-05	4.04E-03	7.28E-02	0.00E+00	9.44E-11	1.25E-10	1.44E-05	3.08E-07	9.66E-03	0.00E+00	7.28E-02	1.90E-10	7.28E-02	8.25E-02	9.66E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04
MBN532E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN540	5.69E-05	2.82E-02	4.67E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.65E-05	1.69E-04	0.00E+00	4.93E-04	2.21E-09	6.42E-11	2.97E-03	5.53E-05	1.65E-03	8.45E-09	3.55E-05	7.90E-03	1.93E-01	0.00E+00	2.62E-10	3.39E-10	3.94E-05	1.03E-06	2.57E-02	0.00E+00	1.93E-01	4.68E-10	1.93E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
MBN540E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN550	2.89E-05	8.63E-03	2.53E-03	1.09E-02	0.00E+00	0.00E+00	1.59E-01	1.49E-07	1.46E-05	8.53E-05	0.00E+00	2.62E-04	1.20E-09	3.59E-11	1.65E-03	2.66E-05	8.96E-04	6.12E-09	1.83E-05	4.94E-03	1.00E-01	0.00E+00	1.33E-10	1.74E-10	2.02E-05	4.74E-07	1.34E-02	0.00E+00	1.00E-01	2.54E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.66E-04
MBN550E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN563	5.49E-05	2.63E-02	4.53E-03	1.95E-02	0.00E+00	0.00E+00	2.81E-01	2.67E-07	2.58E-05	1.63E-04	0.00E+00	4.78E-04	2.15E-09	6.26E-11	2.89E-03	5.32E-05	1.60E-03	6.40E-09	3.43E-05	7.78E-03	1.86E-01	0.00E+00	2.53E-10	3.27E-10	3.80E-05	9.89E-07	2.49E-02	0.00E+00	1.86E-01	4.54E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MBN563E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN606	1.22E-04	6.63E-02	9.89E-03	4.25E-02	0.00E+00	0.00E+00	6.09E-01	5.84E-07	5.60E-05	3.64E-04	0.00E+00	1.05E-03	4.69E-09	1.35E-10	6.27E-03	1.21E-04	3.50E-03	2.82E-08	7.62E-05	1.61E-02	4.12E-01	0.00E+00	5.65E-10	7.27E-10	8.45E-05	2.27E-06	5.51E-02	0.00E+00	4.12E-01	9.91E-10	4.12E-01	4.67E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
MBN606E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN610	1.27E-04	6.93E-02	1.02E-02	4.40E-02	0.00E+00	0.00E+00	6.30E-01	6.04E-07	5.79E-05	3.77E-04	0.00E+00	1.09E-03	4.85E-09	1.40E-10	6.48E-03	1.25E-04	3.62E-03	3.04E-08	7.89E-05	1.66E-02	4.27E-01	0.00E+00	5.85E-10	7.53E-10	8.76E-05	2.36E-06	5.71E-02	0.00E+00	4.27E-01	1.02E-09	4.27E-01	4.84E-01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
MBN610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN613	9.07E-05	4.39E-02	7.48E-03	3.22E-02	0.00E+00	0.00E+00	4.63E-01	4.41E-07	4.26E-05	2.70E-04	0.00E+00	7.89E-04	3.55E-09	1.03E-10	4.77E-03	8.80E-05	2.65E-03	1.14E-08	5.67E-05	1.28E-02	3.08E-01	0.00E+00	4.19E-10	5.41E-10	6.28E-05	1.64E-06	4.11E-02	0.00E+00	3.08E-01	7.50E-10	3.08E-01	3.49E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
MBN613E	7.91E-05	3.59E-02	6.58E-03	2.84E-02	0.00E+00	0.00E+00	4.08E-01	3.88E-07	3.76E-05	2.35E-04	0.00E+00	6.92E-04	3.12E-09	9.12E-11	4.21E-03	7.61E-05	2.33E-03	5.69E-09	4.96E-05	1.15E-02	2.69E-01	0.00E+00	3.65E-10	4.72E-10	5.48E-05	1.41E-06	3.59E-02	0.00E+00	2.69E-01	6.60E-10	2.69E-01	3.05E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
MBN616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN620	3.60E-05	5.80E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.08E-01	1.94E-07	1.92E-05	1.06E-04	0.00E+00	3.36E-04	1.57E-09	4.74E-11	2.17E-03	3.18E-05	1.16E-03	1.66E-08	2.31E-05	6.95E-03	1.27E-01	0.00E+00	1.65E-10	2.18E-10	2.52E-05	5.46E-07	1.69E-02	0.00E+00	1.27E-01	3.30E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.44E-04
MBN620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN625	3.17E-05	2.14E-03	2.97E-03	1.29E-02	0.00E+00	0.00E+00	1.89E-01	1.75E-07	1.75E-05	9.28E-05	0.00E+00	3.02E-04	1.42E-09	4.34E-11	1.98E-03	2.73E-05	1.05E-03	2.00E-08	2.05E-05	6.60E-03	1.13E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.54E-07	1.50E-02	0.00E+00	1.13E-01	2.99E-10	1.13E-01	1.28E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.25E-04
MBN625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN632	1.07E-04	5.22E-02	8.85E-03	3.81E-02	0.00E+00	0.00E+00	5.48E-01	5.22E-07	5.04E-05	3.19E-04	0.00E+00	9.34E-04	4.20E-09	1.22E-10	5.65E-03	1.04E-04	3.13E-03	1.39E-08	6.72E-05	1.51E-02	3.65E-01	0.00E+00	4.96E-10	6.40E-10	7.44E-05	1.94E-06	4.87E-02	0.00E+00	3.65E-01	8.87E-10	3.65E-01	4.13E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
MBN632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN640	1.13E-04	5.60E-02	9.29E-03	4.00E-02	0.00E+00	0.00E+00	5.75E-01	5.49E-07	5.29E-05	3.36E-04	0.00E+00	9.82E-04	4.41E-09	1.28E-10	5.92E-03	1.10E-04	3.29E-03	1.64E-08	7.07E-05	1.58E-02	3.84E-01	0.00E+00	5.22E-10	6.74E-10	7.83E-05	2.05E-06	5.12E-02	0.00E+00	3.84E-01	9.32E-10	3.84E-01	4.35E-01	5.12E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
MBN640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN650	1.04E-04	4.90E-02	8.64E-03	3.72E-02	0.00E+00	0.00E+00	5.35E-01	5.10E-07	4.93E-05	3.10E-04	0.00E+00	9.11E-04	4.10E-09	1.19E-10	5.52E-03	1.01E-04	3.06E-03	1.04E-08	6.53E-05	1.49E-02	3.55E-01	0.00E+00	4.81E-10	6.22E-10	7.23E-05	1.87E-06	4.74E-02	0.00E+00	3.55E-01	8.66E-10	3.55E-01	4.02E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	2.80E-03
MBN650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN663	5.48E-05	1.50E-02	4.82E-03	2.09E-02	0.00E+00	0.00E+00	3.03E-01	2.85E-07	2.79E-05	1.61E-04	0.00E+00	4.99E-04	2.30E-09	6.86E-11	3.15E-03	5.01E-05	1.71E-03	1.40E-08	3.48E-05	9.57E-03	1.91E-01	0.00E+00	2.52E-10	3.30E-10	3.82E-05	8.85E-07	2.54E-02	0.00E+00	1.91E-01	4.84E-10	1.91E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MBN663E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS006C	4.65E-05	2.79E-02	3.69E-03	1.58E-02	0.00E+00	0.00E+00	2.26E-01	2.18E-07	2.08E-05	1.39E-04	0.00E+00	3.95E-04	1.75E-09	4.99E-11	2.32E-03	4.66E-05	1.31E-03	1.56E-08	2.89E-05	5.70E-03	1.56E-01	0.00E+00	2.15E-10	2.76E-10	3.21E-05	8.88E-07	2.08E-02	0.00E+00	1.56E-01	3.70E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MBS010C	4.00E-05	2.34E-02	3.19E-03	1.37E-02	0.00E+00	0.00E+00	1.96E-01	1.88E-07	1.80E-05	1.19E-04	0.00E+00	3.40E-04	1.51E-09	4.32E-11	2.01E-03	3.99E-05	1.13E-03	1.24E-08	2.48E-05	4.98E-03	1.34E-01	0.00E+00	1.85E-10	2.37E-10	2.76E-05	7.59E-07	1.79E-02	0.00E+00	1.34E-01	3.19E-10	1.34E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MBS013C	2.12E-05	1.03E-02	1.75E-03	7.54E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.97E-06	6.31E-05	0.00E+00	1.85E-04	8.31E-10	2.42E-11	1.12E-03	2.06E-05	6.20E-04	2.65E-09	1.33E-05	3.00E-03	7.21E-02	0.00E+00	9.80E-11	1.27E-10	1.47E-05	3.83E-07	9.63E-03	0.00E+00	7.21E-02	1.76E-10	7.21E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MBS016C	2.11E-05	1.02E-02	1.74E-03	7.49E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.90E-06	6.26E-05	0.00E+00	1.84E-04	8.25E-10	2.40E-11	1.11E-03	2.04E-05	6.15E-04	2.57E-09	1.32E-05	2.98E-03	7.16E-02	0.00E+00	9.73E-11	1.26E-10	1.46E-05	3.80E-07	9.56E-03	0.00E+00	7.16E-02	1.74E-10	7.16E-02	8.11E-02	9.56E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04
MBS106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS120	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS120W	1.17E-05	3.16E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.48E-02	6.08E-08	5.97E-06	3.45E-05	0.00E+00	1.07E-04	4.91E-10	1.47E-11	6.73E-04	1.07E-05	3.65E-04	3.06E-09	7.43E-06	2.05E-03	4.07E-02	0.00E+00	5.37E-11	7.04E-11	8.15E-06	1.89E-07	5.41E-03	0.00E+00	4.07E-02	1.03E-10	4.07E-02	4.61E-02	5.41E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MBS125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS150	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS163	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS206C	8.02E-05	4.71E-02	6.39E-03	2.74E-02	0.00E+00	0.00E+00	3.92E-01	3.77E-07	3.60E-05	2.39E-04	0.00E+00	6.82E-04	3.03E-09	8.66E-11	4.03E-03	8.00E-05	2.26E-03	2.51E-08	4.98E-05	9.98E-03	2.69E-01	0.00E+00	3.71E-10	4.76E-10	5.54E-05	1.52E-06	3.60E-02	0.00E+00	2.69E-01	6.40E-10	2.69E-01	3.05E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
MBS206E	3.54E-04	2.36E-01	2.74E-02	1.17E-01	0.00E+00	0.00E+00	1.67E+00	1.62E-06	1.53E-04	1.06E-03	0.00E+00	2.95E-03	1.29E-08	3.66E-10	1.71E-02	3.60E-04	9.69E-03	1.62E-07	2.18E-04	3.95E-02	1.17E+00	0.00E+00	1.64E-09	2.09E-09	2.43E-04	6.96E-06	1.57E-01	0.00E+00	1.17E+00	2.74E-09	1.17E+00	1.33E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	9.65E-03
MBS210C	8.23E-05	4.85E-02	6.55E-03	2.81E-02	0.00E+00	0.00E+00	4.02E-01	3.87E-07	3.69E-05	2.45E-04	0.00E+00	6.99E-04	3.10E-09	8.87E-11	4.13E-03	8.21E-05	2.32E-03	2.61E-08	5.11E-05	1.02E-02	2.76E-01	0.00E+00	3.81E-10	4.88E-10	5.68E-05	1.56E-06	3.69E-02	0.00E+00	2.76E-01	6.56E-10	2.76E-01	3.13E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
MBS210E	1.00E-04	6.06E-02	7.92E-03	3.40E-02	0.00E+00	0.00E+00	4.85E-01	4.67E-07	4.46E-05	2.99E-04	0.00E+00	8.47E-04	3.75E-09	1.07E-10	4.98E-03	1.00E-04	2.80E-03	3.47E-08	6.20E-05	1.21E-02	3.34E-01	0.00E+00	4.63E-10	5.92E-10	6.90E-05	1.92E-06	4.48E-02	0.00E+00	3.34E-01	7.93E-10	3.34E-01	3.79E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MBS213C	4.96E-05	2.55E-02	4.05E-03	1.74E-02	0.00E+00	0.00E+00	2.50E-01	2.39E-07	2.30E-05	1.48E-04	0.00E+00	4.29E-04	1.92E-09	5.55E-11	2.57E-03	4.85E-05	1.43E-03	8.93E-09	3.10E-05	6.75E-03	1.68E-01	0.00E+00	2.29E-10	2.95E-10	3.43E-05	9.09E-07	2.24E-02	0.00E+00	1.68E-01	4.06E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MBS216C	5.23E-05	2.74E-02	4.26E-03	1.83E-02	0.00E+00	0.00E+00	2.63E-01	2.51E-07	2.42E-05	1.56E-04	0.00E+00	4.51E-04	2.02E-09	5.84E-11	2.71E-03	5.13E-05	1.51E-03	1.03E-08	3.26E-05	7.05E-03	1.77E-01	0.00E+00	2.42E-10	3.11E-10	3.62E-05	9.63E-07	2.36E-02	0.00E+00	1.77E-01	4.27E-10	1.77E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MBS216E	2.11E-05	5.41E-03	1.87E-03	8.09E-03	0.00E+00	0.00E+00	1.18E-01	1.10E-07	1.08E-05	6.21E-05	0.00E+00	1.93E-04	8.91E-10	2.66E-11	1.22E-03	1.92E-05	6.62E-04	6.08E-09	1.34E-05	3.75E-03	7.36E-02	0.00E+00	9.69E-11	1.27E-10	1.47E-05	3.38E-07	9.79E-03	0.00E+00	7.36E-02	1.88E-10	7.36E-02	8.34E-02	9.79E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
MBS220E	1.84E-05	3.51E-03	1.66E-03	7.22E-03	0.00E+00	0.00E+00	1.05E-01	9.83E-08	9.70E-06	5.42E-05	0.00E+00	1.71E-04	7.95E-10	2.39E-11	1.10E-03	1.64E-05	5.90E-04	7.50E-09	1.18E-05	3.47E-03	6.48E-02	0.00E+00	8.46E-11	1.11E-10	1.29E-05	2.84E-07	8.60E-03	0.00E+00	6.48E-02	1.67E-10	6.48E-02	7.34E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-04
MBS225E	1.24E-05	1.42E-03	1.22E-03	5.33E-03	0.00E+00	0.00E+00	7.87E-02	7.21E-08	7.26E-06	3.60E-05	0.00E+00	1.22E-04	5.86E-10	1.82E-11	8.25E-04	1.00E-05	4.33E-04	1.19E-08	8.09E-06	2.94E-03	4.52E-02	0.00E+00	5.65E-11	7.60E-11	8.75E-06	1.57E-07	5.96E-03	0.00E+00	4.52E-02	1.23E-10	4.52E-02	5.11E-02	5.96E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MBS232E	8.16E-05	4.53E-02	6.57E-03	2.82E-02	0.00E+00	0.00E+00	4.04E-01	3.88E-07	3.72E-05	2.43E-04	0.00E+00	6.99E-04	3.11E-09	8.95E-11	4.16E-03	8.07E-05	2.32E-03	2.09E-08	5.08E-05	1.06E-02	2.75E-01	0.00E+00	3.77E-10	4.85E-10	5.64E-05	1.53E-06	3.67E-02	0.00E+00	2.75E-01	6.58E-10	2.75E-01	3.11E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MBS263E	5.53E-05	2.68E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.69E-07	2.59E-05	1.64E-04	0.00E+00	4.81E-04	2.16E-09	6.28E-11	2.91E-03	5.37E-05	1.61E-03	7.10E-09	3.46E-05	7.78E-03	1.88E-01	0.00E+00	2.55E-10	3.29E-10	3.83E-05	9.99E-07	2.51E-02	0.00E+00	1.88E-01	4.57E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS306	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS310C	1.19E-04	6.97E-02	9.48E-03	4.07E-02	0.00E+00	0.00E+00	5.82E-01	5.59E-07	5.35E-05	3.55E-04	0.00E+00	1.01E-03	4.49E-09	1.29E-10	5.98E-03	1.19E-04	3.35E-03	3.69E-08	7.39E-05	1.48E-02	3.99E-01	0.00E+00	5.50E-10	7.05E-10	8.21E-05	2.26E-06	5.34E-02	0.00E+00	3.99E-01	9.50E-10	3.99E-01	4.52E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
MBS313	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS313C	8.28E-05	4.41E-02	6.72E-03	2.89E-02	0.00E+00	0.00E+00	4.14E-01	3.96E-07	3.81E-05	2.46E-04	0.00E+00	7.13E-04	3.18E-09	9.19E-11	4.26E-03	8.14E-05	2.38E-03	1.77E-08	5.16E-05	1.10E-02	2.79E-01	0.00E+00	3.83E-10	4.92E-10	5.73E-05	1.53E-06	3.74E-02	0.00E+00	2.79E-01	6.73E-10	2.79E-01	3.17E-01	3.74E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
MBS316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MBS316C	7.14E-05	3.63E-02	5.84E-03	2.51E-02	0.00E+00	0.00E+00	3.61E-01	3.44E-07	3.32E-05	2.12E-04	0.00E+00	6.18E-04	2.77E-09	8.02E-11	3.71E-03	6.97E-05	2.07E-03	1.21E-08	4.46E-05	9.78E-03	2.42E-01	0.00E+00	3.30E-10	4.25E-10	4.94E-05	1.30E-06	3.23E-02	0.00E+00	2.42E-01	5.85E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03

MBS320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS320W	2.84E-05	4.98E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.63E-01	1.52E-07	1.51E-05	8.35E-05	0.00E+00	2.64E-04	1.23E-09	3.72E-11	1.70E-03	2.52E-05	9.14E-04	1.24E-08	1.82E-05
MBS325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS363	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05
MBS506	4.66E-05	2.34E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.36E-01	2.25E-07	2.17E-05	1.39E-04	0.00E+00	4.04E-04	1.81E-09	5.25E-11	2.43E-03	4.54E-05	1.35E-03	7.46E-09	2.91E-05
MBS506E	8.74E-05	5.20E-02	6.94E-03	2.98E-02	0.00E+00	0.00E+00	4.25E-01	4.10E-07	3.91E-05	2.61E-04	0.00E+00	7.41E-04	3.28E-09	9.39E-11	4.37E-03	8.73E-05	2.46E-03	2.85E-08	5.42E-05
MBS510	1.77E-05	3.35E-03	1.60E-03	6.95E-03	0.00E+00	0.00E+00	1.01E-01	9.47E-08	9.35E-06	5.21E-05	0.00E+00	1.65E-04	7.65E-10	2.31E-11	1.06E-03	1.58E-05	5.68E-04	7.29E-09	1.13E-05
MBS510E	9.68E-05	5.85E-02	7.66E-03	3.29E-02	0.00E+00	0.00E+00	4.69E-01	4.52E-07	4.31E-05	2.89E-04	0.00E+00	8.19E-04	3.62E-09	1.04E-10	4.82E-03	9.69E-05	2.71E-03	3.33E-08	6.00E-05
MBS513	5.38E-05	2.83E-02	4.37E-03	1.88E-02	0.00E+00	0.00E+00	2.69E-01	2.58E-07	2.48E-05	1.60E-04	0.00E+00	4.63E-04	2.07E-09	5.98E-11	2.77E-03	5.28E-05	1.55E-03	1.10E-08	3.35E-05
MBS516	3.91E-05	1.82E-02	3.24E-03	1.40E-02	0.00E+00	0.00E+00	2.01E-01	1.91E-07	1.85E-05	1.16E-04	0.00E+00	3.41E-04	1.54E-09	4.48E-11	2.07E-03	3.77E-05	1.15E-03	3.54E-09	2.45E-05
MBS516E	8.97E-08	8.90E-03	2.48E-04	1.16E-03	0.00E+00	0.00E+00	1.91E-02	1.48E-08	1.79E-06	6.98E-07	0.00E+00	1.82E-05	1.26E-10	5.08E-12	2.14E-04	2.28E-06	8.94E-05	1.62E-08	4.75E-07
MBS520	2.02E-05	4.60E-03	1.80E-03	7.82E-03	0.00E+00	0.00E+00	1.14E-01	1.07E-07	1.05E-05	5.94E-05	0.00E+00	1.86E-04	8.61E-10	2.58E-11	1.18E-03	1.82E-05	6.39E-04	6.86E-09	1.29E-05
MBS520E	2.48E-05	7.85E-03	2.16E-03	9.32E-03	0.00E+00	0.00E+00	1.35E-01	1.27E-07	1.24E-05	7.32E-05	0.00E+00	2.24E-04	1.03E-09	3.05E-11	1.40E-03	2.29E-05	7.64E-04	4.44E-09	1.57E-05
MBS525	6.86E-05	3.77E-02	5.53E-03	2.38E-02	0.00E+00	0.00E+00	3.41E-01	3.27E-07	3.13E-05	2.04E-04	0.00E+00	5.88E-04	2.62E-09	7.55E-11	3.50E-03	6.77E-05	1.96E-03	1.68E-08	4.27E-05
MBS525E	6.98E-05	3.85E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.46E-01	3.32E-07	3.18E-05	2.08E-04	0.00E+00	5.98E-04	2.66E-09	7.67E-11	3.56E-03	6.89E-05	1.99E-03	1.74E-08	4.34E-05
MBS532	7.44E-05	4.04E-02	6.02E-03	2.59E-02	0.00E+00	0.00E+00	3.70E-01	3.55E-07	3.41E-05	2.22E-04	0.00E+00	6.39E-04	2.85E-09	8.21E-11	3.81E-03	7.33E-05	2.13E-03	1.74E-08	4.63E-05
MBS532E	1.69E-05	2.14E-04	1.61E-03	7.02E-03	0.00E+00	0.00E+00	1.03E-01	9.52E-08	9.51E-06	4.95E-05	0.00E+00	1.63E-04	7.72E-10	2.37E-11	1.08E-03	1.43E-05	5.72E-04	1.24E-08	1.10E-05
MBS540E	6.87E-05	3.63E-02	5.58E-03	2.40E-02	0.00E+00	0.00E+00	3.44E-01	3.29E-07	3.16E-05	2.04E-04	0.00E+00	5.92E-04	2.64E-09	7.64E-11	3.54E-03	6.75E-05	1.97E-03	1.42E-08	4.28E-05
MBS550E	2.24E-05	3.92E-03	2.03E-03	8.80E-03	0.00E+00	0.00E+00	1.28E-01	1.20E-07	1.18E-05	6.57E-05	0.00E+00	2.08E-04	9.69E-10	2.93E-11	1.34E-03	1.99E-05	7.19E-04	9.74E-09	1.43E-05
MBS563E	6.51E-05	3.32E-02	5.32E-03	2.29E-02	0.00E+00	0.00E+00	3.29E-01	3.14E-07	3.02E-05	1.94E-04	0.00E+00	5.63E-04	2.52E-09	7.31E-11	3.39E-03	6.36E-05	1.88E-03	1.11E-08	4.07E-05
MBS606	2.05E-04	1.25E-01	1.62E-02	6.95E-02	0.00E+00	0.00E+00	9.92E-01	9.56E-07	9.12E-05	6.12E-04	0.00E+00	1.73E-03	7.66E-09	2.19E-10	1.02E-02	2.06E-04	5.73E-03	7.21E-08	1.27E-04
MBS606E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS610	1.90E-04	1.14E-01	1.51E-02	6.47E-02	0.00E+00	0.00E+00	9.23E-01	8.89E-07	8.49E-05	5.67E-04	0.00E+00	1.61E-03	7.13E-09	2.04E-10	9.48E-03	1.90E-04	5.33E-03	6.45E-08	1.18E-04
MBS610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS613	1.09E-04	5.80E-02	8.88E-03	3.82E-02	0.00E+00	0.00E+00	5.47E-01	5.24E-07	5.04E-05	3.26E-04	0.00E+00	9.42E-04	4.21E-09	1.22E-10	5.64E-03	1.07E-04	3.14E-03	2.29E-08	6.82E-05
MBS616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS620	2.46E-04	1.53E-01	1.94E-02	8.30E-02	0.00E+00	0.00E+00	1.18E+00	1.14E-06	1.09E-04	7.34E-04	0.00E+00	2.07E-03	9.16E-09	2.61E-10	1.21E-02	2.47E-04	6.85E-03	9.21E-08	1.52E-04
MBS620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS625	3.66E-05	5.18E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.96E-05	1.07E-04	0.00E+00	3.43E-04	1.60E-09	4.85E-11	2.22E-03	3.22E-05	1.19E-03	1.82E-08	2.35E-05
MBS625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS632	1.60E-04	6.97E-02	1.31E-02	5.66E-02	0.00E+00	0.00E+00	8.15E-01	7.75E-07	7.50E-05	4.66E-04	0.00E+00	1.38E-03	6.23E-09	1.82E-10	8.42E-03	1.51E-04	4.65E-03	0.00E+00	9.82E-05
MBS632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS640	1.54E-04	6.71E-02	1.26E-02	5.45E-02	0.00E+00	0.00E+00	7.84E-01	7.46E-07	7.22E-05	4.49E-04	0.00E+00	1.33E-03	6.00E-09	1.75E-10	8.10E-03	1.45E-04	4.48E-03	0.00E+00	9.45E-05
MBS640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MBS663E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05
MC100A	2.45E-05	1.13E-02	2.04E-03	8.77E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.28E-05	0.00E+00	2.14E-04	9.67E-10	2.82E-11	1.30E-03	2.36E-05	7.21E-04	2.06E-09	1.54E-05
MC101A	2.85E-05	1.40E-02	2.34E-03	1.01E-02	0.00E+00	0.00E+00	1.45E-01	1.38E-07	1.33E-05	8.47E-05	0.00E+00	2.48E-04	1.11E-09	3.23E-11	1.49E-03	2.77E-05	8.30E-04	4.01E-09	1.78E-05
MC102A	2.94E-05	1.47E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.43E-07	1.37E-05	8.75E-05	0.00E+00	2.55E-04	1.15E-09	3.32E-11	1.54E-03	2.87E-05	8.55E-04	4.47E-09	1.84E-05
MC103A	2.62E-05	1.25E-02	2.17E-03	9.34E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.24E-05	7.79E-05	0.00E+00	2.29E-04	1.03E-09	2.99E-11	1.39E-03	2.54E-05	7.67E-04	2.90E-09	1.64E-05
MC104A	2.58E-05	1.22E-02	2.13E-03	9.19E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.65E-05	0.00E+00	2.25E-04	1.01E-09	2.95E-11	1.36E-03	2.49E-05	7.55E-04	2.67E-09	1.61E-05
MC106A	4.48E-05	2.63E-02	3.57E-03	1.53E-02	0.00E+00	0.00E+00	2.19E-01	2.10E-07	2.01E-05	1.34E-04	0.00E+00	3.81E-04	1.69E-09	4.83E-11	2.25E-03	4.46E-05	1.26E-03	1.40E-08	2.78E-05
MC106P	2.62E-05	1.28E-02	2.16E-03	9.29E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.79E-05	0.00E+00	2.28E-04	1.02E-09	2.97E-11	1.38E-03	2.55E-05	7.64E-04	3.48E-09	1.64E-05
MC110A	4.88E-05	2.95E-02	3.87E-03	1.66E-02	0.00E+00	0.00E+00	2.37E-01	2.28E-07	2.18E-05	1.46E-04	0.00E+00	4.13E-04	1.83E-09	5.22E-11	2.43E-03	4.89E-05	1.37E-03	1.69E-08	3.03E-05
MC110P	2.79E-05	1.49E-02	2.27E-03	9.74E-03	0.00E+00	0.00E+00	1.40E-01	1.34E-07	1.28E-05	8.32E-05	0.00E+00	2.40E-04	1.07E-09	3.10E-11	1.44E-03	2.75E-05	8.02E-04	6.00E-09	1.74E-05
MC113A	3.28E-05	1.78E-02	2.65E-03	1.14E-02	0.00E+00	0.00E+00	1.63E-01	1.56E-07	1.50E-05	9.75E-05	0.00E+00	2.81E-04	1.25E-09	3.61E-11	1.68E-03	3.23E-05	9.37E-04	7.68E-09	2.04E-05
MC116A	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05
MC116P	2.71E-05	1.43E-02	2.20E-03	9.47E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	8.07E-05	0.00E+00	2.34E-04	1.04E-09	3.01E-11	1.40E-03	2.66E-05	7.79E-04	5.60E-09	1.69E-05
MC120A	2.13E-05	9.76E-03	1.77E-03	7.63E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.33E-05	0.00E+00	1.87E-04	8.41E-10	2.45E-11	1.13E-03	2.05E-05	6.27E-04	1.67E-09	1.34E-05
MC120P	2.68E-05	1.41E-02	2.18E-03	9.38E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.24E-05	7.98E-05	0.00E+00	2.31E-04	1.03E-09	2.99E-11	1.39E-03	2.63E-05	7.72E-04	5.37E-09	1.67E-05
MC125A	1.20E-05	3.09E-03	1.06E-03	4.58E-03	0.00E+00	0.00E+00	6.66E-02	6.25E-08	6.14E-06	3.52E-05	0.00E+00	1.09E-04	5.05E-10	1.51E-11	6.92E-04	1.09E-05	3.75E-04	3.40E-09	7.61E-06
MC125P	2.45E-05	1.14E-02	2.03E-03	8.75E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.27E-05	0.00E+00	2.14E-04	9.64E-10	2.81E-11	1.30E-03	2.37E-05	7.19E-04	2.31E-09	1.53E-05
MC132A	2.94E-05	1.47E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.75E-05	0.00E+00	2.55E-04	1.14E-09	3.32E-11	1.54E-03	2.87E-05	8.54E-04	4.59E-09	1.84E-05
MC132P	2.70E-05	1.31E-02	2.22E-03	9.57E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.02E-05	0.00E+00	2.35E-04	1.05E-09	3.06E-11	1.42E-03	2.62E-05	7.86E-04	3.52E-09	1.69E-05
MC140A	2.96E-05	1.48E-02	2.43E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.80E-05	0.00E+00	2.57E-04	1.15E-09	3.34E-11	1.54E-03	2.88E-05	8.58E-04	4.67E-09	1.85E-05
MC140P	2.45E-05	1.13E-02	2.03E-03	8.75E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.26E-05	0.00E+00	2.14E-04	9.64E-10	2.81E-11	1.30E-03	2.36E-05	7.19E-04	2.03E-09	1.53E-05
MC150A	6.42E-06	1.66E-03	6.57E-04	2.88E-03	0.00E+00	0.00E+00	4.27E-02	3.89E-08	3.95E-06	1.86E-05	0.00E+00	6.52E-05	3.16E-10	9.95E-12	4.50E-04	4.96E-06	2.34E-04	7.86E-09	4.24E-06
MC150P	2.74E-05	1.30E-02	2.26E-03	9.75E-03	0.00E+00	0.00E+00	1.40E-01	1.34E-07	1.29E-05	8.14E-05	0.00E+00	2.39E-04	1.07E-09	3.13E-11	1.45E-03	2.65E-05	8.02E-04	2.96E-09	1.71E-05
MC163A	2.58E-05	1.13E-02	2.13E-03	9.16E-03	0.00E+00	0.00E+00	1.32E-01	1.25E-07	1.21E-05	7.55E-05	0.00E+00	2.23E-04	1.01E-09	2.95E-11	1.36E-03	2.44E-05	7.53E-04	0.00E+00	1.59E-05
MC163P	2.46E-05	1.10E-02	2.05E-03	8.85E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.30E-05	0.00E+00	2.16E-04	9.75E-10	2.85E-11	1.32E-03	2.36E-05	7.27E-04	1.44E-09	1.54E-05
MC201A	5.54E-05	2.71E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.69E-07	2.60E-05	1.65E-04	0.00E+00	4.82E-04	2.16E-09	6.28E-11	2.91E-03	5.38E-05	1.61E-03	7.40E-09	3.46E-05
MC202A	6.05E-05	3.05E-02	4.95E-03	2.13E-02	0.00E+00	0.00E+00	3.06E-01	2.92E-07	2.81E-05	1.80E-04	0.00E+00	5.24E-04	2.35E-09	6.80E-11	3.15E-03	5.90E-05	1.75E-03	9.87E-09	3.78E-05
MC203A	5.34E-05	2.57E-02	4.40E-03	1.90E-02	0.00E+00	0.00E+00	2.73E-01	2.60E-07	2.51E-05	1.59E-04	0.00E+00	4.65E-04	2.09E-09	6.07E-11	2.81E-03	5.17E-05	1.56E-03	6.40E-09	3.34E-05
MC204A	5.54E-05	2.71E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.69E-07	2.60E-05	1.65E-04	0.00E+00	4.82E-04	2.16E-09	6.28E-11	2.91E-03	5.38E-05	1.61E-03	7.40E-09	3.46E-05
MC206A	9.17E-05	5.41E-02	7.30E-03	3.13E-02	0.00E+00	0.00E+00	4.48E-01	4.31E-07	4.12E-05	2.74E-04	0.00E+00	7.79E-04	3.45E-09	9.89E-11	4.60E-03	9.15E-05	2.58E-03	2.91E-08	5.69E-05
MC206P	5.08E-05	2.45E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.59E-01	2.47E-07	2.39E-05	1.51E-04	0.00E+00	4.42E-04	1.99E-09	5.78E-11	2.68E-03	4.93E-05	1.48E-03	6.17E-09	3.18E-05
MC210A	8.38E-05	4.96E-02	6.66E-03	2.86E-02	0.00E+00	0.00E+00	4.09E-01	3.93E-07	3.76E-05	2.50E-04	0.00E+00	7.11E-04	3.15E-09	9.02E-11	4.20E-03	8.37E-05	2.36E-03	2.69E-08	5.20E-05
MC210P	4.96E-05	2.55E-02	4.05E-03	1.74E-02	0.00E+00	0.00E+00	2.50E-01	2.39E-07	2.30E-05	1.48E-04	0.00E+00	4.29E-04	1.92E-09	5.56E-11	2.58E-03	4.85E-05	1.43E-03	8.86E-09	3.10E-05
MC213A	7.92E-05	4.50E-02	6.34E-03	2.73E-02	0.00E+00	0.00E+00	3.90E-01	3.74E-07	3.58E-05	2.36E-04	0.00E+00	6.76E-04	3.00E-09	8.63E-11	4.01E-03	7.86E-05	2.24E-03	2.21E-08	4.92E-05
MC216A	6.79E-05	3.73E-02	5.48E-03	2.35E-02	0.00E+00	0.00E+00	3.37E-01	3.23E-07	3.10E-05	2.02E-04	0.00E+00	5.82E-04	2.60E-09	7.47E-11	3.47E-03	6.71E-05	1.94E-03	1.66E-08	4.23E-05
MC216P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05
MC220A	1.87E-05	3.90E-03	1.68E-03	7.30E-03	0.00E+00	0.00E+00	1.06E-01	9.95E-08	9.81E-06	5.51E-05	0.00E+00	1.73E-04	8.04E-10	2.42E-11	1.11E-03	1.68E-05	5.97E-04	7.05E-09	1.20E-05
MC220P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05
MC225A	1.83E-05	2.28E-03	1.68E-03	7.31E-03	0.00E+00	0.00E+00	1.07E-01	9.94E-08	9.86E-06	5.36E-05	0.00E+00	1.72E-04	8.05E-10	2.44E-11	1.12E-03	1.60E-05	5.97E-04	9.65E-09	1.17E-05
MC225P	4.80E-05	2.25E-02	3.98E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.35E-07	2.27E-05	1.43E-04	0.00E+00	4.19E-04	1.89E-09	5.50E-11	2.54E-03	4.64E-05	1.41E-03	4.63E-09	3.01E-05
MC232A	5.87E-05	2.95E-02	4.81E-03	2.07E-02	0.00E+00	0.00E+00	2.97E-01	2.84E-07	2.73E-05	1.75E-04	0.00E+00	5.09E-04	2.28E-09	6.61E-11	3.06E-03	5.72E-05	1.70E-03	9.35E-09	3.67E-05
MC232P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05
MC240A	6.04E-05	3.06E-02	4.94E-03	2.12E-02	0.00E+00	0.00E+00	3.05E-01	2.91E-07	2.81E-05	1.80E-04	0.00E+00	5.23E-04	2.34E-09	6.78E-11	3.14E-03	5.89E-05	1.75E-03	1.02E-08	3.77E-05
MC240P	5.23E-05	2.50E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.56E-04	2.05E-09	5.96E-11	2.76E-03	5.06E-05	1.53E-03	5.96E-09	3.27E-05
MC250A	6.49E-05	3.31E-02	5.30E-03	2.28E-02	0.00E+00	0.00E+00	3.28E-01	3.13E-07	3.01E-05	1.93E-04	0.00E+00	5.61E-04	2.52E-09	7.28E-11	3.37E-03	6.34E-05	1.88E-03	1.12E-08	4.05E-05
MC263A	5.52E-05	2.65E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.69E-07	2.60E-05	1.64E-04	0.00E+00	4.81E-04	2.16E-09	6.29E-11	2.91E-03	5.35E-05	1.61E-03	6.48E-09	3.46E-05

MBS320	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS320W	5.42E-03	1.00E-01	0.00E+00	1.30E-10	1.72E-10	1.99E-05	4.34E-07	1.33E-02	0.00E+00	1.00E-01	2.59E-10	1.00E-01	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.46E-04
MBS325	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS332	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS340	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS350	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS363	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS506	6.42E-03	1.58E-01	0.00E+00	2.15E-10	2.77E-10	3.22E-05	8.49E-07	2.11E-02	0.00E+00	1.58E-01	3.82E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MBS506E	1.08E-02	2.93E-01	0.00E+00	4.04E-10	5.18E-10	6.03E-05	1.66E-06	3.91E-02	0.00E+00	2.93E-01	6.95E-10	2.93E-01	3.32E-01	3.91E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
MBS510	3.34E-03	6.24E-02	0.00E+00	8.14E-11	1.07E-10	1.24E-05	2.73E-07	8.29E-03	0.00E+00	6.24E-02	1.61E-10	6.24E-02	7.07E-02	8.29E-03	0.00E+00	0.00E+00	0.00E+00	4.66E-04
MBS510E	1.18E-02	3.24E-01	0.00E+00	4.47E-10	5.73E-10	6.67E-05	1.85E-06	4.33E-02	0.00E+00	3.24E-01	7.67E-10	3.24E-01	3.67E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
MBS513	7.20E-03	1.82E-01	0.00E+00	2.48E-10	3.20E-10	3.72E-05	9.91E-07	2.43E-02	0.00E+00	1.82E-01	4.38E-10	1.82E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MBS516	5.63E-03	1.33E-01	0.00E+00	1.80E-10	2.33E-10	2.71E-05	6.99E-07	1.77E-02	0.00E+00	1.33E-01	3.25E-10	1.33E-01	1.51E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MBS516E	1.45E-03	4.07E-03	0.00E+00	3.40E-13	3.22E-12	2.74E-07	7.88E-08	4.62E-04	0.00E+00	4.07E-03	2.56E-11	4.07E-03	4.53E-03	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05
MBS520	3.68E-03	7.07E-02	0.00E+00	9.28E-11	1.22E-10	1.41E-05	3.18E-07	9.40E-03	0.00E+00	7.07E-02	1.81E-10	7.07E-02	8.01E-02	9.40E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
MBS520E	4.16E-03	8.59E-02	0.00E+00	1.14E-10	1.49E-10	1.73E-05	4.10E-07	1.14E-02	0.00E+00	8.59E-02	2.16E-10	8.59E-02	9.73E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MBS525	8.95E-03	2.31E-01	0.00E+00	3.17E-10	4.08E-10	4.74E-05	1.28E-06	3.09E-02	0.00E+00	2.31E-01	5.54E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MBS525E	9.07E-03	2.35E-01	0.00E+00	3.22E-10	4.14E-10	4.82E-05	1.30E-06	3.14E-02	0.00E+00	2.35E-01	5.63E-10	2.35E-01	2.66E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MBS532	9.78E-03	2.51E-01	0.00E+00	3.44E-10	4.42E-10	5.14E-05	1.38E-06	3.35E-02	0.00E+00	2.51E-01	6.03E-10	2.51E-01	2.84E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MBS532E	3.67E-03	6.09E-02	0.00E+00	7.75E-11	1.03E-10	1.19E-05	2.34E-07	8.05E-03	0.00E+00	6.09E-02	1.62E-10	6.09E-02	6.89E-02	8.05E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04
MBS540E	9.19E-03	2.32E-01	0.00E+00	3.17E-10	4.08E-10	4.75E-05	1.27E-06	3.10E-02	0.00E+00	2.32E-01	5.59E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
MBS550E	4.26E-03	7.88E-02	0.00E+00	1.03E-10	1.35E-10	1.56E-05	3.42E-07	1.05E-02	0.00E+00	7.88E-02	2.04E-10	7.88E-02	8.93E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.87E-04
MBS563E	8.92E-03	2.20E-01	0.00E+00	3.01E-10	3.88E-10	4.51E-05	1.19E-06	2.94E-02	0.00E+00	2.20E-01	5.34E-10	2.20E-01	2.50E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MBS606	2.48E-02	6.85E-01	0.00E+00	9.48E-10	1.21E-09	1.41E-04	3.93E-06	9.17E-02	0.00E+00	6.85E-01	1.62E-09	6.85E-01	7.77E-01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-03
MBS606E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS610	2.32E-02	6.36E-01	0.00E+00	8.79E-10	1.13E-09	1.31E-04	3.63E-06	8.51E-02	0.00E+00	6.36E-01	1.51E-09	6.36E-01	7.21E-01	8.51E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-03
MBS610E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS613	1.46E-02	3.69E-01	0.00E+00	5.05E-10	6.50E-10	7.56E-05	2.02E-06	4.93E-02	0.00E+00	3.69E-01	8.90E-10	3.69E-01	4.19E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	2.95E-03
MBS616	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS616E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS620	2.92E-02	8.21E-01	0.00E+00	1.14E-09	1.46E-09	1.69E-04	4.74E-06	1.10E-01	0.00E+00	8.21E-01	1.94E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.69E-03
MBS620E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS625	7.17E-03	1.29E-01	0.00E+00	1.68E-10	2.22E-10	2.56E-05	5.48E-07	1.72E-02	0.00E+00	1.29E-01	3.37E-10	1.29E-01	1.47E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	9.57E-04
MBS625E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS632	2.32E-02	5.36E-01	0.00E+00	7.25E-10	9.38E-10	1.09E-04	2.78E-06	7.15E-02	0.00E+00	5.36E-01	1.32E-09	5.36E-01	6.08E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-03
MBS632E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS640	2.23E-02	5.16E-01	0.00E+00	6.98E-10	9.03E-10	1.05E-04	2.68E-06	6.89E-02	0.00E+00	5.16E-01	1.27E-09	5.16E-01	5.85E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
MBS640E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS650E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS663E	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MC100A	3.55E-03	8.35E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.38E-07	1.11E-02	0.00E+00	8.35E-02	2.04E-10	8.35E-02	9.46E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MC101A	3.98E-03	9.67E-02	0.00E+00	1.32E-10	1.70E-10	1.97E-05	5.17E-07	1.29E-02	0.00E+00	9.67E-02	2.35E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MC102A	4.08E-03	9.98E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.35E-07	1.33E-02	0.00E+00	9.98E-02	2.42E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
MC103A	3.73E-03	8.91E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.72E-07	1.19E-02	0.00E+00	8.91E-02	2.17E-10	8.91E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
MC104A	3.68E-03	8.76E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.62E-07	1.17E-02	0.00E+00	8.76E-02	2.14E-10	8.76E-02	9.93E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.93E-04
MC106A	5.57E-03	1.50E-01	0.00E+00	2.07E-10	2.65E-10	3.09E-05	8.50E-07	2.01E-02	0.00E+00	1.50E-01	3.57E-10	1.50E-01	1.70E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MC106P	3.68E-03	8.90E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.74E-07	1.19E-02	0.00E+00	8.90E-02	2.16E-10	8.90E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.06E-04
MC110A	5.93E-03	1.63E-01	0.00E+00	2.26E-10	2.89E-10	3.37E-05	9.35E-07	2.19E-02	0.00E+00	1.63E-01	3.87E-10	1.63E-01	1.85E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MC110P	3.72E-03	9.43E-02	0.00E+00	1.29E-10	1.66E-10	1.93E-05	5.17E-07	1.26E-02	0.00E+00	9.43E-02	2.27E-10	9.43E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.55E-04
MC113A	4.30E-03	1.10E-01	0.00E+00	1.51E-10	1.95E-10	2.26E-05	6.09E-07	1.48E-02	0.00E+00	1.10E-01	2.65E-10	1.10E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.86E-04
MC116A	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MC116P	3.63E-03	9.15E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	5.00E-07	1.22E-02	0.00E+00	9.15E-02	2.21E-10	9.15E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.32E-04
MC120A	3.09E-03	7.26E-02	0.00E+00	9.83E-11	1.27E-10	1.48E-05	3.80E-07	9.69E-03	0.00E+00	7.26E-02	1.78E-10	7.26E-02	8.23E-02	9.69E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MC120P	3.60E-03	9.06E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.94E-07	1.21E-02	0.00E+00	9.06E-02	2.19E-10	9.06E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.24E-04
MC125A	2.12E-03	4.17E-02	0.00E+00	5.50E-11	7.21E-11	8.34E-06	1.92E-07	5.55E-03	0.00E+00	4.17E-02	1.06E-10	4.17E-02	4.73E-02	5.55E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MC125P	3.52E-03	8.33E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.38E-07	1.11E-02	0.00E+00	8.33E-02	2.04E-10	8.33E-02	9.45E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MC132A	4.07E-03	9.97E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.36E-07	1.33E-02	0.00E+00	9.97E-02	2.42E-10	9.97E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
MC132P	3.79E-03	9.16E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.88E-07	1.22E-02	0.00E+00	9.16E-02	2.23E-10	9.16E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
MC140A	4.09E-03	1.00E-01	0.00E+00	1.37E-10	1.76E-10	2.05E-05	5.39E-07	1.34E-02	0.00E+00	1.00E-01	2.43E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.97E-04
MC140P	3.54E-03	8.32E-02	0.00E+00	1.13E-10	1.46E-10	1.69E-05	4.36E-07	1.11E-02	0.00E+00	8.32E-02	2.04E-10	8.32E-02	9.44E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-04
MC150A	1.67E-03	2.38E-02	0.00E+00	2.92E-11	3.97E-11	4.56E-06	7.30E-08	3.14E-03	0.00E+00	2.38E-02	6.63E-11	2.38E-02	2.69E-02	3.14E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MC150P	3.90E-03	9.31E-02	0.00E+00	1.26E-10	1.63E-10	1.90E-05	4.92E-07	1.24E-02	0.00E+00	9.31E-02	2.27E-10	9.31E-02	1.06E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
MC163A	3.75E-03	8.68E-02	0.00E+00	1.17E-10	1.52E-10	1.76E-05	4.50E-07	1.16E-02	0.00E+00	8.68E-02	2.13E-10	8.68E-02	9.84E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
MC163P	3.62E-03	8.39E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.36E-07	1.12E-02	0.00E+00	8.39E-02	2.06E-10	8.39E-02	9.51E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.60E-04
MC201A	7.77E-03	1.88E-01	0.00E+00	2.56E-10	3.30E-10	3.84E-05	1.00E-06	2.51E-02	0.00E+00	1.88E-01	4.57E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MC202A	8.32E-03	2.05E-01	0.00E+00	2.79E-10	3.60E-10	4.18E-05	1.10E-06	2.73E-02	0.00E+00	2.05E-01	4.96E-10	2.05E-01	2.32E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
MC203A	7.55E-03	1.81E-01	0.00E+00	2.46E-10	3.18E-10	3.70E-05	9.62E-07	2.42E-02	0.00E+00	1.81E-01	4.41E-10	1.81E-01	2.05E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MC204A	7.77E-03	1.88E-01	0.00E+00	2.56E-10	3.30E-10	3.84E-05	1.00E-06	2.51E-02	0.00E+00	1.88E-01	4.57E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MC206A	1.14E-02	3.07E-01	0.00E+00	4.24E-10	5.44E-10	6.33E-05	1.74E-06	4.11E-02	0.00E+00	3.07E-01	7.31E-10	3.07E-01	3.48E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MC206P	7.18E-03	1.73E-01	0.00E+00	2.35E-10	3.03E-10	3.52E-05	9.16E-07	2.30E-02	0.00E+00	1.73E-01	4.20E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MC210A	1.04E-02	2.81E-01	0.00E+00	3.87E-10	4.97E-10	5.78E-05	1.59E-06	3.76E-02	0.00E+00	2.81E-01	6.67E-10	2.81E-01	3.18E-01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
MC210P	6.76E-03	1.68E-01	0.00E+00	2.29E-10	2.95E-10	3.43E-05	9.09E-07	2.24E-02	0.00E+00	1.68E-01	4.06E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MC213A	1.01E-02	2.66E-01	0.00E+00	3.66E-10	4.70E-10	5.47E-05	1.49E-06	3.56E-02	0.00E+00	2.66E-01	6.35E-10	2.66E-01	3.01E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
MC216A	8.86E-03	2.29E-01	0.00E+00	3.14E-10	4.03E-10	4.69E-05	1.27E-06	3.06E-02	0.00E+00	2.29E-01	5.49E-10	2.29E-01	2.59E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MC216P	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MC220A	3.48E-03	6.58E-02	0.00E+00	8.61E-11	1.13E-10	1.31E-05	2.92E-07	8.74E-03	0.00E+00	6.58E-02	1.69E-10	6.58E-02	7.46E-02	8.74E-03	0.00E+00	0.00E+00	0.00E+00	4.93E-04
MC220P	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MC225A	3.64E-03	6.48E-02	0.00E+00	8.38E-11	1.11E-10	1.28E-05	2.71E-07	8.59E-03	0.00E+00	6.48E-02	1.69E-10	6.48E-02	7.34E-02	8.59E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04
MC225P	6.89E-03	1.63E-01	0.00E+00	2.21E-10	2.86E-10	3.33E-05	8.60E-07	2.18E-02	0.00E+00	1.63E-01	3.99E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MC232A	8.10E-03	1.99E-01	0.00E+00	2.71E-10	3.50E-10	4.06E-05	1.07E-06	2.66E-02	0.00E+00	1.99E-01	4.82E-10	1.99E-01	2.25E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
MC232P	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MC240A	8.28E-03	2.04E-01	0.00E+00	2.79E-10	3.59E-10	4.18E-05	1.10E-06	2.73E-02	0.00E+00	2.04E-01	4.95E-10	2.04E-01	2.32E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
MC240P	7.42E-03	1.78E-01	0.00E+00	2.41E-10	3.12E-10	3.62E-05	9.41E-07	2.37E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MC250A	8.88E-03	2.20E-01	0.00E+00	3.00E-10	3.86E-10	4.49E-05	1.19E-06	2.93E-02	0.00E+00	2.20E-01	5.32E-10	2.20E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
MC263A	7.83E-03	1.88E-01	0.00E+00	2.55E-10	3.29E-10	3.83E-05	9.95E-07	2.51E-02	0.00E+00	1.88E-01	4.57E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03

MC263P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MC301A	8.85E-05	4.43E-02	7.26E-03	3.12E-02	0.00E+00	0.00E+00	4.48E-01	4.28E-07	4.13E-05	2.63E-04	0.00E+00	7.67E-04	3.44E-09	9.98E-11	4.62E-03	8.63E-05	2.57E-03	1.38E-08	5.53E-05	1.22E-02	3.00E-01	0.00E+00	4.09E-10	5.27E-10	6.13E-05	1.61E-06	4.01E-02	0.00E+00	3.00E-01	7.27E-10	3.00E-01	3.40E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
MC302A	8.66E-05	4.30E-02	7.11E-03	3.06E-02	0.00E+00	0.00E+00	4.39E-01	4.19E-07	4.04E-05	2.57E-04	0.00E+00	7.51E-04	3.37E-09	9.78E-11	4.53E-03	8.43E-05	2.52E-03	1.29E-08	5.41E-05	1.20E-02	2.94E-01	0.00E+00	4.00E-10	5.16E-10	5.99E-05	1.57E-06	3.92E-02	0.00E+00	2.94E-01	7.12E-10	2.94E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
MC303A	7.74E-05	3.67E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.96E-01	3.78E-07	3.65E-05	2.30E-04	0.00E+00	6.75E-04	3.04E-09	8.84E-11	4.09E-03	7.49E-05	2.26E-03	8.39E-09	4.84E-05	1.10E-02	2.63E-01	0.00E+00	3.57E-10	4.61E-10	5.36E-05	1.39E-06	3.51E-02	0.00E+00	2.63E-01	6.41E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MC304A	7.49E-05	3.50E-02	6.21E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.22E-04	0.00E+00	6.54E-04	2.95E-09	8.58E-11	3.97E-03	7.23E-05	2.20E-03	7.18E-09	4.69E-05	1.08E-02	2.55E-01	0.00E+00	3.46E-10	4.47E-10	5.19E-05	1.34E-06	3.40E-02	0.00E+00	2.55E-01	6.22E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MC306A	1.35E-04	7.94E-02	1.08E-02	4.62E-02	0.00E+00	0.00E+00	6.60E-01	6.35E-07	6.07E-05	4.03E-04	0.00E+00	1.15E-03	5.09E-09	1.46E-10	6.78E-03	1.35E-04	3.81E-03	4.25E-08	8.39E-05	1.68E-02	4.53E-01	0.00E+00	6.25E-10	8.01E-10	9.32E-05	2.57E-06	6.06E-02	0.00E+00	4.53E-01	1.08E-09	4.53E-01	5.13E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
MC306P	7.55E-05	3.64E-02	6.22E-03	2.68E-02	0.00E+00	0.00E+00	3.85E-01	3.67E-07	3.54E-05	2.24E-04	0.00E+00	6.57E-04	2.95E-09	8.58E-11	3.97E-03	7.32E-05	2.20E-03	9.30E-09	4.72E-05	1.07E-02	2.56E-01	0.00E+00	3.48E-10	4.50E-10	5.23E-05	1.36E-06	3.42E-02	0.00E+00	2.56E-01	6.24E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MC310A	1.45E-04	8.61E-02	1.15E-02	4.94E-02	0.00E+00	0.00E+00	7.05E-01	6.79E-07	6.49E-05	4.32E-04	0.00E+00	1.23E-03	5.45E-09	1.56E-10	7.24E-03	1.45E-04	4.07E-03	4.72E-08	8.98E-05	1.78E-02	4.85E-01	0.00E+00	6.70E-10	8.58E-10	9.99E-05	2.76E-06	6.49E-02	0.00E+00	4.85E-01	1.15E-09	4.85E-01	5.50E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	3.93E-03
MC310P	7.16E-05	3.65E-02	5.85E-03	2.52E-02	0.00E+00	0.00E+00	3.61E-01	3.45E-07	3.32E-05	2.13E-04	0.00E+00	6.19E-04	2.77E-09	8.03E-11	3.72E-03	6.99E-05	2.07E-03	1.23E-08	4.47E-05	9.79E-03	2.42E-01	0.00E+00	3.30E-10	4.26E-10	4.95E-05	1.31E-06	3.23E-02	0.00E+00	2.42E-01	5.86E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MC313A	1.15E-04	6.47E-02	9.20E-03	3.95E-02	0.00E+00	0.00E+00	5.65E-01	5.43E-07	5.20E-05	3.42E-04	0.00E+00	9.80E-04	4.36E-09	1.25E-10	5.81E-03	1.14E-04	3.25E-03	3.12E-08	7.13E-05	1.47E-02	3.85E-01	0.00E+00	5.30E-10	6.80E-10	7.92E-05	2.15E-06	5.15E-02	0.00E+00	3.85E-01	9.22E-10	3.85E-01	4.37E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
MC316A	3.40E-05	1.05E-02	2.96E-03	1.28E-02	0.00E+00	0.00E+00	1.86E-01	1.75E-07	1.71E-05	1.00E-04	0.00E+00	3.07E-04	1.41E-09	4.20E-11	1.93E-03	3.14E-05	1.05E-03	6.49E-09	2.15E-05	5.75E-03	1.18E-01	0.00E+00	1.56E-10	2.04E-10	2.37E-05	5.61E-07	1.57E-02	0.00E+00	1.18E-01	2.97E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.02E-04
MC316P	6.87E-05	3.46E-02	5.63E-03	2.42E-02	0.00E+00	0.00E+00	3.48E-01	3.32E-07	3.20E-05	2.04E-04	0.00E+00	5.96E-04	2.67E-09	7.74E-11	3.59E-03	6.70E-05	1.99E-03	1.10E-08	4.29E-05	9.48E-03	2.33E-01	0.00E+00	3.17E-10	4.09E-10	4.76E-05	1.25E-06	3.11E-02	0.00E+00	2.33E-01	5.64E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
MC320A	6.57E-05	3.07E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.95E-04	0.00E+00	5.74E-04	2.59E-09	7.54E-11	3.49E-03	6.35E-05	1.93E-03	6.15E-09	4.12E-05	9.45E-03	2.24E-01	0.00E+00	3.03E-10	3.92E-10	4.55E-05	1.18E-06	2.98E-02	0.00E+00	2.24E-01	5.46E-10	2.24E-01	2.53E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MC325A	4.71E-06	1.24E-02	7.82E-04	3.51E-03	0.00E+00	0.00E+00	5.47E-02	4.64E-08	5.08E-06	1.24E-05	0.00E+00	6.96E-05	3.85E-10	1.35E-11	5.92E-04	6.78E-07	2.80E-04	2.61E-08	3.63E-06	3.03E-03	2.22E-02	0.00E+00	2.05E-11	3.25E-11	3.61E-06	4.70E-08	2.83E-03	0.00E+00	2.22E-02	7.96E-11	2.22E-02	2.50E-02	2.83E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-05
MC325P	7.99E-05	3.88E-02	6.58E-03	2.83E-02	0.00E+00	0.00E+00	4.07E-01	3.89E-07	3.75E-05	2.37E-04	0.00E+00	6.95E-04	3.12E-09	9.08E-11	4.20E-03	7.75E-05	2.33E-03	1.02E-08	5.00E-05	1.12E-02	2.71E-01	0.00E+00	3.69E-10	4.76E-10	5.53E-05	1.44E-06	3.62E-02	0.00E+00	2.71E-01	6.60E-10	2.71E-01	3.07E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
MC332A	2.10E-05	2.86E-03	2.08E-03	9.07E-03	0.00E+00	0.00E+00	1.34E-01	1.23E-07	1.24E-05	6.09E-05	0.00E+00	2.08E-04	9.98E-10	3.11E-11	1.41E-03	1.69E-05	7.38E-04	2.10E-08	1.37E-05	5.05E-03	7.67E-02	0.00E+00	9.57E-11	1.29E-10	1.48E-05	2.62E-07	1.01E-02	0.00E+00	7.67E-02	2.09E-10	7.67E-02	8.68E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.36E-04
MC332P	1.15E-04	6.22E-02	9.27E-03	3.99E-02	0.00E+00	0.00E+00	5.71E-01	5.47E-07	5.25E-05	3.41E-04	0.00E+00	9.85E-04	4.39E-09	1.27E-10	5.88E-03	1.13E-04	3.28E-03	2.66E-08	7.14E-05	1.51E-02	3.87E-01	0.00E+00	5.30E-10	6.81E-10	7.93E-05	2.13E-06	5.17E-02	0.00E+00	3.87E-01	9.29E-10	3.87E-01	4.38E-01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
MC340A	8.38E-05	4.13E-02	6.88E-03	2.96E-02	0.00E+00	0.00E+00	4.26E-01	4.06E-07	3.92E-05	2.49E-04	0.00E+00	7.27E-04	3.27E-09	9.48E-11	4.39E-03	8.15E-05	2.44E-03	1.19E-08	5.24E-05	1.17E-02	2.84E-01	0.00E+00	3.87E-10	4.99E-10	5.80E-05	1.52E-06	3.79E-02	0.00E+00	2.84E-01	6.90E-10	2.84E-01	3.22E-01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
MC340P	7.18E-05	3.32E-02	5.96E-03	2.57E-02	0.00E+00	0.00E+00	3.69E-01	3.52E-07	3.40E-05	2.13E-04	0.00E+00	6.28E-04	2.83E-09	8.24E-11	3.81E-03	6.92E-05	2.11E-03	6.24E-09	4.50E-05	1.04E-02	2.44E-01	0.00E+00	3.31E-10	4.28E-10	4.97E-05	1.28E-06	3.26E-02	0.00E+00	2.44E-01	5.97E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MC350A	9.72E-05	4.96E-02	7.95E-03	3.42E-02	0.00E+00	0.00E+00	4.91E-01	4.69E-07	4.51E-05	2.89E-04	0.00E+00	8.41E-04	3.77E-09	1.09E-10	5.06E-03	9.50E-05	2.81E-03	1.68E-08	6.07E-05	1.33E-02	3.29E-01	0.00E+00	4.49E-10	5.79E-10	6.73E-05	1.78E-06	4.39E-02	0.00E+00	3.29E-01	7.96E-10	3.29E-01	3.73E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MC350P	8.28E-05	3.94E-02	6.84E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.04E-07	3.90E-05	2.46E-04	0.00E+00	7.21E-04	3.25E-09	9.44E-11	4.37E-03	8.01E-05	2.42E-03	9.25E-09	5.18E-05	1.18E-02	2.81E-01	0.00E+00	3.82E-10	4.93E-10	5.73E-05	1.49E-06	3.75E-02	0.00E+00	2.81E-01	6.85E-10	2.81E-01	3.19E-01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
MC363A	9.58E-05	4.86E-02	7.84E-03	3.37E-02	0.00E+00	0.00E+00	4.84E-01	4.63E-07	4.45E-05	2.85E-04	0.00E+00	8.30E-04	3.72E-09	1.08E-10	4.99E-03	9.36E-05	2.77E-03	1.61E-08	5.98E-05	1.31E-02	3.24E-01	0.00E+00	4.42E-10	5.70E-10	6.63E-05	1.75E-06	4.33E-02	0.00E+00	3.24E-01	7.86E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MC363P	1.46E-04	8.33E-02	1.17E-02	5.02E-02	0.00E+00	0.00E+00	7.17E-01	6.89E-07	6.60E-05	4.35E-04	0.00E+00	1.24E-03	5.53E-09	1.59E-10	7.37E-03	1.45E-04	4.13E-03	4.14E-08	9.06E-05	1.85E-02	4.90E-01	0.00E+00	6.74E-10	8.65E-10	1.01E-04	2.75E-06	6.55E-02	0.00E+00	4.90E-01	1.17E-09	4.90E-01	5.55E-01	6.55E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
MC400A	3.17E-05	4.75E-05	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.25E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.38E-08	2.05E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.35E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
MC402A	1.11E-04	5.42E-02	9.12E-03	3.93E-02	0.00E+00	0.00E+00	5.64E-01	5.38E-07	5.19E-05	3.29E-04	0.00E+00	9.64E-04	4.33E-09	1.26E-10	5.82E-03	1.08E-04	3.23E-03	1.48E-08	6.93E-05	1.55E-02	3.76E-01	0.00E+00	5.12E-10	6.60E-10	7.68E-05	2.01E-06	5.02E-02	0.00E+00	3.76E-01	9.15E-10	3.76E-01	4.26E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
MC403A	9.99E-05	4.66E-02	8.28E-03	3.57E-02	0.00E+00	0.00E+00	5.13E-01	4.88E-07	4.72E-05	2.96E-04	0.00E+00	8.72E-04	3.93E-09	1.14E-10	5.29E-03	9.64E-05	2.93E-03	9.45E-09	6.25E-05	1.43E-02	3.40E-01	0.00E+00	4.61E-10	5.95E-10	6.92E-05	1.79E-06	4.53E-02	0.00E+00	3.40E-01	8.30E-10	3.40E-01	3.85E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
MC404A	7.51E-05	2.97E-02	6.37E-03	2.75E-02	0.00E+00	0.00E+00	3.97E-01	3.76E-07	3.65E-05	2.22E-04	0.00E+00	6.66E-04	3.03E-09	8.90E-11	4.10E-03	7.10E-05	2.25E-03	2.65E-09	4.73E-05	1.17E-02	2.58E-01	0.00E+00	3.46E-10	4.49E-10	5.21E-05	1.30E-06	3.43E-02	0.00E+00	2.58E-01	6.39E-10	2.58E-01	2.92E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MC406A	1.93E-04	1.14E-01	1.53E-02	6.58E-02	0.00E+00	0.00E+00	9.39E-01	9.04E-07	8.64E-05	5.75E-04	0.00E+00	1.64E-03	7.25E-09	2.07E-10	9.65E-03	1.93E-04	5.42E-03	6.26E-08	1.20E-04	2.38E-02	6.46E-01	0.00E+00	8.92E-10	1.14E-09	1.33E-04	3.67E-06	8.64E-02	0.00E+00	6.46E-01	1.53E-09	6.46E-01	7.32E-01	8.64E-02	0.00E+00	0.00E+00	0.00E+00	5.23E-03
MC410A	1.95E-04	1.16E-01	1.55E-02	6.65E-02	0.00E+00	0.00E+00	9.49E-01	9.14E-07	8.73E-05	5.81E-04	0.00E+00	1.65E-03	7.33E-09	2.10E-10	9.75E-03	1.95E-04	5.48E-03	6.37E-08	1.21E-04	2.40E-02	6.53E-01	0.00E+00	9.01E-10	1.15E-09	1.34E-04	3.71E-06	8.73E-02	0.00E+00	6.53E-01	1.55E-09	6.53E-01	7.40E-01	8.73E-02	0.00E+00	0.00E+00	0.00E+00	5.29E-03
MC413A	1.63E-04	9.34E-02	1.31E-02	5.61E-02	0.00E+00	0.00E+00	8.02E-01	7.71E-07	7.38E-05	4.86E-04	0.00E+00	1.39E-03	6.18E-09	1.77E-10	8.25E-03	1.62E-04	4.62E-03	4.67E-08	1.01E-04	2.07E-02	5.48E-01	0.00E+00	7.54E-10	9.68E-10	1.13E-04	3.08E-06	7.33E-02	0.00E+00	5.48E-01	1.31E-09	5.48E-01	6.21E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	4.42E-03
MC416A	1.77E-04	1.05E-01	1.40E-02	6.03E-02	0.00E+00	0.00E+00	8.60E-01	8.28E-07	7.91E-05	5.27E-04	0.00E+00	1.50E-03	6.64E-09	1.90E-10	8.83E-03	1.77E-04	4.97E-03	5.84E-08	1.10E-04	2.17E-02	5.92E-01	0.00E+00	8.18E-10	1.05E-09	1.22E-04	3.37E-06	7.92E-02	0.00E+00	5.92E-01	1.41E-09	5.92E-01	6.71E-01	7.92E-02	0.00E+00	0.00E+00	0.00E+00	4.80E-03
MC420A	9.50E-05	4.57E-02	7.83E-03	3.37E-02	0.00E+00	0.00E+00	4.85E-01	4.62E-07	4.46E-05	2.82E-04	0.00E+00	8.27E-04	3.72E-09	1.08E-10	5.00E-03	9.20E-05	2.77E-03	1.15E-08	5.94E-05	1.34E-02	3.22E-01	0.00E+00	4.38E-10	5.66E-10	6.58E-05	1.71E-06	4.30E-02	0.00E+00	3.22E-01	7.85E-10	3.22E-01	3.65E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MC420P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC425A	3.08E-05	5.70E-04	2.93E-03	1.28E-02	0.00E+00	0.00E+00	1.87E-01	1.73E-07	1.73E-05	9.01E-05	0.00E+00	2.96E-04	1.40E-09	4.31E-11	1.96E-03	2.61E-05	1.04E-03	2.22E-08	2.00E-05	6.66E-03	1.11E-01	0.00E+00	1.41E-10	1.88E-10	2.17E-05	4.28E-07	1.47E-02	0.00E+00	1.11E-01	2.95E-10	1.11E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-04
MC425P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC432A	1.21E-04	6.15E-02	9.90E-03	4.26E-02	0.00E+00	0.00E+00	6.11E-01	5.84E-07	5.62E-05	3.60E-04	0.00E+00	1.05E-03	4.69E-09	1.36E-10	6.30E-03	1.18E-04	3.50E-03	2.05E-08	7.56E-05	1.66E-02	4.10E-01	0.00E+00	5.59E-10	7.20E-10	8.37E-05	2.21E-06	5.47E-02	0.00E+00	4.10E-01	9.92E-10	4.10E-01	4.64E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
MC432P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC440A	1.22E-04	6.20E-02	9.97E-03	4.29E-02	0.00E+00	0.00E+00	6.16E-01	5.88E-07	5.67E-05	3.63E-04	0.00E+00	1.06E-03	4.73E-09	1.37E-10	6.35E-03	1.19E-04	3.53E-03	2.07E-08	7.61E-05	1.67E-02	4.13E-01	0.00E+00	5.63E-10	7.26E-10	8.44E-05	2.23E-06	5.51E-02	0.00E+00	4.13E-01	9.99E-10	4.13E-01	4.68E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
MC440P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC450A	1.30E-04	6.62E-02	1.06E-02	4.56E-02	0.00E+00	0.00E+00	6.55E-01	6.26E-07	6.03E-05	3.86E-04	0.00E+00	1.12E-03	5.03E-09	1.46E-10	6.75E-03	1.27E-04	3.75E-03	2.24E-08	8.10E-05	1.78E-02	4.39E-01	0.00E+00	5.99E-10	7.72E-10	8.98E-05	2.37E-06	5.87E-02	0.00E+00	4.39E-01	1.06E-09	4.39E-01	4.98E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
MC450P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC463A	1.53E-04	8.19E-02	1.24E-02	5.32E-02	0.00E+00	0.00E+00	7.63E-01	7.30E-07	7.01E-05	4.55E-04	0.00E+00	1.31E-03	5.87E-09	1.69E-10	7.85E-03	1.50E-04	4.38E-03	3.36E-08	9.52E-05	2.03E-02	5.15E-01	0.00E+00	7.06E-10	9.08E-10	1.06E-04	2.83E-06	6.89E-02	0.00E+00	5.15E-01	1.24E-09	5.15E-01	5.84E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
MC463P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MC506A	9.59E-05	5.69E-02	7.62E-03	3.27E-02	0.00E+00	0.00E+00	4.67E-01	4.49E-07	4.29E-05	2.86E-04	0.00E+00	8.14E-04	3.61E-09	1.03E-10	4.80E-03	9.57E-05	2.69E-03	3.11E-08	5.95E-05	1.18E-02	3.21E-01	0.00E+00	4.43E-10	5.68E-10	6.61E-05	1.82E-06	4.29E-02	0.00E+00	3.21E-01	7.63E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
MC510A	9.59E-05	5.69E-02	7.62E-03	3.27E-02	0.00E+00	0.00E+00	4.67E-01	4.49E-07	4.29E-05	2.86E-04	0.00E+00	8.14E-04	3.61E-09	1.03E-10	4.80E-03	9.57E-05	2.69E-03	3.11E-08	5.95E-05	1.18E-02	3.21E-01	0.00E+00	4.43E-10	5.68E-10	6.61E-05	1.82E-06	4.29E-02	0.00E+00	3.21E-01	7.63E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
MC513A	7.81E-05	4.43E-02	6.26E-03	2.69E-02	0.00E+00	0.00E+00	3.85E-01	3.69E-07	3.54E-05	2.33E-04	0.00E+00	6.67E-04	2.96E-09	8.51E-11	3.95E-03	7.74E-05	2.21E-03	2.16E-08	4.85E-05	9.96E-03	2.62E-01	0.00E+00	3.61E-10	4.63E-10	5.39E-05	1.47E-06	3.51E-02	0.00E+00	2.62E-01	6.27E-10	2.62E-01	2.97E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MC516A	7.20E-05	4.01E-02	5.79E-03	2.49E-02	0.00E+00	0.00E+00	3.56E-01	3.42E-07	3.28E-05	2.15E-04	0.00E+00	6.16E-04	2.74E-09	7.89E-11	3.67E-03	7.13E-05	2.05E-03	1.86E-08	4.48E-05	9.30E-03	2.42E-01	0.00E+00	3.33E-10	4.28E-10	4.97E-05	1.35E-06	3.24E-02	0.00E+00	2.42E-01	5.80E-10	2.42E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
MC520A	5.83E-05	3.03E-02	4.75E-03	2.04E-02	0.00E+00	0.00E+00	2.93E-01	2.80E-07	2.70E-05	1.74E-04	0.00E+00	5.04E-04	2.25E-09	6.52E-11	3.02E-03	5.71E-05	1.68E-03	1.11E-08	3.64E-05	7.89E-03	1.97E-01	0.00E+00	2.69E-10	3.47E-10	4.03E-05	1.07E-06	2.63E-02	0.00E+00	1.97E-01	4.76E-10	1.97E-01	2.24E-01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MC525A	2.38E-05	6.18E-03	2.11E-03	9.13E-03	0.00E+00	0.00E+00	1.33E-01	1.25E-07	1.22E-05	7.02E-05	0.00E+00	2.18E-04	1.01E-09	3.01E-11	1.38E-03	2.17E-05	7.47E-04	6.74E-09	1.52E-05	4.22E-03	8.32E-02	0.00E+00	1.10E-10	1.44E-10	1.66E-05	3.82E-07	1.11E-02	0.00E+00	8.32E-02	2.12E-10	8.32E-02	9.42E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.30E-04
MC532A	5.88E-05	2.95E-02	4.81E-03	2.07E-02	0.00E+00	0.00E+00	2.97E-01	2.84E-07	2.74E-05	1.75E-04	0.00E+00	5.09E-04	2.28E-09	6.62E-11	3.06E-03	5.73E-05	1.70E-03	9.37E-09	3.67E-05	8.10E-03	1.99E-01	0.00E+00	2.71E-10	3.50E-10	4.07E-05	1.07E-06	2.66E-02	0.00E+00	1.99E-01	4.82E-10	1.99E-01	2.26E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
MC540A	7.26E-05	3.90E-02	5.88E-03	2.53E-02	0.00E+00	0.00E+00	3.62E-01	3.47E-07	3.33E-05	2.16E-04	0.00E+00	6.24E-04	2.79E-09	8.03E-11	3.73E-03	7.14E-05	2.08E-03	1.61E-08	4.52E-05	9.61E-03	2.45E-01	0.00E+00	3.35E-10	4.31E-10	5.02E-05	1.34E-06	3.27E-02	0.00E+00	2.45E-01	5.89E-10	2.45E-01	2.77E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MC563A	7.52E-05	4.02E-02	6.10E-03	2.62E-02	0.00E+00	0.00E+00	3.76E-01	3.60E-07	3.46E-05	2.24E-04	0.00E+00	6.47E-04	2.89E-09	8.34E-11	3.87E-03	7.40E-05	2.16E-03	1.62E-08	4.69E-05	1.00E-02	2.54E-01	0.00E+00	3.48E-10	4.47E-10	5.20E-05	1.39E-06	3.39E-02	0.00E+00	2.54E-01	6.11E-10	2.54E-01	2.88E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MCA100	8.42E-06	3.04E-04	7.95E-04	3.46E-03	0.00E+00	0.00E+00	5.08E-02	4.70E-08	4.69E-06	2.46E-05	0.00E+00	8.06E-05	3.81E-10	1.17E-11	5.31E-04	7.17E-06	2.82E-04	5.80E-09	5.44E-06	1.79E-03	3.02E-02	0.00E+00	3.85E-11	5.13E-11	5.92E-06	1.18E-07	3.99E-03	0.00E+00	3.02E-02	8.00E-11	3.02E-02	3.42E-02	3.99E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MCA101	9.83E-06	1.31E-03	9.02E-04	3.92E-03	0.00E+00	0.00E+00	5.73E-02	5.33E-08	5.29E-06	2.88E-05	0.00E+00	9.22E-05	4.31E-10	1.31E-11	5.98E-04	8.62E-06	3.20E-04	5.03E-09	6.31E-06	1.94E-03	3.48E-02	0.00E+00	4.51E-11	5.96E-11	6.89E-06	1.46E-07	4.62E-03	0.00E+00	3.48E-02	9.07E-11	3.48E-02	3.94E-02	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MCA102	9.83E-06	1.31E-03	9.02E-04	3.92E-03	0.00E+00	0.00E+00	5.73E-02	5.33E-08	5.29E-06	2.88E-05	0.00E+00	9.22E-05	4.31E-10	1.31E-11	5.98E-04	8.62E-06	3.20E-04	5.03E-09	6.31E-06	1.94E-03	3.48E-02	0.00E+00	4.51E-11	5.96E-11	6.89E-06	1.46E-07	4.62E-03	0.00E+00	3.48E-02	9.07E-11	3.48E-02	3.94E-02	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MCA103	1.04E-05	1.73E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.98E-02	5.57E-08	5.51E-06	3.05E-05	0.00E+00	9.66E-05	4.51E-10	1.36E-11	6.23E-04	9.19E-06	3.34E-04	4.68E-09	6.64E-06	1.99E-03	3.66E-02	0.00E+00	4.76E-11	6.28E-11	7.26E-06	1.58E-07	4.86E-03	0.00E+00	3.66E-02	9.48E-11	3.66E-02	4.14E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MCA104	7.35E-06	3.83E-04	7.11E-04	3.10E-03	0.00E+00	0.00E+00	4.57E-02	4.21E-08	4.22E-06	2.14E-05	0.00E+00	7.16E-05	3.41E-10	1.05E-11	4.79E-04	6.08E-06	2.53E-04	6.24E-09	4.78E-06	1.67E-03	2.66E-02	0.00E+00	3.36E-11	4.50E-11	5.18E-06	9.72E-08	3.52E-03	0.00E+00	2.66E-02	7.16E-11	2.66E-02	3.01E-02	3.52E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MCA106	1.05E-05	2.02E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.97E-02	5.57E-08	5.50E-06	3.07E-05	0.00E+00	9.69E-05	4.51E-10	1.36E-11	6.21E-04	9.33E-06	3.35E-04	4.22E-09	6.68E-06	1.96E-03	3.68E-02	0.00E+00	4.80E-11	6.32E-11	7.31E-06	1.61E-07	4.88E-03	0.00E+00	3.68E-02	9.48E-11	3.68E-02	4.17E-02	4.88E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MCA110	2.35E-05	1.12E-02	1.94E-03	8.36E-03	0.00E+00	0.00E+00	1.20E-01	1.15E-07	1.11E-05	6.98E-05	0.00E+00	2.05E-04	9.22E-10	2.68E-11	1.24E-03	2.28E-05	6.87E-04	2.66E-09	1.47E-05	3.34E-03	7.99E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.23E-07	1.07E-02	0.00E+00	7.99E-02	1.95E-10	7.99E-02	9.05E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04
MCA113	1.53E-06	3.90E-03	2.51E-04	1.13E-03	0.00E+00	0.00E+00	1.75E-02	1.49E-08	1.63E-06	4.05E-06	0.00E+00	2.24E-05	1.23E-10	4.32E-12	1.89E-04	2.56E-07	8.97E-05	8.24E-09	1.18E-06	9.63E-04	7.15E-03	0.00E+00	6.68E-12	1.05E-11	1.17E-06	1.41E-08	9.13E-04	0.00E+00	7.15E-03	2.55E-11	7.15E-03	8.06E-03	9.13E-04	0.00E+00	0.00E+00	0.00E+00	3.12E-05
MCA116	2.19E-05	1.00E-02	1.82E-03	7.85E-03	0.00E+00	0.00E+00	1.13E-01	1.08E-07	1.04E-05	6.51E-05	0.00E+00	1.92E-04	8.65E-10	2.52E-11	1.17E-03	2.11E-05	6.45E-04	1.72E-09	1.37E-05	3.18E-03	7.47E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.91E-07	9.96E-03	0.00E+00	7.47E-02	1.83E-10	7.47E-02	8.46E-02	9.96E-03	0.00E+00	0.00E+00	0.00E+00	5.89E-04
MCA120	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
MCA125	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
MCA132	7.54E-07	5.03E-03	2.07E-04	9.45E-04	0.00E+00	0.00E+00	1.51E-02	1.23E-08	1.41E-06	1.66E-06	0.00E+00	1.71E-05	1.03E-10	3.86E-12	1.66E-04	6.98E-07	7.43E-05	9.71E-09	7.25E-07	9.75E-04	4.83E-03	0.00E+00	3.03E-12	6.11E-12	6.50E-07	3.49E-08	5.96E-04	0.00E+00	4.83E-03	2.12E-11	4.83E-03	5.43E-03	5.96E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-06
MCA140	3.49E-05	1.86E-02	2.83E-03	1.22E-02	0.00E+00	0.00E+00	1.75E-01	1.67E-07	1.61E-05	1.04E-04	0.00E+00	3.01E-04	1.34E-09	3.88E-11	1.80E-03	3.43E-05	1.00E-03	7.48E-09	2.18E-05	4.65E-03	1.18E-01	0.00E+00	1.61E-10	2.08E-10	2.41E-05	6.46E-07	1.58E-02	0.00E+00	1.18E-01	2.84E-10	1.18E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
MCA150	2.23E-05	9.88E-03	1.86E-03	8.03E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.06E-05	6.62E-05	0.00E+00	1.96E-04	8.85E-10	2.59E-11	1.19E-03	2.14E-05	6.59E-04	1.15E-09	1.40E-05	3.29E-03	7.61E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	3.94E-07	1.02E-02	0.00E+00	7.61E-02	1.87E-10	7.61E-02	8.62E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04
MCA163	2.51E-05	1.18E-02	2.08E-03	8.95E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.18E-05	7.45E-05	0.00E+00	2.19E-04	9.86E-10	2.87E-11	1.33E-03	2.42E-05	7.35E-04	2.50E-09	1.57E-05	3.59E-03	8.53E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.50E-07	1.14E-02	0.00E+00	8.53E-02	2.08E-10	8.53E-02	9.67E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.74E-04
MCA200	1.85E-05	1.80E-03	1.72E-03	7.47E-03	0.00E+00	0.00E+00	1.09E-01	1.02E-07	1.01E-05	5.42E-05	0.00E+00	1.75E-04	8.22E-10	2.50E-11	1.14E-03	1.61E-05	6.10E-04	1.07E-08	1.19E-05	3.76E-03	6.59E-02	0.00E+00	8.48E-11	1.12E-10	1.30E-05	2.70E-07	8.73E-03	0.00E+00	6.59E-02	1.73E-10	6.59E-02	7.46E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-04
MCA201	1.47E-05	7.32E-04	1.42E-03	6.19E-03	0.00E+00	0.00E+00	9.12E-02	8.40E-08	8.42E-06	4.28E-05	0.00E+00	1.43E-04	6.81E-10	2.10E-11	9.56E-04	1.22E-05	5.04E-04	1.24E-08	9.55E-06	3.33E-03	5.31E-02	0.00E+00	6.71E-11	8.98E-11	1.04E-05	1.95E-07	7.02E-03	0.00E+00	5.31E-02	1.43E-10	5.31E-02	6.02E-02	7.02E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
MCA202	1.74E-05	1.14E-03	1.63E-03	7.10E-03	0.00E+00	0.00E+00	1.04E-01	9.64E-08	9.60E-06	5.10E-05	0.00E+00	1.66E-04	7.81E-10	2.39E-11	1.09E-03	1.50E-05	5.79E-04	1.11E-08	1.12E-05	3.63E-03	6.22E-02	0.00E+00	7.98E-11	1.06E-10	1.22E-05	2.49E-07	8.24E-03	0.00E+00	6.22E-02	1.64E-10	6.22E-02	7.04E-02	8.24E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04
MCA203	2.65E-05	7.43E-03	2.33E-03	1.01E-02	0.00E+00	0.00E+00	1.46E-01	1.37E-07	1.35E-05	7.81E-05	0.00E+00	2.41E-04	1.11E-09	3.31E-11	1.52E-03	2.43E-05	8.25E-04	6.47E-09	1.68E-05	4.60E-03	9.22E-02	0.00E+00	1.22E-10	1.59E-10	1.85E-05	4.30E-07	1.23E-02	0.00E+00	9.22E-02	2.34E-10	9.22E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
MCA204	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA206	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA210	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA213	6.38E-06	5.48E-03	7.56E-04	3.34E-03	0.00E+00	0.00E+00	5.05E-02	4.48E-08	4.67E-06	1.80E-05	0.00E+00	7.22E-05	3.67E-10	1.20E-11	5.37E-04	3.92E-06	2.69E-04	1.48E-08	4.39E-06	2.28E-03	2.53E-02	0.00E+00	2.87E-11	4.06E-11	4.62E-06	3.82E-08	3.30E-03	0.00E+00	2.53E-02	7.65E-11	2.53E-02	2.86E-02	3.30E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MCA216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA225	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA232	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA240	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA250	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA263	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA300	5.03E-05	1.81E-02	4.32E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.48E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.07E-11	2.79E-03	4.72E-05	1.53E-03	5.07E-09	3.18E-05	8.10E-03	1.73E-01	0.00E+00	2.32E-10	3.02E-10	3.50E-05	8.52E-07	2.31E-02	0.00E+00	1.73E-01	4.33E-10	1.73E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MCA301	8.60E-07	1.68E-02	3.69E-04	1.75E-03	0.00E+00	0.00E+00	2.99E-02	2.21E-08	2.80E-06	4.32E-06	0.00E+00	2.44E-05	1.91E-10	8.14E-12	3.39E-04	5.18E-06	1.34E-04	2.99E-08	2.30E-07	2.52E-03	3.98E-03	0.00E+00	5.35E-12	2.06E-13	2.07E-07	1.63E-07	3.82E-04	0.00E+00	3.98E-03	3.84E-11	3.98E-03	4.36E-03	3.82E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-05
MCA302	2.98E-05	4.18E-03	2.74E-03	1.19E-02	0.00E+00	0.00E+00	1.74E-01	1.62E-07	1.60E-05	8.76E-05	0.00E+00	2.80E-04	1.31E-09	3.96E-11	1.81E-03	2.62E-05	9.70E-04	1.49E-08	1.91E-05	5.86E-03	1.06E-01	0.00E+00	1.37E-10	1.81E-10	2.09E-05	4.46E-07	1.40E-02	0.00E+00	1.06E-01	2.75E-10	1.06E-01	1.20E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04

MCA303	4.16E-06	1.32E-02	7.52E-04	3.39E-03	0.00E+00	0.00E+00	5.30E-02	4.46E-08	4.93E-06	1.07E-05	0.00E+00	6.58E-05	3.71E-10	1.32E-11	5.75E-04	9.99E-09	2.69E-04	2.71E-08	3.32E-06	3.04E-03	2.05E-02	0.00E+00	1.79E-11	2.94E-11	3.24E-06	6.15E-08	2.60E-03	0.00E+00	2.05E-02	7.66E-11	2.05E-02	2.31E-02	2.60E-03	0.00E+00	0.00E+00	0.00E+00	7.91E-05
MCA304	3.39E-05	7.03E-03	3.04E-03	1.32E-02	0.00E+00	0.00E+00	1.92E-01	1.80E-07	1.77E-05	9.96E-05	0.00E+00	3.13E-04	1.45E-09	4.37E-11	2.00E-03	3.04E-05	1.08E-03	1.28E-08	2.16E-05	6.28E-03	1.19E-01	0.00E+00	1.56E-10	2.05E-10	2.37E-05	5.27E-07	1.58E-02	0.00E+00	1.19E-01	3.06E-10	1.19E-01	1.35E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	8.91E-04
MCA306	2.98E-05	5.06E-03	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.71E-01	1.60E-07	1.58E-05	8.75E-05	0.00E+00	2.77E-04	1.29E-09	3.91E-11	1.79E-03	2.64E-05	9.59E-04	1.33E-08	1.91E-05	5.70E-03	1.05E-01	0.00E+00	1.37E-10	1.80E-10	2.08E-05	4.53E-07	1.39E-02	0.00E+00	1.05E-01	2.72E-10	1.05E-01	1.19E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
MCA310	9.35E-05	4.98E-02	7.59E-03	3.26E-02	0.00E+00	0.00E+00	4.68E-01	4.48E-07	4.30E-05	2.78E-04	0.00E+00	8.05E-04	3.60E-09	1.04E-10	4.81E-03	9.19E-05	2.68E-03	2.00E-08	5.83E-05	1.25E-02	3.16E-01	0.00E+00	4.32E-10	5.56E-10	6.46E-05	1.73E-06	4.22E-02	0.00E+00	3.16E-01	7.60E-10	3.16E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
MCA313	1.00E-04	5.39E-02	8.14E-03	3.50E-02	0.00E+00	0.00E+00	5.01E-01	4.80E-07	4.61E-05	2.99E-04	0.00E+00	8.64E-04	3.86E-09	1.11E-10	5.16E-03	9.88E-05	2.88E-03	2.22E-08	6.26E-05	1.33E-02	3.39E-01	0.00E+00	4.64E-10	5.97E-10	6.94E-05	1.86E-06	4.53E-02	0.00E+00	3.39E-01	8.15E-10	3.39E-01	3.84E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MCA316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCA320	9.16E-05	4.76E-02	7.46E-03	3.21E-02	0.00E+00	0.00E+00	4.60E-01	4.40E-07	4.23E-05	2.72E-04	0.00E+00	7.90E-04	3.54E-09	1.02E-10	4.74E-03	8.97E-05	2.64E-03	1.75E-08	5.71E-05	1.24E-02	3.09E-01	0.00E+00	4.23E-10	5.45E-10	6.33E-05	1.68E-06	4.13E-02	0.00E+00	3.09E-01	7.47E-10	3.09E-01	3.51E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
MCA325	9.61E-05	5.07E-02	7.80E-03	3.36E-02	0.00E+00	0.00E+00	4.81E-01	4.61E-07	4.43E-05	2.86E-04	0.00E+00	8.28E-04	3.70E-09	1.07E-10	4.95E-03	9.43E-05	2.76E-03	1.97E-08	5.99E-05	1.29E-02	3.24E-01	0.00E+00	4.44E-10	5.71E-10	6.64E-05	1.77E-06	4.33E-02	0.00E+00	3.24E-01	7.82E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
MCA332	1.06E-04	5.66E-02	8.56E-03	3.68E-02	0.00E+00	0.00E+00	5.28E-01	5.05E-07	4.85E-05	3.15E-04	0.00E+00	9.09E-04	4.06E-09	1.17E-10	5.43E-03	1.04E-04	3.03E-03	2.32E-08	6.58E-05	1.40E-02	3.56E-01	0.00E+00	4.88E-10	6.28E-10	7.30E-05	1.96E-06	4.76E-02	0.00E+00	3.56E-01	8.58E-10	3.56E-01	4.04E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
MCA340	1.14E-04	6.24E-02	9.22E-03	3.96E-02	0.00E+00	0.00E+00	5.68E-01	5.44E-07	5.22E-05	3.40E-04	0.00E+00	9.80E-04	4.37E-09	1.26E-10	5.84E-03	1.13E-04	3.26E-03	2.74E-08	7.11E-05	1.49E-02	3.85E-01	0.00E+00	5.28E-10	6.78E-10	7.89E-05	2.13E-06	5.14E-02	0.00E+00	3.85E-01	9.24E-10	3.85E-01	4.36E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
MCA350	1.92E-05	3.90E-03	1.94E-03	8.48E-03	0.00E+00	0.00E+00	1.26E-01	1.15E-07	1.16E-05	5.57E-05	0.00E+00	1.93E-04	9.33E-10	2.92E-11	1.32E-03	1.52E-05	6.89E-04	2.16E-08	1.26E-05	4.84E-03	7.09E-02	0.00E+00	8.76E-11	1.19E-10	1.36E-05	2.28E-07	9.34E-03	0.00E+00	7.09E-02	1.96E-10	7.09E-02	8.02E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
MCA363	2.91E-05	2.76E-03	2.70E-03	1.18E-02	0.00E+00	0.00E+00	1.72E-01	1.60E-07	1.59E-05	8.53E-05	0.00E+00	2.75E-04	1.29E-09	3.94E-11	1.80E-03	2.52E-05	9.59E-04	1.69E-08	1.87E-05	5.93E-03	1.04E-01	0.00E+00	1.33E-10	1.77E-10	2.04E-05	4.24E-07	1.37E-02	0.00E+00	1.04E-01	2.72E-10	1.04E-01	1.17E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
MCA400	4.14E-05	6.65E-03	3.78E-03	1.64E-02	0.00E+00	0.00E+00	2.39E-01	2.23E-07	2.21E-05	1.22E-04	0.00E+00	3.87E-04	1.80E-09	5.46E-11	2.49E-03	3.66E-05	1.34E-03	1.91E-08	2.65E-05	8.00E-03	1.46E-01	0.00E+00	1.90E-10	2.51E-10	2.90E-05	6.28E-07	1.94E-02	0.00E+00	1.46E-01	3.80E-10	1.46E-01	1.66E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MCA401	3.40E-05	1.68E-03	3.19E-03	1.39E-02	0.00E+00	0.00E+00	2.04E-01	1.89E-07	1.88E-05	9.93E-05	0.00E+00	3.24E-04	1.53E-09	4.68E-11	2.13E-03	2.90E-05	1.13E-03	2.26E-08	2.19E-05	7.16E-03	1.21E-01	0.00E+00	1.55E-10	2.07E-10	2.39E-05	4.80E-07	1.61E-02	0.00E+00	1.21E-01	3.21E-10	1.21E-01	1.38E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	8.81E-04
MCA402	5.50E-06	1.78E-02	1.00E-03	4.52E-03	0.00E+00	0.00E+00	7.07E-02	5.95E-08	6.58E-06	1.41E-05	0.00E+00	8.76E-05	4.95E-10	1.76E-11	7.68E-04	8.40E-08	3.59E-04	3.64E-08	4.40E-06	4.07E-03	2.73E-02	0.00E+00	2.36E-11	3.89E-11	4.29E-06	8.45E-08	3.45E-03	0.00E+00	2.73E-02	1.02E-10	2.73E-02	3.07E-02	3.45E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MCA403	1.66E-05	9.96E-03	1.85E-03	8.14E-03	0.00E+00	0.00E+00	1.22E-01	1.10E-07	1.13E-05	4.73E-05	0.00E+00	1.79E-04	8.95E-10	2.89E-11	1.29E-03	1.13E-05	6.58E-04	3.06E-08	1.12E-05	5.24E-03	6.39E-02	0.00E+00	7.50E-11	1.04E-10	1.19E-05	1.38E-07	8.36E-03	0.00E+00	6.39E-02	1.87E-10	6.39E-02	7.22E-02	8.36E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04
MCA404	4.13E-05	6.76E-03	3.76E-03	1.63E-02	0.00E+00	0.00E+00	2.38E-01	2.22E-07	2.19E-05	1.21E-04	0.00E+00	3.85E-04	1.79E-09	5.42E-11	2.48E-03	3.65E-05	1.33E-03	1.88E-08	2.64E-05	7.94E-03	1.46E-01	0.00E+00	1.89E-10	2.50E-10	2.89E-05	6.26E-07	1.93E-02	0.00E+00	1.46E-01	3.77E-10	1.46E-01	1.65E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MCA406	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA410	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA413	9.48E-06	1.32E-02	1.26E-03	5.59E-03	0.00E+00	0.00E+00	8.54E-02	7.46E-08	7.92E-06	2.63E-05	0.00E+00	1.17E-04	6.14E-10	2.07E-11	9.14E-04	4.49E-06	4.49E-04	3.11E-08	6.76E-06	4.20E-03	3.97E-02	0.00E+00	4.23E-11	6.18E-11	6.99E-06	1.16E-08	5.13E-03	0.00E+00	3.97E-02	1.28E-10	3.97E-02	4.48E-02	5.13E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCA416	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA420	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA425	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA432	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA440	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA450	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA463	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA506	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA510	4.68E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA513	6.38E-06	5.48E-03	7.56E-04	3.34E-03	0.00E+00	0.00E+00	5.05E-02	4.48E-08	4.67E-06	1.80E-05	0.00E+00	7.22E-05	3.67E-10	1.20E-11	5.37E-04	3.92E-06	2.69E-04	1.48E-08	4.39E-06	2.28E-03	2.53E-02	0.00E+00	2.87E-11	4.06E-11	4.62E-06	3.82E-08	3.30E-03	0.00E+00	2.53E-02	7.65E-11	2.53E-02	2.86E-02	3.30E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MCA516	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA520	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MCA525	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA532	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA540	8.06E-05	4.47E-02	6.49E-03	2.79E-02	0.00E+00	0.00E+00	3.99E-01	3.83E-07	3.67E-05	2.40E-04	0.00E+00	6.90E-04	3.07E-09	8.84E-11	4.11E-03	7.97E-05	2.30E-03	2.05E-08	5.01E-05	1.04E-02	2.71E-01	0.00E+00	3.72E-10	4.79E-10	5.57E-05	1.51E-06	3.63E-02	0.00E+00	2.71E-01	6.50E-10	2.71E-01	3.07E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
MCA550	2.17E-05	3.48E-03	1.97E-03	8.56E-03	0.00E+00	0.00E+00	1.25E-01	1.17E-07	1.15E-05	6.36E-05	0.00E+00	2.02E-04	9.43E-10	2.85E-11	1.30E-03	1.91E-05	7.00E-04	1.00E-08	1.39E-05	4.18E-03	7.64E-02	0.00E+00	9.93E-11	1.31E-10	1.52E-05	3.28E-07	1.01E-02	0.00E+00	7.64E-02	1.98E-10	7.64E-02	8.66E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.67E-04
MCA563	1.81E-05	1.01E-03	1.70E-03	7.40E-03	0.00E+00	0.00E+00	1.09E-01	1.00E-07	1.00E-05	5.29E-05	0.00E+00	1.73E-04	8.14E-10	2.49E-11	1.13E-03	1.55E-05	6.03E-04	1.18E-08	1.17E-05	3.80E-03	6.47E-02	0.00E+00	8.29E-11	1.10E-10	1.27E-05	2.57E-07	8.57E-03	0.00E+00	6.47E-02	1.71E-10	6.47E-02	7.33E-02	8.57E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-04
MCA610	4.93E-05	1.44E-02	4.31E-03	1.87E-02	0.00E+00	0.00E+00	2.71E-01	2.55E-07	2.50E-05	1.45E-04	0.00E+00	4.47E-04	2.06E-09	6.13E-11	2.81E-03	4.53E-05	1.53E-03	1.11E-08	3.13E-05	8.47E-03	1.71E-01	0.00E+00	2.26E-10	2.96E-10	3.43E-05	8.04E-07	2.28E-02	0.00E+00	1.71E-01	4.33E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MCA613	9.48E-06	1.32E-02	1.26E-03	5.59E-03	0.00E+00	0.00E+00	8.54E-02	7.46E-08	7.92E-06	2.63E-05	0.00E+00	1.17E-04	6.14E-10	2.07E-11	9.14E-04	4.49E-06	4.49E-04	3.11E-08	6.76E-06	4.20E-03	3.97E-02	0.00E+00	4.23E-11	6.18E-11	6.99E-06	1.16E-08	5.13E-03	0.00E+00	3.97E-02	1.28E-10	3.97E-02	4.48E-02	5.13E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCA616	8.50E-05	3.84E-02	7.08E-03	3.05E-02	0.00E+00	0.00E+00	4.39E-01	4.18E-07	4.04E-05	2.52E-04	0.00E+00	7.45E-04	3.36E-09	9.82E-11	4.54E-03	8.17E-05	2.51E-03	5.64E-09	5.33E-05	1.24E-02	2.90E-01	0.00E+00	3.92E-10	5.07E-10	5.89E-05	1.51E-06	3.87E-02	0.00E+00	2.90E-01	7.10E-10	2.90E-01	3.28E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
MCA620	8.06E-05	3.47E-02	6.76E-03	2.92E-02	0.00E+00	0.00E+00	4.20E-01	3.99E-07	3.87E-05	2.39E-04	0.00E+00	7.10E-04	3.21E-09	9.40E-11	4.34E-03	7.70E-05	2.39E-03	2.25E-09	5.06E-05	1.21E-02	2.75E-01	0.00E+00	3.72E-10	4.82E-10	5.59E-05	1.42E-06	3.67E-02	0.00E+00	2.75E-01	6.78E-10	2.75E-01	3.12E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
MCA625	9.26E-05	4.28E-02	7.68E-03	3.31E-02	0.00E+00	0.00E+00	4.76E-01	4.53E-07	4.38E-05	2.75E-04	0.00E+00	8.09E-04	3.65E-09	1.06E-10	4.91E-03	8.92E-05	2.72E-03	8.07E-09	5.80E-05	1.34E-02	3.15E-01	0.00E+00	4.27E-10	5.52E-10	6.41E-05	1.65E-06	4.20E-02	0.00E+00	3.15E-01	7.70E-10	3.15E-01	3.57E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MCA632	5.23E-05	1.36E-02	4.62E-03	2.00E-02	0.00E+00	0.00E+00	2.91E-01	2.73E-07	2.68E-05	1.54E-04	0.00E+00	4.78E-04	2.20E-09	6.59E-11	3.02E-03	4.76E-05	1.64E-03	1.47E-08	3.32E-05	9.25E-03	1.82E-01	0.00E+00	2.40E-10	3.15E-10	3.65E-05	8.38E-07	2.42E-02	0.00E+00	1.82E-01	4.64E-10	1.82E-01	2.07E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MCA650	2.13E-05	8.11E-03	2.25E-03	9.86E-03	0.00E+00	0.00E+00	1.47E-01	1.33E-07	1.36E-05	6.12E-05	0.00E+00	2.21E-04	1.08E-09	3.44E-11	1.55E-03	1.57E-05	7.99E-04	3.08E-08	1.42E-05	5.96E-03	7.99E-02	0.00E+00	9.66E-11	1.32E-10	1.52E-05	2.18E-07	1.05E-02	0.00E+00	7.99E-02	2.27E-10	7.99E-02	9.04E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-04
MCA663	3.76E-06	2.53E-02	3.21E-04	1.61E-03	0.00E+00	0.00E+00	2.99E-02	1.93E-08	2.83E-06	1.37E-05	0.00E+00	1.30E-05	1.75E-10	8.80E-12	3.52E-04	9.87E-06	1.18E-04	4.31E-08	1.25E-06	3.25E-03	2.87E-03	0.00E+00	1.93E-11	1.54E-11	2.05E-06	2.79E-07	5.98E-04	0.00E+00	2.87E-03	3.41E-11	2.87E-03	3.47E-03	5.98E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MCB313	7.25E-05	3.23E-02	6.05E-03	2.61E-02	0.00E+00	0.00E+00	3.76E-01	3.57E-07	3.46E-05	2.15E-04	0.00E+00	6.36E-04	2.87E-09	8.40E-11	3.88E-03	6.96E-05	2.14E-03	3.99E-09	4.55E-05	1.07E-02	2.47E-01	0.00E+00	3.34E-10	4.33E-10	5.03E-05	1.28E-06	3.30E-02	0.00E+00	2.47E-01	6.07E-10	2.47E-01	2.80E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MCB316	7.29E-05	3.26E-02	6.08E-03	2.62E-02	0.00E+00	0.00E+00	3.78E-01	3.59E-07	3.48E-05	2.16E-04	0.00E+00	6.40E-04	2.89E-09	8.44E-11	3.90E-03	7.00E-05	2.15E-03	4.20E-09	4.57E-05	1.07E-02	2.49E-01	0.00E+00	3.36E-10	4.35E-10	5.06E-05	1.29E-06	3.32E-02	0.00E+00	2.49E-01	6.10E-10	2.49E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MCC313	6.09E-05	2.44E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.96E-05	1.80E-04	0.00E+00	5.40E-04	2.45E-09	7.21E-11	3.32E-03	5.77E-05	1.83E-03	1.66E-09	3.83E-05	9.41E-03	2.09E-01	0.00E+00	2.81E-10	3.65E-10	4.23E-05	1.05E-06	2.79E-02	0.00E+00	2.09E-01	5.18E-10	2.09E-01	2.37E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
MCC316	7.05E-05	3.09E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.67E-01	3.48E-07	3.37E-05	2.09E-04	0.00E+00	6.20E-04	2.80E-09	8.20E-11	3.79E-03	6.76E-05	2.09E-03	3.04E-09	4.43E-05	1.05E-02	2.41E-01	0.00E+00	3.25E-10	4.21E-10	4.89E-05	1.24E-06	3.21E-02	0.00E+00	2.41E-01	5.92E-10	2.41E-01	2.73E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MCN001	1.46E-05	4.51E-03	1.27E-03	5.49E-03	0.00E+00	0.00E+00	7.96E-02	7.49E-08	7.34E-06	4.30E-05	0.00E+00	1.32E-04	6.05E-10	1.80E-11	8.26E-04	1.35E-05	4.50E-04	2.80E-09	9.23E-06	2.46E-03	5.05E-02	0.00E+00	6.70E-11	8.76E-11	1.01E-05	2.40E-07	6.72E-03	0.00E+00	5.05E-02	1.27E-10	5.05E-02	5.73E-02	6.72E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
MCN002	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN003	3.98E-05	2.19E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.97E-01	1.89E-07	1.81E-05	1.18E-04	0.00E+00	3.41E-04	1.52E-09	4.37E-11	2.03E-03	3.93E-05	1.13E-03	9.84E-09	2.47E-05	5.17E-03	1.34E-01	0.00E+00	1.84E-10	2.36E-10	2.75E-05	7.42E-07	1.79E-02	0.00E+00	1.34E-01	3.21E-10	1.34E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MCN004	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN006	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN008	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN010	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN013	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN016	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN020	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN025	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN032	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN040	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN099	6.85E-06	8.15E-04	6.76E-04	2.95E-03	0.00E+00	0.00E+00	4.36E-02	3.99E-08	4.02E-06	1.99E-05	0.00E+00	6.77E-05	3.25E-10	1.01E-11	4.57E-04	5.55E-06	2.40E-04	6.65E-09	4.48E-06	1.63E-03	2.50E-02	0.00E+00	3.13E-11	4.21E-11	4.84E-06	8.65E-08	3.30E-03	0.00E+00	2.50E-02	6.81E-11	2.50E-02	2.83E-02	3.30E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCN100	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN100E	1.06E-05	1.65E-03	9.66E-04	4.19E-03	0.00E+00	0.00E+00	6.13E-02	5.71E-08	5.65E-06	3.11E-05	0.00E+00	9.89E-05	4.62E-10	1.40E-11	6.38E-04	9.35E-06	3.43E-04	4.99E-09	6.78E-06	2.05E-03	3.74E-02	0.00E+00	4.86E-11	6.41E-11	7.41E-06	1.60E-07	4.96E-03	0.00E+00	3.74E-02	9.71E-11	3.74E-02	4.24E-02	4.96E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MCN101	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN101E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN101P	2.55E-05	1.18E-02	2.12E-03	9.12E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.57E-05	0.00E+00	2.23E-04	1.01E-09	2.93E-11	1.35E-03	2.46E-05	7.49E-04	2.21E-09	1.60E-05	3.68E-03	8.68E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.56E-07	1.16E-02	0.00E+00	8.68E-02	2.12E-10	8.68E-02	9.84E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.85E-04
MCN102	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN102E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN102P	2.51E-05	1.16E-02	2.09E-03	9.00E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.46E-05	0.00E+00	2.20E-04	9.92E-10	2.89E-11	1.34E-03	2.42E-05	7.40E-04	2.03E-09	1.58E-05	3.64E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.48E-07	1.14E-02	0.00E+00	8.56E-02	2.09E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04
MCN103	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN103E	1.28E-05	3.14E-03	1.13E-03	4.91E-03	0.00E+00	0.00E+00	7.15E-02	6.70E-08	6.59E-06	3.76E-05	0.00E+00	1.17E-04	5.41E-10	1.62E-11	7.43E-04	1.16E-05	4.02E-04	3.93E-09	8.13E-06	2.29E-03	4.46E-02	0.00E+00	5.87E-11	7.70E-11	8.91E-06	2.03E-07	5.93E-03	0.00E+00	4.46E-02	1.14E-10	4.46E-02	5.06E-02	5.93E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MCN103P	1.76E-05	6.46E-03	1.51E-03	6.52E-03	0.00E+00	0.00E+00	9.42E-02	8.91E-08	8.68E-06	5.21E-05	0.00E+00	1.57E-04	7.18E-10	2.12E-11	9.76E-04	1.65E-05	5.34E-04	1.55E-09	1.11E-05	2.82E-03	6.07E-02	0.00E+00	8.12E-11	1.06E-10	1.23E-05	3.00E-07	8.09E-03	0.00E+00	6.07E-02	1.51E-10	6.07E-02	6.88E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-04
MCN104	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN104E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN104P	2.50E-05	1.15E-02	2.08E-03	8.95E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.18E-05	7.42E-05	0.00E+00	2.19E-04	9.86E-10	2.87E-11	1.33E-03	2.41E-05	7.35E-04	2.04E-09	1.57E-05	3.62E-03	8.51E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.46E-07	1.14E-02	0.00E+00	8.51E-02	2.08E-10	8.51E-02	9.65E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.71E-04
MCN106	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN106A	4.77E-05	2.84E-02	3.79E-03	1.63E-02	0.00E+00	0.00E+00	2.32E-01	2.23E-07	2.13E-05	1.42E-04	0.00E+00	4.04E-04	1.79E-09	5.12E-11	2.38E-03	4.77E-05	1.34E-03	1.57E-08	2.96E-05	5.86E-03	1.60E-01	0.00E+00	2.21E-10	2.83E-10	3.29E-05	9.09E-07	2.14E-02	0.00E+00	1.60E-01	3.79E-10	1.60E-01	1.81E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MCN106E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN106P	8.24E-05	5.20E-02	6.47E-03	2.77E-02	0.00E+00	0.00E+00	3.95E-01	3.82E-07	3.63E-05	2.46E-04	0.00E+00	6.94E-04	3.06E-09	8.70E-11	4.05E-03	8.32E-05	2.29E-03	3.23E-08	5.10E-05	9.68E-03	2.75E-01	0.00E+00	3.81E-10	4.88E-10	5.68E-05	1.60E-06	3.68E-02	0.00E+00	2.75E-01	6.48E-10	2.75E-01	3.12E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
MCN110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN110A	1.17E-05	3.67E-03	1.02E-03	4.41E-03	0.00E+00	0.00E+00	6.40E-02	6.03E-08	5.90E-06	3.46E-05	0.00E+00	1.06E-04	4.86E-10	1.44E-11	6.64E-04	1.08E-05	3.62E-04	2.17E-09	7.43E-06	1.98E-03	4.07E-02	0.00E+00	5.40E-11	7.05E-11	8.17E-06	1.94E-07	5.41E-03	0.00E+00	4.07E-02	1.02E-10	4.07E-02	4.61E-02	5.41E-03	0.00E+00	0.00E+00	0.00E+00	3.11E-04
MCN110E	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN110P	9.34E-05	6.06E-02	7.28E-03	3.12E-02	0.00E+00	0.00E+00	4.44E-01	4.30E-07	4.08E-05	2.79E-04	0.00E+00	7.83E-04	3.44E-09	9.76E-11	4.55E-03	9.47E-05	2.58E-03	3.97E-08	5.77E-05	1.07E-02	3.11E-01	0.00E+00	4.32E-10	5.52E-10	6.43E-05	1.82E-06	4.16E-02	0.00E+00	3.11E-01	7.29E-10	3.11E-01	3.52E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03

MCN113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN113E	1.54E-05	5.94E-03	1.31E-03	5.65E-03	0.00E+00	0.00E+00	8.16E-02	7.72E-08	7.51E-06	4.55E-05	0.00E+00	1.37E-04	6.22E-10	1.83E-11	8.44E-04	1.45E-05	4.63E-04	8.04E-10	9.69E-06	2.41E-03	5.28E-02	0.00E+00	7.08E-11	9.21E-11	1.07E-05	2.64E-07	7.04E-03	0.00E+00	5.28E-02	1.31E-10	5.28E-02	5.99E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
MCN116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN116A	1.00E-05	2.51E-03	8.91E-04	3.86E-03	0.00E+00	0.00E+00	5.61E-02	5.26E-08	5.17E-06	2.96E-05	0.00E+00	9.19E-05	4.25E-10	1.27E-11	5.83E-04	9.11E-06	3.16E-04	3.01E-09	6.39E-06	1.79E-03	3.51E-02	0.00E+00	4.61E-11	6.05E-11	7.01E-06	1.60E-07	4.66E-03	0.00E+00	3.51E-02	8.95E-11	3.51E-02	3.97E-02	4.66E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MCN116E	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN116P	3.25E-05	1.80E-02	2.61E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.54E-07	1.48E-05	9.68E-05	0.00E+00	2.78E-04	1.24E-09	3.56E-11	1.65E-03	3.21E-05	9.25E-04	8.30E-09	2.02E-05	4.20E-03	1.09E-01	0.00E+00	1.50E-10	1.93E-10	2.24E-05	6.07E-07	1.46E-02	0.00E+00	1.09E-01	2.62E-10	1.09E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.79E-04
MCN120	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN120A	1.34E-05	4.34E-03	1.16E-03	5.02E-03	0.00E+00	0.00E+00	7.27E-02	6.85E-08	6.70E-06	3.95E-05	0.00E+00	1.21E-04	5.53E-10	1.64E-11	7.54E-04	1.24E-05	4.11E-04	2.20E-09	8.47E-06	2.23E-03	4.63E-02	0.00E+00	6.16E-11	8.04E-11	9.32E-06	2.22E-07	6.16E-03	0.00E+00	4.63E-02	1.16E-10	4.63E-02	5.25E-02	6.16E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
MCN120E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN120P	1.72E-05	7.39E-03	1.45E-03	6.23E-03	0.00E+00	0.00E+00	8.99E-02	8.53E-08	8.27E-06	5.11E-05	0.00E+00	1.52E-04	6.87E-10	2.01E-11	9.29E-04	1.65E-05	5.12E-04	4.35E-10	1.08E-05	2.58E-03	5.89E-02	0.00E+00	7.94E-11	1.03E-10	1.20E-05	3.02E-07	7.85E-03	0.00E+00	5.89E-02	1.45E-10	5.89E-02	6.67E-02	7.85E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-04
MCN125	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN125A	8.05E-06	3.97E-04	7.58E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.46E-06	2.35E-05	0.00E+00	7.69E-05	3.63E-10	1.11E-11	5.05E-04	6.88E-06	2.69E-04	5.35E-09	5.20E-06	1.70E-03	2.88E-02	0.00E+00	3.69E-11	4.90E-11	5.66E-06	1.14E-07	3.81E-03	0.00E+00	2.88E-02	7.62E-11	2.88E-02	3.26E-02	3.81E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MCN125E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN125P	2.09E-05	8.77E-03	1.76E-03	7.61E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.21E-05	0.00E+00	1.85E-04	8.38E-10	2.46E-11	1.13E-03	2.00E-05	6.24E-04	1.51E-10	1.32E-05	3.17E-03	7.17E-02	0.00E+00	9.65E-11	1.25E-10	1.45E-05	3.66E-07	9.56E-03	0.00E+00	7.17E-02	1.77E-10	7.17E-02	8.12E-02	9.56E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
MCN132	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN132A	2.95E-05	1.48E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.43E-07	1.37E-05	8.76E-05	0.00E+00	2.55E-04	1.15E-09	3.32E-11	1.54E-03	2.87E-05	8.55E-04	4.60E-09	1.84E-05	4.07E-03	9.98E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.36E-07	1.33E-02	0.00E+00	9.98E-02	2.42E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.94E-04
MCN132E	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN132P	2.09E-05	8.77E-03	1.76E-03	7.61E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.21E-05	0.00E+00	1.85E-04	8.38E-10	2.46E-11	1.13E-03	2.00E-05	6.24E-04	1.51E-10	1.32E-05	3.17E-03	7.17E-02	0.00E+00	9.65E-11	1.25E-10	1.45E-05	3.66E-07	9.56E-03	0.00E+00	7.17E-02	1.77E-10	7.17E-02	8.12E-02	9.56E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
MCN140	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN140A	3.35E-05	1.75E-02	2.73E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.61E-07	1.55E-05	9.97E-05	0.00E+00	2.89E-04	1.29E-09	3.74E-11	1.73E-03	3.28E-05	9.65E-04	6.57E-09	2.09E-05	4.51E-03	1.13E-01	0.00E+00	1.55E-10	1.99E-10	2.32E-05	6.16E-07	1.51E-02	0.00E+00	1.13E-01	2.73E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	9.04E-04
MCN140E	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN140P	2.09E-05	8.77E-03	1.76E-03	7.61E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.21E-05	0.00E+00	1.85E-04	8.38E-10	2.46E-11	1.13E-03	2.00E-05	6.24E-04	1.51E-10	1.32E-05	3.17E-03	7.17E-02	0.00E+00	9.65E-11	1.25E-10	1.45E-05	3.66E-07	9.56E-03	0.00E+00	7.17E-02	1.77E-10	7.17E-02	8.12E-02	9.56E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
MCN150	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN150A	3.30E-05	1.45E-02	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.70E-01	1.61E-07	1.56E-05	9.70E-05	0.00E+00	2.87E-04	1.30E-09	3.79E-11	1.75E-03	3.14E-05	9.68E-04	0.00E+00	2.04E-05	4.82E-03	1.12E-01	0.00E+00	1.51E-10	1.95E-10	2.27E-05	5.78E-07	1.49E-02	0.00E+00	1.12E-01	2.74E-10	1.12E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-04
MCN150E	2.24E-05	9.60E-03	1.88E-03	8.09E-03	0.00E+00	0.00E+00	1.17E-01	1.11E-07	1.07E-05	6.63E-05	0.00E+00	1.97E-04	8.91E-10	2.61E-11	1.20E-03	2.14E-05	6.64E-04	5.85E-10	1.40E-05	3.35E-03	7.64E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	3.92E-07	1.02E-02	0.00E+00	7.64E-02	1.88E-10	7.64E-02	8.66E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-04
MCN150P	5.89E-07	5.60E-03	2.07E-04	9.48E-04	0.00E+00	0.00E+00	1.53E-02	1.23E-08	1.43E-06	1.11E-06	0.00E+00	1.66E-05	1.04E-10	3.95E-12	1.69E-04	9.90E-07	7.43E-05	1.06E-08	6.44E-07	1.03E-03	4.48E-03	0.00E+00	2.22E-12	5.27E-12	5.47E-07	4.23E-08	5.44E-04	0.00E+00	4.48E-03	2.12E-11	4.48E-03	5.02E-03	5.44E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-06
MCN163	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN163A	3.82E-05	2.04E-02	3.10E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.83E-07	1.75E-05	1.14E-04	0.00E+00	3.28E-04	1.47E-09	4.23E-11	1.96E-03	3.75E-05	1.10E-03	8.31E-09	2.38E-05	5.07E-03	1.29E-01	0.00E+00	1.76E-10	2.27E-10	2.64E-05	7.07E-07	1.72E-02	0.00E+00	1.29E-01	3.10E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MCN163E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN163P	5.89E-07	5.60E-03	2.07E-04	9.48E-04	0.00E+00	0.00E+00	1.53E-02	1.23E-08	1.43E-06	1.11E-06	0.00E+00	1.66E-05	1.04E-10	3.95E-12	1.69E-04	9.90E-07	7.43E-05	1.06E-08	6.44E-07	1.03E-03	4.48E-03	0.00E+00	2.22E-12	5.27E-12	5.47E-07	4.23E-08	5.44E-04	0.00E+00	4.48E-03	2.12E-11	4.48E-03	5.02E-03	5.44E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-06
MCN200	4.05E-05	1.68E-02	3.41E-03	1.47E-02	0.00E+00	0.00E+00	2.12E-01	2.02E-07	1.96E-05	1.20E-04	0.00E+00	3.58E-04	1.62E-09	4.76E-11	2.20E-03	3.86E-05	1.21E-03	5.19E-11	2.55E-05	6.16E-03	1.39E-01	0.00E+00	1.87E-10	2.42E-10	2.81E-05	7.07E-07	1.85E-02	0.00E+00	1.39E-01	3.43E-10	1.39E-01	1.57E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MCN200E	1.66E-05	1.86E-04	1.58E-03	6.86E-03	0.00E+00	0.00E+00	1.01E-01	9.31E-08	9.30E-06	4.84E-05	0.00E+00	1.59E-04	7.55E-10	2.32E-11	1.05E-03	1.40E-05	5.59E-04	1.21E-08	1.07E-05	3.60E-03	5.95E-02	0.00E+00	7.58E-11	1.01E-10	1.17E-05	2.29E-07	7.88E-03	0.00E+00	5.95E-02	1.59E-10	5.95E-02	6.74E-02	7.88E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
MCN201	4.71E-05	2.14E-02	3.92E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.32E-07	2.24E-05	1.40E-04	0.00E+00	4.13E-04	1.86E-09	5.44E-11	2.51E-03	4.53E-05	1.39E-03	3.28E-09	2.95E-05	6.88E-03	1.61E-01	0.00E+00	2.17E-10	2.81E-10	3.27E-05	8.38E-07	2.14E-02	0.00E+00	1.61E-01	3.93E-10	1.61E-01	1.82E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MCN201E	2.64E-05	6.84E-03	2.33E-03	1.01E-02	0.00E+00	0.00E+00	1.47E-01	1.38E-07	1.35E-05	7.77E-05	0.00E+00	2.41E-04	1.11E-09	3.33E-11	1.53E-03	2.40E-05	8.26E-04	7.45E-09	1.68E-05	4.67E-03	9.20E-02	0.00E+00	1.21E-10	1.59E-10	1.84E-05	4.23E-07	1.22E-02	0.00E+00	9.20E-02	2.34E-10	9.20E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	6.96E-04
MCN201P	5.05E-05	2.34E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.48E-07	2.39E-05	1.50E-04	0.00E+00	4.42E-04	1.99E-09	5.80E-11	2.68E-03	4.87E-05	1.48E-03	4.44E-09	3.17E-05	7.29E-03	1.72E-01	0.00E+00	2.33E-10	3.01E-10	3.50E-05	9.03E-07	2.30E-02	0.00E+00	1.72E-01	4.20E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MCN202	5.18E-05	2.46E-02	4.29E-03	1.85E-02	0.00E+00	0.00E+00	2.65E-01	2.53E-07	2.44E-05	1.54E-04	0.00E+00	4.52E-04	2.03E-09	5.92E-11	2.74E-03	5.01E-05	1.52E-03	5.57E-09	3.24E-05	7.39E-03	1.76E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.31E-07	2.35E-02	0.00E+00	1.76E-01	4.30E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MCN202E	2.13E-05	3.36E-03	1.94E-03	8.42E-03	0.00E+00	0.00E+00	1.23E-01	1.15E-07	1.13E-05	6.24E-05	0.00E+00	1.99E-04	9.27E-10	2.80E-11	1.28E-03	1.88E-05	6.88E-04	9.93E-09	1.36E-05	4.12E-03	7.51E-02	0.00E+00	9.76E-11	1.29E-10	1.49E-05	3.22E-07	9.97E-03	0.00E+00	7.51E-02	1.95E-10	7.51E-02	8.51E-02	9.97E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
MCN202P	5.17E-05	2.42E-02	4.29E-03	1.85E-02	0.00E+00	0.00E+00	2.66E-01	2.53E-07	2.44E-05	1.54E-04	0.00E+00	4.52E-04	2.03E-09	5.92E-11	2.74E-03	5.00E-05	1.52E-03	5.02E-09	3.24E-05	7.42E-03	1.76E-01	0.00E+00	2.39E-10	3.08E-10	3.58E-05	9.26E-07	2.35E-02	0.00E+00	1.76E-01	4.30E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MCN203	7.37E-05	4.00E-02	5.96E-03	2.56E-02	0.00E+00	0.00E+00	3.67E-01	3.52E-07	3.38E-05	2.20E-04	0.00E+00	6.33E-04	2.82E-09	8.14E-11	3.78E-03	7.27E-05	2.11E-03	1.71E-08	4.59E-05	9.70E-03	2.48E-01	0.00E+00	3.41E-10	4.38E-10	5.10E-05	1.37E-06	3.32E-02	0.00E+00	2.48E-01	5.97E-10	2.48E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN203E	2.17E-05	3.65E-03	1.97E-03	8.56E-03	0.00E+00	0.00E+00	1.25E-01	1.17E-07	1.15E-05	6.37E-05	0.00E+00	2.02E-04	9.43E-10	2.85E-11	1.30E-03	1.92E-05	7.00E-04	9.72E-09	1.39E-05	4.16E-03	7.66E-02	0.00E+00	9.96E-11	1.31E-10	1.52E-05	3.30E-07	1.02E-02	0.00E+00	7.66E-02	1.98E-10	7.66E-02	8.67E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.69E-04
MCN203P	5.02E-05	2.33E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.58E-01	2.46E-07	2.38E-05	1.49E-04	0.00E+00	4.39E-04	1.98E-09	5.77E-11	2.67E-03	4.85E-05	1.48E-03	4.46E-09	3.15E-05	7.25E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	8.98E-07	2.28E-02	0.00E+00	1.71E-01	4.18E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MCN204	7.54E-05	4.11E-02	6.09E-03	2.62E-02	0.00E+00	0.00E+00	3.75E-01	3.59E-07	3.45E-05	2.24E-04	0.00E+00	6.47E-04	2.88E-09	8.31E-11	3.86E-03	7.44E-05	2.15E-03	1.79E-08	4.69E-05	9.88E-03	2.54E-01	0.00E+00	3.48E-10	4.48E-10	5.21E-05	1.40E-06	3.40E-02	0.00E+00	2.54E-01	6.10E-10	2.54E-01	2.88E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MCN204E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN204P	5.22E-05	2.47E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.56E-04	2.05E-09	5.97E-11	2.76E-03	5.05E-05	1.53E-03	5.43E-09	3.27E-05	7.46E-03	1.78E-01	0.00E+00	2.41E-10	3.11E-10	3.62E-05	9.37E-07	2.37E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MCN206	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN206A	7.49E-05	4.26E-02	6.01E-03	2.58E-02	0.00E+00	0.00E+00	3.69E-01	3.54E-07	3.39E-05	2.23E-04	0.00E+00	6.40E-04	2.84E-09	8.16E-11	3.79E-03	7.44E-05	2.12E-03	2.10E-08	4.66E-05	9.54E-03	2.52E-01	0.00E+00	3.46E-10	4.45E-10	5.17E-05	1.41E-06	3.37E-02	0.00E+00	2.52E-01	6.02E-10	2.52E-01	2.85E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MCN206E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN206P	5.03E-05	2.40E-02	4.16E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.45E-07	2.37E-05	1.49E-04	0.00E+00	4.39E-04	1.97E-09	5.74E-11	2.66E-03	4.87E-05	1.47E-03	5.59E-09	3.15E-05	7.16E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.49E-05	9.05E-07	2.28E-02	0.00E+00	1.71E-01	4.17E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MCN208E	6.06E-05	3.29E-02	4.90E-03	2.11E-02	0.00E+00	0.00E+00	3.02E-01	2.89E-07	2.78E-05	1.81E-04	0.00E+00	5.21E-04	2.32E-09	6.70E-11	3.11E-03	5.97E-05	1.73E-03	1.40E-08	3.78E-05	7.98E-03	2.04E-01	0.00E+00	2.80E-10	3.60E-10	4.19E-05	1.13E-06	2.73E-02	0.00E+00	2.04E-01	4.91E-10	2.04E-01	2.32E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
MCN210	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MCN210A	6.59E-05	3.65E-02	5.31E-03	2.28E-02	0.00E+00	0.00E+00	3.27E-01	3.13E-07	3.00E-05	1.96E-04	0.00E+00	5.65E-04	2.52E-09	7.24E-11	3.36E-03	6.52E-05	1.88E-03	1.66E-08	4.10E-05	8.56E-03	2.22E-01	0.00E+00	3.05E-10	3.91E-10	4.55E-05	1.23E-06	2.97E-02	0.00E+00	2.22E-01	5.32E-10	2.22E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
MCN210E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN210P	5.67E-05	3.04E-02	4.59E-03	1.97E-02	0.00E+00	0.00E+00	2.83E-01	2.71E-07	2.60E-05	1.69E-04	0.00E+00	4.88E-04	2.18E-09	6.28E-11	2.91E-03	5.58E-05	1.63E-03	1.26E-08	3.53E-05	7.51E-03	1.91E-01	0.00E+00	2.62E-10	3.37E-10	3.92E-05	1.05E-06	2.56E-02	0.00E+00	1.91E-01	4.60E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
MCN213	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN213E	3.24E-05	1.30E-02	2.74E-03	1.18E-02	0.00E+00	0.00E+00	1.71E-01	1.62E-07	1.57E-05	9.59E-05	0.00E+00	2.87E-04	1.30E-09	3.83E-11	1.76E-03	3.07E-05	9.70E-04	7.42E-10	2.04E-05	4.99E-03	1.11E-01	0.00E+00	1.49E-10	1.94E-10	2.25E-05	5.60E-07	1.48E-02	0.00E+00	1.11E-01	2.75E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.65E-04
MCN216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN216A	1.74E-05	3.22E-03	1.57E-03	6.81E-03	0.00E+00	0.00E+00	9.94E-02	9.27E-08	9.16E-06	5.10E-05	0.00E+00	1.61E-04	7.50E-10	2.26E-11	1.03E-03	1.55E-05	5.57E-04	7.23E-09	1.11E-05	3.28E-03	6.11E-02	0.00E+00	7.97E-11	1.05E-10	1.21E-05	2.67E-07	8.11E-03	0.00E+00	6.11E-02	1.58E-10	6.11E-02	6.92E-02	8.11E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-04
MCN216E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN216P	5.67E-05	3.04E-02	4.59E-03	1.97E-02	0.00E+00	0.00E+00	2.83E-01	2.71E-07	2.60E-05	1.69E-04	0.00E+00	4.88E-04	2.18E-09	6.28E-11	2.91E-03	5.58E-05	1.63E-03	1.26E-08	3.53E-05	7.51E-03	1.91E-01	0.00E+00	2.62E-10	3.37E-10	3.92E-05	1.05E-06	2.56E-02	0.00E+00	1.91E-01	4.60E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
MCN220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN220A	1.83E-05	3.58E-03	1.65E-03	7.14E-03	0.00E+00	0.00E+00	1.04E-01	9.72E-08	9.60E-06	5.37E-05	0.00E+00	1.69E-04	7.86E-10	2.37E-11	1.08E-03	1.63E-05	5.84E-04	7.26E-09	1.17E-05	3.42E-03	6.42E-02	0.00E+00	8.38E-11	1.10E-10	1.28E-05	2.82E-07	8.52E-03	0.00E+00	6.42E-02	1.65E-10	6.42E-02	7.27E-02	8.52E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04
MCN220E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN220P	4.75E-05	2.16E-02	3.95E-03	1.70E-02	0.00E+00	0.00E+00	2.45E-01	2.33E-07	2.26E-05	1.41E-04	0.00E+00	4.16E-04	1.88E-09	5.48E-11	2.53E-03	4.57E-05	1.40E-03	3.47E-09	2.98E-05	6.92E-03	1.62E-01	0.00E+00	2.19E-10	2.84E-10	3.29E-05	8.46E-07	2.16E-02	0.00E+00	1.62E-01	3.97E-10	1.62E-01	1.84E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MCN225	1.72E-05	1.98E-03	1.59E-03	6.92E-03	0.00E+00	0.00E+00	1.01E-01	9.40E-08	9.33E-06	5.05E-05	0.00E+00	1.62E-04	7.61E-10	2.31E-11	1.06E-03	1.50E-05	5.65E-04	9.40E-09	1.11E-05	3.45E-03	6.12E-02	0.00E+00	7.90E-11	1.05E-10	1.21E-05	2.54E-07	8.11E-03	0.00E+00	6.12E-02	1.60E-10	6.12E-02	6.93E-02	8.11E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-04
MCN225A	3.82E-05	1.66E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.13E-04	0.00E+00	3.36E-04	1.52E-09	4.45E-11	2.06E-03	3.65E-05	1.13E-03	1.27E-09	2.40E-05	5.70E-03	1.31E-01	0.00E+00	1.76E-10	2.28E-10	2.65E-05	6.72E-07	1.74E-02	0.00E+00	1.31E-01	3.21E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
MCN225E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN225P	4.75E-05	2.16E-02	3.95E-03	1.70E-02	0.00E+00	0.00E+00	2.45E-01	2.33E-07	2.26E-05	1.41E-04	0.00E+00	4.16E-04	1.88E-09	5.48E-11	2.53E-03	4.57E-05	1.40E-03	3.47E-09	2.98E-05	6.92E-03	1.62E-01	0.00E+00	2.19E-10	2.84E-10	3.29E-05	8.46E-07	2.16E-02	0.00E+00	1.62E-01	3.97E-10	1.62E-01	1.84E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MCN232	7.93E-05	4.38E-02	6.39E-03	2.74E-02	0.00E+00	0.00E+00	3.93E-01	3.77E-07	3.61E-05	2.36E-04	0.00E+00	6.79E-04	3.03E-09	8.71E-11	4.04E-03	7.83E-05	2.26E-03	1.99E-08	4.93E-05	1.03E-02	2.67E-01	0.00E+00	3.66E-10	4.71E-10	5.48E-05	1.48E-06	3.57E-02	0.00E+00	2.67E-01	6.40E-10	2.67E-01	3.02E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
MCN232A	6.54E-05	3.41E-02	5.32E-03	2.29E-02	0.00E+00	0.00E+00	3.28E-01	3.14E-07	3.02E-05	1.95E-04	0.00E+00	5.64E-04	2.52E-09	7.30E-11	3.38E-03	6.41E-05	1.88E-03	1.26E-08	4.08E-05	8.83E-03	2.21E-01	0.00E+00	3.02E-10	3.89E-10	4.52E-05	1.20E-06	2.95E-02	0.00E+00	2.21E-01	5.34E-10	2.21E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MCN232E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN232P	3.55E-05	1.32E-02	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.89E-01	1.79E-07	1.74E-05	1.05E-04	0.00E+00	3.17E-04	1.44E-09	4.26E-11	1.96E-03	3.34E-05	1.07E-03	2.83E-09	2.24E-05	5.65E-03	1.22E-01	0.00E+00	1.63E-10	2.13E-10	2.47E-05	6.04E-07	1.63E-02	0.00E+00	1.22E-01	3.04E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.46E-04
MCN240	7.15E-05	3.85E-02	5.79E-03	2.49E-02	0.00E+00	0.00E+00	3.57E-01	3.42E-07	3.28E-05	2.13E-04	0.00E+00	6.15E-04	2.75E-09	7.92E-11	3.67E-03	7.04E-05	2.05E-03	1.60E-08	4.46E-05	9.47E-03	2.41E-01	0.00E+00	3.30E-10	4.25E-10	4.94E-05	1.33E-06	3.22E-02	0.00E+00	2.41E-01	5.80E-10	2.41E-01	2.73E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MCN240A	6.87E-05	3.63E-02	5.58E-03	2.40E-02	0.00E+00	0.00E+00	3.44E-01	3.29E-07	3.16E-05	2.04E-04	0.00E+00	5.92E-04	2.64E-09	7.64E-11	3.54E-03	6.75E-05	1.97E-03	1.42E-08	4.28E-05	9.19E-03	2.32E-01	0.00E+00	3.17E-10	4.08E-10	4.75E-05	1.27E-06	3.10E-02	0.00E+00	2.32E-01	5.59E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
MCN240E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN240P	3.55E-05	1.32E-02	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.89E-01	1.79E-07	1.74E-05	1.05E-04	0.00E+00	3.17E-04	1.44E-09	4.26E-11	1.96E-03	3.34E-05	1.07E-03	2.83E-09	2.24E-05	5.65E-03	1.22E-01	0.00E+00	1.63E-10	2.13E-10	2.47E-05	6.04E-07	1.63E-02	0.00E+00	1.22E-01	3.04E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.46E-04
MCN250	2.36E-05	4.94E-03	2.12E-03	9.18E-03	0.00E+00	0.00E+00	1.34E-01	1.25E-07	1.23E-05	6.94E-05	0.00E+00	2.18E-04	1.01E-09	3.04E-11	1.39E-03	2.12E-05	7.51E-04	8.80E-09	1.51E-05	4.37E-03	8.28E-02	0.00E+00	1.08E-10	1.42E-10	1.65E-05	3.68E-07	1.10E-02	0.00E+00	8.28E-02	2.13E-10	8.28E-02	9.38E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.20E-04
MCN250A	7.01E-05	3.67E-02	5.71E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.37E-07	3.24E-05	2.09E-04	0.00E+00	6.05E-04	2.71E-09	7.82E-11	3.62E-03	6.87E-05	2.02E-03	1.37E-08	4.37E-05	9.45E-03	2.37E-01	0.00E+00	3.24E-10	4.17E-10	4.85E-05	1.29E-06	3.17E-02	0.00E+00	2.37E-01	5.72E-10	2.37E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MCN250E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN250P	5.58E-07	1.22E-02	2.74E-04	1.30E-03	0.00E+00	0.00E+00	2.20E-02	1.63E-08	2.06E-06	2.94E-06	0.00E+00	1.83E-05	1.41E-10	5.98E-12	2.49E-04	3.69E-06	9.91E-05	2.17E-08	2.09E-07	1.84E-03	3.11E-03	0.00E+00	3.58E-12	2.45E-13	1.04E-07	1.17E-07	3.07E-04	0.00E+00	3.11E-03	2.84E-11	3.11E-03	3.42E-03	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05
MCN263	2.44E-05	5.45E-03	2.18E-03	9.46E-03	0.00E+00	0.00E+00	1.38E-01	1.29E-07	1.27E-05	7.18E-05	0.00E+00	2.25E-04	1.04E-09	3.13E-11	1.43E-03	2.20E-05	7.73E-04	8.49E-09	1.56E-05	4.46E-03	8.55E-02	0.00E+00	1.12E-10	1.47E-10	1.70E-05	3.83E-07	1.14E-02	0.00E+00	8.55E-02	2.19E-10	8.55E-02	9.68E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.43E-04
MCN263A	2.55E-05	6.10E-03	2.27E-03	9.83E-03	0.00E+00	0.00E+00	1.43E-01	1.34E-07	1.32E-05	7.50E-05	0.00E+00	2.34E-04	1.08E-09	3.24E-11	1.49E-03	2.31E-05	8.04E-04	8.13E-09	1.62E-05	4.60E-03	8.91E-02	0.00E+00	1.17E-10	1.54E-10	1.78E-05	4.04E-07	1.18E-02	0.00E+00	8.91E-02	2.28E-10	8.91E-02	1.01E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MCN263E	2.57E-05	6.35E-03	2.28E-03	9.89E-03	0.00E+00	0.00E+00	1.44E-01	1.35E-07	1.33E-05	7.57E-05	0.00E+00	2.36E-04	1.09E-09	3.26E-11	1.50E-03	2.33E-05	8.09E-04	7.85E-09	1.64E-05	4.61E-03	8.99E-02	0.00E+00	1.18E-10	1.55E-10	1.80E-05	4.09E-07	1.19E-02	0.00E+00	8.99E-02	2.29E-10	8.99E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.79E-04
MCN263P	5.58E-07	1.22E-02	2.74E-04	1.30E-03	0.00E+00	0.00E+00	2.20E-02	1.63E-08	2.06E-06	2.94E-06	0.00E+00	1.83E-05	1.41E-10	5.98E-12	2.49E-04	3.69E-06	9.91E-05	2.17E-08	2.09E-07	1.84E-03	3.11E-03	0.00E+00	3.58E-12	2.45E-13	1.04E-07	1.17E-07	3.07E-04	0.00E+00	3.11E-03	2.84E-11	3.11E-03	3.42E-03	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05
MCN300	4.05E-05	1.17E-02	3.55E-03	1.54E-02	0.00E+00	0.00E+00	2.23E-01	2.10E-07	2.06E-05	1.20E-04	0.00E+00	3.68E-04	1.69E-09	5.05E-11	2.32E-03	3.72E-05	1.26E-03	9.26E-09	2.57E-05	6.99E-03	1.41E-01	0.00E+00	1.86E-10	2.44E-10	2.83E-05	6.61E-07	1.87E-02	0.00E+00	1.41E-01	3.57E-10	1.41E-01	1.60E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MCN300E	3.05E-05	4.23E-03	2.80E-03	1.22E-02	0.00E+00	0.00E+00	1.78E-01	1.65E-07	1.64E-05	8.95E-05	0.00E+00	2.86E-04	1.34E-09	4.06E-11	1.85E-03	2.68E-05	9.93E-04	1.53E-08	1.96E-05	6.00E-03	1.08E-01	0.00E+00	1.40E-10	1.85E-10	2.14E-05	4.56E-07	1.43E-02	0.00E+00	1.08E-01	2.81E-10	1.08E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04

MCN301	7.90E-05	3.78E-02	6.53E-03	2.81E-02	0.00E+00	0.00E+00	4.04E-01	3.85E-07	3.72E-05	2.35E-04	0.00E+00	6.88E-04	3.10E-09	9.01E-11	4.17E-03	7.65E-05	2.31E-03	9.11E-09	4.94E-05	1.12E-02	2.68E-01	0.00E+00	3.65E-10	4.71E-10	5.47E-05	1.42E-06	3.58E-02	0.00E+00	2.68E-01	6.54E-10	2.68E-01	3.04E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
MCN301E	3.67E-05	8.47E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.32E-05	1.16E-03	1.23E-08	2.34E-05	6.68E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.79E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
MCN301P	7.65E-05	3.57E-02	6.34E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.74E-07	3.62E-05	2.27E-04	0.00E+00	6.68E-04	3.01E-09	8.77E-11	4.06E-03	7.39E-05	2.25E-03	7.13E-09	4.79E-05	1.10E-02	2.60E-01	0.00E+00	3.53E-10	4.56E-10	5.30E-05	1.37E-06	3.47E-02	0.00E+00	2.60E-01	6.36E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MCN302	8.22E-05	3.99E-02	6.77E-03	2.91E-02	0.00E+00	0.00E+00	4.19E-01	3.99E-07	3.85E-05	2.44E-04	0.00E+00	7.15E-04	3.21E-09	9.33E-11	4.32E-03	7.97E-05	2.40E-03	1.06E-08	5.14E-05	1.16E-02	2.79E-01	0.00E+00	3.79E-10	4.89E-10	5.69E-05	1.48E-06	3.72E-02	0.00E+00	2.79E-01	6.78E-10	2.79E-01	3.16E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MCN302E	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN302P	7.78E-05	3.66E-02	6.44E-03	2.78E-02	0.00E+00	0.00E+00	3.99E-01	3.80E-07	3.67E-05	2.31E-04	0.00E+00	6.79E-04	3.06E-09	8.91E-11	4.12E-03	7.52E-05	2.28E-03	7.76E-09	4.87E-05	1.11E-02	2.65E-01	0.00E+00	3.59E-10	4.64E-10	5.39E-05	1.39E-06	3.53E-02	0.00E+00	2.65E-01	6.46E-10	2.65E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MCN303	1.07E-04	5.80E-02	8.70E-03	3.74E-02	0.00E+00	0.00E+00	5.36E-01	5.13E-07	4.93E-05	3.20E-04	0.00E+00	9.24E-04	4.12E-09	1.19E-10	5.52E-03	1.06E-04	3.08E-03	2.43E-08	6.70E-05	1.42E-02	3.62E-01	0.00E+00	4.97E-10	6.39E-10	7.43E-05	1.99E-06	4.84E-02	0.00E+00	3.62E-01	8.72E-10	3.62E-01	4.11E-01	4.84E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
MCN303E	3.34E-05	6.22E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.82E-05	0.00E+00	3.10E-04	1.44E-09	4.35E-11	1.99E-03	2.98E-05	1.07E-03	1.39E-08	2.14E-05	6.32E-03	1.18E-01	0.00E+00	1.53E-10	2.02E-10	2.34E-05	5.14E-07	1.56E-02	0.00E+00	1.18E-01	3.04E-10	1.18E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.78E-04
MCN304	1.04E-04	5.56E-02	8.44E-03	3.63E-02	0.00E+00	0.00E+00	5.20E-01	4.98E-07	4.78E-05	3.10E-04	0.00E+00	8.95E-04	4.00E-09	1.15E-10	5.35E-03	1.02E-04	2.98E-03	2.26E-08	6.48E-05	1.38E-02	3.51E-01	0.00E+00	4.81E-10	6.18E-10	7.19E-05	1.93E-06	4.69E-02	0.00E+00	3.51E-01	8.45E-10	3.51E-01	3.98E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
MCN304E	2.40E-05	2.45E-04	2.29E-03	1.00E-02	0.00E+00	0.00E+00	1.47E-01	1.36E-07	1.36E-05	7.00E-05	0.00E+00	2.32E-04	1.10E-09	3.38E-11	1.54E-03	2.01E-05	8.14E-04	1.85E-08	1.56E-05	5.29E-03	8.64E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.26E-07	1.14E-02	0.00E+00	8.64E-02	2.31E-10	8.64E-02	9.78E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-04
MCN304P	7.50E-05	3.47E-02	6.23E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.68E-07	3.55E-05	2.23E-04	0.00E+00	6.56E-04	2.96E-09	8.62E-11	3.98E-03	7.24E-05	2.20E-03	6.57E-09	4.70E-05	1.08E-02	2.55E-01	0.00E+00	3.46E-10	4.48E-10	5.20E-05	1.34E-06	3.41E-02	0.00E+00	2.55E-01	6.24E-10	2.55E-01	2.89E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MCN306	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN306A	1.00E-04	5.54E-02	8.06E-03	3.46E-02	0.00E+00	0.00E+00	4.96E-01	4.75E-07	4.56E-05	2.98E-04	0.00E+00	8.57E-04	3.82E-09	1.10E-10	5.10E-03	9.89E-05	2.85E-03	2.53E-08	6.22E-05	1.30E-02	3.37E-01	0.00E+00	4.62E-10	5.94E-10	6.91E-05	1.87E-06	4.50E-02	0.00E+00	3.37E-01	8.07E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MCN306E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN306P	7.50E-05	3.57E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.66E-07	3.53E-05	2.23E-04	0.00E+00	6.54E-04	2.94E-09	8.56E-11	3.96E-03	7.26E-05	2.20E-03	8.25E-09	4.70E-05	1.07E-02	2.55E-01	0.00E+00	3.46E-10	4.47E-10	5.20E-05	1.35E-06	3.40E-02	0.00E+00	2.55E-01	6.22E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MCN308	9.37E-05	5.11E-02	7.57E-03	3.25E-02	0.00E+00	0.00E+00	4.66E-01	4.46E-07	4.28E-05	2.79E-04	0.00E+00	8.04E-04	3.59E-09	1.03E-10	4.79E-03	9.24E-05	2.68E-03	2.22E-08	5.83E-05	1.23E-02	3.16E-01	0.00E+00	4.33E-10	5.56E-10	6.47E-05	1.74E-06	4.22E-02	0.00E+00	3.16E-01	7.58E-10	3.16E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
MCN310	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCN310A	1.01E-03	6.93E-01	7.82E-02	3.35E-01	0.00E+00	0.00E+00	4.75E+00	4.61E-06	4.37E-04	3.04E-03	0.00E+00	8.44E-03	3.69E-08	1.04E-09	4.86E-02	1.04E-03	2.76E-02	4.95E-07	6.25E-04	1.10E-01	3.36E+00	0.00E+00	4.70E-09	5.99E-09	6.98E-04	2.01E-05	4.50E-01	0.00E+00	3.36E+00	7.82E-09	3.36E+00	3.81E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	2.77E-02
MCN310E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCN310P	3.49E-04	2.26E-01	2.73E-02	1.17E-01	0.00E+00	0.00E+00	1.66E+00	1.61E-06	1.53E-04	1.04E-03	0.00E+00	2.93E-03	1.29E-08	3.65E-10	1.70E-02	3.54E-04	9.64E-03	1.47E-07	2.16E-04	4.01E-02	1.16E+00	0.00E+00	1.62E-09	2.06E-09	2.41E-04	6.82E-06	1.56E-01	0.00E+00	1.16E+00	2.73E-09	1.16E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.52E-03
MCN313	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN313E	1.01E-04	5.60E-02	8.12E-03	3.49E-02	0.00E+00	0.00E+00	4.99E-01	4.79E-07	4.59E-05	3.00E-04	0.00E+00	8.64E-04	3.85E-09	1.11E-10	5.14E-03	9.97E-05	2.87E-03	2.57E-08	6.27E-05	1.31E-02	3.39E-01	0.00E+00	4.66E-10	5.99E-10	6.97E-05	1.89E-06	4.54E-02	0.00E+00	3.39E-01	8.13E-10	3.39E-01	3.85E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MCN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN316A	5.85E-05	2.63E-02	4.87E-03	2.10E-02	0.00E+00	0.00E+00	3.02E-01	2.88E-07	2.78E-05	1.73E-04	0.00E+00	5.13E-04	2.31E-09	6.75E-11	3.12E-03	5.62E-05	1.72E-03	3.77E-09	3.67E-05	8.56E-03	1.99E-01	0.00E+00	2.70E-10	3.49E-10	4.05E-05	1.04E-06	2.66E-02	0.00E+00	1.99E-01	4.89E-10	1.99E-01	2.26E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MCN316E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCN316P	6.43E-05	3.12E-02	5.30E-03	2.28E-02	0.00E+00	0.00E+00	3.28E-01	3.12E-07	3.01E-05	1.91E-04	0.00E+00	5.59E-04	2.51E-09	7.30E-11	3.38E-03	6.24E-05	1.87E-03	8.29E-09	4.02E-05	9.04E-03	2.18E-01	0.00E+00	2.97E-10	3.83E-10	4.45E-05	1.16E-06	2.91E-02	0.00E+00	2.18E-01	5.31E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MCN320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN320A	5.65E-05	2.47E-02	4.73E-03	2.04E-02	0.00E+00	0.00E+00	2.94E-01	2.79E-07	2.70E-05	1.67E-04	0.00E+00	4.97E-04	2.25E-09	6.57E-11	3.03E-03	5.41E-05	1.67E-03	2.26E-09	3.54E-05	8.39E-03	1.93E-01	0.00E+00	2.60E-10	3.37E-10	3.92E-05	9.96E-07	2.57E-02	0.00E+00	1.93E-01	4.74E-10	1.93E-01	2.19E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MCN320E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN320P	7.13E-05	3.26E-02	5.93E-03	2.55E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.38E-05	2.12E-04	0.00E+00	6.24E-04	2.82E-09	8.21E-11	3.80E-03	6.86E-05	2.10E-03	5.42E-09	4.47E-05	1.04E-02	2.43E-01	0.00E+00	3.29E-10	4.25E-10	4.94E-05	1.27E-06	3.24E-02	0.00E+00	2.43E-01	5.95E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MCN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN325A	5.45E-05	2.29E-02	4.58E-03	1.98E-02	0.00E+00	0.00E+00	2.85E-01	2.71E-07	2.62E-05	1.61E-04	0.00E+00	4.81E-04	2.18E-09	6.39E-11	2.95E-03	5.19E-05	1.62E-03	5.24E-10	3.42E-05	8.24E-03	1.86E-01	0.00E+00	2.51E-10	3.26E-10	3.78E-05	9.52E-07	2.49E-02	0.00E+00	1.86E-01	4.60E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MCN325E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN325P	7.13E-05	3.26E-02	5.93E-03	2.55E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.38E-05	2.12E-04	0.00E+00	6.24E-04	2.82E-09	8.21E-11	3.80E-03	6.86E-05	2.10E-03	5.42E-09	4.47E-05	1.04E-02	2.43E-01	0.00E+00	3.29E-10	4.25E-10	4.94E-05	1.27E-06	3.24E-02	0.00E+00	2.43E-01	5.95E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MCN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN332A	9.89E-05	5.18E-02	8.05E-03	3.46E-02	0.00E+00	0.00E+00	4.96E-01	4.75E-07	4.57E-05	2.94E-04	0.00E+00	8.53E-04	3.82E-09	1.10E-10	5.11E-03	9.70E-05	2.85E-03	1.96E-08	6.17E-05	1.33E-02	3.34E-01	0.00E+00	4.57E-10	5.88E-10	6.84E-05	1.82E-06	4.47E-02	0.00E+00	3.34E-01	8.06E-10	3.34E-01	3.79E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MCN332E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN332P	4.70E-05	1.55E-02	4.07E-03	1.76E-02	0.00E+00	0.00E+00	2.55E-01	2.40E-07	2.35E-05	1.39E-04	0.00E+00	4.23E-04	1.94E-09	5.75E-11	2.64E-03	4.37E-05	1.44E-03	7.26E-09	2.98E-05	7.80E-03	1.63E-01	0.00E+00	2.16E-10	2.82E-10	3.27E-05	7.84E-07	2.17E-02	0.00E+00	1.63E-01	4.09E-10	1.63E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
MCN340	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN340A	9.69E-05	5.03E-02	7.89E-03	3.40E-02	0.00E+00	0.00E+00	4.87E-01	4.66E-07	4.48E-05	2.88E-04	0.00E+00	8.36E-04	3.74E-09	1.08E-10	5.02E-03	9.49E-05	2.79E-03	1.83E-08	6.04E-05	1.31E-02	3.27E-01	0.00E+00	4.47E-10	5.76E-10	6.70E-05	1.78E-06	4.37E-02	0.00E+00	3.27E-01	7.91E-10	3.27E-01	3.71E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
MCN340E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN340P	7.68E-05	3.63E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.70E-04	3.02E-09	8.78E-11	4.06E-03	7.43E-05	2.25E-03	8.12E-09	4.81E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.38E-06	3.49E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MCN350	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN350A	9.45E-05	4.77E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.78E-01	4.56E-07	4.40E-05	2.81E-04	0.00E+00	8.18E-04	3.67E-09	1.06E-10	4.92E-03	9.22E-05	2.74E-03	1.55E-08	5.90E-05	1.30E-02	3.20E-01	0.00E+00	4.36E-10	5.62E-10	6.54E-05	1.72E-06	4.27E-02	0.00E+00	3.20E-01	7.75E-10	3.20E-01	3.63E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MCN350E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN350P	6.29E-05	2.54E-02	5.32E-03	2.30E-02	0.00E+00	0.00E+00	3.31E-01	3.14E-07	3.05E-05	1.86E-04	0.00E+00	5.57E-04	2.53E-09	7.43E-11	3.43E-03	5.97E-05	1.88E-03	1.20E-09	3.96E-05	9.67E-03	2.16E-01	0.00E+00	2.90E-10	3.76E-10	4.37E-05	1.09E-06	2.87E-02	0.00E+00	2.16E-01	5.34E-10	2.16E-01	2.44E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MCN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN363A	1.09E-04	5.75E-02	8.84E-03	3.80E-02	0.00E+00	0.00E+00	5.45E-01	5.21E-07	5.01E-05	3.24E-04	0.00E+00	9.37E-04	4.19E-09	1.21E-10	5.61E-03	1.07E-04	3.13E-03	2.25E-08	6.78E-05	1.46E-02	3.67E-01	0.00E+00	5.02E-10	6.47E-10	7.52E-05	2.01E-06	4.91E-02	0.00E+00	3.67E-01	8.85E-10	3.67E-01	4.16E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
MCN363E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN363P	7.77E-05	3.56E-02	6.46E-03	2.78E-02	0.00E+00	0.00E+00	4.01E-01	3.81E-07	3.69E-05	2.31E-04	0.00E+00	6.80E-04	3.07E-09	8.95E-11	4.14E-03	7.48E-05	2.29E-03	6.03E-09	4.87E-05	1.13E-02	2.65E-01	0.00E+00	3.58E-10	4.64E-10	5.39E-05	1.38E-06	3.53E-02	0.00E+00	2.65E-01	6.48E-10	2.65E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MCN400	1.15E-04	5.76E-02	9.46E-03	4.07E-02	0.00E+00	0.00E+00	5.85E-01	5.58E-07	5.38E-05	3.43E-04	0.00E+00	1.00E-03	4.49E-09	1.30E-10	6.03E-03	1.12E-04	3.35E-03	1.77E-08	7.21E-05	1.60E-02	3.91E-01	0.00E+00	5.33E-10	6.87E-10	7.99E-05	2.10E-06	5.22E-02	0.00E+00	3.91E-01	9.48E-10	3.91E-01	4.43E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
MCN400E	1.02E-06	1.58E-02	3.27E-04	1.56E-03	0.00E+00	0.00E+00	2.68E-02	1.96E-08	2.51E-06	4.69E-06	0.00E+00	2.09E-05	1.70E-10	7.36E-12	3.05E-04	5.05E-06	1.19E-04	2.80E-08	7.74E-08	2.32E-03	2.97E-03	0.00E+00	6.02E-12	1.51E-12	3.46E-07	1.56E-07	2.57E-04	0.00E+00	2.97E-03	3.40E-11	2.97E-03	3.23E-03	2.57E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05
MCN401	9.87E-05	4.57E-02	8.19E-03	3.53E-02	0.00E+00	0.00E+00	5.08E-01	4.83E-07	4.67E-05	2.93E-04	0.00E+00	8.63E-04	3.89E-09	1.13E-10	5.24E-03	9.52E-05	2.90E-03	8.72E-09	6.18E-05	1.42E-02	3.36E-01	0.00E+00	4.55E-10	5.89E-10	6.84E-05	1.76E-06	4.48E-02	0.00E+00	3.36E-01	8.21E-10	3.36E-01	3.81E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
MCN401E	8.10E-05	3.36E-02	6.83E-03	2.95E-02	0.00E+00	0.00E+00	4.25E-01	4.03E-07	3.91E-05	2.40E-04	0.00E+00	7.16E-04	3.25E-09	9.53E-11	4.40E-03	7.71E-05	2.42E-03	6.41E-11	5.10E-05	1.23E-02	2.77E-01	0.00E+00	3.74E-10	4.85E-10	5.63E-05	1.41E-06	3.70E-02	0.00E+00	2.77E-01	6.85E-10	2.77E-01	3.14E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
MCN402	8.63E-05	3.73E-02	7.23E-03	3.12E-02	0.00E+00	0.00E+00	4.50E-01	4.27E-07	4.14E-05	2.56E-04	0.00E+00	7.60E-04	3.44E-09	1.01E-10	4.65E-03	8.25E-05	2.56E-03	2.67E-09	5.42E-05	1.29E-02	2.95E-01	0.00E+00	3.98E-10	5.16E-10	5.99E-05	1.52E-06	3.93E-02	0.00E+00	2.95E-01	7.26E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MCN402E	8.66E-05	3.74E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.51E-01	4.28E-07	4.15E-05	2.57E-04	0.00E+00	7.62E-04	3.45E-09	1.01E-10	4.66E-03	8.28E-05	2.57E-03	2.63E-09	5.44E-05	1.29E-02	2.96E-01	0.00E+00	3.99E-10	5.17E-10	6.01E-05	1.52E-06	3.94E-02	0.00E+00	2.96E-01	7.28E-10	2.96E-01	3.35E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN402P	1.02E-04	4.71E-02	8.42E-03	3.63E-02	0.00E+00	0.00E+00	5.22E-01	4.97E-07	4.80E-05	3.01E-04	0.00E+00	8.87E-04	4.00E-09	1.17E-10	5.39E-03	9.80E-05	2.98E-03	9.10E-09	6.36E-05	1.46E-02	3.46E-01	0.00E+00	4.68E-10	6.06E-10	7.04E-05	1.81E-06	4.61E-02	0.00E+00	3.46E-01	8.44E-10	3.46E-01	3.92E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MCN403	3.20E-05	1.08E-03	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.35E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.72E-05	1.07E-03	2.22E-08	2.07E-05	6.83E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.48E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-04
MCN403E	4.73E-03	3.23E+00	3.65E-01	1.56E+00	0.00E+00	0.00E+00	2.22E+01	2.15E-05	2.04E-03	1.42E-02	0.00E+00	3.93E-02	1.72E-07	4.85E-09	2.27E-01	4.84E-03	1.29E-01	2.31E-06	2.91E-03	5.15E-01	1.57E+01	0.00E+00	2.19E-08	2.79E-08	3.25E-03	9.39E-05	2.10E+00	0.00E+00	1.57E+01	3.65E-08	1.57E+01	1.78E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
MCN404	1.39E-04	7.45E-02	1.13E-02	4.86E-02	0.00E+00	0.00E+00	6.96E-01	6.67E-07	6.41E-05	4.15E-04	0.00E+00	1.20E-03	5.36E-09	1.55E-10	7.17E-03	1.37E-04	4.00E-03	3.03E-08	8.69E-05	1.85E-02	4.70E-01	0.00E+00	6.44E-10	8.29E-10	9.64E-05	2.58E-06	6.29E-02	0.00E+00	4.70E-01	1.13E-09	4.70E-01	5.33E-01	6.29E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
MCN404E	8.24E-05	3.45E-02	6.94E-03	2.99E-02	0.00E+00	0.00E+00	4.32E-01	4.10E-07	3.97E-05	2.44E-04	0.00E+00	7.28E-04	3.30E-09	9.67E-11	4.46E-03	7.85E-05	2.46E-03	6.14E-10	5.18E-05	1.25E-02	2.82E-01	0.00E+00	3.80E-10	4.93E-10	5.72E-05	1.44E-06	3.76E-02	0.00E+00	2.82E-01	6.96E-10	2.82E-01	3.20E-01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MCN406	1.19E-04	6.38E-02	9.62E-03	4.13E-02	0.00E+00	0.00E+00	5.92E-01	5.67E-07	5.45E-05	3.53E-04	0.00E+00	1.02E-03	4.56E-09	1.31E-10	6.10E-03	1.17E-04	3.40E-03	2.65E-08	7.40E-05	1.57E-02	4.00E-01	0.00E+00	5.48E-10	7.06E-10	8.21E-05	2.20E-06	5.35E-02	0.00E+00	4.00E-01	9.63E-10	4.00E-01	4.54E-01	5.35E-02	0.00E+00	0.00E+00	0.00E+00	3.21E-03
MCN406A	1.22E-04	6.63E-02	9.89E-03	4.25E-02	0.00E+00	0.00E+00	6.09E-01	5.84E-07	5.60E-05	3.64E-04	0.00E+00	1.05E-03	4.69E-09	1.35E-10	6.27E-03	1.21E-04	3.50E-03	2.82E-08	7.62E-05	1.61E-02	4.12E-01	0.00E+00	5.65E-10	7.27E-10	8.45E-05	2.27E-06	5.51E-02	0.00E+00	4.12E-01	9.91E-10	4.12E-01	4.67E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
MCN406P	1.00E-04	4.76E-02	8.29E-03	3.57E-02	0.00E+00	0.00E+00	5.13E-01	4.89E-07	4.72E-05	2.98E-04	0.00E+00	8.74E-04	3.93E-09	1.14E-10	5.30E-03	9.70E-05	2.93E-03	1.09E-08	6.28E-05	1.43E-02	3.41E-01	0.00E+00	4.63E-10	5.98E-10	6.95E-05	1.80E-06	4.55E-02	0.00E+00	3.41E-01	8.31E-10	3.41E-01	3.86E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-03
MCN410	1.37E-04	7.61E-02	1.10E-02	4.72E-02	0.00E+00	0.00E+00	6.76E-01	6.49E-07	6.22E-05	4.07E-04	0.00E+00	1.17E-03	5.21E-09	1.50E-10	6.95E-03	1.35E-04	3.89E-03	3.52E-08	8.50E-05	1.77E-02	4.60E-01	0.00E+00	6.31E-10	8.11E-10	9.44E-05	2.56E-06	6.15E-02	0.00E+00	4.60E-01	1.10E-09	4.60E-01	5.21E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.70E-03
MCN410A	1.56E-04	8.96E-02	1.25E-02	5.38E-02	0.00E+00	0.00E+00	7.69E-01	7.39E-07	7.07E-05	4.66E-04	0.00E+00	1.33E-03	5.93E-09	1.70E-10	7.90E-03	1.55E-04	4.43E-03	4.49E-08	9.72E-05	1.98E-02	5.25E-01	0.00E+00	7.23E-10	9.28E-10	1.08E-04	2.95E-06	7.03E-02	0.00E+00	5.25E-01	1.25E-09	5.25E-01	5.96E-01	7.03E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-03
MCN410E	9.62E-05	4.85E-02	7.88E-03	3.39E-02	0.00E+00	0.00E+00	4.87E-01	4.65E-07	4.48E-05	2.86E-04	0.00E+00	8.34E-04	3.74E-09	1.08E-10	5.02E-03	9.38E-05	2.79E-03	1.55E-08	6.01E-05	1.33E-02	3.26E-01	0.00E+00	4.44E-10	5.73E-10	6.66E-05	1.75E-06	4.35E-02	0.00E+00	3.26E-01	7.90E-10	3.26E-01	3.69E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
MCN410P	1.05E-04	5.51E-02	8.56E-03	3.68E-02	0.00E+00	0.00E+00	5.28E-01	5.05E-07	4.86E-05	3.13E-04	0.00E+00	9.08E-04	4.06E-09	1.17E-10	5.44E-03	1.03E-04	3.03E-03	2.07E-08	6.56E-05	1.42E-02	3.55E-01	0.00E+00	4.86E-10	6.26E-10	7.28E-05	1.94E-06	4.75E-02	0.00E+00	3.55E-01	8.58E-10	3.55E-01	4.03E-01	4.75E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MCN413	8.46E-05	3.97E-02	7.00E-03	3.02E-02	0.00E+00	0.00E+00	4.34E-01	4.13E-07	3.99E-05	2.51E-04	0.00E+00	7.38E-04	3.33E-09	9.68E-11	4.48E-03	8.17E-05	2.48E-03	8.38E-09	5.30E-05	1.21E-02	2.88E-01	0.00E+00	3.90E-10	5.04E-10	5.86E-05	1.52E-06	3.84E-02	0.00E+00	2.88E-01	7.02E-10	2.88E-01	3.26E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
MCN413E	8.24E-05	3.82E-02	6.83E-03	2.94E-02	0.00E+00	0.00E+00	4.24E-01	4.03E-07	3.90E-05	2.45E-04	0.00E+00	7.20E-04	3.24E-09	9.46E-11	4.37E-03	7.95E-05	2.42E-03	7.30E-09	5.16E-05	1.19E-02	2.80E-01	0.00E+00	3.80E-10	4.91E-10	5.71E-05	1.47E-06	3.74E-02	0.00E+00	2.80E-01	6.85E-10	2.80E-01	3.18E-01	3.74E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MCN416	6.02E-05	2.28E-02	5.14E-03	2.22E-02	0.00E+00	0.00E+00	3.21E-01	3.03E-07	2.95E-05	1.78E-04	0.00E+00	5.36E-04	2.44E-09	7.20E-11	3.32E-03	5.68E-05	1.82E-03	3.92E-09	3.80E-05	9.51E-03	2.07E-01	0.00E+00	2.77E-10	3.61E-10	4.19E-05	1.03E-06	2.76E-02	0.00E+00	2.07E-01	5.15E-10	2.07E-01	2.35E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
MCN416A	8.87E-05	4.23E-02	7.33E-03	3.16E-02	0.00E+00	0.00E+00	4.54E-01	4.32E-07	4.18E-05	2.63E-04	0.00E+00	7.73E-04	3.48E-09	1.01E-10	4.68E-03	8.59E-05	2.59E-03	9.97E-09	5.55E-05	1.26E-02	3.01E-01	0.00E+00	4.09E-10	5.29E-10	6.14E-05	1.60E-06	4.02E-02	0.00E+00	3.01E-01	7.35E-10	3.01E-01	3.42E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
MCN416E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN416P	9.45E-05	4.77E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.78E-01	4.56E-07	4.40E-05	2.81E-04	0.00E+00	8.18E-04	3.67E-09	1.06E-10	4.92E-03	9.22E-05	2.74E-03	1.55E-08	5.90E-05	1.30E-02	3.20E-01	0.00E+00	4.36E-10	5.62E-10	6.54E-05	1.72E-06	4.27E-02	0.00E+00	3.20E-01	7.75E-10	3.20E-01	3.63E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MCN420	3.75E-05	6.94E-03	3.39E-03	1.47E-02	0.00E+00	0.00E+00	2.14E-01	2.00E-07	1.98E-05	1.10E-04	0.00E+00	3.48E-04	1.62E-09	4.88E-11	2.23E-03	3.34E-05	1.20E-03	1.56E-08	2.40E-05	7.08E-03	1.32E-01	0.00E+00	1.72E-10	2.27E-10	2.62E-05	5.76E-07	1.75E-02	0.00E+00	1.32E-01	3.41E-10	1.32E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	9.83E-04
MCN420A	5.10E-05	1.57E-02	4.44E-03	1.92E-02	0.00E+00	0.00E+00	2.79E-01	2.62E-07	2.57E-05	1.50E-04	0.00E+00	4.61E-04	2.12E-09	6.29E-11	2.89E-03	4.70E-05	1.57E-03	9.97E-09	3.23E-05	8.63E-03	1.77E-01	0.00E+00	2.34E-10	3.06E-10	3.55E-05	8.39E-07	2.35E-02	0.00E+00	1.77E-01	4.46E-10	1.77E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MCN420E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN420P	9.27E-05	4.17E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.80E-01	4.56E-07	4.42E-05	2.75E-04	0.00E+00	8.13E-04	3.67E-09	1.07E-10	4.95E-03	8.91E-05	2.74E-03	5.82E-09	5.82E-05	1.36E-02	3.16E-01	0.00E+00	4.28E-10	5.54E-10	6.43E-05	1.65E-06	4.22E-02	0.00E+00	3.16E-01	7.75E-10	3.16E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MCN425	4.28E-05	9.94E-03	3.81E-03	1.65E-02	0.00E+00	0.00E+00	2.41E-01	2.25E-07	2.22E-05	1.26E-04	0.00E+00	3.93E-04	1.82E-09	5.46E-11	2.50E-03	3.86E-05	1.35E-03	1.42E-08	2.72E-05	7.76E-03	1.50E-01	0.00E+00	1.96E-10	2.58E-10	2.99E-05	6.75E-07	1.99E-02	0.00E+00	1.50E-01	3.83E-10	1.50E-01	1.70E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
MCN425A	3.66E-05	5.28E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.96E-05	1.07E-04	0.00E+00	3.43E-04	1.60E-09	4.85E-11	2.22E-03	3.22E-05	1.19E-03	1.80E-08	2.35E-05	7.16E-03	1.30E-01	0.00E+00	1.68E-10	2.22E-10	2.56E-05	5.49E-07	1.72E-02	0.00E+00	1.30E-01	3.37E-10	1.30E-01	1.47E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	9.58E-04
MCN425E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN425P	9.27E-05	4.17E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.80E-01	4.56E-07	4.42E-05	2.75E-04	0.00E+00	8.13E-04	3.67E-09	1.07E-10	4.95E-03	8.91E-05	2.74E-03	5.82E-09	5.82E-05	1.36E-02	3.16E-01	0.00E+00	4.28E-10	5.54E-10	6.43E-05	1.65E-06	4.22E-02	0.00E+00	3.16E-01	7.75E-10	3.16E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MCN432	1.60E-04	8.89E-02	1.29E-02	5.55E-02	0.00E+00	0.00E+00	7.94E-01	7.62E-07	7.30E-05	4.77E-04	0.00E+00	1.37E-03	6.11E-09	1.76E-10	8.17E-03	1.58E-04	4.57E-03	4.06E-08	9.97E-05	2.08E-02	5.39E-01	0.00E+00	7.41E-10	9.52E-10	1.11E-04	3.00E-06	7.21E-02	0.00E+00	5.39E-01	1.29E-09	5.39E-01	6.12E-01	7.21E-02	0.00E+00	0.00E+00	0.00E+00	4.34E-03
MCN432A	1.28E-04	6.61E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.42E-01	6.14E-07	5.91E-05	3.80E-04	0.00E+00	1.10E-03	4.94E-09	1.43E-10	6.62E-03	1.25E-04	3.68E-03	2.38E-08	7.97E-05	1.73E-02	4.32E-01	0.00E+00	5.90E-10	7.60E-10	8.83E-05	2.34E-06	5.77E-02	0.00E+00	4.32E-01	1.04E-09	4.32E-01	4.89E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
MCN432E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03

MCN432P	9.85E-05	4.52E-02	8.19E-03	3.53E-02	0.00E+00	0.00E+00	5.08E-01	4.83E-07	4.67E-05	2.92E-04	0.00E+00	8.62E-04	3.89E-09	1.13E-10	5.24E-03	9.49E-05	2.90E-03	7.80E-09	6.17E-05	1.43E-02	3.36E-01	0.00E+00	4.54E-10	5.88E-10	6.83E-05	1.76E-06	4.48E-02	0.00E+00	3.36E-01	8.21E-10	3.36E-01	3.80E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
MCN440	1.24E-04	6.39E-02	1.02E-02	4.37E-02	0.00E+00	0.00E+00	6.27E-01	5.99E-07	5.76E-05	3.70E-04	0.00E+00	1.07E-03	4.81E-09	1.39E-10	6.45E-03	1.22E-04	3.59E-03	2.24E-08	7.76E-05	1.69E-02	4.21E-01	0.00E+00	5.74E-10	7.40E-10	8.60E-05	2.28E-06	5.62E-02	0.00E+00	4.21E-01	1.02E-09	4.21E-01	4.77E-01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	3.35E-03
MCN440A	1.22E-04	6.20E-02	9.97E-03	4.29E-02	0.00E+00	0.00E+00	6.16E-01	5.88E-07	5.67E-05	3.63E-04	0.00E+00	1.06E-03	4.73E-09	1.37E-10	6.35E-03	1.19E-04	3.53E-03	2.07E-08	7.61E-05	1.67E-02	4.13E-01	0.00E+00	5.63E-10	7.26E-10	8.44E-05	2.23E-06	5.51E-02	0.00E+00	4.13E-01	9.99E-10	4.13E-01	4.68E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
MCN440E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN440P	8.75E-05	3.76E-02	7.34E-03	3.17E-02	0.00E+00	0.00E+00	4.56E-01	4.33E-07	4.20E-05	2.60E-04	0.00E+00	7.71E-04	3.49E-09	1.02E-10	4.71E-03	8.36E-05	2.60E-03	2.43E-09	5.50E-05	1.31E-02	2.99E-01	0.00E+00	4.03E-10	5.23E-10	6.07E-05	1.54E-06	3.99E-02	0.00E+00	2.99E-01	7.36E-10	2.99E-01	3.39E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
MCN450	1.92E-04	1.10E-01	1.54E-02	6.62E-02	0.00E+00	0.00E+00	9.46E-01	9.09E-07	8.70E-05	5.73E-04	0.00E+00	1.64E-03	7.29E-09	2.09E-10	9.73E-03	1.91E-04	5.45E-03	5.45E-08	1.20E-04	2.44E-02	6.46E-01	0.00E+00	8.89E-10	1.14E-09	1.33E-04	3.62E-06	8.64E-02	0.00E+00	6.46E-01	1.54E-09	6.46E-01	7.32E-01	8.64E-02	0.00E+00	0.00E+00	0.00E+00	5.21E-03
MCN450A	1.53E-04	8.24E-02	1.24E-02	5.32E-02	0.00E+00	0.00E+00	7.63E-01	7.31E-07	7.02E-05	4.55E-04	0.00E+00	1.31E-03	5.87E-09	1.69E-10	7.85E-03	1.51E-04	4.38E-03	3.44E-08	9.53E-05	2.02E-02	5.16E-01	0.00E+00	7.07E-10	9.09E-10	1.06E-04	2.84E-06	6.89E-02	0.00E+00	5.16E-01	1.24E-09	5.16E-01	5.85E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
MCN450E	1.11E-04	5.30E-02	9.12E-03	3.93E-02	0.00E+00	0.00E+00	5.65E-01	5.38E-07	5.20E-05	3.28E-04	0.00E+00	9.63E-04	4.33E-09	1.26E-10	5.83E-03	1.07E-04	3.23E-03	1.30E-08	6.92E-05	1.57E-02	3.75E-01	0.00E+00	5.10E-10	6.59E-10	7.65E-05	1.99E-06	5.01E-02	0.00E+00	3.75E-01	9.15E-10	3.75E-01	4.26E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
MCN450P	1.13E-04	5.41E-02	9.36E-03	4.03E-02	0.00E+00	0.00E+00	5.79E-01	5.52E-07	5.33E-05	3.36E-04	0.00E+00	9.87E-04	4.44E-09	1.29E-10	5.98E-03	1.10E-04	3.31E-03	1.29E-08	7.09E-05	1.61E-02	3.85E-01	0.00E+00	5.23E-10	6.75E-10	7.85E-05	2.04E-06	5.14E-02	0.00E+00	3.85E-01	9.38E-10	3.85E-01	4.36E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
MCN463	1.20E-04	5.93E-02	9.83E-03	4.23E-02	0.00E+00	0.00E+00	6.08E-01	5.80E-07	5.59E-05	3.56E-04	0.00E+00	1.04E-03	4.66E-09	1.35E-10	6.27E-03	1.16E-04	3.48E-03	1.75E-08	7.48E-05	1.67E-02	4.06E-01	0.00E+00	5.53E-10	7.13E-10	8.29E-05	2.17E-06	5.42E-02	0.00E+00	4.06E-01	9.85E-10	4.06E-01	4.60E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	3.22E-03
MCN463A	1.46E-04	7.71E-02	1.18E-02	5.09E-02	0.00E+00	0.00E+00	7.30E-01	6.99E-07	6.71E-05	4.34E-04	0.00E+00	1.26E-03	5.61E-09	1.62E-10	7.52E-03	1.43E-04	4.19E-03	3.02E-08	9.09E-05	1.95E-02	4.92E-01	0.00E+00	6.73E-10	8.67E-10	1.01E-04	2.69E-06	6.58E-02	0.00E+00	4.92E-01	1.19E-09	4.92E-01	5.58E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	3.94E-03
MCN463E	1.34E-04	6.88E-02	1.09E-02	4.69E-02	0.00E+00	0.00E+00	6.73E-01	6.44E-07	6.19E-05	3.98E-04	0.00E+00	1.15E-03	5.17E-09	1.50E-10	6.93E-03	1.31E-04	3.86E-03	2.43E-08	8.34E-05	1.82E-02	4.52E-01	0.00E+00	6.17E-10	7.95E-10	9.25E-05	2.45E-06	6.04E-02	0.00E+00	4.52E-01	1.09E-09	4.52E-01	5.12E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
MCN463P	1.00E-04	4.50E-02	8.37E-03	3.61E-02	0.00E+00	0.00E+00	5.19E-01	4.94E-07	4.78E-05	2.98E-04	0.00E+00	8.80E-04	3.97E-09	1.16E-10	5.36E-03	9.64E-05	2.96E-03	6.17E-09	6.29E-05	1.47E-02	3.42E-01	0.00E+00	4.63E-10	5.99E-10	6.96E-05	1.78E-06	4.56E-02	0.00E+00	3.42E-01	8.39E-10	3.42E-01	3.88E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
MCN500	2.87E-05	8.92E-03	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.57E-01	1.47E-07	1.44E-05	8.46E-05	0.00E+00	2.59E-04	1.19E-09	3.53E-11	1.62E-03	2.65E-05	8.84E-04	5.40E-09	1.82E-05	4.84E-03	9.94E-02	0.00E+00	1.32E-10	1.72E-10	2.00E-05	4.73E-07	1.32E-02	0.00E+00	9.94E-02	2.51E-10	9.94E-02	1.13E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.60E-04
MCN501	4.11E-05	1.72E-02	3.46E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.04E-07	1.98E-05	1.22E-04	0.00E+00	3.63E-04	1.64E-09	4.82E-11	2.22E-03	3.91E-05	1.22E-03	3.26E-10	2.58E-05	6.22E-03	1.41E-01	0.00E+00	1.89E-10	2.46E-10	2.85E-05	7.18E-07	1.87E-02	0.00E+00	1.41E-01	3.47E-10	1.41E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
MCN502	5.16E-05	2.44E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.64E-01	2.52E-07	2.43E-05	1.53E-04	0.00E+00	4.50E-04	2.02E-09	5.89E-11	2.73E-03	4.99E-05	1.51E-03	5.44E-09	3.23E-05	7.36E-03	1.75E-01	0.00E+00	2.38E-10	3.07E-10	3.57E-05	9.26E-07	2.34E-02	0.00E+00	1.75E-01	4.28E-10	1.75E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MCN503	7.60E-05	4.15E-02	6.13E-03	2.64E-02	0.00E+00	0.00E+00	3.77E-01	3.62E-07	3.47E-05	2.26E-04	0.00E+00	6.52E-04	2.91E-09	8.37E-11	3.88E-03	7.49E-05	2.17E-03	1.82E-08	4.73E-05	9.94E-03	2.56E-01	0.00E+00	3.51E-10	4.51E-10	5.25E-05	1.41E-06	3.42E-02	0.00E+00	2.56E-01	6.14E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MCN504	7.60E-05	4.15E-02	6.13E-03	2.64E-02	0.00E+00	0.00E+00	3.77E-01	3.62E-07	3.47E-05	2.26E-04	0.00E+00	6.52E-04	2.91E-09	8.37E-11	3.88E-03	7.49E-05	2.17E-03	1.82E-08	4.73E-05	9.94E-03	2.56E-01	0.00E+00	3.51E-10	4.51E-10	5.25E-05	1.41E-06	3.42E-02	0.00E+00	2.56E-01	6.14E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MCN506	5.77E-05	3.08E-02	4.68E-03	2.01E-02	0.00E+00	0.00E+00	2.88E-01	2.76E-07	2.65E-05	1.72E-04	0.00E+00	4.96E-04	2.22E-09	6.40E-11	2.97E-03	5.67E-05	1.65E-03	1.25E-08	3.59E-05	7.67E-03	1.95E-01	0.00E+00	2.66E-10	3.43E-10	3.99E-05	1.07E-06	2.60E-02	0.00E+00	1.95E-01	4.69E-10	1.95E-01	2.21E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
MCN506E	3.81E-05	1.71E-02	3.17E-03	1.37E-02	0.00E+00	0.00E+00	1.97E-01	1.87E-07	1.81E-05	1.13E-04	0.00E+00	3.34E-04	1.51E-09	4.40E-11	2.03E-03	3.66E-05	1.12E-03	2.39E-09	2.39E-05	5.58E-03	1.30E-01	0.00E+00	1.76E-10	2.27E-10	2.64E-05	6.76E-07	1.73E-02	0.00E+00	1.30E-01	3.18E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
MCN508E	2.51E-05	7.94E-03	2.19E-03	9.45E-03	0.00E+00	0.00E+00	1.37E-01	1.29E-07	1.26E-05	7.42E-05	0.00E+00	2.27E-04	1.04E-09	3.09E-11	1.42E-03	2.33E-05	7.74E-04	4.52E-09	1.59E-05	4.22E-03	8.71E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.16E-07	1.16E-02	0.00E+00	8.71E-02	2.19E-10	8.71E-02	9.87E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.67E-04
MCN510	5.90E-05	3.17E-02	4.78E-03	2.05E-02	0.00E+00	0.00E+00	2.94E-01	2.82E-07	2.71E-05	1.76E-04	0.00E+00	5.07E-04	2.26E-09	6.53E-11	3.03E-03	5.80E-05	1.69E-03	1.31E-08	3.67E-05	7.81E-03	1.99E-01	0.00E+00	2.72E-10	3.50E-10	4.08E-05	1.09E-06	2.66E-02	0.00E+00	1.99E-01	4.79E-10	1.99E-01	2.25E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
MCN510E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN513	1.79E-05	3.67E-03	1.61E-03	7.00E-03	0.00E+00	0.00E+00	1.02E-01	9.53E-08	9.40E-06	5.27E-05	0.00E+00	1.66E-04	7.70E-10	2.32E-11	1.06E-03	1.61E-05	5.72E-04	6.86E-09	1.15E-05	3.34E-03	6.30E-02	0.00E+00	8.23E-11	1.08E-10	1.25E-05	2.79E-07	8.37E-03	0.00E+00	6.30E-02	1.62E-10	6.30E-02	7.14E-02	8.37E-03	0.00E+00	0.00E+00	0.00E+00	4.72E-04
MCN513E	3.67E-05	1.60E-02	3.07E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.76E-05	1.09E-04	0.00E+00	3.23E-04	1.46E-09	4.27E-11	1.97E-03	3.52E-05	1.09E-03	1.39E-09	2.31E-05	5.46E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.55E-05	6.47E-07	1.67E-02	0.00E+00	1.25E-01	3.08E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.84E-04
MCN516	3.17E-05	1.25E-02	2.68E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.38E-05	0.00E+00	2.81E-04	1.28E-09	3.75E-11	1.73E-03	3.00E-05	9.51E-04	1.08E-09	1.99E-05	4.91E-03	1.09E-01	0.00E+00	1.46E-10	1.90E-10	2.20E-05	5.47E-07	1.45E-02	0.00E+00	1.09E-01	2.69E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
MCN516E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN520	1.55E-05	1.23E-03	1.45E-03	6.30E-03	0.00E+00	0.00E+00	9.24E-02	8.56E-08	8.52E-06	4.55E-05	0.00E+00	1.47E-04	6.94E-10	2.12E-11	9.65E-04	1.34E-05	5.14E-04	9.47E-09	1.00E-05	3.20E-03	5.54E-02	0.00E+00	7.12E-11	9.45E-11	1.09E-05	2.24E-07	7.34E-03	0.00E+00	5.54E-02	1.46E-10	5.54E-02	6.27E-02	7.34E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-04
MCN520E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN525	1.61E-05	1.37E-03	1.50E-03	6.53E-03	0.00E+00	0.00E+00	9.57E-02	8.88E-08	8.83E-06	4.72E-05	0.00E+00	1.53E-04	7.19E-10	2.19E-11	1.00E-03	1.39E-05	5.33E-04	9.67E-09	1.04E-05	3.31E-03	5.75E-02	0.00E+00	7.39E-11	9.81E-11	1.13E-05	2.33E-07	7.62E-03	0.00E+00	5.75E-02	1.51E-10	5.75E-02	6.51E-02	7.62E-03	0.00E+00	0.00E+00	0.00E+00	4.20E-04
MCN525E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN532	7.10E-05	3.81E-02	5.75E-03	2.47E-02	0.00E+00	0.00E+00	3.54E-01	3.39E-07	3.26E-05	2.11E-04	0.00E+00	6.10E-04	2.73E-09	7.86E-11	3.65E-03	6.98E-05	2.03E-03	1.57E-08	4.42E-05	9.40E-03	2.39E-01	0.00E+00	3.28E-10	4.22E-10	4.91E-05	1.31E-06	3.20E-02	0.00E+00	2.39E-01	5.76E-10	2.39E-01	2.71E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MCN532E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN540	7.04E-05	3.77E-02	5.71E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.37E-07	3.23E-05	2.10E-04	0.00E+00	6.06E-04	2.70E-09	7.80E-11	3.62E-03	6.93E-05	2.02E-03	1.54E-08	4.39E-05	9.34E-03	2.38E-01	0.00E+00	3.25E-10	4.18E-10	4.87E-05	1.30E-06	3.17E-02	0.00E+00	2.38E-01	5.72E-10	2.38E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MCN540E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN550	2.52E-05	6.02E-03	2.24E-03	9.71E-03	0.00E+00	0.00E+00	1.41E-01	1.32E-07	1.30E-05	7.41E-05	0.00E+00	2.31E-04	1.07E-09	3.20E-11	1.47E-03	2.28E-05	7.94E-04	8.03E-09	1.60E-05	4.54E-03	8.80E-02	0.00E+00	1.16E-10	1.52E-10	1.76E-05	3.99E-07	1.17E-02	0.00E+00	8.80E-02	2.25E-10	8.80E-02	9.97E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.64E-04
MCN550E	1.54E-05	1.31E-03	1.50E-03	6.56E-03	0.00E+00	0.00E+00	9.68E-02	8.89E-08	8.93E-06	4.48E-05	0.00E+00	1.51E-04	7.22E-10	2.24E-11	1.01E-03	1.26E-05	5.34E-04	1.40E-08	1.00E-05	3.58E-03	5.59E-02	0.00E+00	7.03E-11	9.43E-11	1.09E-05	1.99E-07	7.39E-03	0.00E+00	5.59E-02	1.51E-10	5.59E-02	6.33E-02	7.39E-03	0.00E+00	0.00E+00	0.00E+00	3.95E-04
MCN563	2.51E-05	5.94E-03	2.24E-03	9.70E-03	0.00E+00	0.00E+00	1.41E-01	1.32E-07	1.30E-05	7.40E-05	0.00E+00	2.31E-04	1.07E-09	3.20E-11	1.47E-03	2.27E-05	7.93E-04	8.14E-09	1.60E-05	4.54E-03	8.79E-02	0.00E+00	1.15E-10	1.52E-10	1.75E-05	3.98E-07	1.17E-02	0.00E+00	8.79E-02	2.25E-10	8.79E-02	9.96E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.62E-04
MCN563E	2.52E-05	6.01E-03	2.25E-03	9.73E-03	0.00E+00	0.00E+00	1.42E-01	1.33E-07	1.30E-05	7.43E-05	0.00E+00	2.32E-04	1.07E-09	3.21E-11	1.47E-03	2.28E-05	7.96E-04	8.09E-09	1.61E-05	4.55E-03	8.82E-02	0.00E+00	1.16E-10	1.52E-10	1.76E-05	4.00E-07	1.17E-02	0.00E+00	8.82E-02	2.26E-10	8.82E-02	9.99E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.65E-04
MCN600	3.02E-04	1.88E-01	2.38E-02	1.02E-01	0.00E+00	0.00E+00	1.45E+00	1.40E-06	1.34E-04	9.01E-04	0.00E+00	2.55E-03	1.12E-08	3.20E-10	1.49E-02	3.04E-04	8.40E-03	1.14E-07	1.87E-04	3.58E-02	1.01E+00	0.00E+00	1.40E-09	1.79E-09	2.08E-04	5.83E-06	1.35E-01	0.00E+00	1.01E+00	2.38E-09	1.01E+00	1.14E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-03
MCN601	6.34E-05	2.16E-02	5.47E-03	2.36E-02	0.00E+00	0.00E+00	3.42E-01	3.23E-07	3.15E-05	1.87E-04	0.00E+00	5.69E-04	2.60E-09	7.71E-11	3.55E-03	5.91E-05	1.94E-03	8.53E-09	4.01E-05	1.04E-02	2.19E-01	0.00E+00	2.92E-10	3.80E-10	4.41E-05	1.06E-06	2.91E-02	0.00E+00	2.19E-01	5.49E-10	2.19E-01	2.48E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
MCN602	8.22E-05	3.45E-02	6.92E-03	2.98E-02	0.00E+00	0.00E+00	4.30E-01	4.08E-07	3.96E-05	2.44E-04	0.00E+00	7.25E-04	3.29E-09	9.64E-11	4.45E-03	7.83E-05	2.45E-03	6.52E-10	5.16E-05	1.24E-02	2.81E-01	0.00E+00	3.79E-10	4.91E-10	5.70E-05	1.44E-06	3.75E-02	0.00E+00	2.81E-01	6.94E-10	2.81E-01	3.19E-01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	2.20E-03
MCN603	1.05E-04	5.07E-02	8.62E-03	3.71E-02	0.00E+00	0.00E+00	5.33E-01	5.08E-07	4.91E-05	3.11E-04	0.00E+00	9.09E-04	4.09E-09	1.19E-10	5.50E-03	1.01E-04	3.05E-03	1.33E-08	6.54E-05	1.47E-02	3.55E-01	0.00E+00	4.82E-10	6.23E-10	7.24E-05	1.89E-06	4.74E-02	0.00E+00	3.55E-01	8.64E-10	3.55E-01	4.02E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
MCN604	1.55E-04	8.53E-02	1.25E-02	5.38E-02	0.00E+00	0.00E+00	7.70E-01	7.39E-07	7.09E-05	4.62E-04	0.00E+00	1.33E-03	5.93E-09	1.71E-10	7.93E-03	1.53E-04	4.43E-03	3.80E-08	9.66E-05	2.02E-02	5.23E-01	0.00E+00	7.17E-10	9.22E-10	1.07E-04	2.89E-06	6.99E-02	0.00E+00	5.23E-01	1.25E-09	5.23E-01	5.92E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-03
MCN606	9.48E-05	4.75E-02	7.77E-03	3.34E-02	0.00E+00	0.00E+00	4.80E-01	4.59E-07	4.42E-05	2.82E-04	0.00E+00	8.22E-04	3.69E-09	1.07E-10	4.95E-03	9.24E-05	2.75E-03	1.48E-08	5.92E-05	1.31E-02	3.21E-01	0.00E+00	4.38E-10	5.64E-10	6.56E-05	1.73E-06	4.29E-02	0.00E+00	3.21E-01	7.79E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MCN606E	3.61E-05	6.22E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.08E-01	1.94E-07	1.92E-05	1.06E-04	0.00E+00	3.36E-04	1.57E-09	4.73E-11	2.16E-03	3.21E-05	1.16E-03	1.59E-08	2.31E-05	6.91E-03	1.27E-01	0.00E+00	1.66E-10	2.19E-10	2.53E-05	5.51E-07	1.69E-02	0.00E+00	1.27E-01	3.30E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.48E-04
MCN610	1.14E-04	6.06E-02	9.25E-03	3.98E-02	0.00E+00	0.00E+00	5.70E-01	5.46E-07	5.25E-05	3.39E-04	0.00E+00	9.82E-04	4.39E-09	1.27E-10	5.87E-03	1.12E-04	3.27E-03	2.42E-08	7.11E-05	1.52E-02	3.85E-01	0.00E+00	5.27E-10	6.78E-10	7.88E-05	2.11E-06	5.14E-02	0.00E+00	3.85E-01	9.27E-10	3.85E-01	4.36E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
MCN610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN613	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN613E	3.06E-05	2.24E-03	2.86E-03	1.24E-02	0.00E+00	0.00E+00	1.82E-01	1.69E-07	1.68E-05	8.95E-05	0.00E+00	2.91E-04	1.37E-09	4.18E-11	1.90E-03	2.63E-05	1.01E-03	1.90E-08	1.97E-05	6.33E-03	1.09E-01	0.00E+00	1.40E-10	1.86E-10	2.15E-05	4.39E-07	1.45E-02	0.00E+00	1.09E-01	2.88E-10	1.09E-01	1.24E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
MCN616	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN650	5.45E-05	1.50E-02	4.80E-03	2.08E-02	0.00E+00	0.00E+00	3.02E-01	2.84E-07	2.78E-05	1.61E-04	0.00E+00	4.97E-04	2.29E-09	6.83E-11	3.14E-03	4.99E-05	1.70E-03	1.39E-08	3.46E-05	9.53E-03	1.90E-01	0.00E+00	2.51E-10	3.28E-10	3.80E-05	8.81E-07	2.53E-02	0.00E+00	1.90E-01	4.82E-10	1.90E-01	2.15E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MCN650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN663	4.70E-05	9.70E-03	4.23E-03	1.83E-02	0.00E+00	0.00E+00	2.67E-01	2.50E-07	2.46E-05	1.38E-04	0.00E+00	4.35E-04	2.02E-09	6.07E-11	2.78E-03	4.22E-05	1.50E-03	1.78E-08	3.00E-05	8.74E-03	1.65E-01	0.00E+00	2.16E-10	2.84E-10	3.29E-05	7.32E-07	2.19E-02	0.00E+00	1.65E-01	4.25E-10	1.65E-01	1.87E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
MCN663E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN706P	4.97E-05	2.35E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.34E-05	1.48E-04	0.00E+00	4.33E-04	1.95E-09	5.68E-11	2.63E-03	4.81E-05	1.45E-03	5.29E-09	3.11E-05	7.09E-03	1.69E-01	0.00E+00	2.29E-10	2.96E-10	3.44E-05	8.92E-07	2.25E-02	0.00E+00	1.69E-01	4.12E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MCN710P	5.18E-05	2.49E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.52E-07	2.43E-05	1.54E-04	0.00E+00	4.51E-04	2.03E-09	5.90E-11	2.73E-03	5.02E-05	1.51E-03	6.23E-09	3.24E-05	7.32E-03	1.76E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.34E-07	2.35E-02	0.00E+00	1.76E-01	4.28E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MCN716P	4.24E-05	1.97E-02	3.51E-03	1.51E-02	0.00E+00	0.00E+00	2.18E-01	2.07E-07	2.00E-05	1.26E-04	0.00E+00	3.70E-04	1.67E-09	4.86E-11	2.25E-03	4.09E-05	1.24E-03	3.89E-09	2.65E-05	6.10E-03	1.44E-01	0.00E+00	1.95E-10	2.53E-10	2.94E-05	7.58E-07	1.92E-02	0.00E+00	1.44E-01	3.52E-10	1.44E-01	1.63E-01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MCN720P	3.95E-05	1.76E-02	3.30E-03	1.42E-02	0.00E+00	0.00E+00	2.05E-01	1.95E-07	1.89E-05	1.17E-04	0.00E+00	3.47E-04	1.57E-09	4.58E-11	2.12E-03	3.79E-05	1.17E-03	2.09E-09	2.48E-05	5.83E-03	1.35E-01	0.00E+00	1.82E-10	2.36E-10	2.74E-05	6.99E-07	1.80E-02	0.00E+00	1.35E-01	3.31E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
MCN725P	4.47E-05	1.97E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.28E-05	1.32E-03	2.16E-09	2.80E-05	6.60E-03	1.52E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.89E-07	2.03E-02	0.00E+00	1.52E-01	3.74E-10	1.52E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MCN732P	4.42E-05	1.91E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.15E-11	2.38E-03	4.23E-05	1.31E-03	1.43E-09	2.78E-05	6.60E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.78E-07	2.01E-02	0.00E+00	1.51E-01	3.72E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MCN740P	4.42E-05	1.91E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.15E-11	2.38E-03	4.23E-05	1.31E-03	1.43E-09	2.78E-05	6.60E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.78E-07	2.01E-02	0.00E+00	1.51E-01	3.72E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MCN750P	1.83E-05	7.13E-04	1.73E-03	7.51E-03	0.00E+00	0.00E+00	1.10E-01	1.02E-07	1.02E-05	5.34E-05	0.00E+00	1.75E-04	8.26E-10	2.53E-11	1.15E-03	1.56E-05	6.12E-04	1.25E-08	1.18E-05	3.89E-03	6.55E-02	0.00E+00	8.37E-11	1.11E-10	1.29E-05	2.57E-07	8.67E-03	0.00E+00	6.55E-02	1.74E-10	6.55E-02	7.41E-02	8.67E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-04
MCN763P	4.47E-05	1.87E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.32E-04	0.00E+00	3.95E-04	1.79E-09	5.24E-11	2.42E-03	4.26E-05	1.33E-03	3.29E-10	2.81E-05	6.77E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.81E-07	2.04E-02	0.00E+00	1.53E-01	3.77E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MCS006C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS010C	4.70E-05	2.82E-02	3.73E-03	1.60E-02	0.00E+00	0.00E+00	2.28E-01	2.20E-07	2.10E-05	1.40E-04	0.00E+00	3.98E-04	1.76E-09	5.04E-11	2.34E-03	4.70E-05	1.32E-03	1.58E-08	2.91E-05	5.74E-03	1.57E-01	0.00E+00	2.17E-10	2.78E-10	3.24E-05	8.97E-07	2.10E-02	0.00E+00	1.57E-01	3.73E-10	1.57E-01	1.78E-01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MCS013C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS016C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS020C	8.33E-06	1.18E-03	7.63E-04	3.31E-03	0.00E+00	0.00E+00	4.84E-02	4.51E-08	4.47E-06	2.44E-05	0.00E+00	7.80E-05	3.65E-10	1.11E-11	5.05E-04	7.32E-06	2.71E-04	4.14E-09	5.34E-06	1.63E-03	2.95E-02	0.00E+00	3.82E-11	5.05E-11	5.83E-06	1.25E-07	3.91E-03	0.00E+00	2.95E-02	7.67E-11	2.95E-02	3.34E-02	3.91E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MCS106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS120	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS120W	1.03E-05	2.26E-03	9.23E-04	4.00E-03	0.00E+00	0.00E+00	5.83E-02	5.45E-08	5.37E-06	3.03E-05	0.00E+00	9.50E-05	4.41E-10	1.32E-11	6.06E-04	9.28E-06	3.27E-04	3.66E-09	6.58E-06	1.89E-03	3.62E-02	0.00E+00	4.74E-11	6.23E-11	7.21E-06	1.62E-07	4.80E-03	0.00E+00	3.62E-02	9.28E-11	3.62E-02	4.10E-02	4.80E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
MCS125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04

MCS132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS150	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS163	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS206C	7.93E-05	4.65E-02	6.32E-03	2.71E-02	0.00E+00	0.00E+00	3.88E-01	3.73E-07	3.57E-05	2.37E-04	0.00E+00	6.75E-04	2.99E-09	8.57E-11	3.98E-03	7.91E-05	2.24E-03	2.46E-08	4.92E-05	9.88E-03	2.66E-01	0.00E+00	3.67E-10	4.70E-10	5.48E-05	1.50E-06	3.56E-02	0.00E+00	2.66E-01	6.33E-10	2.66E-01	3.02E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
MCS206E	1.16E-04	7.20E-02	9.18E-03	3.94E-02	0.00E+00	0.00E+00	5.62E-01	5.42E-07	5.16E-05	3.48E-04	0.00E+00	9.83E-04	4.34E-09	1.24E-10	5.76E-03	1.17E-04	3.25E-03	4.29E-08	7.21E-05	1.39E-02	3.89E-01	0.00E+00	5.39E-10	6.89E-10	8.03E-05	2.24E-06	5.21E-02	0.00E+00	3.89E-01	9.19E-10	3.89E-01	4.41E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
MCS210C	8.16E-05	4.80E-02	6.50E-03	2.79E-02	0.00E+00	0.00E+00	3.99E-01	3.83E-07	3.66E-05	2.43E-04	0.00E+00	6.94E-04	3.08E-09	8.80E-11	4.09E-03	8.14E-05	2.30E-03	2.57E-08	5.07E-05	1.01E-02	2.73E-01	0.00E+00	3.77E-10	4.84E-10	5.63E-05	1.55E-06	3.66E-02	0.00E+00	2.73E-01	6.51E-10	2.73E-01	3.10E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MCS210E	9.29E-05	5.57E-02	7.36E-03	3.16E-02	0.00E+00	0.00E+00	4.51E-01	4.34E-07	4.15E-05	2.77E-04	0.00E+00	7.87E-04	3.48E-09	9.96E-11	4.63E-03	9.29E-05	2.60E-03	3.12E-08	5.76E-05	1.14E-02	3.11E-01	0.00E+00	4.29E-10	5.50E-10	6.40E-05	1.77E-06	4.16E-02	0.00E+00	3.11E-01	7.37E-10	3.11E-01	3.52E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
MCS213C	5.02E-05	2.59E-02	4.10E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.42E-07	2.33E-05	1.49E-04	0.00E+00	4.34E-04	1.94E-09	5.62E-11	2.60E-03	4.91E-05	1.45E-03	9.24E-09	3.13E-05	6.82E-03	1.70E-01	0.00E+00	2.32E-10	2.99E-10	3.47E-05	9.21E-07	2.27E-02	0.00E+00	1.70E-01	4.11E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MCS216C	4.91E-05	2.52E-02	4.01E-03	1.73E-02	0.00E+00	0.00E+00	2.48E-01	2.37E-07	2.28E-05	1.46E-04	0.00E+00	4.25E-04	1.90E-09	5.51E-11	2.55E-03	4.80E-05	1.42E-03	8.71E-09	3.07E-05	6.70E-03	1.66E-01	0.00E+00	2.27E-10	2.92E-10	3.40E-05	9.00E-07	2.22E-02	0.00E+00	1.66E-01	4.02E-10	1.66E-01	1.88E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MCS216E	1.81E-05	3.44E-03	1.63E-03	7.08E-03	0.00E+00	0.00E+00	1.03E-01	9.65E-08	9.53E-06	5.32E-05	0.00E+00	1.68E-04	7.80E-10	2.35E-11	1.08E-03	1.61E-05	5.79E-04	7.38E-09	1.16E-05	3.40E-03	6.36E-02	0.00E+00	8.30E-11	1.09E-10	1.26E-05	2.79E-07	8.45E-03	0.00E+00	6.36E-02	1.64E-10	6.36E-02	7.21E-02	8.45E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-04
MCS220C	1.80E-05	3.44E-03	1.63E-03	7.06E-03	0.00E+00	0.00E+00	1.03E-01	9.62E-08	9.50E-06	5.30E-05	0.00E+00	1.67E-04	7.78E-10	2.34E-11	1.07E-03	1.61E-05	5.77E-04	7.35E-09	1.15E-05	3.39E-03	6.34E-02	0.00E+00	8.28E-11	1.09E-10	1.26E-05	2.78E-07	8.42E-03	0.00E+00	6.34E-02	1.64E-10	6.34E-02	7.19E-02	8.42E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-04
MCS220E	1.60E-05	1.79E-03	1.48E-03	6.44E-03	0.00E+00	0.00E+00	9.43E-02	8.76E-08	8.70E-06	4.70E-05	0.00E+00	1.51E-04	7.09E-10	2.16E-11	9.84E-04	1.40E-05	5.26E-04	8.85E-09	1.03E-05	3.22E-03	5.70E-02	0.00E+00	7.35E-11	9.74E-11	1.12E-05	2.36E-07	7.55E-03	0.00E+00	5.70E-02	1.49E-10	5.70E-02	6.45E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04
MCS225E	1.48E-04	9.22E-02	1.17E-02	5.01E-02	0.00E+00	0.00E+00	7.14E-01	6.89E-07	6.56E-05	4.43E-04	0.00E+00	1.25E-03	5.52E-09	1.57E-10	7.32E-03	1.49E-04	4.13E-03	5.57E-08	9.18E-05	1.76E-02	4.95E-01	0.00E+00	6.86E-10	8.77E-10	1.02E-04	2.86E-06	6.62E-02	0.00E+00	4.95E-01	1.17E-09	4.95E-01	5.61E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
MCS232E	2.74E-04	1.80E-01	2.14E-02	9.15E-02	0.00E+00	0.00E+00	1.30E+00	1.26E-06	1.20E-04	8.20E-04	0.00E+00	2.30E-03	1.01E-08	2.86E-10	1.33E-02	2.79E-04	7.55E-03	1.20E-07	1.69E-04	3.11E-02	9.12E-01	0.00E+00	1.27E-09	1.62E-09	1.89E-04	5.38E-06	1.22E-01	0.00E+00	9.12E-01	2.14E-09	9.12E-01	1.03E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-03
MCS240E	1.27E-04	7.65E-02	1.01E-02	4.34E-02	0.00E+00	0.00E+00	6.19E-01	5.96E-07	5.69E-05	3.80E-04	0.00E+00	1.08E-03	4.78E-09	1.37E-10	6.36E-03	1.28E-04	3.57E-03	4.29E-08	7.90E-05	1.56E-02	4.26E-01	0.00E+00	5.89E-10	7.55E-10	8.79E-05	2.43E-06	5.71E-02	0.00E+00	4.26E-01	1.01E-09	4.26E-01	4.84E-01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03
MCS250E	5.62E-05	2.71E-02	4.64E-03	2.00E-02	0.00E+00	0.00E+00	2.87E-01	2.74E-07	2.64E-05	1.67E-04	0.00E+00	4.89E-04	2.20E-09	6.40E-11	2.96E-03	5.45E-05	1.64E-03	6.78E-09	3.52E-05	7.95E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	1.01E-06	2.55E-02	0.00E+00	1.91E-01	4.65E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MCS263E	7.80E-05	4.19E-02	6.31E-03	2.71E-02	0.00E+00	0.00E+00	3.89E-01	3.73E-07	3.58E-05	2.32E-04	0.00E+00	6.70E-04	2.99E-09	8.63E-11	4.00E-03	7.68E-05	2.23E-03	1.74E-08	4.86E-05	1.03E-02	2.63E-01	0.00E+00	3.60E-10	4.63E-10	5.39E-05	1.45E-06	3.51E-02	0.00E+00	2.63E-01	6.33E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MCS306	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS306C	1.32E-04	7.85E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.40E-01	6.16E-07	5.89E-05	3.93E-04	0.00E+00	1.12E-03	4.94E-09	1.41E-10	6.58E-03	1.32E-04	3.70E-03	4.34E-08	8.16E-05	1.62E-02	4.40E-01	0.00E+00	6.08E-10	7.80E-10	9.08E-05	2.51E-06	5.89E-02	0.00E+00	4.40E-01	1.05E-09	4.40E-01	4.99E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
MCS310	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS310C	1.27E-04	7.53E-02	1.01E-02	4.34E-02	0.00E+00	0.00E+00	6.20E-01	5.97E-07	5.70E-05	3.80E-04	0.00E+00	1.08E-03	4.79E-09	1.37E-10	6.37E-03	1.27E-04	3.58E-03	4.10E-08	7.89E-05	1.57E-02	4.26E-01	0.00E+00	5.88E-10	7.54E-10	8.78E-05	2.42E-06	5.70E-02	0.00E+00	4.26E-01	1.01E-09	4.26E-01	4.83E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	3.45E-03
MCS313	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS313C	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS316C	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS320C	2.12E-05	1.03E-03	2.00E-03	8.69E-03	0.00E+00	0.00E+00	1.27E-01	1.18E-07	1.18E-05	6.20E-05	0.00E+00	2.03E-04	9.56E-10	2.92E-11	1.33E-03	1.81E-05	7.08E-04	1.41E-08	1.37E-05	4.48E-03	7.59E-02	0.00E+00	9.71E-11	1.29E-10	1.49E-05	3.00E-07	1.00E-02	0.00E+00	7.59E-02	2.01E-10	7.59E-02	8.59E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.51E-04
MCS325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS363	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS506	9.29E-05	5.57E-02	7.36E-03	3.16E-02	0.00E+00	0.00E+00	4.51E-01	4.34E-07	4.15E-05	2.77E-04	0.00E+00	7.87E-04	3.48E-09	9.96E-11	4.63E-03	9.29E-05	2.60E-03	3.12E-08	5.76E-05	1.14E-02	3.11E-01	0.00E+00	4.29E-10	5.50E-10	6.40E-05	1.77E-06	4.16E-02	0.00E+00	3.11E-01	7.37E-10	3.11E-01	3.52E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
MCS506E	2.41E-04	1.57E-01	1.88E-02	8.04E-02	0.00E+00	0.00E+00	1.14E+00	1.11E-06	1.05E-04	7.19E-04	0.00E+00	2.02E-03	8.86E-09	2.51E-10	1.17E-02	2.44E-04	6.63E-03	1.03E-07	1.49E-04	2.74E-02	8.00E-01	0.00E+00	1.11E-09	1.42E-09	1.66E-04	4.71E-06	1.07E-01	0.00E+00	8.00E-01	1.88E-09	8.00E-01	9.07E-01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	6.56E-03
MCS510	1.01E-04	6.14E-02	8.00E-03	3.43E-02	0.00E+00	0.00E+00	4.90E-01	4.72E-07	4.50E-05	3.02E-04	0.00E+00	8.56E-04	3.78E-09	1.08E-10	5.03E-03	1.01E-04	2.83E-03	3.53E-08	6.27E-05	1.23E-02	3.38E-01	0.00E+00	4.68E-10	5.99E-10	6.97E-05	1.94E-06	4.52E-02	0.00E+00	3.38E-01	8.01E-10	3.38E-01	3.83E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
MCS510E	1.91E-05	3.87E-03	1.72E-03	7.46E-03	0.00E+00	0.00E+00	1.09E-01	1.02E-07	1.00E-05	5.62E-05	0.00E+00	1.77E-04	8.21E-10	2.47E-11	1.13E-03	1.71E-05	6.10E-04	7.38E-09	1.22E-05	3.56E-03	6.71E-02	0.00E+00	8.77E-11	1.15E-10	1.34E-05	2.97E-07	8.91E-03	0.00E+00	6.71E-02	1.73E-10	6.71E-02	7.60E-02	8.91E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-04
MCS513	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCS513E	1.52E-04	9.57E-02	1.20E-02	5.13E-02	0.00E+00	0.00E+00	7.31E-01	7.06E-07	6.72E-05	4.55E-04	0.00E+00	1.28E-03	5.66E-09	1.61E-10	7.50E-03	1.54E-04	4.23E-03	5.91E-08	9.42E-05	1.79E-02	5.08E-01	0.00E+00	7.05E-10	9.01E-10	1.05E-04	2.95E-06	6.80E-02	0.00E+00	5.08E-01	1.20E-09	5.08E-01	5.76E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-03
MCS516	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCS516E	4.33E-05	2.12E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.10E-07	2.03E-05	1.29E-04	0.00E+00	3.76E-04	1.69E-09	4.90E-11	2.27E-03	4.20E-05	1.26E-03	5.83E-09	2.70E-05	6.06E-03	1.47E-01	0.00E+00	2.00E-10	2.58E-10	2.99E-05	7.83E-07	1.96E-02	0.00E+00	1.47E-01	3.57E-10	1.47E-01	1.66E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCS520	7.25E-05	4.12E-02	5.82E-03	2.50E-02	0.00E+00	0.00E+00	3.57E-01	3.43E-07	3.29E-05	2.16E-04	0.00E+00	6.19E-04	2.75E-09	7.91E-11	3.67E-03	7.20E-05	2.06E-03	2.01E-08	4.51E-05	9.25E-03	2.44E-01	0.00E+00	3.35E-10	4.30E-10	5.01E-05	1.36E-06	3.26E-02	0.00E+00	2.44E-01	5.82E-10	2.44E-01	2.76E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MCS520E	2.12E-05	5.44E-03	1.88E-03	8.12E-03	0.00E+00	0.00E+00	1.18E-01	1.11E-07	1.09E-05	6.24E-05	0.00E+00	1.94E-04	8.94E-10	2.68E-11	1.23E-03	1.93E-05	6.65E-04	6.09E-09	1.35E-05	3.76E-03	7.39E-02	0.00E+00	9.73E-11	1.28E-10	1.48E-05	3.39E-07	9.83E-03	0.00E+00	7.39E-02	1.88E-10	7.39E-02	8.38E-02	9.83E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
MCS525	1.69E-05	1.64E-03	1.57E-03	6.81E-03	0.00E+00	0.00E+00	9.97E-02	9.25E-08	9.20E-06	4.94E-05	0.00E+00	1.60E-04	7.49E-10	2.28E-11	1.04E-03	1.46E-05	5.56E-04	9.74E-09	1.09E-05	3.43E-03	6.00E-02	0.00E+00	7.73E-11	1.03E-10	1.18E-05	2.46E-07	7.96E-03	0.00E+00	6.00E-02	1.58E-10	6.00E-02	6.80E-02	7.96E-03	0.00E+00	0.00E+00	0.00E+00	4.40E-04
MCS525E	6.52E-05	3.54E-02	5.27E-03	2.27E-02	0.00E+00	0.00E+00	3.25E-01	3.11E-07	2.98E-05	1.94E-04	0.00E+00	5.60E-04	2.50E-09	7.20E-11	3.34E-03	6.42E-05	1.86E-03	1.51E-08	4.06E-05	8.57E-03	2.20E-01	0.00E+00	3.01E-10	3.87E-10	4.50E-05	1.21E-06	2.94E-02	0.00E+00	2.20E-01	5.28E-10	2.20E-01	2.49E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MCS532	8.22E-05	4.58E-02	6.62E-03	2.84E-02	0.00E+00	0.00E+00	4.07E-01	3.90E-07	3.74E-05	2.45E-04	0.00E+00	7.04E-04	3.13E-09	9.01E-11	4.19E-03	8.13E-05	2.34E-03	2.12E-08	5.11E-05	1.06E-02	2.77E-01	0.00E+00	3.80E-10	4.88E-10	5.68E-05	1.54E-06	3.70E-02	0.00E+00	2.77E-01	6.63E-10	2.77E-01	3.14E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
MCS532E	7.49E-05	4.07E-02	6.05E-03	2.60E-02	0.00E+00	0.00E+00	3.73E-01	3.57E-07	3.43E-05	2.23E-04	0.00E+00	6.43E-04	2.87E-09	8.26E-11	3.83E-03	7.38E-05	2.14E-03	1.76E-08	4.66E-05	9.83E-03	2.52E-01	0.00E+00	3.46E-10	4.45E-10	5.17E-05	1.39E-06	3.37E-02	0.00E+00	2.52E-01	6.06E-10	2.52E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MCS540	1.72E-05	1.78E-03	1.59E-03	6.92E-03	0.00E+00	0.00E+00	1.01E-01	9.40E-08	9.34E-06	5.03E-05	0.00E+00	1.62E-04	7.61E-10	2.32E-11	1.06E-03	1.49E-05	5.65E-04	9.72E-09	1.11E-05	3.47E-03	6.11E-02	0.00E+00	7.87E-11	1.04E-10	1.21E-05	2.51E-07	8.09E-03	0.00E+00	6.11E-02	1.60E-10	6.11E-02	6.92E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04
MCS540E	7.28E-05	3.92E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.63E-01	3.48E-07	3.34E-05	2.17E-04	0.00E+00	6.26E-04	2.79E-09	8.06E-11	3.74E-03	7.17E-05	2.09E-03	1.62E-08	4.54E-05	9.64E-03	2.46E-01	0.00E+00	3.36E-10	4.33E-10	5.03E-05	1.35E-06	3.28E-02	0.00E+00	2.46E-01	5.91E-10	2.46E-01	2.78E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
MCS550	5.96E-05	2.94E-02	4.90E-03	2.11E-02	0.00E+00	0.00E+00	3.03E-01	2.89E-07	2.79E-05	1.77E-04	0.00E+00	5.18E-04	2.33E-09	6.75E-11	3.12E-03	5.80E-05	1.73E-03	8.46E-09	3.73E-05	8.32E-03	2.02E-01	0.00E+00	2.75E-10	3.55E-10	4.13E-05	1.08E-06	2.70E-02	0.00E+00	2.02E-01	4.91E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
MCS550E	5.25E-05	2.45E-02	4.35E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.48E-05	1.56E-04	0.00E+00	4.59E-04	2.07E-09	6.02E-11	2.78E-03	5.07E-05	1.54E-03	4.98E-09	3.29E-05	7.54E-03	1.79E-01	0.00E+00	2.42E-10	3.13E-10	3.64E-05	9.40E-07	2.38E-02	0.00E+00	1.79E-01	4.36E-10	1.79E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MCS563	5.54E-05	2.65E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.83E-01	2.70E-07	2.61E-05	1.65E-04	0.00E+00	4.83E-04	2.17E-09	6.32E-11	2.92E-03	5.37E-05	1.62E-03	6.40E-09	3.47E-05	7.86E-03	1.88E-01	0.00E+00	2.56E-10	3.30E-10	3.84E-05	9.98E-07	2.51E-02	0.00E+00	1.88E-01	4.59E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS563E	6.42E-05	3.25E-02	5.26E-03	2.26E-02	0.00E+00	0.00E+00	3.25E-01	3.10E-07	2.99E-05	1.91E-04	0.00E+00	5.56E-04	2.49E-09	7.22E-11	3.34E-03	6.27E-05	1.86E-03	1.07E-08	4.01E-05	8.82E-03	2.17E-01	0.00E+00	2.97E-10	3.82E-10	4.44E-05	1.17E-06	2.90E-02	0.00E+00	2.17E-01	5.27E-10	2.17E-01	2.46E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MCS606	3.00E-05	2.76E-03	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.78E-01	1.65E-07	1.64E-05	8.78E-05	0.00E+00	2.84E-04	1.33E-09	4.06E-11	1.85E-03	2.60E-05	9.89E-04	1.76E-08	1.93E-05	6.12E-03	1.07E-01	0.00E+00	1.37E-10	1.82E-10	2.10E-05	4.36E-07	1.41E-02	0.00E+00	1.07E-01	2.80E-10	1.07E-01	1.21E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
MCS606E	1.96E-04	1.18E-01	1.55E-02	6.65E-02	0.00E+00	0.00E+00	9.49E-01	9.14E-07	8.72E-05	5.84E-04	0.00E+00	1.66E-03	7.33E-09	2.09E-10	9.74E-03	1.96E-04	5.48E-03	6.76E-08	1.21E-04	2.38E-02	6.54E-01	0.00E+00	9.05E-10	1.16E-09	1.35E-04	3.75E-06	8.76E-02	0.00E+00	6.54E-01	1.55E-09	6.54E-01	7.42E-01	8.76E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
MCS610	1.96E-04	1.19E-01	1.55E-02	6.67E-02	0.00E+00	0.00E+00	9.52E-01	9.17E-07	8.75E-05	5.85E-04	0.00E+00	1.66E-03	7.35E-09	2.10E-10	9.77E-03	1.97E-04	5.50E-03	6.75E-08	1.22E-04	2.39E-02	6.56E-01	0.00E+00	9.07E-10	1.16E-09	1.35E-04	3.75E-06	8.78E-02	0.00E+00	6.56E-01	1.56E-09	6.56E-01	7.44E-01	8.78E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
MCS610E	1.82E-04	1.09E-01	1.45E-02	6.21E-02	0.00E+00	0.00E+00	8.87E-01	8.54E-07	8.15E-05	5.44E-04	0.00E+00	1.55E-03	6.85E-09	1.96E-10	9.11E-03	1.82E-04	5.12E-03	6.08E-08	1.13E-04	2.24E-02	6.11E-01	0.00E+00	8.44E-10	1.08E-09	1.26E-04	3.48E-06	8.17E-02	0.00E+00	6.11E-01	1.45E-09	6.11E-01	6.92E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-03
MCS613	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS613E	1.29E-04	7.15E-02	1.04E-02	4.47E-02	0.00E+00	0.00E+00	6.40E-01	6.14E-07	5.88E-05	3.85E-04	0.00E+00	1.11E-03	4.93E-09	1.42E-10	6.58E-03	1.28E-04	3.68E-03	3.26E-08	8.03E-05	1.68E-02	4.35E-01	0.00E+00	5.97E-10	7.67E-10	8.92E-05	2.41E-06	5.81E-02	0.00E+00	4.35E-01	1.04E-09	4.35E-01	4.93E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
MCS616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS616E	3.46E-05	5.90E-03	3.14E-03	1.36E-02	0.00E+00	0.00E+00	1.99E-01	1.86E-07	1.84E-05	1.02E-04	0.00E+00	3.22E-04	1.50E-09	4.53E-11	2.07E-03	3.07E-05	1.11E-03	1.54E-08	2.21E-05	6.62E-03	1.22E-01	0.00E+00	1.59E-10	2.09E-10	2.42E-05	5.27E-07	1.62E-02	0.00E+00	1.22E-01	3.16E-10	1.22E-01	1.38E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.07E-04
MCS620	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS620E	3.31E-06	2.07E-02	2.40E-04	1.22E-03	0.00E+00	0.00E+00	2.30E-02	1.45E-08	2.18E-06	1.19E-05	0.00E+00	8.40E-06	1.32E-10	6.87E-12	2.73E-04	8.27E-06	8.88E-05	3.51E-08	1.17E-06	2.61E-03	3.19E-03	0.00E+00	1.69E-11	1.40E-11	1.84E-06	2.31E-07	6.00E-04	0.00E+00	3.19E-03	2.56E-11	3.19E-03	3.79E-03	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS625	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS625E	2.04E-05	5.91E-03	2.10E-03	9.20E-03	0.00E+00	0.00E+00	1.37E-01	1.24E-07	1.26E-05	5.88E-05	0.00E+00	2.08E-04	1.01E-09	3.19E-11	1.44E-03	1.56E-05	7.47E-04	2.61E-08	1.35E-05	5.41E-03	7.57E-02	0.00E+00	9.26E-11	1.26E-10	1.45E-05	2.26E-07	9.97E-03	0.00E+00	7.57E-02	2.12E-10	7.57E-02	8.57E-02	9.97E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
MCS632	1.63E-04	9.03E-02	1.31E-02	5.63E-02	0.00E+00	0.00E+00	8.05E-01	7.72E-07	7.41E-05	4.84E-04	0.00E+00	1.39E-03	6.20E-09	1.78E-10	8.28E-03	1.61E-04	4.63E-03	4.14E-08	1.01E-04	2.11E-02	5.47E-01	0.00E+00	7.51E-10	9.65E-10	1.12E-04	3.04E-06	7.32E-02	0.00E+00	5.47E-01	1.31E-09	5.47E-01	6.20E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-03
MCS632E	1.48E-04	6.48E-02	1.22E-02	5.26E-02	0.00E+00	0.00E+00	7.58E-01	7.21E-07	6.98E-05	4.34E-04	0.00E+00	1.28E-03	5.80E-09	1.69E-10	7.83E-03	1.40E-04	4.33E-03	0.00E+00	9.13E-05	2.16E-02	4.99E-01	0.00E+00	6.74E-10	8.73E-10	1.01E-04	2.59E-06	6.65E-02	0.00E+00	4.99E-01	1.22E-09	4.99E-01	5.65E-01	6.65E-02	0.00E+00	0.00E+00	0.00E+00	3.92E-03
MCS640	1.27E-04	6.55E-02	1.03E-02	4.45E-02	0.00E+00	0.00E+00	6.39E-01	6.11E-07	5.87E-05	3.77E-04	0.00E+00	1.10E-03	4.91E-09	1.42E-10	6.58E-03	1.24E-04	3.66E-03	2.33E-08	7.91E-05	1.72E-02	4.29E-01	0.00E+00	5.86E-10	7.55E-10	8.77E-05	2.33E-06	5.73E-02	0.00E+00	4.29E-01	1.04E-09	4.29E-01	4.86E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	3.42E-03
MCS640E	4.05E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.82E-11	2.22E-03	3.99E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.35E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MCU110P	2.44E-05	1.24E-02	1.99E-03	8.57E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.24E-05	0.00E+00	2.11E-04	9.44E-10	2.73E-11	1.27E-03	2.38E-05	7.05E-04	4.16E-09	1.52E-05	3.33E-03	8.24E-02	0.00E+00	1.12E-10	1.45E-10	1.68E-05	4.45E-07	1.10E-02	0.00E+00	8.24E-02	2.00E-10	8.24E-02	9.34E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
MCU116P	2.38E-05	1.21E-02	1.95E-03	8.38E-03	0.00E+00	0.00E+00	1.20E-01	1.15E-07	1.11E-05	7.08E-05	0.00E+00	2.06E-04	9.24E-10	2.68E-11	1.24E-03	2.32E-05	6.89E-04	3.98E-09	1.49E-05	3.27E-03	8.06E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.35E-07	1.08E-02	0.00E+00	8.06E-02	1.95E-10	8.06E-02	9.14E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
MCU120P	2.54E-05	1.31E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.57E-05	0.00E+00	2.20E-04	9.84E-10	2.85E-11	1.32E-03	2.49E-05	7.34E-04	4.70E-09	1.59E-05	3.45E-03	8.60E-02	0.00E+00	1.17E-10	1.51E-10	1.76E-05	4.67E-07	1.15E-02	0.00E+00	8.60E-02	2.08E-10	8.60E-02	9.75E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
MCU125P	2.67E-05	1.31E-02	2.20E-03	9.48E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	7.95E-05	0.00E+00	2.33E-04	1.04E-09	3.03E-11	1.40E-03	2.60E-05	7.79E-04	3.57E-09	1.67E-05	3.75E-03	9.07E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.84E-07	1.21E-02	0.00E+00	9.07E-02	2.21E-10	9.07E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.20E-04
MCU132P	2.42E-05	1.11E-02	2.01E-03	8.66E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.18E-05	0.00E+00	2.12E-04	9.54E-10	2.78E-11	1.29E-03	2.33E-05	7.12E-04	1.99E-09	1.52E-05	3.50E-03	8.24E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.32E-07	1.10E-02	0.00E+00	8.24E-02	2.02E-10	8.24E-02	9.34E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.50E-04
MCU140P	2.37E-05	1.06E-02	1.97E-03	8.50E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	7.02E-05	0.00E+00	2.07E-04	9.37E-10	2.73E-11	1.26E-03	2.27E-05	6.98E-04	1.47E-09	1.48E-05	3.47E-03	8.07E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.20E-07	1.08E-02	0.00E+00	8.07E-02	1.98E-10	8.07E-02	9.14E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
MCU150P	2.52E-05	1.14E-02	2.09E-03	9.02E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.47E-05	0.00E+00	2.20E-04	9.94E-10	2.90E-11	1.34E-03	2.42E-05	7.41E-04	1.79E-09	1.58E-05	3.67E-03	8.57E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.47E-07	1.14E-02	0.00E+00	8.57E-02	2.10E-10	8.57E-02	9.72E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04
MCU163P	2.64E-05	1.22E-02	2.19E-03	9.44E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.83E-05	0.00E+00	2.31E-04	1.04E-09	3.03E-11	1.40E-03	2.54E-05	7.76E-04	2.22E-09	1.65E-05	3.82E-03	8.98E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.71E-07	1.20E-02	0.00E+00	8.98E-02	2.20E-10	8.98E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.08E-04
MCU206P	5.46E-05	2.70E-02	4.49E-03	1.93E-02	0.00E+00	0.00E+00	2.77E-01	2.65E-07	2.55E-05	1.62E-04	0.00E+00	4.74E-04	2.13E-09	6.18E-11	2.86E-03	5.31E-05	1.59E-03	7.86E-09	3.41E-05	7.61E-03	1.85E-01	0.00E+00	2.52E-10	3.25E-10	3.78E-05	9.91E-07	2.47E-02	0.00E+00	1.85E-01	4.50E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MCU210P	5.48E-05	2.92E-02	4.45E-03	1.91E-02	0.00E+00	0.00E+00	2.74E-01	2.62E-07	2.52E-05	1.63E-04	0.00E+00	4.72E-04	2.11E-09	6.09E-11	2.82E-03	5.39E-05	1.57E-03	1.16E-08	3.42E-05	7.30E-03	1.85E-01	0.00E+00	2.53E-10	3.26E-10	3.79E-05	1.01E-06	2.47E-02	0.00E+00	1.85E-01	4.46E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MCU216P	5.21E-05	2.72E-02	4.24E-03	1.82E-02	0.00E+00	0.00E+00	2.61E-01	2.50E-07	2.41E-05	1.55E-04	0.00E+00	4.49E-04	2.01E-09	5.81E-11	2.69E-03	5.11E-05	1.50E-03	1.02E-08	3.25E-05	7.02E-03	1.76E-01	0.00E+00	2.41E-10	3.10E-10	3.60E-05	9.59E-07	2.35E-02	0.00E+00	1.76E-01	4.25E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MCU220P	5.05E-05	2.48E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.36E-05	1.50E-04	0.00E+00	4.38E-04	1.97E-09	5.71E-11	2.65E-03	4.90E-05	1.47E-03	7.00E-09	3.15E-05	7.05E-03	1.71E-01	0.00E+00	2.33E-10	3.01E-10	3.49E-05	9.14E-07	2.29E-02	0.00E+00	1.71E-01	4.16E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MCU225P	5.45E-05	2.66E-02	4.49E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.65E-07	2.55E-05	1.62E-04	0.00E+00	4.74E-04	2.13E-09	6.18E-11	2.86E-03	5.29E-05	1.59E-03	7.30E-09	3.41E-05	7.64E-03	1.85E-01	0.00E+00	2.52E-10	3.25E-10	3.77E-05	9.86E-07	2.47E-02	0.00E+00	1.85E-01	4.50E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MCU232P	5.06E-05	2.37E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.47E-07	2.39E-05	1.50E-04	0.00E+00	4.42E-04	1.99E-09	5.79E-11	2.68E-03	4.89E-05	1.48E-03	4.88E-09	3.17E-05	7.26E-03	1.72E-01	0.00E+00	2.33E-10	3.02E-10	3.50E-05	9.06E-07	2.30E-02	0.00E+00	1.72E-01	4.20E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MCU240P	5.34E-05	2.58E-02	4.40E-03	1.90E-02	0.00E+00	0.00E+00	2.72E-01	2.60E-07	2.51E-05	1.59E-04	0.00E+00	4.65E-04	2.09E-09	6.07E-11	2.81E-03	5.18E-05	1.56E-03	6.68E-09	3.34E-05	7.53E-03	1.81E-01	0.00E+00	2.46E-10	3.18E-10	3.70E-05	9.64E-07	2.42E-02	0.00E+00	1.81E-01	4.41E-10	1.81E-01	2.06E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MCU250P	3.83E-05	1.51E-02	3.25E-03	1.40E-02	0.00E+00	0.00E+00	2.02E-01	1.92E-07	1.86E-05	1.13E-04	0.00E+00	3.40E-04	1.54E-09	4.54E-11	2.09E-03	3.62E-05	1.15E-03	1.47E-09	2.41E-05	5.95E-03	1.31E-01	0.00E+00	1.76E-10	2.29E-10	2.66E-05	6.60E-07	1.75E-02	0.00E+00	1.31E-01	3.26E-10	1.31E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03

MCU263P	4.81E-05	2.11E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.50E-01	2.37E-07	2.30E-05	1.43E-04	0.00E+00	4.22E-04	1.91E-09	5.58E-11	2.58E-03	4.61E-05	1.42E-03	2.14E-09	3.02E-05	7.12E-03	1.64E-01	0.00E+00	2.22E-10	2.87E-10	3.33E-05	8.49E-07	2.19E-02	0.00E+00	1.64E-01	4.03E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MCU306P	7.79E-05	3.81E-02	6.41E-03	2.76E-02	0.00E+00	0.00E+00	3.97E-01	3.79E-07	3.65E-05	2.32E-04	0.00E+00	6.77E-04	3.04E-09	8.84E-11	4.09E-03	7.57E-05	2.27E-03	1.04E-08	4.87E-05	1.09E-02	2.64E-01	0.00E+00	3.60E-10	4.64E-10	5.40E-05	1.41E-06	3.53E-02	0.00E+00	2.64E-01	6.43E-10	2.64E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
MCU310P	2.21E-04	1.39E-01	1.74E-02	7.45E-02	0.00E+00	0.00E+00	1.06E+00	1.02E-06	9.75E-05	6.60E-04	0.00E+00	1.86E-03	8.21E-09	2.34E-10	1.09E-02	2.23E-04	6.14E-03	8.52E-08	1.37E-04	2.61E-02	7.37E-01	0.00E+00	1.02E-09	1.31E-09	1.52E-04	4.27E-06	9.87E-02	0.00E+00	7.37E-01	1.74E-09	7.37E-01	8.36E-01	9.87E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
MCU316P	7.48E-05	3.87E-02	6.10E-03	2.62E-02	0.00E+00	0.00E+00	3.76E-01	3.60E-07	3.46E-05	2.22E-04	0.00E+00	6.46E-04	2.89E-09	8.36E-11	3.88E-03	7.32E-05	2.16E-03	1.39E-08	4.67E-05	1.01E-02	2.53E-01	0.00E+00	3.45E-10	4.45E-10	5.17E-05	1.37E-06	3.38E-02	0.00E+00	2.53E-01	6.11E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MCU320P	6.57E-05	3.06E-02	5.44E-03	2.35E-02	0.00E+00	0.00E+00	3.37E-01	3.21E-07	3.11E-05	1.95E-04	0.00E+00	5.74E-04	2.58E-09	7.53E-11	3.48E-03	6.34E-05	1.93E-03	6.12E-09	4.11E-05	9.45E-03	2.23E-01	0.00E+00	3.03E-10	3.92E-10	4.55E-05	1.17E-06	2.98E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.53E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MCU325P	7.28E-05	3.42E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.16E-04	0.00E+00	6.36E-04	2.86E-09	8.34E-11	3.86E-03	7.04E-05	2.14E-03	7.26E-09	4.56E-05	1.04E-02	2.48E-01	0.00E+00	3.36E-10	4.34E-10	5.05E-05	1.31E-06	3.31E-02	0.00E+00	2.48E-01	6.05E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MCU332P	7.60E-05	3.60E-02	6.29E-03	2.71E-02	0.00E+00	0.00E+00	3.89E-01	3.71E-07	3.58E-05	2.26E-04	0.00E+00	6.63E-04	2.98E-09	8.68E-11	4.02E-03	7.35E-05	2.23E-03	8.14E-09	4.76E-05	1.08E-02	2.58E-01	0.00E+00	3.51E-10	4.53E-10	5.27E-05	1.37E-06	3.45E-02	0.00E+00	2.58E-01	6.30E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MCU340P	7.48E-05	3.48E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.66E-07	3.54E-05	2.22E-04	0.00E+00	6.53E-04	2.94E-09	8.58E-11	3.97E-03	7.21E-05	2.20E-03	6.78E-09	4.68E-05	1.08E-02	2.54E-01	0.00E+00	3.45E-10	4.46E-10	5.18E-05	1.34E-06	3.40E-02	0.00E+00	2.54E-01	6.22E-10	2.54E-01	2.88E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MCU350P	7.40E-05	3.36E-02	6.16E-03	2.65E-02	0.00E+00	0.00E+00	3.82E-01	3.63E-07	3.52E-05	2.20E-04	0.00E+00	6.48E-04	2.92E-09	8.53E-11	3.94E-03	7.12E-05	2.18E-03	5.31E-09	4.64E-05	1.08E-02	2.52E-01	0.00E+00	3.41E-10	4.42E-10	5.13E-05	1.32E-06	3.36E-02	0.00E+00	2.52E-01	6.17E-10	2.52E-01	2.86E-01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCU363P	7.76E-05	3.59E-02	6.44E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.80E-07	3.67E-05	2.30E-04	0.00E+00	6.78E-04	3.06E-09	8.91E-11	4.12E-03	7.48E-05	2.28E-03	6.81E-09	4.86E-05	1.12E-02	2.64E-01	0.00E+00	3.58E-10	4.63E-10	5.38E-05	1.39E-06	3.52E-02	0.00E+00	2.64E-01	6.45E-10	2.64E-01	2.99E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MCU406P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MCU410P	1.10E-04	5.84E-02	8.94E-03	3.84E-02	0.00E+00	0.00E+00	5.51E-01	5.27E-07	5.07E-05	3.28E-04	0.00E+00	9.48E-04	4.24E-09	1.22E-10	5.67E-03	1.08E-04	3.16E-03	2.32E-08	6.86E-05	1.47E-02	3.72E-01	0.00E+00	5.09E-10	6.54E-10	7.61E-05	2.03E-06	4.97E-02	0.00E+00	3.72E-01	8.95E-10	3.72E-01	4.21E-01	4.97E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
MCU416P	6.55E-05	2.77E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.94E-04	0.00E+00	5.78E-04	2.62E-09	7.67E-11	3.54E-03	6.24E-05	1.95E-03	9.03E-10	4.11E-05	9.88E-03	2.24E-01	0.00E+00	3.02E-10	3.91E-10	4.54E-05	1.15E-06	2.99E-02	0.00E+00	2.24E-01	5.52E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
MCU420P	1.01E-04	4.96E-02	8.30E-03	3.57E-02	0.00E+00	0.00E+00	5.13E-01	4.90E-07	4.72E-05	3.00E-04	0.00E+00	8.77E-04	3.94E-09	1.14E-10	5.29E-03	9.81E-05	2.94E-03	1.40E-08	6.31E-05	1.41E-02	3.42E-01	0.00E+00	4.66E-10	6.01E-10	6.99E-05	1.83E-06	4.57E-02	0.00E+00	3.42E-01	8.32E-10	3.42E-01	3.88E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MCU425P	9.92E-05	4.68E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.09E-01	4.85E-07	4.68E-05	2.95E-04	0.00E+00	8.66E-04	3.90E-09	1.13E-10	5.25E-03	9.59E-05	2.91E-03	1.02E-08	6.21E-05	1.42E-02	3.37E-01	0.00E+00	4.58E-10	5.92E-10	6.87E-05	1.78E-06	4.50E-02	0.00E+00	3.37E-01	8.23E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MCU432P	9.67E-05	4.43E-02	8.04E-03	3.46E-02	0.00E+00	0.00E+00	4.99E-01	4.75E-07	4.59E-05	2.87E-04	0.00E+00	8.47E-04	3.82E-09	1.11E-10	5.15E-03	9.31E-05	2.85E-03	7.51E-09	6.06E-05	1.40E-02	3.29E-01	0.00E+00	4.46E-10	5.77E-10	6.70E-05	1.72E-06	4.40E-02	0.00E+00	3.29E-01	8.06E-10	3.29E-01	3.73E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
MCU440P	1.00E-04	4.66E-02	8.30E-03	3.57E-02	0.00E+00	0.00E+00	5.14E-01	4.90E-07	4.73E-05	2.97E-04	0.00E+00	8.74E-04	3.94E-09	1.15E-10	5.31E-03	9.66E-05	2.94E-03	9.31E-09	6.27E-05	1.44E-02	3.40E-01	0.00E+00	4.62E-10	5.97E-10	6.93E-05	1.79E-06	4.54E-02	0.00E+00	3.40E-01	8.32E-10	3.40E-01	3.86E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
MCU450P	8.67E-05	3.63E-02	7.30E-03	3.15E-02	0.00E+00	0.00E+00	4.54E-01	4.31E-07	4.18E-05	2.57E-04	0.00E+00	7.65E-04	3.47E-09	1.02E-10	4.69E-03	8.26E-05	2.58E-03	6.79E-10	5.45E-05	1.31E-02	2.97E-01	0.00E+00	4.00E-10	5.18E-10	6.02E-05	1.51E-06	3.96E-02	0.00E+00	2.97E-01	7.32E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCU463P	9.85E-05	4.43E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.10E-01	4.85E-07	4.69E-05	2.92E-04	0.00E+00	8.64E-04	3.90E-09	1.14E-10	5.26E-03	9.47E-05	2.91E-03	6.29E-09	6.18E-05	1.44E-02	3.36E-01	0.00E+00	4.54E-10	5.88E-10	6.83E-05	1.75E-06	4.48E-02	0.00E+00	3.36E-01	8.23E-10	3.36E-01	3.81E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
MCX106P	2.70E-05	1.35E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.02E-05	0.00E+00	2.34E-04	1.05E-09	3.04E-11	1.41E-03	2.63E-05	7.83E-04	4.19E-09	1.69E-05	3.73E-03	9.14E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.91E-07	1.22E-02	0.00E+00	9.14E-02	2.22E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
MCX110P	3.08E-05	1.65E-02	2.50E-03	1.07E-02	0.00E+00	0.00E+00	1.54E-01	1.48E-07	1.42E-05	9.18E-05	0.00E+00	2.65E-04	1.18E-09	3.42E-11	1.59E-03	3.03E-05	8.85E-04	6.65E-09	1.92E-05	4.10E-03	1.04E-01	0.00E+00	1.42E-10	1.83E-10	2.13E-05	5.70E-07	1.39E-02	0.00E+00	1.04E-01	2.50E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
MCX116P	2.02E-05	8.94E-03	1.68E-03	7.26E-03	0.00E+00	0.00E+00	1.05E-01	9.94E-08	9.63E-06	5.98E-05	0.00E+00	1.77E-04	8.00E-10	2.34E-11	1.08E-03	1.93E-05	5.96E-04	1.03E-09	1.27E-05	2.98E-03	6.88E-02	0.00E+00	9.30E-11	1.20E-10	1.40E-05	3.57E-07	9.18E-03	0.00E+00	6.88E-02	1.69E-10	6.88E-02	7.80E-02	9.18E-03	0.00E+00	0.00E+00	0.00E+00	5.41E-04
MCX120P	2.58E-05	1.28E-02	2.12E-03	9.12E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.67E-05	0.00E+00	2.24E-04	1.00E-09	2.91E-11	1.35E-03	2.51E-05	7.49E-04	3.77E-09	1.61E-05	3.59E-03	8.74E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.68E-07	1.17E-02	0.00E+00	8.74E-02	2.12E-10	8.74E-02	9.91E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-04
MCX125P	2.35E-05	1.09E-02	1.95E-03	8.40E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.97E-05	0.00E+00	2.05E-04	9.25E-10	2.70E-11	1.25E-03	2.27E-05	6.90E-04	2.07E-09	1.47E-05	3.39E-03	8.00E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.20E-07	1.07E-02	0.00E+00	8.00E-02	1.95E-10	8.00E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.31E-04
MCX132P	2.29E-05	1.03E-02	1.91E-03	8.21E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.09E-05	6.79E-05	0.00E+00	2.01E-04	9.05E-10	2.64E-11	1.22E-03	2.20E-05	6.75E-04	1.51E-09	1.43E-05	3.35E-03	7.80E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04
MCX140P	2.64E-05	1.28E-02	2.17E-03	9.36E-03	0.00E+00	0.00E+00	1.35E-01	1.28E-07	1.24E-05	7.83E-05	0.00E+00	2.29E-04	1.03E-09	3.00E-11	1.39E-03	2.56E-05	7.69E-04	3.30E-09	1.65E-05	3.72E-03	8.95E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.76E-07	1.20E-02	0.00E+00	8.95E-02	2.18E-10	8.95E-02	1.01E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MD106P	2.68E-05	1.32E-02	2.20E-03	9.48E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	7.96E-05	0.00E+00	2.33E-04	1.04E-09	3.03E-11	1.40E-03	2.60E-05	7.79E-04	3.75E-09	1.67E-05	3.74E-03	9.08E-02	0.00E+00	1.24E-10	1.60E-10	1.85E-05	4.85E-07	1.21E-02	0.00E+00	9.08E-02	2.21E-10	9.08E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.21E-04
MD110P	2.36E-05	1.14E-02	1.95E-03	8.38E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	7.01E-05	0.00E+00	2.06E-04	9.24E-10	2.69E-11	1.24E-03	2.29E-05	6.89E-04	2.88E-09	1.48E-05	3.34E-03	8.02E-02	0.00E+00	1.09E-10	1.41E-10	1.63E-05	4.26E-07	1.07E-02	0.00E+00	8.02E-02	1.95E-10	8.02E-02	9.09E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
MD116P	2.50E-05	1.22E-02	2.05E-03	8.84E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.42E-05	0.00E+00	2.17E-04	9.75E-10	2.83E-11	1.31E-03	2.42E-05	7.27E-04	3.37E-09	1.56E-05	3.50E-03	8.47E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.52E-07	1.13E-02	0.00E+00	8.47E-02	2.06E-10	8.47E-02	9.60E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MD120P	7.78E-06	4.65E-04	7.30E-04	3.17E-03	0.00E+00	0.00E+00	4.66E-02	4.31E-08	4.30E-06	2.28E-05	0.00E+00	7.41E-05	3.49E-10	1.07E-11	4.86E-04	6.67E-06	2.59E-04	5.02E-09	5.02E-06	1.63E-03	2.78E-02	0.00E+00	3.56E-11	4.73E-11	5.46E-06	1.11E-07	3.68E-03	0.00E+00	2.78E-02	7.34E-11	2.78E-02	3.15E-02	3.68E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MD132P	2.69E-05	1.29E-02	2.22E-03	9.55E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.98E-05	0.00E+00	2.34E-04	1.05E-09	3.06E-11	1.42E-03	2.60E-05	7.85E-04	3.21E-09	1.68E-05	3.80E-03	9.12E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.84E-07	1.22E-02	0.00E+00	9.12E-02	2.22E-10	9.12E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.23E-04
MD206P	4.76E-05	2.25E-02	3.94E-03	1.70E-02	0.00E+00	0.00E+00	2.44E-01	2.32E-07	2.24E-05	1.41E-04	0.00E+00	4.15E-04	1.87E-09	5.44E-11	2.52E-03	4.60E-05	1.39E-03	4.92E-09	2.98E-05	6.80E-03	1.62E-01	0.00E+00	2.20E-10	2.84E-10	3.30E-05	8.54E-07	2.16E-02	0.00E+00	1.62E-01	3.95E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MD210P	5.36E-05	2.71E-02	4.39E-03	1.89E-02	0.00E+00	0.00E+00	2.71E-01	2.59E-07	2.49E-05	1.59E-04	0.00E+00	4.64E-04	2.08E-09	6.03E-11	2.79E-03	5.23E-05	1.55E-03	8.88E-09	3.35E-05	7.37E-03	1.82E-01	0.00E+00	2.48E-10	3.19E-10	3.71E-05	9.79E-07	2.43E-02	0.00E+00	1.82E-01	4.40E-10	1.82E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MD216P	4.83E-05	2.34E-02	3.98E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.35E-07	2.27E-05	1.43E-04	0.00E+00	4.20E-04	1.89E-09	5.49E-11	2.54E-03	4.68E-05	1.41E-03	6.10E-09	3.02E-05	6.80E-03	1.64E-01	0.00E+00	2.23E-10	2.88E-10	3.34E-05	8.72E-07	2.19E-02	0.00E+00	1.64E-01	3.99E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MD220P	5.15E-05	2.54E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.53E-04	0.00E+00	4.47E-04	2.01E-09	5.83E-11	2.70E-03	5.01E-05	1.50E-03	7.35E-09	3.22E-05	7.18E-03	1.75E-01	0.00E+00	2.38E-10	3.07E-10	3.57E-05	9.34E-07	2.33E-02	0.00E+00	1.75E-01	4.24E-10	1.75E-01	1.98E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MD225P	4.94E-05	2.33E-02	4.09E-03	1.76E-02	0.00E+00	0.00E+00	2.54E-01	2.42E-07	2.33E-05	1.47E-04	0.00E+00	4.31E-04	1.94E-09	5.65E-11	2.62E-03	4.78E-05	1.45E-03	5.08E-09	3.10E-05	7.07E-03	1.68E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.87E-07	2.24E-02	0.00E+00	1.68E-01	4.10E-10	1.68E-01	1.91E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MD263P	7.75E-05	4.19E-02	6.27E-03	2.70E-02	0.00E+00	0.00E+00	3.86E-01	3.70E-07	3.55E-05	2.31E-04	0.00E+00	6.66E-04	2.97E-09	8.56E-11	3.97E-03	7.63E-05	2.22E-03	1.77E-08	4.83E-05	1.02E-02	2.61E-01	0.00E+00	3.58E-10	4.60E-10	5.36E-05	1.44E-06	3.49E-02	0.00E+00	2.61E-01	6.28E-10	2.61E-01	2.96E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MD306P	6.87E-05	3.18E-02	5.70E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.04E-04	0.00E+00	6.00E-04	2.71E-09	7.88E-11	3.65E-03	6.62E-05	2.02E-03	6.07E-09	4.30E-05	9.91E-03	2.34E-01	0.00E+00	3.17E-10	4.10E-10	4.76E-05	1.23E-06	3.12E-02	0.00E+00	2.34E-01	5.71E-10	2.34E-01	2.65E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MD310P	7.34E-05	3.60E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.73E-01	3.56E-07	3.43E-05	2.18E-04	0.00E+00	6.37E-04	2.86E-09	8.31E-11	3.85E-03	7.13E-05	2.14E-03	1.01E-08	4.59E-05	1.03E-02	2.49E-01	0.00E+00	3.39E-10	4.37E-10	5.08E-05	1.33E-06	3.32E-02	0.00E+00	2.49E-01	6.05E-10	2.49E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
MD316P	7.63E-05	3.78E-02	6.27E-03	2.70E-02	0.00E+00	0.00E+00	3.87E-01	3.70E-07	3.56E-05	2.27E-04	0.00E+00	6.62E-04	2.97E-09	8.63E-11	3.99E-03	7.42E-05	2.22E-03	1.11E-08	4.77E-05	1.06E-02	2.59E-01	0.00E+00	3.52E-10	4.54E-10	5.28E-05	1.39E-06	3.45E-02	0.00E+00	2.59E-01	6.28E-10	2.59E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MD320P	6.74E-05	3.15E-02	5.59E-03	2.41E-02	0.00E+00	0.00E+00	3.46E-01	3.30E-07	3.19E-05	2.00E-04	0.00E+00	5.89E-04	2.65E-09	7.73E-11	3.57E-03	6.51E-05	1.98E-03	6.37E-09	4.22E-05	9.69E-03	2.29E-01	0.00E+00	3.11E-10	4.02E-10	4.67E-05	1.21E-06	3.06E-02	0.00E+00	2.29E-01	5.60E-10	2.29E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MD325P	1.06E-04	5.69E-02	8.58E-03	3.69E-02	0.00E+00	0.00E+00	5.28E-01	5.06E-07	4.86E-05	3.15E-04	0.00E+00	9.11E-04	4.07E-09	1.17E-10	5.44E-03	1.04E-04	3.04E-03	2.36E-08	6.60E-05	1.40E-02	3.57E-01	0.00E+00	4.89E-10	6.29E-10	7.32E-05	1.96E-06	4.77E-02	0.00E+00	3.57E-01	8.59E-10	3.57E-01	4.05E-01	4.77E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
MD332P	5.85E-05	2.36E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.84E-05	1.73E-04	0.00E+00	5.18E-04	2.35E-09	6.91E-11	3.19E-03	5.55E-05	1.75E-03	1.25E-09	3.68E-05	9.01E-03	2.01E-01	0.00E+00	2.70E-10	3.50E-10	4.06E-05	1.01E-06	2.67E-02	0.00E+00	2.01E-01	4.96E-10	2.01E-01	2.27E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
MD340P	7.68E-05	3.65E-02	6.35E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.70E-04	3.01E-09	8.77E-11	4.06E-03	7.43E-05	2.25E-03	8.36E-09	4.81E-05	1.09E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.38E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MD350P	7.89E-05	3.59E-02	6.56E-03	2.83E-02	0.00E+00	0.00E+00	4.07E-01	3.87E-07	3.75E-05	2.34E-04	0.00E+00	6.91E-04	3.12E-09	9.09E-11	4.20E-03	7.59E-05	2.32E-03	5.77E-09	4.95E-05	1.15E-02	2.69E-01	0.00E+00	3.64E-10	4.71E-10	5.47E-05	1.40E-06	3.59E-02	0.00E+00	2.69E-01	6.58E-10	2.69E-01	3.05E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
MD363P	7.23E-05	3.23E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.45E-05	2.14E-04	0.00E+00	6.34E-04	2.86E-09	8.37E-11	3.87E-03	6.94E-05	2.13E-03	4.23E-09	4.53E-05	1.06E-02	2.47E-01	0.00E+00	3.33E-10	4.32E-10	5.01E-05	1.28E-06	3.29E-02	0.00E+00	2.47E-01	6.05E-10	2.47E-01	2.79E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MD440P	9.79E-05	4.51E-02	8.13E-03	3.50E-02	0.00E+00	0.00E+00	5.04E-01	4.80E-07	4.64E-05	2.90E-04	0.00E+00	8.56E-04	3.86E-09	1.12E-10	5.20E-03	9.43E-05	2.88E-03	8.22E-09	6.13E-05	1.42E-02	3.33E-01	0.00E+00	4.51E-10	5.84E-10	6.78E-05	1.75E-06	4.45E-02	0.00E+00	3.33E-01	8.15E-10	3.33E-01	3.78E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
MDN101P	4.00E-05	2.19E-02	3.23E-03	1.39E-02	0.00E+00	0.00E+00	1.98E-01	1.90E-07	1.83E-05	1.19E-04	0.00E+00	3.43E-04	1.53E-09	4.40E-11	2.04E-03	3.94E-05	1.14E-03	9.69E-09	2.49E-05	5.22E-03	1.35E-01	0.00E+00	1.85E-10	2.37E-10	2.76E-05	7.45E-07	1.80E-02	0.00E+00	1.35E-01	3.23E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDN102P	2.31E-05	1.01E-02	1.94E-03	8.35E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.11E-05	6.86E-05	0.00E+00	2.03E-04	9.20E-10	2.69E-11	1.24E-03	2.22E-05	6.86E-04	9.72E-10	1.45E-05	3.43E-03	7.90E-02	0.00E+00	1.07E-10	1.38E-10	1.61E-05	4.08E-07	1.05E-02	0.00E+00	7.90E-02	1.94E-10	7.90E-02	8.96E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.20E-04
MDN103P	2.67E-05	1.27E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.94E-05	0.00E+00	2.33E-04	1.05E-09	3.05E-11	1.41E-03	2.59E-05	7.83E-04	2.90E-09	1.67E-05	3.81E-03	9.09E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.81E-07	1.21E-02	0.00E+00	9.09E-02	2.22E-10	9.09E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-04
MDN104P	2.63E-05	1.24E-02	2.17E-03	9.36E-03	0.00E+00	0.00E+00	1.35E-01	1.28E-07	1.24E-05	7.80E-05	0.00E+00	2.29E-04	1.03E-09	3.00E-11	1.39E-03	2.54E-05	7.69E-04	2.66E-09	1.64E-05	3.76E-03	8.93E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.71E-07	1.19E-02	0.00E+00	8.93E-02	2.18E-10	8.93E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
MDN106P	2.39E-05	1.10E-02	1.98E-03	8.54E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.09E-05	0.00E+00	2.09E-04	9.41E-10	2.74E-11	1.27E-03	2.30E-05	7.02E-04	2.00E-09	1.50E-05	3.45E-03	8.13E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.26E-07	1.08E-02	0.00E+00	8.13E-02	1.99E-10	8.13E-02	9.21E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.41E-04
MDN110P	2.72E-05	1.33E-02	2.24E-03	9.65E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.10E-05	0.00E+00	2.37E-04	1.06E-09	3.09E-11	1.43E-03	2.65E-05	7.94E-04	3.64E-09	1.70E-05	3.82E-03	9.24E-02	0.00E+00	1.26E-10	1.62E-10	1.89E-05	4.93E-07	1.23E-02	0.00E+00	9.24E-02	2.25E-10	9.24E-02	1.05E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.33E-04
MDN116P	2.93E-05	1.47E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.42E-07	1.36E-05	8.71E-05	0.00E+00	2.54E-04	1.14E-09	3.30E-11	1.53E-03	2.86E-05	8.49E-04	4.64E-09	1.83E-05	4.04E-03	9.92E-02	0.00E+00	1.35E-10	1.74E-10	2.03E-05	5.34E-07	1.33E-02	0.00E+00	9.92E-02	2.41E-10	9.92E-02	1.12E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-04
MDN120P	3.43E-05	1.81E-02	2.78E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.64E-07	1.58E-05	1.02E-04	0.00E+00	2.95E-04	1.32E-09	3.81E-11	1.77E-03	3.36E-05	9.84E-04	7.06E-09	2.14E-05	4.58E-03	1.16E-01	0.00E+00	1.58E-10	2.04E-10	2.37E-05	6.32E-07	1.55E-02	0.00E+00	1.16E-01	2.79E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-04
MDN125P	2.04E-05	8.37E-03	1.72E-03	7.41E-03	0.00E+00	0.00E+00	1.07E-01	1.01E-07	9.84E-06	6.03E-05	0.00E+00	1.80E-04	8.16E-10	2.40E-11	1.11E-03	1.93E-05	6.08E-04	1.40E-10	1.28E-05	3.11E-03	6.97E-02	0.00E+00	9.38E-11	1.22E-10	1.41E-05	3.54E-07	9.29E-03	0.00E+00	6.97E-02	1.72E-10	6.97E-02	7.90E-02	9.29E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
MDN132P	3.57E-05	1.88E-02	2.90E-03	1.25E-02	0.00E+00	0.00E+00	1.79E-01	1.71E-07	1.64E-05	1.06E-04	0.00E+00	3.07E-04	1.37E-09	3.97E-11	1.84E-03	3.50E-05	1.02E-03	7.33E-09	2.22E-05	4.77E-03	1.20E-01	0.00E+00	1.65E-10	2.12E-10	2.47E-05	6.58E-07	1.61E-02	0.00E+00	1.20E-01	2.90E-10	1.20E-01	1.36E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.63E-04
MDN140P	2.23E-05	9.63E-03	1.87E-03	8.07E-03	0.00E+00	0.00E+00	1.16E-01	1.11E-07	1.07E-05	6.62E-05	0.00E+00	1.97E-04	8.90E-10	2.60E-11	1.20E-03	2.14E-05	6.63E-04	6.60E-10	1.40E-05	3.34E-03	7.63E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	3.93E-07	1.02E-02	0.00E+00	7.63E-02	1.88E-10	7.63E-02	8.65E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04
MDN150P	2.54E-05	1.18E-02	2.11E-03	9.09E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.55E-05	0.00E+00	2.22E-04	1.00E-09	2.92E-11	1.35E-03	2.45E-05	7.47E-04	2.25E-09	1.59E-05	3.67E-03	8.65E-02	0.00E+00	1.17E-10	1.52E-10	1.76E-05	4.54E-07	1.15E-02	0.00E+00	8.65E-02	2.12E-10	8.65E-02	9.81E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
MDN163P	2.60E-05	1.21E-02	2.16E-03	9.31E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.23E-05	7.73E-05	0.00E+00	2.28E-04	1.03E-09	2.99E-11	1.38E-03	2.51E-05	7.65E-04	2.30E-09	1.63E-05	3.76E-03	8.86E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.65E-07	1.18E-02	0.00E+00	8.86E-02	2.17E-10	8.86E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.99E-04
MDN200P	6.12E-05	3.10E-02	5.01E-03	2.15E-02	0.00E+00	0.00E+00	3.09E-01	2.95E-07	2.84E-05	1.82E-04	0.00E+00	5.30E-04	2.37E-09	6.88E-11	3.19E-03	5.97E-05	1.77E-03	1.01E-08	3.82E-05	8.41E-03	2.07E-01	0.00E+00	2.82E-10	3.64E-10	4.23E-05	1.12E-06	2.77E-02	0.00E+00	2.07E-01	5.02E-10	2.07E-01	2.35E-01	2.77E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
MDN201P	6.84E-05	3.59E-02	5.56E-03	2.39E-02	0.00E+00	0.00E+00	3.43E-01	3.28E-07	3.15E-05	2.03E-04	0.00E+00	5.89E-04	2.64E-09	7.61E-11	3.53E-03	6.70E-05	1.97E-03	1.36E-08	4.26E-05	9.19E-03	2.31E-01	0.00E+00	3.16E-10	4.06E-10	4.73E-05	1.26E-06	3.08E-02	0.00E+00	2.31E-01	5.57E-10	2.31E-01	2.62E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MDN202P	4.91E-05	2.24E-02	4.08E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.41E-07	2.33E-05	1.46E-04	0.00E+00	4.30E-04	1.94E-09	5.66E-11	2.62E-03	4.73E-05	1.45E-03	3.65E-09	3.08E-05	7.14E-03	1.67E-01	0.00E+00	2.26E-10	2.93E-10	3.40E-05	8.74E-07	2.23E-02	0.00E+00	1.67E-01	4.10E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MDN203P	7.31E-05	3.92E-02	5.92E-03	2.55E-02	0.00E+00	0.00E+00	3.65E-01	3.49E-07	3.35E-05	2.18E-04	0.00E+00	6.28E-04	2.81E-09	8.09E-11	3.75E-03	7.19E-05	2.09E-03	1.62E-08	4.55E-05	9.68E-03	2.46E-01	0.00E+00	3.38E-10	4.34E-10	5.05E-05	1.35E-06	3.29E-02	0.00E+00	2.46E-01	5.93E-10	2.46E-01	2.79E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
MDN204P	4.94E-05	2.27E-02	4.10E-03	1.77E-02	0.00E+00	0.00E+00	2.54E-01	2.42E-07	2.34E-05	1.47E-04	0.00E+00	4.32E-04	1.95E-09	5.68E-11	2.63E-03	4.76E-05	1.45E-03	3.95E-09	3.09E-05	7.16E-03	1.68E-01	0.00E+00	2.28E-10	2.95E-10	3.42E-05	8.80E-07	2.24E-02	0.00E+00	1.68E-01	4.11E-10	1.68E-01	1.91E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MDN206P	4.86E-05	2.27E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.37E-07	2.29E-05	1.44E-04	0.00E+00	4.24E-04	1.91E-09	5.56E-11	2.57E-03	4.69E-05	1.42E-03	4.64E-09	3.04E-05	6.97E-03	1.65E-01	0.00E+00	2.24E-10	2.90E-10	3.36E-05	8.69E-07	2.20E-02	0.00E+00	1.65E-01	4.03E-10	1.65E-01	1.87E-01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MDN210P	4.90E-05	2.30E-02	4.06E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.31E-05	1.46E-04	0.00E+00	4.28E-04	1.93E-09	5.61E-11	2.60E-03	4.74E-05	1.44E-03	4.87E-09	3.07E-05	7.02E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.79E-07	2.22E-02	0.00E+00	1.67E-01	4.07E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MDN216P	4.74E-05	2.18E-02	3.94E-03	1.70E-02	0.00E+00	0.00E+00	2.44E-01	2.32E-07	2.25E-05	1.41E-04	0.00E+00	4.15E-04	1.87E-09	5.45E-11	2.52E-03	4.56E-05	1.39E-03	3.82E-09	2.97E-05	6.87E-03	1.61E-01	0.00E+00	2.19E-10	2.83E-10	3.28E-05	8.45E-07	2.15E-02	0.00E+00	1.61E-01	3.95E-10	1.61E-01	1.83E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
MDN220P	4.48E-05	1.97E-02	3.74E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.93E-04	1.78E-09	5.19E-11	2.40E-03	4.29E-05	1.32E-03	2.12E-09	2.81E-05	6.62E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.75E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MDN225P	5.03E-05	2.35E-02	4.17E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.46E-07	2.38E-05	1.49E-04	0.00E+00	4.39E-04	1.98E-09	5.76E-11	2.66E-03	4.85E-05	1.47E-03	4.81E-09	3.15E-05	7.22E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	9.00E-07	2.28E-02	0.00E+00	1.71E-01	4.18E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MDN232P	5.27E-05	2.49E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.48E-05	1.57E-04	0.00E+00	4.60E-04	2.07E-09	6.02E-11	2.79E-03	5.10E-05	1.54E-03	5.58E-09	3.30E-05	7.52E-03	1.79E-01	0.00E+00	2.43E-10	3.14E-10	3.65E-05	9.46E-07	2.39E-02	0.00E+00	1.79E-01	4.37E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MDN240P	5.16E-05	2.41E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.52E-07	2.44E-05	1.53E-04	0.00E+00	4.50E-04	2.03E-09	5.91E-11	2.73E-03	4.98E-05	1.51E-03	4.94E-09	3.23E-05	7.40E-03	1.75E-01	0.00E+00	2.38E-10	3.07E-10	3.57E-05	9.23E-07	2.34E-02	0.00E+00	1.75E-01	4.28E-10	1.75E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MDN250P	4.95E-05	2.28E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.47E-04	0.00E+00	4.33E-04	1.95E-09	5.70E-11	2.63E-03	4.78E-05	1.46E-03	4.12E-09	3.10E-05	7.17E-03	1.69E-01	0.00E+00	2.29E-10	2.96E-10	3.43E-05	8.84E-07	2.25E-02	0.00E+00	1.69E-01	4.13E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MDN263P	4.99E-05	2.30E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.74E-11	2.65E-03	4.81E-05	1.47E-03	4.22E-09	3.13E-05	7.22E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.91E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MDN263R	2.69E-05	6.99E-03	2.37E-03	1.03E-02	0.00E+00	0.00E+00	1.50E-01	1.40E-07	1.38E-05	7.91E-05	0.00E+00	2.45E-04	1.13E-09	3.39E-11	1.55E-03	2.45E-05	8.42E-04	7.54E-09	1.71E-05	4.75E-03	9.37E-02	0.00E+00	1.23E-10	1.62E-10	1.87E-05	4.31E-07	1.25E-02	0.00E+00	9.37E-02	2.39E-10	9.37E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.10E-04
MDN300P	8.27E-05	4.02E-02	6.81E-03	2.93E-02	0.00E+00	0.00E+00	4.21E-01	4.02E-07	3.88E-05	2.46E-04	0.00E+00	7.19E-04	3.23E-09	9.39E-11	4.35E-03	8.03E-05	2.41E-03	1.07E-08	5.17E-05	1.16E-02	2.81E-01	0.00E+00	3.82E-10	4.93E-10	5.73E-05	1.49E-06	3.75E-02	0.00E+00	2.81E-01	6.83E-10	2.81E-01	3.18E-01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
MDN301P	7.74E-05	3.62E-02	6.41E-03	2.76E-02	0.00E+00	0.00E+00	3.97E-01	3.78E-07	3.65E-05	2.30E-04	0.00E+00	6.75E-04	3.04E-09	8.86E-11	4.10E-03	7.47E-05	2.27E-03	7.54E-09	4.84E-05	1.11E-02	2.63E-01	0.00E+00	3.57E-10	4.61E-10	5.36E-05	1.39E-06	3.51E-02	0.00E+00	2.63E-01	6.42E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MDN302P	7.50E-05	3.46E-02	6.23E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.68E-07	3.55E-05	2.23E-04	0.00E+00	6.56E-04	2.96E-09	8.62E-11	3.98E-03	7.23E-05	2.20E-03	6.30E-09	4.70E-05	1.08E-02	2.55E-01	0.00E+00	3.46E-10	4.47E-10	5.20E-05	1.34E-06	3.41E-02	0.00E+00	2.55E-01	6.24E-10	2.55E-01	2.89E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MDN303P	7.70E-05	3.62E-02	6.38E-03	2.75E-02	0.00E+00	0.00E+00	3.95E-01	3.77E-07	3.64E-05	2.29E-04	0.00E+00	6.72E-04	3.03E-09	8.82E-11	4.08E-03	7.44E-05	2.26E-03	7.63E-09	4.82E-05	1.10E-02	2.62E-01	0.00E+00	3.55E-10	4.59E-10	5.34E-05	1.38E-06	3.50E-02	0.00E+00	2.62E-01	6.40E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
MDN304P	7.43E-05	3.43E-02	6.17E-03	2.66E-02	0.00E+00	0.00E+00	3.83E-01	3.64E-07	3.52E-05	2.21E-04	0.00E+00	6.50E-04	2.93E-09	8.55E-11	3.95E-03	7.17E-05	2.19E-03	6.24E-09	4.66E-05	1.08E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.33E-06	3.38E-02	0.00E+00	2.53E-01	6.19E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MDN306P	7.70E-05	3.60E-02	6.38E-03	2.75E-02	0.00E+00	0.00E+00	3.95E-01	3.77E-07	3.64E-05	2.29E-04	0.00E+00	6.72E-04	3.03E-09	8.82E-11	4.08E-03	7.44E-05	2.26E-03	7.45E-09	4.82E-05	1.11E-02	2.62E-01	0.00E+00	3.55E-10	4.59E-10	5.34E-05	1.38E-06	3.50E-02	0.00E+00	2.62E-01	6.40E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
MDN310P	6.66E-05	2.96E-02	5.56E-03	2.40E-02	0.00E+00	0.00E+00	3.45E-01	3.28E-07	3.18E-05	1.98E-04	0.00E+00	5.85E-04	2.64E-09	7.72E-11	3.57E-03	6.39E-05	1.97E-03	3.54E-09	4.18E-05	9.81E-03	2.27E-01	0.00E+00	3.07E-10	3.98E-10	4.62E-05	1.18E-06	3.03E-02	0.00E+00	2.27E-01	5.58E-10	2.27E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MDN316P	6.84E-05	3.10E-02	5.69E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.03E-04	0.00E+00	5.99E-04	2.70E-09	7.89E-11	3.65E-03	6.58E-05	2.02E-03	4.84E-09	4.29E-05	9.97E-03	2.33E-01	0.00E+00	3.15E-10	4.08E-10	4.74E-05	1.22E-06	3.11E-02	0.00E+00	2.33E-01	5.71E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MDN320P	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MDN325P	8.13E-05	3.94E-02	6.70E-03	2.88E-02	0.00E+00	0.00E+00	4.15E-01	3.95E-07	3.81E-05	2.41E-04	0.00E+00	7.07E-04	3.18E-09	9.24E-11	4.27E-03	7.89E-05	2.37E-03	1.03E-08	5.08E-05	1.14E-02	2.76E-01	0.00E+00	3.75E-10	4.84E-10	5.63E-05	1.47E-06	3.68E-02	0.00E+00	2.76E-01	6.71E-10	2.76E-01	3.13E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03

MDN332P	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MDN340P	7.63E-05	3.55E-02	6.33E-03	2.73E-02	0.00E+00	0.00E+00	3.92E-01	3.74E-07	3.61E-05	2.27E-04	0.00E+00	6.67E-04	3.00E-09	8.75E-11	4.05E-03	7.37E-05	2.24E-03	7.04E-09	4.78E-05	1.10E-02	2.60E-01	0.00E+00	3.52E-10	4.55E-10	5.29E-05	1.37E-06	3.47E-02	0.00E+00	2.60E-01	6.35E-10	2.60E-01	2.94E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MDN350P	7.12E-05	3.23E-02	5.93E-03	2.56E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.39E-05	2.11E-04	0.00E+00	6.24E-04	2.82E-09	8.22E-11	3.80E-03	6.85E-05	2.10E-03	4.96E-09	4.46E-05	1.04E-02	2.43E-01	0.00E+00	3.28E-10	4.25E-10	4.94E-05	1.27E-06	3.24E-02	0.00E+00	2.43E-01	5.95E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MDN363P	7.95E-05	3.79E-02	6.57E-03	2.83E-02	0.00E+00	0.00E+00	4.07E-01	3.87E-07	3.74E-05	2.36E-04	0.00E+00	6.93E-04	3.12E-09	9.06E-11	4.19E-03	7.70E-05	2.32E-03	9.00E-09	4.97E-05	1.13E-02	2.70E-01	0.00E+00	3.67E-10	4.74E-10	5.51E-05	1.43E-06	3.61E-02	0.00E+00	2.70E-01	6.58E-10	2.70E-01	3.06E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
MDN400P	1.25E-04	6.35E-02	1.02E-02	4.38E-02	0.00E+00	0.00E+00	6.29E-01	6.01E-07	5.79E-05	3.71E-04	0.00E+00	1.08E-03	4.83E-09	1.40E-10	6.48E-03	1.22E-04	3.60E-03	2.15E-08	7.78E-05	1.71E-02	4.22E-01	0.00E+00	5.75E-10	7.42E-10	8.62E-05	2.28E-06	5.63E-02	0.00E+00	4.22E-01	1.02E-09	4.22E-01	4.78E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	3.36E-03
MDN401P	1.41E-04	7.44E-02	1.14E-02	4.91E-02	0.00E+00	0.00E+00	7.04E-01	6.74E-07	6.47E-05	4.18E-04	0.00E+00	1.21E-03	5.41E-09	1.56E-10	7.25E-03	1.38E-04	4.04E-03	2.93E-08	8.76E-05	1.88E-02	4.75E-01	0.00E+00	6.49E-10	8.36E-10	9.72E-05	2.60E-06	6.34E-02	0.00E+00	4.75E-01	1.14E-09	4.75E-01	5.38E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
MDN402P	1.53E-04	8.32E-02	1.24E-02	5.33E-02	0.00E+00	0.00E+00	7.63E-01	7.31E-07	7.02E-05	4.56E-04	0.00E+00	1.32E-03	5.87E-09	1.69E-10	7.85E-03	1.51E-04	4.38E-03	3.57E-08	9.55E-05	2.01E-02	5.17E-01	0.00E+00	7.08E-10	9.11E-10	1.06E-04	2.85E-06	6.91E-02	0.00E+00	5.17E-01	1.24E-09	5.17E-01	5.86E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
MDN403P	1.49E-04	8.04E-02	1.21E-02	5.18E-02	0.00E+00	0.00E+00	7.42E-01	7.11E-07	6.83E-05	4.43E-04	0.00E+00	1.28E-03	5.71E-09	1.65E-10	7.64E-03	1.47E-04	4.26E-03	3.38E-08	9.28E-05	1.97E-02	5.02E-01	0.00E+00	6.88E-10	8.85E-10	1.03E-04	2.76E-06	6.71E-02	0.00E+00	5.02E-01	1.21E-09	5.02E-01	5.69E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
MDN404P	4.63E-05	1.02E-02	4.14E-03	1.80E-02	0.00E+00	0.00E+00	2.62E-01	2.45E-07	2.41E-05	1.36E-04	0.00E+00	4.26E-04	1.98E-09	5.94E-11	2.72E-03	4.17E-05	1.47E-03	1.64E-08	2.95E-05	8.49E-03	1.62E-01	0.00E+00	2.13E-10	2.79E-10	3.23E-05	7.26E-07	2.16E-02	0.00E+00	1.62E-01	4.16E-10	1.62E-01	1.84E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MDN406P	1.37E-04	7.35E-02	1.11E-02	4.78E-02	0.00E+00	0.00E+00	6.85E-01	6.56E-07	6.30E-05	4.08E-04	0.00E+00	1.18E-03	5.27E-09	1.52E-10	7.05E-03	1.35E-04	3.93E-03	3.00E-08	8.55E-05	1.82E-02	4.63E-01	0.00E+00	6.34E-10	8.15E-10	9.48E-05	2.54E-06	6.19E-02	0.00E+00	4.63E-01	1.11E-09	4.63E-01	5.25E-01	6.19E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
MDN410P	2.10E-04	1.24E-01	1.67E-02	7.18E-02	0.00E+00	0.00E+00	1.03E+00	9.87E-07	9.43E-05	6.27E-04	0.00E+00	1.79E-03	7.91E-09	2.26E-10	1.05E-02	2.10E-04	5.91E-03	6.76E-08	1.30E-04	2.60E-02	7.04E-01	0.00E+00	9.72E-10	1.25E-09	1.45E-04	4.00E-06	9.42E-02	0.00E+00	7.04E-01	1.67E-09	7.04E-01	7.98E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
MDN416P	2.05E-04	1.20E-01	1.63E-02	7.00E-02	0.00E+00	0.00E+00	1.00E+00	9.62E-07	9.19E-05	6.10E-04	0.00E+00	1.74E-03	7.71E-09	2.21E-10	1.03E-02	2.04E-04	5.77E-03	6.41E-08	1.27E-04	2.54E-02	6.86E-01	0.00E+00	9.46E-10	1.21E-09	1.41E-04	3.88E-06	9.18E-02	0.00E+00	6.86E-01	1.63E-09	6.86E-01	7.78E-01	9.18E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
MDN420P	1.76E-04	9.97E-02	1.41E-02	6.05E-02	0.00E+00	0.00E+00	8.66E-01	8.31E-07	7.96E-05	5.24E-04	0.00E+00	1.50E-03	6.67E-09	1.92E-10	8.90E-03	1.74E-04	4.98E-03	4.87E-08	1.09E-04	2.24E-02	5.90E-01	0.00E+00	8.12E-10	1.04E-09	1.21E-04	3.30E-06	7.90E-02	0.00E+00	5.90E-01	1.41E-09	5.90E-01	6.69E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03
MDN425P	8.94E-05	3.92E-02	7.48E-03	3.23E-02	0.00E+00	0.00E+00	4.65E-01	4.42E-07	4.28E-05	2.65E-04	0.00E+00	7.86E-04	3.55E-09	1.04E-10	4.80E-03	8.56E-05	2.65E-03	3.77E-09	5.61E-05	1.33E-02	3.05E-01	0.00E+00	4.12E-10	5.34E-10	6.20E-05	1.58E-06	4.07E-02	0.00E+00	3.05E-01	7.50E-10	3.05E-01	3.46E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
MDN432P	9.48E-05	4.24E-02	7.91E-03	3.41E-02	0.00E+00	0.00E+00	4.91E-01	4.67E-07	4.52E-05	2.81E-04	0.00E+00	8.31E-04	3.75E-09	1.10E-10	5.07E-03	9.10E-05	2.80E-03	5.55E-09	5.94E-05	1.39E-02	3.23E-01	0.00E+00	4.37E-10	5.66E-10	6.57E-05	1.68E-06	4.31E-02	0.00E+00	3.23E-01	7.93E-10	3.23E-01	3.66E-01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
MDN440P	1.01E-04	4.68E-02	8.39E-03	3.61E-02	0.00E+00	0.00E+00	5.20E-01	4.95E-07	4.78E-05	3.00E-04	0.00E+00	8.84E-04	3.98E-09	1.16E-10	5.37E-03	9.75E-05	2.97E-03	8.87E-09	6.33E-05	1.46E-02	3.44E-01	0.00E+00	4.66E-10	6.03E-10	7.00E-05	1.81E-06	4.59E-02	0.00E+00	3.44E-01	8.41E-10	3.44E-01	3.90E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MDN450P	8.93E-05	3.89E-02	7.48E-03	3.23E-02	0.00E+00	0.00E+00	4.65E-01	4.42E-07	4.28E-05	2.65E-04	0.00E+00	7.86E-04	3.55E-09	1.04E-10	4.80E-03	8.55E-05	2.65E-03	3.31E-09	5.61E-05	1.33E-02	3.05E-01	0.00E+00	4.12E-10	5.34E-10	6.20E-05	1.57E-06	4.07E-02	0.00E+00	3.05E-01	7.50E-10	3.05E-01	3.46E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MDN463P	1.00E-04	4.65E-02	8.34E-03	3.59E-02	0.00E+00	0.00E+00	5.17E-01	4.92E-07	4.76E-05	2.98E-04	0.00E+00	8.78E-04	3.96E-09	1.15E-10	5.34E-03	9.69E-05	2.95E-03	8.75E-09	6.29E-05	1.45E-02	3.42E-01	0.00E+00	4.63E-10	5.99E-10	6.96E-05	1.79E-06	4.56E-02	0.00E+00	3.42E-01	8.36E-10	3.42E-01	3.88E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-03
MDN463R	4.55E-05	8.34E-03	4.11E-03	1.78E-02	0.00E+00	0.00E+00	2.60E-01	2.43E-07	2.40E-05	1.34E-04	0.00E+00	4.22E-04	1.96E-09	5.93E-11	2.71E-03	4.05E-05	1.46E-03	1.91E-08	2.91E-05	8.61E-03	1.60E-01	0.00E+00	2.09E-10	2.75E-10	3.18E-05	6.98E-07	2.12E-02	0.00E+00	1.60E-01	4.13E-10	1.60E-01	1.81E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
MDU106P	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MDU110P	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MDU116P	2.39E-05	1.15E-02	1.97E-03	8.47E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.09E-05	0.00E+00	2.08E-04	9.34E-10	2.71E-11	1.26E-03	2.31E-05	6.96E-04	2.91E-09	1.49E-05	3.37E-03	8.10E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.30E-07	1.08E-02	0.00E+00	8.10E-02	1.97E-10	8.10E-02	9.18E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
MDU120P	1.33E-05	4.02E-03	1.16E-03	5.03E-03	0.00E+00	0.00E+00	7.30E-02	6.86E-08	6.72E-06	3.93E-05	0.00E+00	1.21E-04	5.54E-10	1.65E-11	7.57E-04	1.23E-05	4.12E-04	2.74E-09	8.44E-06	2.27E-03	4.62E-02	0.00E+00	6.12E-11	8.01E-11	9.28E-06	2.19E-07	6.15E-03	0.00E+00	4.62E-02	1.17E-10	4.62E-02	5.24E-02	6.15E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MDU125P	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MDU132P	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MDU140P	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MDU150P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MDU163P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MDU206P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU210P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU216P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU220P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU225P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU232P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU240P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU250P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU263P	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MDU306P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU310P	4.10E-05	1.37E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.22E-01	2.09E-07	2.04E-05	1.21E-04	0.00E+00	3.69E-04	1.69E-09	5.00E-11	2.30E-03	3.81E-05	1.26E-03	6.01E-09	2.59E-05	6.77E-03	1.42E-01	0.00E+00	1.89E-10	2.46E-10	2.85E-05	6.85E-07	1.89E-02	0.00E+00	1.42E-01	3.56E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MDU316P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU320P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU325P	6.70E-05	3.06E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.99E-04	0.00E+00	5.86E-04	2.65E-09	7.72E-11	3.57E-03	6.45E-05	1.97E-03	5.17E-09	4.20E-05	9.73E-03	2.28E-01	0.00E+00	3.09E-10	4.00E-10	4.64E-05	1.19E-06	3.05E-02	0.00E+00	2.28E-01	5.59E-10	2.28E-01	2.59E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
MDU332P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU340P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU350P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU363P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MDU406P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU410P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU416P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU420P	7.92E-05	3.42E-02	6.63E-03	2.86E-02	0.00E+00	0.00E+00	4.12E-01	3.92E-07	3.80E-05	2.35E-04	0.00E+00	6.97E-04	3.15E-09	9.22E-11	4.26E-03	7.57E-05	2.35E-03	2.54E-09	4.97E-05	1.18E-02	2.70E-01	0.00E+00	3.65E-10	4.73E-10	5.49E-05	1.39E-06	3.61E-02	0.00E+00	2.70E-01	6.65E-10	2.70E-01	3.07E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
MDU425P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU432P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU440P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU450P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDU463P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MDX106P	2.70E-05	1.35E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.02E-05	0.00E+00	2.34E-04	1.05E-09	3.04E-11	1.41E-03	2.63E-05	7.83E-04	4.19E-09	1.69E-05	3.73E-03	9.14E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.91E-07	1.22E-02	0.00E+00	9.14E-02	2.22E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
MDX110P	2.44E-05	1.19E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.24E-01	1.19E-07	1.14E-05	7.25E-05	0.00E+00	2.12E-04	9.53E-10	2.77E-11	1.28E-03	2.37E-05	7.11E-04	3.26E-09	1.53E-05	3.42E-03	8.28E-02	0.00E+00	1.13E-10	1.45E-10	1.69E-05	4.41E-07	1.11E-02	0.00E+00	8.28E-02	2.01E-10	8.28E-02	9.38E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-04
MDX116P	1.98E-05	8.71E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.79E-08	9.49E-06	5.88E-05	0.00E+00	1.74E-04	7.88E-10	2.30E-11	1.06E-03	1.90E-05	5.87E-04	8.70E-10	1.25E-05	2.94E-03	6.77E-02	0.00E+00	9.15E-11	1.18E-10	1.38E-05	3.50E-07	9.03E-03	0.00E+00	6.77E-02	1.66E-10	6.77E-02	7.68E-02	9.03E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
MDX120P	2.64E-05	1.32E-02	2.16E-03	9.31E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.23E-05	7.84E-05	0.00E+00	2.29E-04	1.03E-09	2.98E-11	1.38E-03	2.57E-05	7.66E-04	4.06E-09	1.65E-05	3.65E-03	8.94E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.80E-07	1.19E-02	0.00E+00	8.94E-02	2.17E-10	8.94E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-04
MDX125P	3.07E-05	1.59E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.42E-05	9.14E-05	0.00E+00	2.65E-04	1.19E-09	3.43E-11	1.59E-03	3.01E-05	8.86E-04	5.77E-09	1.92E-05	4.16E-03	1.04E-01	0.00E+00	1.42E-10	1.83E-10	2.13E-05	5.64E-07	1.39E-02	0.00E+00	1.04E-01	2.51E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.29E-04
MDX132P	2.42E-05	1.12E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.24E-01	1.19E-07	1.15E-05	7.18E-05	0.00E+00	2.11E-04	9.53E-10	2.78E-11	1.28E-03	2.33E-05	7.11E-04	2.07E-09	1.52E-05	3.49E-03	8.23E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.32E-07	1.10E-02	0.00E+00	8.23E-02	2.01E-10	8.23E-02	9.33E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.50E-04
MDX140P	2.55E-05	1.21E-02	2.10E-03	9.06E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.56E-05	0.00E+00	2.22E-04	9.99E-10	2.91E-11	1.34E-03	2.46E-05	7.45E-04	2.77E-09	1.59E-05	3.63E-03	8.65E-02	0.00E+00	1.17E-10	1.52E-10	1.76E-05	4.57E-07	1.15E-02	0.00E+00	8.65E-02	2.11E-10	8.65E-02	9.81E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.84E-04
MFN701	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN702	2.30E-05	1.02E-02	1.92E-03	8.27E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.11E-10	2.66E-11	1.23E-03	2.20E-05	6.80E-04	7.79E-07	1.43E-05	3.39E-03	7.84E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.05E-02	0.00E+00	7.84E-02	1.92E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MFN706	1.05E-05	2.21E-03	9.41E-04	4.08E-03	0.00E+00	0.00E+00	5.95E-02	5.56E-08	5.48E-06	3.08E-05	0.00E+00	9.68E-05	4.49E-10	1.35E-11	6.19E-04	9.41E-06	3.34E-04	3.89E-09	6.69E-06	1.94E-03	3.68E-02	0.00E+00	4.81E-11	6.33E-11	7.33E-06	1.63E-07	4.89E-03	0.00E+00	3.68E-02	9.46E-11	3.68E-02	4.17E-02	4.89E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MFN706A	1.16E-05	2.94E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.42E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.74E-04	1.06E-05	3.65E-04	3.41E-09	7.40E-06	2.07E-03	4.06E-02	0.00E+00	5.34E-11	7.01E-11	8.11E-06	1.86E-07	5.39E-03	0.00E+00	4.06E-02	1.03E-10	4.06E-02	4.60E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MFN710	2.32E-05	1.93E-02	1.06E-02	8.72E-03	5.09E-11	0.00E+00	1.12E-01	1.06E-07	1.08E-05	6.93E-05	0.00E+00	1.96E-04	8.51E-10	2.39E-11	1.02E-03	2.09E-05	1.58E-07	5.82E-03	5.13E-05	2.84E-03	7.58E-02	0.00E+00	1.05E-10	1.35E-10	1.62E-05	4.96E-07	1.04E-02	0.00E+00	7.58E-02	3.74E-10	7.58E-02	8.61E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.54E-04
MFN710A	1.17E-05	3.04E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.43E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.74E-04	1.06E-05	3.65E-04	3.25E-09	7.41E-06	2.06E-03	4.06E-02	0.00E+00	5.36E-11	7.02E-11	8.13E-06	1.87E-07	5.40E-03	0.00E+00	4.06E-02	1.03E-10	4.06E-02	4.61E-02	5.40E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MFN716	2.44E-05	1.93E-02	1.16E-02	7.71E-03	5.73E-11	0.00E+00	1.09E-01	1.07E-07	9.98E-06	7.33E-05	0.00E+00	4.32E-04	8.51E-10	2.35E-11	1.11E-03	2.56E-05	6.38E-04	5.82E-03	5.16E-05	2.23E-03	7.96E-02	0.00E+00	1.13E-10	1.43E-10	1.67E-05	5.08E-07	1.07E-02	0.00E+00	7.96E-02	4.06E-10	7.96E-02	9.03E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MFN716A	9.53E-06	1.57E-03	8.67E-04	3.76E-03	0.00E+00	0.00E+00	5.50E-02	5.12E-08	5.07E-06	2.80E-05	0.00E+00	8.88E-05	4.14E-10	1.25E-11	5.73E-04	8.44E-06	3.08E-04	4.33E-09	6.10E-06	1.83E-03	3.36E-02	0.00E+00	4.37E-11	5.77E-11	6.67E-06	1.45E-07	4.46E-03	0.00E+00	3.36E-02	8.72E-11	3.36E-02	3.81E-02	4.46E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MFN720	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN720A	3.73E-01	2.55E+02	2.88E+01	1.23E+02	0.00E+00	0.00E+00	1.75E+03	1.70E-03	1.61E-01	1.12E+00	0.00E+00	3.10E+00	1.36E-05	3.83E-07	1.79E+01	3.82E-01	1.02E+01	1.82E-04	2.30E-01	4.06E+01	1.24E+03	0.00E+00	1.73E-06	2.20E-06	2.57E-01	7.41E-03	1.66E+02	0.00E+00	1.24E+03	2.88E-06	1.24E+03	1.40E+03	1.66E+02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
MFN725	1.11E-05	2.51E-03	9.89E-04	4.29E-03	0.00E+00	0.00E+00	6.24E-02	5.84E-08	5.75E-06	3.26E-05	0.00E+00	1.02E-04	4.72E-10	1.42E-11	6.49E-04	9.99E-06	3.51E-04	3.79E-09	7.06E-06	2.02E-03	3.88E-02	0.00E+00	5.09E-11	6.68E-11	7.74E-06	1.74E-07	5.15E-03	0.00E+00	3.88E-02	9.94E-11	3.88E-02	4.39E-02	5.15E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MFN732	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN910	3.69E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN916	3.69E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN920	3.69E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN925	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.84E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.32E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.49E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.12E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04
MFS701	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS702	2.30E-05	1.02E-02	1.92E-03	8.27E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.11E-10	2.66E-11	1.23E-03	2.20E-05	6.80E-04	7.79E-07	1.43E-05	3.39E-03	7.84E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.05E-02	0.00E+00	7.84E-02	1.92E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MFS706	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS710	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS716	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS720	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS725	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04

MFS732	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN506	1.01E-05	2.08E-03	9.05E-04	3.93E-03	0.00E+00	0.00E+00	5.72E-02	5.35E-08	5.28E-06	2.96E-05	0.00E+00	9.31E-05	4.32E-10	1.30E-11	5.95E-04	9.03E-06	3.21E-04	3.81E-09	6.43E-06	1.87E-03	3.54E-02	0.00E+00	4.63E-11	6.09E-11	7.04E-06	1.57E-07	4.70E-03	0.00E+00	3.54E-02	9.10E-11	3.54E-02	4.01E-02	4.70E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MHN506A	3.13E-05	1.67E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.56E-01	1.50E-07	1.44E-05	9.31E-05	0.00E+00	2.69E-04	1.20E-09	3.47E-11	1.61E-03	3.08E-05	8.97E-04	6.79E-09	1.95E-05	4.15E-03	1.06E-01	0.00E+00	1.44E-10	1.86E-10	2.16E-05	5.79E-07	1.41E-02	0.00E+00	1.06E-01	2.54E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
MHN510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN510A	1.22E-05	3.49E-03	1.07E-03	4.64E-03	0.00E+00	0.00E+00	6.73E-02	6.32E-08	6.20E-06	3.60E-05	0.00E+00	1.11E-04	5.10E-10	1.52E-11	6.99E-04	1.12E-05	3.80E-04	2.86E-09	7.75E-06	2.11E-03	4.25E-02	0.00E+00	5.61E-11	7.35E-11	8.51E-06	1.99E-07	5.65E-03	0.00E+00	4.25E-02	1.08E-10	4.25E-02	4.81E-02	5.65E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MHN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN516A	2.59E-05	1.31E-02	2.12E-03	9.11E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.69E-05	0.00E+00	2.24E-04	1.00E-09	2.91E-11	1.35E-03	2.52E-05	7.50E-04	4.23E-09	1.62E-05	3.56E-03	8.76E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.72E-07	1.17E-02	0.00E+00	8.76E-02	2.12E-10	8.76E-02	9.93E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.97E-04
MHN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN520A	2.98E-05	1.54E-02	2.43E-03	1.05E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.87E-05	0.00E+00	2.57E-04	1.15E-09	3.33E-11	1.55E-03	2.92E-05	8.60E-04	5.48E-09	1.86E-05	4.05E-03	1.01E-01	0.00E+00	1.38E-10	1.77E-10	2.06E-05	5.47E-07	1.35E-02	0.00E+00	1.01E-01	2.44E-10	1.01E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.04E-04
MHN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN525A	9.56E-06	1.22E-03	8.80E-04	3.82E-03	0.00E+00	0.00E+00	5.59E-02	5.20E-08	5.15E-06	2.80E-05	0.00E+00	8.98E-05	4.21E-10	1.28E-11	5.83E-04	8.37E-06	3.12E-04	4.99E-09	6.14E-06	1.90E-03	3.39E-02	0.00E+00	4.38E-11	5.80E-11	6.70E-06	1.42E-07	4.49E-03	0.00E+00	3.39E-02	8.85E-11	3.39E-02	3.84E-02	4.49E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MHN532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN532A	1.00E-05	1.54E-03	9.15E-04	3.97E-03	0.00E+00	0.00E+00	5.81E-02	5.41E-08	5.35E-06	2.94E-05	0.00E+00	9.37E-05	4.37E-10	1.32E-11	6.05E-04	8.85E-06	3.25E-04	4.76E-09	6.43E-06	1.95E-03	3.54E-02	0.00E+00	4.60E-11	6.07E-11	7.02E-06	1.51E-07	4.70E-03	0.00E+00	3.54E-02	9.20E-11	3.54E-02	4.01E-02	4.70E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MHN706	5.25E-05	3.12E-02	4.17E-03	1.79E-02	0.00E+00	0.00E+00	2.56E-01	2.46E-07	2.35E-05	1.57E-04	0.00E+00	4.45E-04	1.97E-09	5.64E-11	2.63E-03	5.25E-05	1.48E-03	1.71E-08	3.26E-05	6.46E-03	1.76E-01	0.00E+00	2.43E-10	3.11E-10	3.62E-05	1.00E-06	2.35E-02	0.00E+00	1.76E-01	4.18E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MHN710	9.91E-06	1.60E-03	9.03E-04	3.92E-03	0.00E+00	0.00E+00	5.72E-02	5.33E-08	5.28E-06	2.91E-05	0.00E+00	9.24E-05	4.31E-10	1.30E-11	5.96E-04	8.76E-06	3.20E-04	4.57E-09	6.35E-06	1.91E-03	3.50E-02	0.00E+00	4.55E-11	6.00E-11	6.94E-06	1.50E-07	4.64E-03	0.00E+00	3.50E-02	9.07E-11	3.50E-02	3.96E-02	4.64E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MHS506	1.89E-05	8.41E-03	1.58E-03	6.81E-03	0.00E+00	0.00E+00	9.81E-02	9.33E-08	9.03E-06	5.62E-05	0.00E+00	1.66E-04	7.51E-10	2.19E-11	1.01E-03	1.82E-05	5.60E-04	1.01E-09	1.19E-05	2.79E-03	6.46E-02	0.00E+00	8.73E-11	1.13E-10	1.31E-05	3.35E-07	8.62E-03	0.00E+00	6.46E-02	1.59E-10	6.46E-02	7.32E-02	8.62E-03	0.00E+00	0.00E+00	0.00E+00	5.08E-04
MHS510	2.31E-05	1.14E-02	1.90E-03	8.17E-03	0.00E+00	0.00E+00	1.17E-01	1.12E-07	1.08E-05	6.87E-05	0.00E+00	2.01E-04	9.01E-10	2.61E-11	1.21E-03	2.25E-05	6.72E-04	3.31E-09	1.44E-05	3.22E-03	7.84E-02	0.00E+00	1.07E-10	1.38E-10	1.60E-05	4.19E-07	1.05E-02	0.00E+00	7.84E-02	1.90E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
MHS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHT706	4.45E-05	2.56E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.19E-01	2.10E-07	2.01E-05	1.33E-04	0.00E+00	3.79E-04	1.69E-09	4.83E-11	2.25E-03	4.42E-05	1.26E-03	1.29E-08	2.76E-05	5.62E-03	1.49E-01	0.00E+00	2.06E-10	2.64E-10	3.07E-05	8.39E-07	2.00E-02	0.00E+00	1.49E-01	3.56E-10	1.49E-01	1.69E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MHT710	2.83E-05	1.45E-02	2.31E-03	9.96E-03	0.00E+00	0.00E+00	1.43E-01	1.37E-07	1.31E-05	8.43E-05	0.00E+00	2.45E-04	1.10E-09	3.18E-11	1.47E-03	2.77E-05	8.19E-04	5.02E-09	1.77E-05	3.86E-03	9.58E-02	0.00E+00	1.31E-10	1.69E-10	1.96E-05	5.19E-07	1.28E-02	0.00E+00	9.58E-02	2.32E-10	9.58E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
MHT716	3.42E-05	1.85E-02	2.76E-03	1.19E-02	0.00E+00	0.00E+00	1.70E-01	1.63E-07	1.57E-05	1.02E-04	0.00E+00	2.94E-04	1.31E-09	3.78E-11	1.75E-03	3.37E-05	9.78E-04	7.87E-09	2.13E-05	4.50E-03	1.15E-01	0.00E+00	1.58E-10	2.03E-10	2.36E-05	6.35E-07	1.54E-02	0.00E+00	1.15E-01	2.77E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.24E-04
MHT720	4.82E-05	2.81E-02	3.84E-03	1.65E-02	0.00E+00	0.00E+00	2.36E-01	2.27E-07	2.17E-05	1.44E-04	0.00E+00	4.10E-04	1.82E-09	5.21E-11	2.42E-03	4.80E-05	1.36E-03	1.47E-08	2.99E-05	6.02E-03	1.61E-01	0.00E+00	2.23E-10	2.86E-10	3.32E-05	9.12E-07	2.16E-02	0.00E+00	1.61E-01	3.85E-10	1.61E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MHT725	5.41E-05	3.22E-02	4.30E-03	1.85E-02	0.00E+00	0.00E+00	2.64E-01	2.54E-07	2.42E-05	1.62E-04	0.00E+00	4.60E-04	2.04E-09	5.82E-11	2.71E-03	5.41E-05	1.52E-03	1.76E-08	3.36E-05	6.67E-03	1.81E-01	0.00E+00	2.50E-10	3.21E-10	3.74E-05	1.03E-06	2.43E-02	0.00E+00	1.81E-01	4.31E-10	1.81E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MHT732	5.52E-05	3.29E-02	4.38E-03	1.88E-02	0.00E+00	0.00E+00	2.69E-01	2.58E-07	2.47E-05	1.65E-04	0.00E+00	4.68E-04	2.07E-09	5.93E-11	2.76E-03	5.51E-05	1.55E-03	1.81E-08	3.42E-05	6.78E-03	1.85E-01	0.00E+00	2.55E-10	3.27E-10	3.81E-05	1.05E-06	2.47E-02	0.00E+00	1.85E-01	4.39E-10	1.85E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MHT740	6.59E-05	4.02E-02	5.21E-03	2.23E-02	0.00E+00	0.00E+00	3.19E-01	3.07E-07	2.93E-05	1.97E-04	0.00E+00	5.57E-04	2.46E-09	7.03E-11	3.27E-03	6.61E-05	1.84E-03	2.34E-08	4.08E-05	7.95E-03	2.20E-01	0.00E+00	3.05E-10	3.90E-10	4.54E-05	1.26E-06	2.95E-02	0.00E+00	2.20E-01	5.22E-10	2.20E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MJ506J	2.40E-05	1.18E-02	1.98E-03	8.51E-03	0.00E+00	0.00E+00	1.22E-01	1.17E-07	1.13E-05	7.14E-05	0.00E+00	2.09E-04	9.38E-10	2.73E-11	1.26E-03	2.34E-05	7.00E-04	3.26E-09	1.50E-05	3.37E-03	8.15E-02	0.00E+00	1.11E-10	1.43E-10	1.66E-05	4.35E-07	1.09E-02	0.00E+00	8.15E-02	1.98E-10	8.15E-02	9.24E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.47E-04
MJ510J	2.67E-05	1.37E-02	2.18E-03	9.38E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.24E-05	7.94E-05	0.00E+00	2.31E-04	1.03E-09	2.99E-11	1.39E-03	2.61E-05	7.71E-04	4.71E-09	1.67E-05	3.64E-03	9.03E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.88E-07	1.21E-02	0.00E+00	9.03E-02	2.18E-10	9.03E-02	1.02E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-04
MJ516J	2.70E-05	1.39E-02	2.21E-03	9.50E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	8.04E-05	0.00E+00	2.34E-04	1.05E-09	3.03E-11	1.40E-03	2.64E-05	7.81E-04	4.80E-09	1.69E-05	3.69E-03	9.14E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.95E-07	1.22E-02	0.00E+00	9.14E-02	2.21E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.29E-04
MJ520J	5.11E-05	3.03E-02	4.06E-03	1.74E-02	0.00E+00	0.00E+00	2.49E-01	2.40E-07	2.29E-05	1.52E-04	0.00E+00	4.34E-04	1.92E-09	5.50E-11	2.56E-03	5.11E-05	1.44E-03	1.66E-08	3.17E-05	6.31E-03	1.71E-01	0.00E+00	2.36E-10	3.03E-10	3.53E-05	9.73E-07	2.29E-02	0.00E+00	1.71E-01	4.07E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MJ525J	4.31E-05	2.46E-02	3.45E-03	1.48E-02	0.00E+00	0.00E+00	2.12E-01	2.04E-07	1.95E-05	1.28E-04	0.00E+00	3.68E-04	1.63E-09	4.69E-11	2.18E-03	4.28E-05	1.22E-03	1.23E-08	2.68E-05	5.46E-03	1.45E-01	0.00E+00	1.99E-10	2.56E-10	2.97E-05	8.12E-07	1.94E-02	0.00E+00	1.45E-01	3.46E-10	1.45E-01	1.64E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MJ532J	5.58E-05	3.34E-02	4.43E-03	1.90E-02	0.00E+00	0.00E+00	2.71E-01	2.61E-07	2.49E-05	1.66E-04	0.00E+00	4.73E-04	2.09E-09	5.98E-11	2.78E-03	5.58E-05	1.57E-03	1.86E-08	3.46E-05	6.83E-03	1.87E-01	0.00E+00	2.58E-10	3.30E-10	3.85E-05	1.06E-06	2.50E-02	0.00E+00	1.87E-01	4.43E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MJ540J	1.15E-05	2.57E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.50E-02	6.08E-08	5.99E-06	3.39E-05	0.00E+00	1.06E-04	4.92E-10	1.48E-11	6.76E-04	1.04E-05	3.65E-04	4.02E-09	7.34E-06	2.11E-03	4.04E-02	0.00E+00	5.29E-11	6.95E-11	8.04E-06	1.81E-07	5.36E-03	0.00E+00	4.04E-02	1.03E-10	4.04E-02	4.57E-02	5.36E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
MJ706P	2.30E-05	1.10E-02	1.90E-03	8.20E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.85E-05	0.00E+00	2.01E-04	9.04E-10	2.63E-11	1.22E-03	2.23E-05	6.74E-04	2.60E-09	1.44E-05	3.27E-03	7.83E-02	0.00E+00	1.06E-10	1.37E-10	1.60E-05	4.15E-07	1.05E-02	0.00E+00	7.83E-02	1.91E-10	7.83E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.20E-04
MJ710P	2.12E-05	9.82E-03	1.76E-03	7.58E-03	0.00E+00	0.00E+00	1.09E-01	1.04E-07	1.00E-05	6.29E-05	0.00E+00	1.85E-04	8.35E-10	2.43E-11	1.13E-03	2.04E-05	6.23E-04	1.87E-09	1.33E-05	3.06E-03	7.21E-02	0.00E+00	9.78E-11	1.26E-10	1.47E-05	3.79E-07	9.63E-03	0.00E+00	7.21E-02	1.76E-10	7.21E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-04
MJ716P	2.04E-05	9.22E-03	1.70E-03	7.32E-03	0.00E+00	0.00E+00	1.05E-01	1.00E-07	9.69E-06	6.05E-05	0.00E+00	1.79E-04	8.06E-10	2.35E-11	1.09E-03	1.96E-05	6.01E-04	1.39E-09	1.28E-05	2.98E-03	6.95E-02	0.00E+00	9.40E-11	1.22E-10	1.41E-05	3.62E-07	9.27E-03	0.00E+00	6.95E-02	1.70E-10	6.95E-02	7.87E-02	9.27E-03	0.00E+00	0.00E+00	0.00E+00	5.47E-04
MJ720P	2.12E-05	9.47E-03	1.77E-03	7.63E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.30E-05	0.00E+00	1.86E-04	8.41E-10	2.46E-11	1.14E-03	2.04E-05	6.27E-04	1.21E-09	1.33E-05	3.12E-03	7.24E-02	0.00E+00	9.79E-11	1.27E-10	1.47E-05	3.76E-07	9.66E-03	0.00E+00	7.24E-02	1.78E-10	7.24E-02	8.21E-02	9.66E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-04
MJ725P	2.25E-05	1.03E-02	1.87E-03	8.07E-03	0.00E+00	0.00E+00	1.16E-01	1.11E-07	1.07E-05	6.68E-05	0.00E+00	1.97E-04	8.89E-10	2.59E-11	1.20E-03	2.17E-05	6.63E-04	1.67E-09	1.41E-05	3.28E-03	7.67E-02	0.00E+00	1.04E-10	1.34E-10	1.56E-05	4.01E-07	1.02E-02	0.00E+00	7.67E-02	1.88E-10	7.67E-02	8.69E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-04
MJ732P	1.95E-05	8.11E-03	1.64E-03	7.09E-03	0.00E+00	0.00E+00	1.02E-01	9.70E-08	9.42E-06	5.78E-05	0.00E+00	1.72E-04	7.81E-10	2.29E-11	1.06E-03	1.86E-05	5.82E-04	3.69E-11	1.23E-05	2.96E-03	6.68E-02	0.00E+00	8.99E-11	1.17E-10	1.35E-05	3.40E-07	8.91E-03	0.00E+00	6.68E-02	1.65E-10	6.68E-02	7.57E-02	8.91E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04
MJ740P	2.31E-05	1.06E-02	1.92E-03	8.28E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.86E-05	0.00E+00	2.02E-04	9.12E-10	2.66E-11	1.23E-03	2.23E-05	6.80E-04	1.80E-09	1.45E-05	3.36E-03	7.87E-02	0.00E+00	1.07E-10	1.38E-10	1.60E-05	4.12E-07	1.05E-02	0.00E+00	7.87E-02	1.93E-10	7.87E-02	8.92E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.20E-04
MJN502	3.62E-04	2.47E-01	2.79E-02	1.19E-01	0.00E+00	0.00E+00	1.69E+00	1.64E-06	1.56E-04	1.08E-03	0.00E+00	3.01E-03	1.32E-08	3.71E-10	1.73E-02	3.70E-04	9.85E-03	1.76E-07	2.23E-04	3.93E-02	1.20E+00	0.00E+00	1.67E-09	2.13E-09	2.49E-04	7.17E-06	1.60E-01	0.00E+00	1.20E+00	2.79E-09	1.20E+00	1.36E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	9.88E-03
MJN502A	2.68E-05	1.35E-02	2.20E-03	9.45E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	7.97E-05	0.00E+00	2.32E-04	1.04E-09	3.02E-11	1.40E-03	2.61E-05	7.77E-04	4.27E-09	1.67E-05	3.70E-03	9.08E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.89E-07	1.21E-02	0.00E+00	9.08E-02	2.20E-10	9.08E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
MJN504	1.37E-05	4.53E-03	1.19E-03	5.14E-03	0.00E+00	0.00E+00	7.44E-02	7.02E-08	6.86E-06	4.06E-05	0.00E+00	1.24E-04	5.66E-10	1.68E-11	7.72E-04	1.28E-05	4.21E-04	2.11E-09	8.68E-06	2.28E-03	4.75E-02	0.00E+00	6.32E-11	8.24E-11	9.56E-06	2.29E-07	6.32E-03	0.00E+00	4.75E-02	1.19E-10	4.75E-02	5.38E-02	6.32E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
MJN504A	1.33E-05	4.09E-03	1.16E-03	5.01E-03	0.00E+00	0.00E+00	7.26E-02	6.83E-08	6.69E-06	3.92E-05	0.00E+00	1.20E-04	5.51E-10	1.64E-11	7.53E-04	1.23E-05	4.10E-04	2.58E-09	8.42E-06	2.25E-03	4.61E-02	0.00E+00	6.11E-11	7.98E-11	9.25E-06	2.19E-07	6.13E-03	0.00E+00	4.61E-02	1.16E-10	4.61E-02	5.22E-02	6.13E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MJN506	2.09E-05	9.70E-03	1.74E-03	7.49E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.92E-06	6.22E-05	0.00E+00	1.83E-04	8.25E-10	2.41E-11	1.11E-03	2.02E-05	6.15E-04	1.83E-09	1.31E-05	3.02E-03	7.13E-02	0.00E+00	9.66E-11	1.25E-10	1.45E-05	3.74E-07	9.52E-03	0.00E+00	7.13E-02	1.74E-10	7.13E-02	8.08E-02	9.52E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
MJN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN510A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN513A	3.44E-05	1.89E-02	2.77E-03	1.19E-02	0.00E+00	0.00E+00	1.70E-01	1.63E-07	1.57E-05	1.02E-04	0.00E+00	2.94E-04	1.31E-09	3.78E-11	1.75E-03	3.39E-05	9.80E-04	8.46E-09	2.14E-05	4.47E-03	1.16E-01	0.00E+00	1.59E-10	2.04E-10	2.37E-05	6.41E-07	1.55E-02	0.00E+00	1.16E-01	2.77E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.29E-04
MJN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN516A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN520A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN525A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN532A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN540A	5.66E-05	3.39E-02	4.49E-03	1.93E-02	0.00E+00	0.00E+00	2.75E-01	2.65E-07	2.53E-05	1.69E-04	0.00E+00	4.80E-04	2.12E-09	6.07E-11	2.82E-03	5.66E-05	1.59E-03	1.90E-08	3.51E-05	6.92E-03	1.89E-01	0.00E+00	2.62E-10	3.35E-10	3.90E-05	1.08E-06	2.53E-02	0.00E+00	1.89E-01	4.49E-10	1.89E-01	2.15E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MJN702	4.82E-05	2.81E-02	3.84E-03	1.65E-02	0.00E+00	0.00E+00	2.36E-01	2.27E-07	2.17E-05	1.44E-04	0.00E+00	4.10E-04	1.82E-09	5.21E-11	2.42E-03	4.80E-05	1.36E-03	1.47E-08	2.99E-05	6.03E-03	1.62E-01	0.00E+00	2.23E-10	2.86E-10	3.33E-05	9.13E-07	2.16E-02	0.00E+00	1.62E-01	3.85E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MJN706	4.82E-05	2.83E-02	3.84E-03	1.65E-02	0.00E+00	0.00E+00	2.35E-01	2.26E-07	2.16E-05	1.44E-04	0.00E+00	4.09E-04	1.82E-09	5.20E-11	2.42E-03	4.80E-05	1.36E-03	1.50E-08	2.99E-05	5.99E-03	1.61E-01	0.00E+00	2.23E-10	2.86E-10	3.32E-05	9.14E-07	2.16E-02	0.00E+00	1.61E-01	3.84E-10	1.61E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MJN706P	2.49E-05	1.19E-02	2.05E-03	8.85E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.39E-05	0.00E+00	2.17E-04	9.75E-10	2.84E-11	1.31E-03	2.41E-05	7.27E-04	2.82E-09	1.56E-05	3.53E-03	8.45E-02	0.00E+00	1.15E-10	1.48E-10	1.72E-05	4.47E-07	1.13E-02	0.00E+00	8.45E-02	2.06E-10	8.45E-02	9.58E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.69E-04
MJN710	4.86E-05	2.86E-02	3.87E-03	1.66E-02	0.00E+00	0.00E+00	2.37E-01	2.28E-07	2.18E-05	1.45E-04	0.00E+00	4.13E-04	1.83E-09	5.24E-11	2.44E-03	4.85E-05	1.37E-03	1.54E-08	3.02E-05	6.02E-03	1.63E-01	0.00E+00	2.25E-10	2.88E-10	3.35E-05	9.23E-07	2.18E-02	0.00E+00	1.63E-01	3.87E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MJN710P	2.85E-05	1.44E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.44E-01	1.38E-07	1.33E-05	8.47E-05	0.00E+00	2.47E-04	1.11E-09	3.20E-11	1.48E-03	2.78E-05	8.25E-04	4.67E-09	1.78E-05	3.92E-03	9.64E-02	0.00E+00	1.31E-10	1.70E-10	1.97E-05	5.20E-07	1.29E-02	0.00E+00	9.64E-02	2.34E-10	9.64E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MJN716	3.58E-05	1.96E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.78E-01	1.70E-07	1.63E-05	1.06E-04	0.00E+00	3.07E-04	1.37E-09	3.93E-11	1.83E-03	3.53E-05	1.02E-03	8.72E-09	2.23E-05	4.66E-03	1.20E-01	0.00E+00	1.65E-10	2.12E-10	2.47E-05	6.66E-07	1.61E-02	0.00E+00	1.20E-01	2.89E-10	1.20E-01	1.36E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.67E-04
MJN716P	2.22E-05	1.01E-02	1.85E-03	7.95E-03	0.00E+00	0.00E+00	1.14E-01	1.09E-07	1.05E-05	6.58E-05	0.00E+00	1.94E-04	8.76E-10	2.56E-11	1.18E-03	2.13E-05	6.53E-04	1.59E-09	1.39E-05	3.23E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.54E-05	3.94E-07	1.01E-02	0.00E+00	7.55E-02	1.85E-10	7.55E-02	8.56E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.95E-04
MJN720	3.19E-05	1.69E-02	2.59E-03	1.11E-02	0.00E+00	0.00E+00	1.60E-01	1.53E-07	1.47E-05	9.49E-05	0.00E+00	2.75E-04	1.23E-09	3.54E-11	1.64E-03	3.13E-05	9.16E-04	6.67E-09	1.99E-05	4.26E-03	1.08E-01	0.00E+00	1.47E-10	1.90E-10	2.20E-05	5.89E-07	1.44E-02	0.00E+00	1.08E-01	2.59E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.61E-04
MJN720P	2.85E-05	1.44E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.44E-01	1.38E-07	1.33E-05	8.47E-05	0.00E+00	2.47E-04	1.11E-09	3.20E-11	1.48E-03	2.78E-05	8.25E-04	4.67E-09	1.78E-05	3.92E-03	9.64E-02	0.00E+00	1.31E-10	1.70E-10	1.97E-05	5.20E-07	1.29E-02	0.00E+00	9.64E-02	2.34E-10	9.64E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MJN725	4.68E-05	2.72E-02	3.74E-03	1.60E-02	0.00E+00	0.00E+00	2.29E-01	2.20E-07	2.11E-05	1.40E-04	0.00E+00	3.99E-04	1.77E-09	5.07E-11	2.36E-03	4.66E-05	1.32E-03	1.41E-08	2.91E-05	5.87E-03	1.57E-01	0.00E+00	2.16E-10	2.78E-10	3.23E-05	8.86E-07	2.10E-02	0.00E+00	1.57E-01	3.74E-10	1.57E-01	1.78E-01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
MJN725P	3.36E-05	1.79E-02	2.73E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.61E-07	1.55E-05	1.00E-04	0.00E+00	2.90E-04	1.29E-09	3.73E-11	1.73E-03	3.31E-05	9.66E-04	7.19E-09	2.10E-05	4.48E-03	1.14E-01	0.00E+00	1.55E-10	2.00E-10	2.33E-05	6.22E-07	1.52E-02	0.00E+00	1.14E-01	2.73E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	9.09E-04
MJN732	5.33E-05	3.17E-02	4.24E-03	1.82E-02	0.00E+00	0.00E+00	2.60E-01	2.50E-07	2.39E-05	1.59E-04	0.00E+00	4.52E-04	2.00E-09	5.73E-11	2.67E-03	5.33E-05	1.50E-03	1.74E-08	3.31E-05	6.57E-03	1.79E-01	0.00E+00	2.47E-10	3.16E-10	3.68E-05	1.02E-06	2.39E-02	0.00E+00	1.79E-01	4.24E-10	1.79E-01	2.02E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MJN732P	2.39E-05	1.10E-02	1.99E-03	8.56E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.11E-05	0.00E+00	2.09E-04	9.44E-10	2.75E-11	1.27E-03	2.31E-05	7.04E-04	2.03E-09	1.50E-05	3.46E-03	8.15E-02	0.00E+00	1.10E-10	1.43E-10	1.66E-05	4.27E-07	1.09E-02	0.00E+00	8.15E-02	1.99E-10	8.15E-02	9.24E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.43E-04
MJN740	5.82E-05	3.51E-02	4.62E-03	1.98E-02	0.00E+00	0.00E+00	2.83E-01	2.72E-07	2.60E-05	1.74E-04	0.00E+00	4.93E-04	2.18E-09	6.24E-11	2.90E-03	5.83E-05	1.63E-03	1.98E-08	3.61E-05	7.10E-03	1.95E-01	0.00E+00	2.69E-10	3.45E-10	4.02E-05	1.11E-06	2.61E-02	0.00E+00	1.95E-01	4.62E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
MJN740P	2.55E-05	1.21E-02	2.11E-03	9.09E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.58E-05	0.00E+00	2.23E-04	1.00E-09	2.91E-11	1.35E-03	2.47E-05	7.47E-04	2.81E-09	1.60E-05	3.63E-03	8.67E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.59E-07	1.16E-02	0.00E+00	8.67E-02	2.12E-10	8.67E-02	9.83E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
MJS502	1.89E-05	8.24E-03	1.58E-03	6.81E-03	0.00E+00	0.00E+00	9.82E-02	9.33E-08	9.04E-06	5.60E-05	0.00E+00	1.66E-04	7.51E-10	2.20E-11	1.01E-03	1.81E-05	5.60E-04	7.38E-10	1.19E-05	2.81E-03	6.45E-02	0.00E+00	8.71E-11	1.13E-10	1.31E-05	3.33E-07	8.60E-03	0.00E+00	6.45E-02	1.59E-10	6.45E-02	7.31E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
MJS504	2.31E-05	1.12E-02	1.90E-03	8.18E-03	0.00E+00	0.00E+00	1.17E-01	1.12E-07	1.08E-05	6.85E-05	0.00E+00	2.01E-04	9.01E-10	2.62E-11	1.21E-03	2.24E-05	6.72E-04	3.03E-09	1.44E-05	3.24E-03	7.83E-02	0.00E+00	1.06E-10	1.37E-10	1.60E-05	4.17E-07	1.04E-02	0.00E+00	7.83E-02	1.90E-10	7.83E-02	8.87E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
MJS506	2.06E-05	9.54E-03	1.71E-03	7.36E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.74E-06	6.11E-05	0.00E+00	1.80E-04	8.11E-10	2.36E-11	1.09E-03	1.99E-05	6.05E-04	1.82E-09	1.29E-05	2.97E-03	7.01E-02	0.00E+00	9.50E-11	1.23E-10	1.43E-05	3.68E-07	9.35E-03	0.00E+00	7.01E-02	1.71E-10	7.01E-02	7.94E-02	9.35E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-04
MJS510	1.82E-05	8.02E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.42E-02	8.95E-08	8.67E-06	5.39E-05	0.00E+00	1.59E-04	7.21E-10	2.11E-11	9.73E-04	1.74E-05	5.37E-04	8.87E-10	1.14E-05	2.68E-03	6.20E-02	0.00E+00	8.37E-11	1.08E-10	1.26E-05	3.21E-07	8.27E-03	0.00E+00	6.20E-02	1.52E-10	6.20E-02	7.02E-02	8.27E-03	0.00E+00	0.00E+00	0.00E+00	4.87E-04
MJS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJT702	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT706	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT710	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT716	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT720	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MJT725	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MJT732	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MJT740	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04

MKN506	1.79E-05	7.29E-03	1.51E-03	6.52E-03	0.00E+00	0.00E+00	9.41E-02	8.92E-08	8.67E-06	5.30E-05	0.00E+00	1.58E-04	7.19E-10	2.11E-11	9.73E-04	1.70E-05	5.35E-04	2.50E-10	1.13E-05	2.74E-03	6.13E-02	0.00E+00	8.24E-11	1.07E-10	1.24E-05	3.11E-07	8.17E-03	0.00E+00	6.13E-02	1.52E-10	6.13E-02	6.95E-02	8.17E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04
MKN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN510	8.03E-06	4.96E-04	7.53E-04	3.27E-03	0.00E+00	0.00E+00	4.80E-02	4.45E-08	4.43E-06	2.35E-05	0.00E+00	7.64E-05	3.60E-10	1.10E-11	5.02E-04	6.89E-06	2.67E-04	5.15E-09	5.18E-06	1.68E-03	2.87E-02	0.00E+00	3.68E-11	4.88E-11	5.64E-06	1.14E-07	3.80E-03	0.00E+00	2.87E-02	7.57E-11	2.87E-02	3.25E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MKN510A	3.12E-05	1.65E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.56E-01	1.50E-07	1.44E-05	9.29E-05	0.00E+00	2.69E-04	1.20E-09	3.47E-11	1.61E-03	3.07E-05	8.97E-04	6.51E-09	1.95E-05	4.17E-03	1.05E-01	0.00E+00	1.44E-10	1.86E-10	2.16E-05	5.77E-07	1.41E-02	0.00E+00	1.05E-01	2.54E-10	1.05E-01	1.19E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.43E-04
MKN513	2.10E-05	9.54E-03	1.75E-03	7.52E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.97E-06	6.23E-05	0.00E+00	1.84E-04	8.29E-10	2.42E-11	1.12E-03	2.02E-05	6.18E-04	1.51E-09	1.32E-05	3.06E-03	7.15E-02	0.00E+00	9.68E-11	1.25E-10	1.45E-05	3.73E-07	9.54E-03	0.00E+00	7.15E-02	1.75E-10	7.15E-02	8.10E-02	9.54E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
MKN513A	3.25E-05	1.74E-02	2.63E-03	1.13E-02	0.00E+00	0.00E+00	1.62E-01	1.55E-07	1.49E-05	9.67E-05	0.00E+00	2.79E-04	1.25E-09	3.60E-11	1.67E-03	3.20E-05	9.31E-04	7.13E-09	2.02E-05	4.31E-03	1.10E-01	0.00E+00	1.50E-10	1.93E-10	2.25E-05	6.01E-07	1.46E-02	0.00E+00	1.10E-01	2.64E-10	1.10E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.78E-04
MKN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN516A	2.97E-05	1.54E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.43E-07	1.37E-05	8.83E-05	0.00E+00	2.56E-04	1.15E-09	3.31E-11	1.54E-03	2.91E-05	8.56E-04	5.68E-09	1.85E-05	4.01E-03	1.00E-01	0.00E+00	1.37E-10	1.77E-10	2.05E-05	5.46E-07	1.34E-02	0.00E+00	1.00E-01	2.42E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-04
MKN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN520A	3.89E-05	2.18E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.93E-01	1.85E-07	1.77E-05	1.16E-04	0.00E+00	3.33E-04	1.48E-09	4.26E-11	1.98E-03	3.85E-05	1.11E-03	1.02E-08	2.42E-05	5.02E-03	1.31E-01	0.00E+00	1.80E-10	2.31E-10	2.69E-05	7.29E-07	1.75E-02	0.00E+00	1.31E-01	3.14E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MKN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN525A	3.14E-05	1.65E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.51E-07	1.45E-05	9.35E-05	0.00E+00	2.71E-04	1.21E-09	3.50E-11	1.62E-03	3.08E-05	9.05E-04	6.20E-09	1.96E-05	4.23E-03	1.06E-01	0.00E+00	1.45E-10	1.87E-10	2.17E-05	5.79E-07	1.42E-02	0.00E+00	1.06E-01	2.56E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
MKN532	2.95E-05	1.52E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.78E-05	0.00E+00	2.55E-04	1.14E-09	3.30E-11	1.53E-03	2.89E-05	8.52E-04	5.34E-09	1.84E-05	4.01E-03	9.98E-02	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.41E-07	1.33E-02	0.00E+00	9.98E-02	2.41E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
MKN532A	4.05E-05	2.27E-02	3.26E-03	1.40E-02	0.00E+00	0.00E+00	2.00E-01	1.92E-07	1.84E-05	1.21E-04	0.00E+00	3.47E-04	1.54E-09	4.44E-11	2.06E-03	4.01E-05	1.15E-03	1.07E-08	2.52E-05	5.22E-03	1.36E-01	0.00E+00	1.87E-10	2.41E-10	2.80E-05	7.60E-07	1.82E-02	0.00E+00	1.36E-01	3.26E-10	1.36E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
MKN540	3.05E-05	1.59E-02	2.49E-03	1.07E-02	0.00E+00	0.00E+00	1.53E-01	1.47E-07	1.41E-05	9.08E-05	0.00E+00	2.64E-04	1.18E-09	3.41E-11	1.58E-03	2.99E-05	8.80E-04	5.84E-09	1.90E-05	4.13E-03	1.03E-01	0.00E+00	1.41E-10	1.82E-10	2.11E-05	5.61E-07	1.38E-02	0.00E+00	1.03E-01	2.49E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.24E-04
MKN598	4.20E-05	1.86E-02	3.50E-03	1.51E-02	0.00E+00	0.00E+00	2.18E-01	2.07E-07	2.00E-05	1.24E-04	0.00E+00	3.68E-04	1.66E-09	4.86E-11	2.25E-03	4.03E-05	1.24E-03	0.00E+00	2.62E-05	6.19E-03	1.43E-01	0.00E+00	1.94E-10	2.51E-10	2.91E-05	7.42E-07	1.91E-02	0.00E+00	1.43E-01	3.51E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
MKN599	4.31E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.28E-03	0.00E+00	2.69E-05	6.36E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MKS506	1.33E-05	4.31E-03	1.15E-03	4.97E-03	0.00E+00	0.00E+00	7.21E-02	6.79E-08	6.64E-06	3.92E-05	0.00E+00	1.20E-04	5.48E-10	1.63E-11	7.47E-04	1.23E-05	4.07E-04	2.17E-09	8.40E-06	2.21E-03	4.59E-02	0.00E+00	6.10E-11	7.97E-11	9.23E-06	2.20E-07	6.11E-03	0.00E+00	4.59E-02	1.15E-10	4.59E-02	5.20E-02	6.11E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MKS510	1.68E-05	6.84E-03	1.42E-03	6.14E-03	0.00E+00	0.00E+00	8.86E-02	8.40E-08	8.16E-06	4.99E-05	0.00E+00	1.49E-04	6.76E-10	1.99E-11	9.16E-04	1.60E-05	5.04E-04	2.62E-10	1.06E-05	2.58E-03	5.77E-02	0.00E+00	7.76E-11	1.01E-10	1.17E-05	2.92E-07	7.69E-03	0.00E+00	5.77E-02	1.43E-10	5.77E-02	6.54E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-04
MKS513	1.71E-05	7.00E-03	1.44E-03	6.21E-03	0.00E+00	0.00E+00	8.97E-02	8.50E-08	8.26E-06	5.06E-05	0.00E+00	1.51E-04	6.85E-10	2.01E-11	9.27E-04	1.62E-05	5.10E-04	1.49E-10	1.07E-05	2.61E-03	5.85E-02	0.00E+00	7.86E-11	1.02E-10	1.18E-05	2.97E-07	7.79E-03	0.00E+00	5.85E-02	1.44E-10	5.85E-02	6.63E-02	7.79E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-04
MKS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKS599	4.31E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.28E-03	0.00E+00	2.69E-05	6.36E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
ML506J	1.16E-05	2.76E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.50E-02	6.08E-08	5.99E-06	3.41E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.75E-04	1.05E-05	3.65E-04	3.71E-09	7.37E-06	2.09E-03	4.05E-02	0.00E+00	5.32E-11	6.98E-11	8.08E-06	1.83E-07	5.38E-03	0.00E+00	4.05E-02	1.03E-10	4.05E-02	4.59E-02	5.38E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
ML510J	1.61E-05	5.99E-03	1.37E-03	5.92E-03	0.00E+00	0.00E+00	8.56E-02	8.10E-08	7.89E-06	4.75E-05	0.00E+00	1.43E-04	6.52E-10	1.92E-11	8.86E-04	1.51E-05	4.86E-04	1.23E-09	1.01E-05	2.55E-03	5.53E-02	0.00E+00	7.39E-11	9.62E-11	1.12E-05	2.74E-07	7.36E-03	0.00E+00	5.53E-02	1.38E-10	5.53E-02	6.26E-02	7.36E-03	0.00E+00	0.00E+00	0.00E+00	4.28E-04
ML516J	9.10E-06	1.09E-03	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.33E-02	4.96E-08	4.92E-06	2.67E-05	0.00E+00	8.56E-05	4.01E-10	1.22E-11	5.56E-04	7.95E-06	2.98E-04	4.88E-09	5.85E-06	1.82E-03	3.23E-02	0.00E+00	4.17E-11	5.52E-11	6.38E-06	1.34E-07	4.28E-03	0.00E+00	3.23E-02	8.44E-11	3.23E-02	3.66E-02	4.28E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
ML520J	7.27E-06	3.01E-04	7.01E-04	3.06E-03	0.00E+00	0.00E+00	4.50E-02	4.15E-08	4.16E-06	2.12E-05	0.00E+00	7.06E-05	3.36E-10	1.04E-11	4.72E-04	6.04E-06	2.49E-04	6.02E-09	4.72E-06	1.64E-03	2.63E-02	0.00E+00	3.32E-11	4.44E-11	5.12E-06	9.68E-08	3.47E-03	0.00E+00	2.63E-02	7.06E-11	2.63E-02	2.97E-02	3.47E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04
ML525J	8.11E-06	2.29E-04	7.68E-04	3.34E-03	0.00E+00	0.00E+00	4.91E-02	4.54E-08	4.53E-06	2.37E-05	0.00E+00	7.77E-05	3.68E-10	1.13E-11	5.13E-04	6.88E-06	2.72E-04	5.70E-09	5.24E-06	1.74E-03	2.91E-02	0.00E+00	3.71E-11	4.94E-11	5.70E-06	1.13E-07	3.85E-03	0.00E+00	2.91E-02	7.72E-11	2.91E-02	3.29E-02	3.85E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
ML532J	1.67E-05	6.01E-03	1.43E-03	6.19E-03	0.00E+00	0.00E+00	8.95E-02	8.46E-08	8.24E-06	4.94E-05	0.00E+00	1.49E-04	6.82E-10	2.01E-11	9.27E-04	1.56E-05	5.07E-04	1.67E-09	1.05E-05	2.69E-03	5.76E-02	0.00E+00	7.69E-11	1.00E-10	1.16E-05	2.83E-07	7.67E-03	0.00E+00	5.76E-02	1.44E-10	5.76E-02	6.52E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04
ML540J	1.09E-05	2.06E-03	9.87E-04	4.28E-03	0.00E+00	0.00E+00	6.24E-02	5.83E-08	5.75E-06	3.21E-05	0.00E+00	1.01E-04	4.71E-10	1.42E-11	6.50E-04	9.73E-06	3.50E-04	4.49E-09	6.98E-06	2.06E-03	3.84E-02	0.00E+00	5.01E-11	6.60E-11	7.64E-06	1.68E-07	5.10E-03	0.00E+00	3.84E-02	9.92E-11	3.84E-02	4.35E-02	5.10E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
MLN502A	1.92E-05	7.93E-03	1.62E-03	7.00E-03	0.00E+00	0.00E+00	1.01E-01	9.58E-08	9.30E-06	5.70E-05	0.00E+00	1.70E-04	7.72E-10	2.26E-11	1.04E-03	1.83E-05	5.75E-04	9.22E-11	1.21E-05	2.94E-03	6.59E-02	0.00E+00	8.87E-11	1.15E-10	1.34E-05	3.35E-07	8.79E-03	0.00E+00	6.59E-02	1.63E-10	6.59E-02	7.47E-02	8.79E-03	0.00E+00	0.00E+00	0.00E+00	5.15E-04
MLN504A	3.30E-05	1.77E-02	2.68E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.58E-07	1.52E-05	9.84E-05	0.00E+00	2.84E-04	1.27E-09	3.66E-11	1.70E-03	3.25E-05	9.48E-04	7.23E-09	2.06E-05	4.38E-03	1.11E-01	0.00E+00	1.53E-10	1.96E-10	2.28E-05	6.12E-07	1.49E-02	0.00E+00	1.11E-01	2.68E-10	1.11E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
MLN506	1.75E-05	7.09E-03	1.48E-03	6.40E-03	0.00E+00	0.00E+00	9.24E-02	8.76E-08	8.51E-06	5.20E-05	0.00E+00	1.55E-04	7.05E-10	2.07E-11	9.56E-04	1.66E-05	5.25E-04	3.35E-10	1.10E-05	2.70E-03	6.01E-02	0.00E+00	8.08E-11	1.05E-10	1.22E-05	3.04E-07	8.02E-03	0.00E+00	6.01E-02	1.49E-10	6.01E-02	6.82E-02	8.02E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-04
MLN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN510	2.45E-05	1.20E-02	2.02E-03	8.68E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.28E-05	0.00E+00	2.13E-04	9.56E-10	2.78E-11	1.29E-03	2.38E-05	7.13E-04	3.31E-09	1.53E-05	3.43E-03	8.31E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.43E-07	1.11E-02	0.00E+00	8.31E-02	2.02E-10	8.31E-02	9.42E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.59E-04
MLN510A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN513	1.15E-05	2.90E-03	1.02E-03	4.41E-03	0.00E+00	0.00E+00	6.41E-02	6.01E-08	5.91E-06	3.38E-05	0.00E+00	1.05E-04	4.85E-10	1.45E-11	6.66E-04	1.04E-05	3.61E-04	3.38E-09	7.30E-06	2.05E-03	4.01E-02	0.00E+00	5.27E-11	6.92E-11	8.01E-06	1.83E-07	5.33E-03	0.00E+00	4.01E-02	1.02E-10	4.01E-02	4.54E-02	5.33E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
MLN513A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN516A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN520	3.40E-05	1.84E-02	2.75E-03	1.18E-02	0.00E+00	0.00E+00	1.69E-01	1.62E-07	1.56E-05	1.01E-04	0.00E+00	2.92E-04	1.30E-09	3.75E-11	1.74E-03	3.35E-05	9.73E-04	7.87E-09	2.12E-05	4.47E-03	1.15E-01	0.00E+00	1.57E-10	2.02E-10	2.35E-05	6.32E-07	1.53E-02	0.00E+00	1.15E-01	2.75E-10	1.15E-01	1.30E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04
MLN520A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN525	1.16E-05	2.72E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.50E-02	6.08E-08	5.99E-06	3.40E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.75E-04	1.04E-05	3.65E-04	3.77E-09	7.36E-06	2.09E-03	4.04E-02	0.00E+00	5.31E-11	6.97E-11	8.07E-06	1.83E-07	5.37E-03	0.00E+00	4.04E-02	1.03E-10	4.04E-02	4.58E-02	5.37E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MLN525A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN532	3.26E-05	1.73E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.63E-01	1.56E-07	1.50E-05	9.70E-05	0.00E+00	2.81E-04	1.25E-09	3.62E-11	1.68E-03	3.20E-05	9.36E-04	6.93E-09	2.03E-05	4.34E-03	1.10E-01	0.00E+00	1.51E-10	1.94E-10	2.25E-05	6.02E-07	1.47E-02	0.00E+00	1.10E-01	2.65E-10	1.10E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.80E-04
MLN532A	3.75E-05	2.07E-02	3.02E-03	1.30E-02	0.00E+00	0.00E+00	1.86E-01	1.78E-07	1.71E-05	1.12E-04	0.00E+00	3.22E-04	1.43E-09	4.12E-11	1.91E-03	3.71E-05	1.07E-03	9.33E-09	2.33E-05	4.88E-03	1.26E-01	0.00E+00	1.73E-10	2.23E-10	2.59E-05	7.00E-07	1.69E-02	0.00E+00	1.26E-01	3.03E-10	1.26E-01	1.43E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MLN540	2.93E-05	1.51E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.47E-01	1.41E-07	1.36E-05	8.70E-05	0.00E+00	2.53E-04	1.13E-09	3.28E-11	1.52E-03	2.86E-05	8.45E-04	5.30E-09	1.83E-05	3.98E-03	9.89E-02	0.00E+00	1.35E-10	1.74E-10	2.02E-05	5.36E-07	1.32E-02	0.00E+00	9.89E-02	2.39E-10	9.89E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-04
MLN540A	4.33E-05	2.47E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.13E-01	2.05E-07	1.96E-05	1.29E-04	0.00E+00	3.70E-04	1.64E-09	4.72E-11	2.19E-03	4.30E-05	1.23E-03	1.22E-08	2.69E-05	5.51E-03	1.45E-01	0.00E+00	2.00E-10	2.57E-10	2.99E-05	8.15E-07	1.95E-02	0.00E+00	1.45E-01	3.48E-10	1.45E-01	1.65E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MLN702	9.26E-06	9.27E-04	8.59E-04	3.73E-03	0.00E+00	0.00E+00	5.47E-02	5.08E-08	5.04E-06	2.71E-05	0.00E+00	8.75E-05	4.11E-10	1.25E-11	5.71E-04	8.04E-06	3.05E-04	5.30E-09	5.96E-06	1.88E-03	3.29E-02	0.00E+00	4.25E-11	5.63E-11	6.50E-06	1.35E-07	4.37E-03	0.00E+00	3.29E-02	8.64E-11	3.29E-02	3.73E-02	4.37E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MLN702A	1.84E-05	7.31E-03	1.56E-03	6.73E-03	0.00E+00	0.00E+00	9.72E-02	9.21E-08	8.95E-06	5.45E-05	0.00E+00	1.63E-04	7.42E-10	2.18E-11	1.01E-03	1.74E-05	5.52E-04	5.88E-10	1.16E-05	2.85E-03	6.31E-02	0.00E+00	8.48E-11	1.10E-10	1.28E-05	3.18E-07	8.42E-03	0.00E+00	6.31E-02	1.56E-10	6.31E-02	7.16E-02	8.42E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
MLN706	9.31E-06	1.10E-03	8.59E-04	3.73E-03	0.00E+00	0.00E+00	5.46E-02	5.08E-08	5.04E-06	2.73E-05	0.00E+00	8.77E-05	4.11E-10	1.25E-11	5.70E-04	8.13E-06	3.05E-04	5.02E-09	5.99E-06	1.86E-03	3.31E-02	0.00E+00	4.27E-11	5.65E-11	6.53E-06	1.37E-07	4.38E-03	0.00E+00	3.31E-02	8.64E-11	3.31E-02	3.74E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MLN706A	3.46E-05	1.88E-02	2.80E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.65E-07	1.59E-05	1.03E-04	0.00E+00	2.97E-04	1.33E-09	3.82E-11	1.77E-03	3.41E-05	9.91E-04	8.01E-09	2.16E-05	4.56E-03	1.17E-01	0.00E+00	1.60E-10	2.06E-10	2.39E-05	6.43E-07	1.56E-02	0.00E+00	1.17E-01	2.81E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.36E-04
MLN710	1.04E-05	2.06E-03	9.41E-04	4.08E-03	0.00E+00	0.00E+00	5.95E-02	5.56E-08	5.49E-06	3.07E-05	0.00E+00	9.67E-05	4.49E-10	1.35E-11	6.19E-04	9.33E-06	3.34E-04	4.12E-09	6.67E-06	1.95E-03	3.67E-02	0.00E+00	4.79E-11	6.31E-11	7.30E-06	1.62E-07	4.87E-03	0.00E+00	3.67E-02	9.46E-11	3.67E-02	4.16E-02	4.87E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MLN710A	3.45E-05	1.89E-02	2.79E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.65E-07	1.58E-05	1.03E-04	0.00E+00	2.96E-04	1.32E-09	3.81E-11	1.77E-03	3.41E-05	9.87E-04	8.22E-09	2.15E-05	4.53E-03	1.16E-01	0.00E+00	1.60E-10	2.05E-10	2.39E-05	6.43E-07	1.56E-02	0.00E+00	1.16E-01	2.80E-10	1.16E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.34E-04
MLN716	9.98E-06	1.65E-03	9.08E-04	3.94E-03	0.00E+00	0.00E+00	5.75E-02	5.36E-08	5.30E-06	2.93E-05	0.00E+00	9.30E-05	4.34E-10	1.31E-11	5.99E-04	8.83E-06	3.22E-04	4.53E-09	6.39E-06	1.92E-03	3.52E-02	0.00E+00	4.58E-11	6.04E-11	6.98E-06	1.52E-07	4.67E-03	0.00E+00	3.52E-02	9.13E-11	3.52E-02	3.99E-02	4.67E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MLN716A	3.40E-05	1.84E-02	2.75E-03	1.18E-02	0.00E+00	0.00E+00	1.69E-01	1.62E-07	1.56E-05	1.01E-04	0.00E+00	2.92E-04	1.30E-09	3.75E-11	1.74E-03	3.35E-05	9.73E-04	7.87E-09	2.12E-05	4.47E-03	1.15E-01	0.00E+00	1.57E-10	2.02E-10	2.35E-05	6.32E-07	1.53E-02	0.00E+00	1.15E-01	2.75E-10	1.15E-01	1.30E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.19E-04
MLN720	9.71E-06	1.37E-03	8.90E-04	3.86E-03	0.00E+00	0.00E+00	5.65E-02	5.26E-08	5.21E-06	2.85E-05	0.00E+00	9.10E-05	4.25E-10	1.29E-11	5.89E-04	8.54E-06	3.16E-04	4.83E-09	6.23E-06	1.91E-03	3.44E-02	0.00E+00	4.45E-11	5.89E-11	6.80E-06	1.45E-07	4.56E-03	0.00E+00	3.44E-02	8.95E-11	3.44E-02	3.89E-02	4.56E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MLN720A	4.24E-05	2.42E-02	3.40E-03	1.46E-02	0.00E+00	0.00E+00	2.09E-01	2.01E-07	1.92E-05	1.26E-04	0.00E+00	3.62E-04	1.61E-09	4.62E-11	2.15E-03	4.21E-05	1.20E-03	1.20E-08	2.64E-05	5.39E-03	1.42E-01	0.00E+00	1.96E-10	2.52E-10	2.93E-05	7.99E-07	1.91E-02	0.00E+00	1.42E-01	3.40E-10	1.42E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
MLN725	7.86E-06	1.29E-05	7.50E-04	3.27E-03	0.00E+00	0.00E+00	4.80E-02	4.43E-08	4.43E-06	2.29E-05	0.00E+00	7.58E-05	3.59E-10	1.10E-11	5.02E-04	6.62E-06	2.66E-04	5.90E-09	5.09E-06	1.72E-03	2.83E-02	0.00E+00	3.60E-11	4.80E-11	5.53E-06	1.08E-07	3.74E-03	0.00E+00	2.83E-02	7.55E-11	2.83E-02	3.20E-02	3.74E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MLN725A	3.28E-05	1.74E-02	2.66E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.57E-07	1.51E-05	9.77E-05	0.00E+00	2.82E-04	1.26E-09	3.64E-11	1.69E-03	3.22E-05	9.42E-04	6.95E-09	2.04E-05	4.37E-03	1.11E-01	0.00E+00	1.52E-10	1.95E-10	2.27E-05	6.06E-07	1.48E-02	0.00E+00	1.11E-01	2.67E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.86E-04
MLN732	1.15E-05	2.45E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.51E-02	6.08E-08	6.00E-06	3.38E-05	0.00E+00	1.06E-04	4.92E-10	1.48E-11	6.77E-04	1.03E-05	3.65E-04	4.21E-09	7.33E-06	2.12E-03	4.03E-02	0.00E+00	5.27E-11	6.93E-11	8.02E-06	1.79E-07	5.35E-03	0.00E+00	4.03E-02	1.03E-10	4.03E-02	4.56E-02	5.35E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MLN732A	4.80E-05	2.79E-02	3.83E-03	1.65E-02	0.00E+00	0.00E+00	2.35E-01	2.26E-07	2.16E-05	1.43E-04	0.00E+00	4.09E-04	1.81E-09	5.20E-11	2.42E-03	4.78E-05	1.36E-03	1.44E-08	2.98E-05	6.02E-03	1.61E-01	0.00E+00	2.22E-10	2.85E-10	3.31E-05	9.08E-07	2.15E-02	0.00E+00	1.61E-01	3.84E-10	1.61E-01	1.83E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MLN740A	5.02E-05	2.94E-02	4.00E-03	1.72E-02	0.00E+00	0.00E+00	2.45E-01	2.36E-07	2.26E-05	1.50E-04	0.00E+00	4.27E-04	1.89E-09	5.42E-11	2.52E-03	5.00E-05	1.41E-03	1.55E-08	3.11E-05	6.26E-03	1.68E-01	0.00E+00	2.32E-10	2.97E-10	3.46E-05	9.51E-07	2.25E-02	0.00E+00	1.68E-01	4.01E-10	1.68E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MLS506	1.77E-05	7.36E-03	1.49E-03	6.44E-03	0.00E+00	0.00E+00	9.30E-02	8.82E-08	8.56E-06	5.25E-05	0.00E+00	1.57E-04	7.10E-10	2.08E-11	9.61E-04	1.69E-05	5.29E-04	5.46E-12	1.11E-05	2.70E-03	6.07E-02	0.00E+00	8.17E-11	1.06E-10	1.23E-05	3.09E-07	8.09E-03	0.00E+00	6.07E-02	1.50E-10	6.07E-02	6.88E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-04
MLS510	2.22E-05	1.05E-02	1.84E-03	7.90E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.59E-05	0.00E+00	1.94E-04	8.71E-10	2.54E-11	1.17E-03	2.15E-05	6.50E-04	2.35E-09	1.39E-05	3.17E-03	7.54E-02	0.00E+00	1.02E-10	1.32E-10	1.54E-05	3.98E-07	1.01E-02	0.00E+00	7.54E-02	1.84E-10	7.54E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MLS513	1.91E-05	8.40E-03	1.60E-03	6.89E-03	0.00E+00	0.00E+00	9.93E-02	9.43E-08	9.14E-06	5.67E-05	0.00E+00	1.68E-04	7.59E-10	2.22E-11	1.03E-03	1.83E-05	5.66E-04	8.51E-10	1.20E-05	2.83E-03	6.52E-02	0.00E+00	8.81E-11	1.14E-10	1.33E-05	3.37E-07	8.70E-03	0.00E+00	6.52E-02	1.60E-10	6.52E-02	7.39E-02	8.70E-03	0.00E+00	0.00E+00	0.00E+00	5.12E-04
MLS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU502	3.39E-05	1.81E-02	2.75E-03	1.18E-02	0.00E+00	0.00E+00	1.69E-01	1.62E-07	1.56E-05	1.01E-04	0.00E+00	2.92E-04	1.30E-09	3.76E-11	1.74E-03	3.33E-05	9.73E-04	7.32E-09	2.11E-05	4.51E-03	1.14E-01	0.00E+00	1.57E-10	2.02E-10	2.34E-05	6.27E-07	1.53E-02	0.00E+00	1.14E-01	2.75E-10	1.14E-01	1.30E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.16E-04
MLU506	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU540	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MMN200	4.57E-05	2.05E-02	3.81E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.29E-11	2.44E-03	4.39E-05	1.35E-03	2.85E-09	2.87E-05	6.70E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.11E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
MMN201	2.75E-06	8.89E-03	5.01E-04	2.26E-03	0.00E+00	0.00E+00	3.54E-02	2.97E-08	3.29E-06	7.06E-06	0.00E+00	4.38E-05	2.47E-10	8.81E-12	3.84E-04	4.20E-08	1.79E-04	1.82E-08	2.20E-06	2.03E-03	1.36E-02	0.00E+00	1.18E-11	1.94E-11	2.15E-06	4.23E-08	1.73E-03	0.00E+00	1.36E-02	5.10E-11	1.36E-02	1.54E-02	1.73E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-05
MMN202	2.59E-05	7.04E-03	2.28E-03	9.89E-03	0.00E+00	0.00E+00	1.44E-01	1.35E-07	1.32E-05	7.64E-05	0.00E+00	2.36E-04	1.09E-09	3.25E-11	1.49E-03	2.37E-05	8.09E-04	6.74E-09	1.65E-05	4.54E-03	9.03E-02	0.00E+00	1.19E-10	1.56E-10	1.81E-05	4.18E-07	1.20E-02	0.00E+00	9.03E-02	2.29E-10	9.03E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	6.85E-04
MMN203	3.37E-05	1.27E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	9.98E-05	0.00E+00	3.01E-04	1.37E-09	4.04E-11	1.86E-03	3.18E-05	1.02E-03	2.34E-09	2.13E-05	5.34E-03	1.16E-01	0.00E+00	1.55E-10	2.02E-10	2.34E-05	5.76E-07	1.55E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.00E-04
MMN204	3.83E-05	1.57E-02	3.23E-03	1.39E-02	0.00E+00	0.00E+00	2.01E-01	1.91E-07	1.85E-05	1.13E-04	0.00E+00	3.38E-04	1.53E-09	4.50E-11	2.08E-03	3.64E-05	1.14E-03	2.97E-10	2.41E-05	5.84E-03	1.31E-01	0.00E+00	1.76E-10	2.29E-10	2.66E-05	6.65E-07	1.75E-02	0.00E+00	1.31E-01	3.24E-10	1.31E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
MMN206	4.02E-05	1.67E-02	3.39E-03	1.46E-02	0.00E+00	0.00E+00	2.11E-01	2.00E-07	1.94E-05	1.19E-04	0.00E+00	3.55E-04	1.61E-09	4.72E-11	2.18E-03	3.83E-05	1.20E-03	5.86E-11	2.53E-05	6.11E-03	1.38E-01	0.00E+00	1.85E-10	2.40E-10	2.79E-05	7.01E-07	1.83E-02	0.00E+00	1.38E-01	3.40E-10	1.38E-01	1.56E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MMN210	4.35E-05	1.90E-02	3.64E-03	1.57E-02	0.00E+00	0.00E+00	2.26E-01	2.15E-07	2.08E-05	1.29E-04	0.00E+00	3.83E-04	1.73E-09	5.06E-11	2.34E-03	4.17E-05	1.29E-03	1.76E-09	2.73E-05	6.46E-03	1.49E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.67E-07	1.98E-02	0.00E+00	1.49E-01	3.65E-10	1.49E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MMN213	5.46E-05	2.66E-02	4.49E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.65E-07	2.56E-05	1.62E-04	0.00E+00	4.74E-04	2.13E-09	6.19E-11	2.87E-03	5.30E-05	1.59E-03	7.15E-09	3.41E-05	7.66E-03	1.85E-01	0.00E+00	2.52E-10	3.25E-10	3.78E-05	9.86E-07	2.47E-02	0.00E+00	1.85E-01	4.50E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MMN216	6.78E-05	3.58E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.39E-01	3.25E-07	3.12E-05	2.02E-04	0.00E+00	5.84E-04	2.61E-09	7.54E-11	3.49E-03	6.66E-05	1.95E-03	1.40E-08	4.23E-05	9.07E-03	2.29E-01	0.00E+00	3.13E-10	4.03E-10	4.69E-05	1.25E-06	3.06E-02	0.00E+00	2.29E-01	5.52E-10	2.29E-01	2.59E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
MMN220	3.65E-05	1.41E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.94E-01	1.83E-07	1.78E-05	1.08E-04	0.00E+00	3.25E-04	1.48E-09	4.35E-11	2.00E-03	3.45E-05	1.10E-03	1.90E-09	2.30E-05	5.72E-03	1.25E-01	0.00E+00	1.68E-10	2.19E-10	2.54E-05	6.27E-07	1.67E-02	0.00E+00	1.25E-01	3.12E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.75E-04
MMN225	6.81E-05	3.59E-02	5.53E-03	2.38E-02	0.00E+00	0.00E+00	3.41E-01	3.26E-07	3.14E-05	2.03E-04	0.00E+00	5.86E-04	2.62E-09	7.57E-11	3.51E-03	6.68E-05	1.96E-03	1.40E-08	4.24E-05	9.11E-03	2.30E-01	0.00E+00	3.14E-10	4.05E-10	4.71E-05	1.26E-06	3.07E-02	0.00E+00	2.30E-01	5.54E-10	2.30E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03

MMN232	1.25E-05	2.51E-03	1.26E-03	5.53E-03	0.00E+00	0.00E+00	8.19E-02	7.48E-08	7.57E-06	3.64E-05	0.00E+00	1.26E-04	6.08E-10	1.90E-11	8.61E-04	9.89E-06	4.49E-04	1.40E-08	8.25E-06	3.15E-03	4.62E-02	0.00E+00	5.72E-11	7.73E-11	8.89E-06	1.49E-07	6.09E-03	0.00E+00	4.62E-02	1.27E-10	4.62E-02	5.23E-02	6.09E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
MMN240	5.90E-06	7.15E-03	7.55E-04	3.35E-03	0.00E+00	0.00E+00	5.10E-02	4.47E-08	4.73E-06	1.65E-05	0.00E+00	7.08E-05	3.68E-10	1.23E-11	5.45E-04	3.08E-06	2.69E-04	1.74E-08	4.16E-06	2.44E-03	2.43E-02	0.00E+00	2.64E-11	3.82E-11	4.33E-06	1.66E-08	3.15E-03	0.00E+00	2.43E-02	7.65E-11	2.43E-02	2.74E-02	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MMN250	1.58E-05	4.84E-04	1.52E-03	6.62E-03	0.00E+00	0.00E+00	9.75E-02	8.98E-08	9.00E-06	4.60E-05	0.00E+00	1.53E-04	7.29E-10	2.25E-11	1.02E-03	1.32E-05	5.39E-04	1.28E-08	1.03E-05	3.53E-03	5.70E-02	0.00E+00	7.22E-11	9.65E-11	1.11E-05	2.12E-07	7.54E-03	0.00E+00	5.70E-02	1.53E-10	5.70E-02	6.45E-02	7.54E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04
MMN263	9.14E-06	5.12E-03	1.01E-03	4.44E-03	0.00E+00	0.00E+00	6.66E-02	5.98E-08	6.16E-06	2.61E-05	0.00E+00	9.81E-05	4.88E-10	1.57E-11	7.05E-04	6.34E-06	3.59E-04	1.62E-08	6.17E-06	2.83E-03	3.51E-02	0.00E+00	4.14E-11	5.73E-11	6.56E-06	7.92E-08	4.59E-03	0.00E+00	3.51E-02	1.02E-10	3.51E-02	3.96E-02	4.59E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
MMN300	2.97E-05	4.15E-03	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.73E-01	1.61E-07	1.60E-05	8.72E-05	0.00E+00	2.79E-04	1.30E-09	3.95E-11	1.80E-03	2.61E-05	9.67E-04	1.49E-08	1.91E-05	5.84E-03	1.05E-01	0.00E+00	1.36E-10	1.80E-10	2.08E-05	4.45E-07	1.40E-02	0.00E+00	1.05E-01	2.74E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	7.78E-04
MMN301	8.09E-07	1.56E-02	4.97E-04	2.30E-03	0.00E+00	0.00E+00	3.76E-02	2.96E-08	3.51E-06	6.78E-07	0.00E+00	3.82E-05	2.51E-10	9.83E-12	4.18E-04	3.46E-06	1.79E-04	2.90E-08	1.26E-06	2.69E-03	9.49E-03	0.00E+00	2.39E-12	9.63E-12	9.40E-07	1.29E-07	1.12E-03	0.00E+00	9.49E-03	5.11E-11	9.49E-03	1.06E-02	1.12E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-05
MMN302	3.35E-05	6.90E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.78E-07	1.76E-05	9.87E-05	0.00E+00	3.10E-04	1.44E-09	4.33E-11	1.98E-03	3.01E-05	1.07E-03	1.28E-08	2.14E-05	6.23E-03	1.18E-01	0.00E+00	1.54E-10	2.03E-10	2.34E-05	5.22E-07	1.56E-02	0.00E+00	1.18E-01	3.03E-10	1.18E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.82E-04
MMN303	3.05E-05	5.28E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.75E-01	1.64E-07	1.62E-05	8.96E-05	0.00E+00	2.84E-04	1.32E-09	3.99E-11	1.83E-03	2.71E-05	9.82E-04	1.34E-08	1.95E-05	5.83E-03	1.08E-01	0.00E+00	1.40E-10	1.85E-10	2.13E-05	4.65E-07	1.43E-02	0.00E+00	1.08E-01	2.78E-10	1.08E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.00E-04
MMN304	4.31E-05	1.38E-02	3.74E-03	1.62E-02	0.00E+00	0.00E+00	2.35E-01	2.21E-07	2.16E-05	1.27E-04	0.00E+00	3.89E-04	1.78E-09	5.30E-11	2.43E-03	3.99E-05	1.33E-03	7.50E-09	2.73E-05	7.22E-03	1.49E-01	0.00E+00	1.98E-10	2.59E-10	3.00E-05	7.14E-07	1.99E-02	0.00E+00	1.49E-01	3.76E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MMN306	7.06E-05	3.31E-02	5.85E-03	2.52E-02	0.00E+00	0.00E+00	3.62E-01	3.45E-07	3.33E-05	2.10E-04	0.00E+00	6.16E-04	2.77E-09	8.08E-11	3.74E-03	6.82E-05	2.07E-03	7.01E-09	4.42E-05	1.01E-02	2.40E-01	0.00E+00	3.26E-10	4.21E-10	4.89E-05	1.27E-06	3.20E-02	0.00E+00	2.40E-01	5.86E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MMN310	7.42E-05	3.49E-02	6.14E-03	2.64E-02	0.00E+00	0.00E+00	3.80E-01	3.62E-07	3.50E-05	2.20E-04	0.00E+00	6.47E-04	2.91E-09	8.48E-11	3.92E-03	7.17E-05	2.17E-03	7.50E-09	4.64E-05	1.06E-02	2.52E-01	0.00E+00	3.42E-10	4.42E-10	5.14E-05	1.33E-06	3.37E-02	0.00E+00	2.52E-01	6.15E-10	2.52E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MMN313	3.30E-05	6.41E-03	2.98E-03	1.29E-02	0.00E+00	0.00E+00	1.89E-01	1.76E-07	1.74E-05	9.71E-05	0.00E+00	3.06E-04	1.42E-09	4.29E-11	1.96E-03	2.95E-05	1.06E-03	1.33E-08	2.11E-05	6.20E-03	1.16E-01	0.00E+00	1.52E-10	2.00E-10	2.31E-05	5.10E-07	1.54E-02	0.00E+00	1.16E-01	2.99E-10	1.16E-01	1.32E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.68E-04
MMN316	7.50E-05	3.54E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.66E-07	3.54E-05	2.23E-04	0.00E+00	6.54E-04	2.94E-09	8.57E-11	3.96E-03	7.25E-05	2.20E-03	7.89E-09	4.69E-05	1.07E-02	2.55E-01	0.00E+00	3.46E-10	4.47E-10	5.19E-05	1.35E-06	3.40E-02	0.00E+00	2.55E-01	6.22E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MMN320	7.55E-05	3.57E-02	6.25E-03	2.69E-02	0.00E+00	0.00E+00	3.87E-01	3.69E-07	3.56E-05	2.24E-04	0.00E+00	6.59E-04	2.96E-09	8.63E-11	3.99E-03	7.30E-05	2.21E-03	7.94E-09	4.73E-05	1.08E-02	2.57E-01	0.00E+00	3.48E-10	4.50E-10	5.23E-05	1.36E-06	3.43E-02	0.00E+00	2.57E-01	6.26E-10	2.57E-01	2.91E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MMN325	7.61E-05	3.61E-02	6.29E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.59E-05	2.26E-04	0.00E+00	6.63E-04	2.99E-09	8.69E-11	4.02E-03	7.36E-05	2.23E-03	8.19E-09	4.76E-05	1.08E-02	2.59E-01	0.00E+00	3.51E-10	4.54E-10	5.27E-05	1.37E-06	3.45E-02	0.00E+00	2.59E-01	6.31E-10	2.59E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MMN332	7.60E-05	3.56E-02	6.29E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.59E-05	2.26E-04	0.00E+00	6.63E-04	2.99E-09	8.70E-11	4.02E-03	7.34E-05	2.23E-03	7.51E-09	4.76E-05	1.09E-02	2.58E-01	0.00E+00	3.50E-10	4.53E-10	5.26E-05	1.36E-06	3.45E-02	0.00E+00	2.58E-01	6.31E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MMN340	7.95E-05	3.80E-02	6.57E-03	2.83E-02	0.00E+00	0.00E+00	4.07E-01	3.87E-07	3.74E-05	2.36E-04	0.00E+00	6.93E-04	3.12E-09	9.06E-11	4.19E-03	7.70E-05	2.32E-03	9.15E-09	4.98E-05	1.13E-02	2.70E-01	0.00E+00	3.67E-10	4.74E-10	5.51E-05	1.43E-06	3.61E-02	0.00E+00	2.70E-01	6.58E-10	2.70E-01	3.06E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
MMN350	7.62E-05	3.56E-02	6.32E-03	2.72E-02	0.00E+00	0.00E+00	3.91E-01	3.73E-07	3.60E-05	2.26E-04	0.00E+00	6.66E-04	3.00E-09	8.73E-11	4.04E-03	7.36E-05	2.24E-03	7.18E-09	4.77E-05	1.10E-02	2.59E-01	0.00E+00	3.52E-10	4.54E-10	5.28E-05	1.36E-06	3.46E-02	0.00E+00	2.59E-01	6.33E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MMN363	7.47E-05	3.45E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.22E-04	0.00E+00	6.53E-04	2.95E-09	8.59E-11	3.97E-03	7.20E-05	2.20E-03	6.28E-09	4.68E-05	1.08E-02	2.54E-01	0.00E+00	3.45E-10	4.46E-10	5.18E-05	1.33E-06	3.39E-02	0.00E+00	2.54E-01	6.22E-10	2.54E-01	2.88E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MMN400	3.40E-05	1.79E-03	3.19E-03	1.39E-02	0.00E+00	0.00E+00	2.04E-01	1.89E-07	1.88E-05	9.94E-05	0.00E+00	3.24E-04	1.53E-09	4.68E-11	2.13E-03	2.91E-05	1.13E-03	2.24E-08	2.19E-05	7.15E-03	1.22E-01	0.00E+00	1.56E-10	2.07E-10	2.39E-05	4.82E-07	1.61E-02	0.00E+00	1.22E-01	3.21E-10	1.22E-01	1.38E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	8.83E-04
MMN401	9.74E-06	1.48E-02	1.33E-03	5.91E-03	0.00E+00	0.00E+00	9.05E-02	7.87E-08	8.39E-06	2.68E-05	0.00E+00	1.23E-04	6.49E-10	2.19E-11	9.70E-04	4.27E-06	4.74E-04	3.43E-08	7.01E-06	4.52E-03	4.13E-02	0.00E+00	4.33E-11	6.39E-11	7.21E-06	1.74E-10	5.34E-03	0.00E+00	4.13E-02	1.35E-10	4.13E-02	4.66E-02	5.34E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MMN402	5.58E-06	1.75E-02	1.00E-03	4.51E-03	0.00E+00	0.00E+00	7.06E-02	5.95E-08	6.57E-06	1.44E-05	0.00E+00	8.78E-05	4.95E-10	1.76E-11	7.66E-04	6.20E-08	3.59E-04	3.60E-08	4.44E-06	4.04E-03	2.74E-02	0.00E+00	2.40E-11	3.93E-11	4.34E-06	8.08E-08	3.48E-03	0.00E+00	2.74E-02	1.02E-10	2.74E-02	3.09E-02	3.48E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
MMN403	3.41E-05	2.60E-03	3.18E-03	1.38E-02	0.00E+00	0.00E+00	2.03E-01	1.88E-07	1.87E-05	9.98E-05	0.00E+00	3.24E-04	1.52E-09	4.65E-11	2.12E-03	2.94E-05	1.13E-03	2.10E-08	2.20E-05	7.04E-03	1.22E-01	0.00E+00	1.56E-10	2.07E-10	2.39E-05	4.90E-07	1.61E-02	0.00E+00	1.22E-01	3.20E-10	1.22E-01	1.38E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	8.87E-04
MMN404	1.42E-04	7.79E-02	1.15E-02	4.94E-02	0.00E+00	0.00E+00	7.08E-01	6.79E-07	6.51E-05	4.24E-04	0.00E+00	1.22E-03	5.45E-09	1.57E-10	7.28E-03	1.41E-04	4.07E-03	3.41E-08	8.87E-05	1.86E-02	4.80E-01	0.00E+00	6.58E-10	8.46E-10	9.84E-05	2.65E-06	6.41E-02	0.00E+00	4.80E-01	1.15E-09	4.80E-01	5.44E-01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
MMN406	4.04E-05	6.08E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.56E-05	1.31E-03	1.94E-08	2.59E-05	7.86E-03	1.43E-01	0.00E+00	1.85E-10	2.45E-10	2.83E-05	6.08E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
MMN410	4.70E-05	1.07E-02	4.20E-03	1.82E-02	0.00E+00	0.00E+00	2.65E-01	2.48E-07	2.44E-05	1.38E-04	0.00E+00	4.33E-04	2.00E-09	6.02E-11	2.76E-03	4.24E-05	1.49E-03	1.60E-08	3.00E-05	8.57E-03	1.65E-01	0.00E+00	2.16E-10	2.84E-10	3.29E-05	7.41E-07	2.19E-02	0.00E+00	1.65E-01	4.22E-10	1.65E-01	1.87E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
MMN413	4.37E-05	8.40E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.50E-01	2.33E-07	2.30E-05	1.29E-04	0.00E+00	4.05E-04	1.88E-09	5.68E-11	2.60E-03	3.90E-05	1.40E-03	1.77E-08	2.79E-05	8.22E-03	1.54E-01	0.00E+00	2.01E-10	2.64E-10	3.06E-05	6.74E-07	2.04E-02	0.00E+00	1.54E-01	3.97E-10	1.54E-01	1.74E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
MMN416	1.07E-05	1.42E-02	1.40E-03	6.22E-03	0.00E+00	0.00E+00	9.49E-02	8.29E-08	8.79E-06	2.96E-05	0.00E+00	1.31E-04	6.82E-10	2.29E-11	1.01E-03	5.22E-06	4.99E-04	3.38E-08	7.58E-06	4.62E-03	4.44E-02	0.00E+00	4.76E-11	6.94E-11	7.85E-06	1.85E-08	5.75E-03	0.00E+00	4.44E-02	1.42E-10	4.44E-02	5.01E-02	5.75E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MMN420	2.71E-05	3.19E-03	2.67E-03	1.17E-02	0.00E+00	0.00E+00	1.72E-01	1.58E-07	1.59E-05	7.88E-05	0.00E+00	2.68E-04	1.28E-09	3.99E-11	1.81E-03	2.20E-05	9.49E-04	2.62E-08	1.77E-05	6.45E-03	9.89E-02	0.00E+00	1.24E-10	1.66E-10	1.92E-05	3.43E-07	1.31E-02	0.00E+00	9.89E-02	2.69E-10	9.89E-02	1.12E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-04
MMN425	8.74E-06	1.57E-02	1.26E-03	5.61E-03	0.00E+00	0.00E+00	8.63E-02	7.45E-08	8.01E-06	2.38E-05	0.00E+00	1.15E-04	6.15E-10	2.10E-11	9.27E-04	3.18E-06	4.49E-04	3.52E-08	6.40E-06	4.45E-03	3.81E-02	0.00E+00	3.86E-11	5.80E-11	6.52E-06	2.19E-08	4.90E-03	0.00E+00	3.81E-02	1.28E-10	3.81E-02	4.30E-02	4.90E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MMN432	5.57E-05	1.59E-02	4.89E-03	2.12E-02	0.00E+00	0.00E+00	3.08E-01	2.89E-07	2.83E-05	1.64E-04	0.00E+00	5.07E-04	2.33E-09	6.95E-11	3.19E-03	5.11E-05	1.73E-03	1.32E-08	3.54E-05	9.65E-03	1.94E-01	0.00E+00	2.56E-10	3.35E-10	3.89E-05	9.07E-07	2.58E-02	0.00E+00	1.94E-01	4.91E-10	1.94E-01	2.20E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MMN440	3.02E-05	1.73E-03	2.93E-03	1.28E-02	0.00E+00	0.00E+00	1.88E-01	1.73E-07	1.74E-05	8.79E-05	0.00E+00	2.94E-04	1.40E-09	4.34E-11	1.97E-03	2.49E-05	1.04E-03	2.59E-08	1.96E-05	6.89E-03	1.09E-01	0.00E+00	1.38E-10	1.85E-10	2.13E-05	3.98E-07	1.44E-02	0.00E+00	1.09E-01	2.95E-10	1.09E-01	1.24E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	7.77E-04
MMN450	4.58E-05	8.77E-03	4.14E-03	1.79E-02	0.00E+00	0.00E+00	2.62E-01	2.44E-07	2.41E-05	1.35E-04	0.00E+00	4.25E-04	1.98E-09	5.95E-11	2.72E-03	4.09E-05	1.47E-03	1.86E-08	2.93E-05	8.62E-03	1.61E-01	0.00E+00	2.10E-10	2.77E-10	3.20E-05	7.07E-07	2.14E-02	0.00E+00	1.61E-01	4.16E-10	1.61E-01	1.83E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MMN463	3.34E-05	1.25E-04	3.18E-03	1.39E-02	0.00E+00	0.00E+00	2.04E-01	1.88E-07	1.88E-05	9.74E-05	0.00E+00	3.22E-04	1.52E-09	4.69E-11	2.13E-03	2.81E-05	1.13E-03	2.49E-08	2.16E-05	7.29E-03	1.20E-01	0.00E+00	1.53E-10	2.04E-10	2.35E-05	4.58E-07	1.59E-02	0.00E+00	1.20E-01	3.20E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	8.63E-04
MN110P	2.41E-05	1.15E-02	1.99E-03	8.57E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.16E-05	0.00E+00	2.10E-04	9.45E-10	2.75E-11	1.27E-03	2.33E-05	7.04E-04	2.78E-09	1.51E-05	3.42E-03	8.19E-02	0.00E+00	1.11E-10	1.44E-10	1.67E-05	4.34E-07	1.09E-02	0.00E+00	8.19E-02	2.00E-10	8.19E-02	9.28E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.48E-04
MN110V3	1.89E-06	6.56E-03	4.11E-06	3.81E-05	0.00E+00	0.00E+00	2.16E-03	1.46E-10	2.17E-07	6.22E-06	0.00E+00	5.45E-06	3.39E-12	9.93E-13	3.29E-05	3.33E-06	3.49E-07	1.05E-08	9.17E-07	6.43E-04	4.04E-03	0.00E+00	9.19E-12	9.56E-12	1.17E-06	8.49E-08	5.91E-04	0.00E+00	4.04E-03	4.50E-14	4.04E-03	4.63E-03	5.91E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-05
MN116P	2.90E-05	1.49E-02	2.36E-03	1.02E-02	0.00E+00	0.00E+00	1.46E-01	1.40E-07	1.34E-05	8.61E-05	0.00E+00	2.50E-04	1.12E-09	3.25E-11	1.50E-03	2.83E-05	8.37E-04	5.16E-09	1.81E-05	3.95E-03	9.80E-02	0.00E+00	1.34E-10	1.72E-10	2.00E-05	5.30E-07	1.31E-02	0.00E+00	9.80E-02	2.37E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
MN116V3	1.89E-06	6.56E-03	4.11E-06	3.81E-05	0.00E+00	0.00E+00	2.16E-03	1.46E-10	2.17E-07	6.22E-06	0.00E+00	5.45E-06	3.39E-12	9.93E-13	3.29E-05	3.33E-06	3.49E-07	1.05E-08	9.17E-07	6.43E-04	4.04E-03	0.00E+00	9.19E-12	9.56E-12	1.17E-06	8.49E-08	5.91E-04	0.00E+00	4.04E-03	4.50E-14	4.04E-03	4.63E-03	5.91E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-05
MN120P	2.53E-05	1.22E-02	2.09E-03	9.00E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.19E-05	7.53E-05	0.00E+00	2.21E-04	9.92E-10	2.88E-11	1.33E-03	2.46E-05	7.40E-04	3.14E-09	1.59E-05	3.58E-03	8.60E-02	0.00E+00	1.17E-10	1.51E-10	1.75E-05	4.57E-07	1.15E-02	0.00E+00	8.60E-02	2.09E-10	8.60E-02	9.75E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
MN120V	1.16E-05	2.89E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.42E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.75E-04	1.05E-05	3.65E-04	3.51E-09	7.39E-06	2.08E-03	4.06E-02	0.00E+00	5.33E-11	7.00E-11	8.10E-06	1.85E-07	5.39E-03	0.00E+00	4.06E-02	1.03E-10	4.06E-02	4.59E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MN120V1	1.96E-06	6.79E-03	4.25E-06	3.95E-05	0.00E+00	0.00E+00	2.23E-03	1.51E-10	2.25E-07	6.44E-06	0.00E+00	5.64E-06	3.50E-12	1.03E-12	3.40E-05	3.45E-06	3.61E-07	1.09E-08	9.49E-07	6.66E-04	4.18E-03	0.00E+00	9.52E-12	9.90E-12	1.22E-06	8.78E-08	6.11E-04	0.00E+00	4.18E-03	4.70E-14	4.18E-03	4.79E-03	6.11E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05
MN125P	2.70E-05	1.34E-02	2.22E-03	9.56E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.04E-05	0.00E+00	2.35E-04	1.05E-09	3.06E-11	1.42E-03	2.63E-05	7.86E-04	3.88E-09	1.69E-05	3.77E-03	9.17E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.91E-07	1.22E-02	0.00E+00	9.17E-02	2.23E-10	9.17E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.28E-04
MN125V1	1.96E-06	6.79E-03	4.25E-06	3.95E-05	0.00E+00	0.00E+00	2.23E-03	1.51E-10	2.25E-07	6.44E-06	0.00E+00	5.64E-06	3.50E-12	1.03E-12	3.40E-05	3.45E-06	3.61E-07	1.09E-08	9.49E-07	6.66E-04	4.18E-03	0.00E+00	9.52E-12	9.90E-12	1.22E-06	8.78E-08	6.11E-04	0.00E+00	4.18E-03	4.70E-14	4.18E-03	4.79E-03	6.11E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05
MN132P	2.73E-05	1.34E-02	2.24E-03	9.66E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.12E-05	0.00E+00	2.37E-04	1.06E-09	3.09E-11	1.43E-03	2.65E-05	7.94E-04	3.84E-09	1.71E-05	3.81E-03	9.26E-02	0.00E+00	1.26E-10	1.63E-10	1.89E-05	4.95E-07	1.24E-02	0.00E+00	9.26E-02	2.25E-10	9.26E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.35E-04
MN132Z	2.84E-05	1.39E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.44E-01	1.38E-07	1.33E-05	8.42E-05	0.00E+00	2.46E-04	1.11E-09	3.21E-11	1.49E-03	2.76E-05	8.25E-04	3.93E-09	1.77E-05	3.96E-03	9.62E-02	0.00E+00	1.31E-10	1.69E-10	1.96E-05	5.14E-07	1.28E-02	0.00E+00	9.62E-02	2.34E-10	9.62E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.63E-04
MN140P	2.70E-05	1.32E-02	2.22E-03	9.57E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.03E-05	0.00E+00	2.35E-04	1.05E-09	3.06E-11	1.42E-03	2.62E-05	7.86E-04	3.70E-09	1.69E-05	3.78E-03	9.16E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.89E-07	1.22E-02	0.00E+00	9.16E-02	2.23E-10	9.16E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
MN140Z	2.50E-05	1.17E-02	2.08E-03	8.95E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.18E-05	7.44E-05	0.00E+00	2.19E-04	9.86E-10	2.87E-11	1.33E-03	2.42E-05	7.35E-04	2.32E-09	1.57E-05	3.60E-03	8.52E-02	0.00E+00	1.16E-10	1.49E-10	1.74E-05	4.48E-07	1.14E-02	0.00E+00	8.52E-02	2.08E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.73E-04
MN150Z	2.34E-05	1.02E-02	1.96E-03	8.45E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	6.94E-05	0.00E+00	2.06E-04	9.31E-10	2.72E-11	1.26E-03	2.24E-05	6.94E-04	9.33E-10	1.47E-05	3.48E-03	7.99E-02	0.00E+00	1.08E-10	1.40E-10	1.62E-05	4.13E-07	1.07E-02	0.00E+00	7.99E-02	1.96E-10	7.99E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.27E-04
MN163Z	2.71E-05	1.27E-02	2.24E-03	9.66E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.04E-05	0.00E+00	2.36E-04	1.06E-09	3.10E-11	1.43E-03	2.62E-05	7.94E-04	2.72E-09	1.70E-05	3.88E-03	9.21E-02	0.00E+00	1.25E-10	1.61E-10	1.88E-05	4.85E-07	1.23E-02	0.00E+00	9.21E-02	2.25E-10	9.21E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.28E-04
MN206V	1.59E-05	2.54E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.65E-05	0.00E+00	1.53E-04	7.25E-10	2.22E-11	1.01E-03	1.35E-05	5.37E-04	1.15E-08	1.03E-05	3.44E-03	5.72E-02	0.00E+00	7.28E-11	9.71E-11	1.12E-05	2.20E-07	7.57E-03	0.00E+00	5.72E-02	1.52E-10	5.72E-02	6.47E-02	7.57E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
MN210V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN210V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN216V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN216V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN220V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN220V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN225V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN225V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN225Z	2.39E-05	6.16E-03	2.11E-03	9.15E-03	0.00E+00	0.00E+00	1.33E-01	1.25E-07	1.23E-05	7.04E-05	0.00E+00	2.18E-04	1.01E-09	3.02E-11	1.38E-03	2.17E-05	7.49E-04	6.81E-09	1.52E-05	4.24E-03	8.33E-02	0.00E+00	1.10E-10	1.44E-10	1.67E-05	3.83E-07	1.11E-02	0.00E+00	8.33E-02	2.12E-10	8.33E-02	9.44E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.31E-04
MN232V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN232V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN232Z	3.78E-05	1.49E-02	3.21E-03	1.38E-02	0.00E+00	0.00E+00	2.00E-01	1.89E-07	1.84E-05	1.12E-04	0.00E+00	3.35E-04	1.52E-09	4.48E-11	2.07E-03	3.57E-05	1.14E-03	1.46E-09	2.38E-05	5.87E-03	1.30E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.51E-07	1.73E-02	0.00E+00	1.30E-01	3.22E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MN240V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN240V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN250Z	9.89E-06	5.21E-03	1.08E-03	4.76E-03	0.00E+00	0.00E+00	7.13E-02	6.41E-08	6.59E-06	2.83E-05	0.00E+00	1.05E-04	5.23E-10	1.68E-11	7.54E-04	6.94E-06	3.85E-04	1.69E-08	6.65E-06	3.00E-03	3.78E-02	0.00E+00	4.48E-11	6.19E-11	7.08E-06	8.86E-08	4.95E-03	0.00E+00	3.78E-02	1.09E-10	3.78E-02	4.27E-02	4.95E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MN263Z	1.65E-05	7.14E-04	1.59E-03	6.93E-03	0.00E+00	0.00E+00	1.02E-01	9.40E-08	9.42E-06	4.80E-05	0.00E+00	1.60E-04	7.63E-10	2.35E-11	1.07E-03	1.37E-05	5.64E-04	1.37E-08	1.07E-05	3.72E-03	5.95E-02	0.00E+00	7.52E-11	1.01E-10	1.16E-05	2.19E-07	7.87E-03	0.00E+00	5.95E-02	1.60E-10	5.95E-02	6.74E-02	7.87E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
MN306Z	2.28E-05	1.10E-03	2.14E-03	9.33E-03	0.00E+00	0.00E+00	1.37E-01	1.27E-07	1.26E-05	6.66E-05	0.00E+00	2.17E-04	1.03E-09	3.14E-11	1.43E-03	1.95E-05	7.61E-04	1.52E-08	1.47E-05	4.81E-03	8.15E-02	0.00E+00	1.04E-10	1.39E-10	1.60E-05	3.22E-07	1.08E-02	0.00E+00	8.15E-02	2.16E-10	8.15E-02	9.23E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	5.91E-04
MN310Z	2.37E-05	1.64E-03	2.22E-03	9.64E-03	0.00E+00	0.00E+00	1.41E-01	1.31E-07	1.30E-05	6.93E-05	0.00E+00	2.25E-04	1.06E-09	3.24E-11	1.48E-03	2.04E-05	7.87E-04	1.49E-08	1.53E-05	4.92E-03	8.46E-02	0.00E+00	1.09E-10	1.44E-10	1.66E-05	3.39E-07	1.12E-02	0.00E+00	8.46E-02	2.23E-10	8.46E-02	9.58E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MN320Z	2.25E-05	4.95E-04	2.13E-03	9.29E-03	0.00E+00	0.00E+00	1.36E-01	1.26E-07	1.26E-05	6.57E-05	0.00E+00	2.16E-04	1.02E-09	3.13E-11	1.43E-03	1.91E-05	7.57E-04	1.61E-08	1.46E-05	4.84E-03	8.07E-02	0.00E+00	1.03E-10	1.37E-10	1.58E-05	3.13E-07	1.07E-02	0.00E+00	8.07E-02	2.15E-10	8.07E-02	9.14E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	5.83E-04
MN332Z	5.49E-05	2.12E-02	4.67E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.76E-07	2.68E-05	1.62E-04	0.00E+00	4.88E-04	2.22E-09	6.54E-11	3.01E-03	5.18E-05	1.65E-03	2.93E-09	3.46E-05	8.61E-03	1.89E-01	0.00E+00	2.53E-10	3.29E-10	3.81E-05	9.42E-07	2.51E-02	0.00E+00	1.89E-01	4.68E-10	1.89E-01	2.14E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MN340Z	2.84E-05	3.08E-03	2.63E-03	1.14E-02	0.00E+00	0.00E+00	1.67E-01	1.55E-07	1.54E-05	8.33E-05	0.00E+00	2.68E-04	1.26E-09	3.83E-11	1.75E-03	2.48E-05	9.33E-04	1.58E-08	1.83E-05	5.73E-03	1.01E-01	0.00E+00	1.30E-10	1.73E-10	1.99E-05	4.17E-07	1.34E-02	0.00E+00	1.01E-01	2.65E-10	1.01E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.42E-04
MN363Z	2.63E-05	1.57E-04	2.51E-03	1.09E-02	0.00E+00	0.00E+00	1.61E-01	1.48E-07	1.48E-05	7.68E-05	0.00E+00	2.54E-04	1.20E-09	3.69E-11	1.68E-03	2.22E-05	8.90E-04	1.96E-08	1.71E-05	5.74E-03	9.46E-02	0.00E+00	1.20E-10	1.61E-10	1.85E-05	3.62E-07	1.25E-02	0.00E+00	9.46E-02	2.52E-10	9.46E-02	1.07E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	6.81E-04
MN463Z	4.73E-05	8.41E-03	4.28E-03	1.86E-02	0.00E+00	0.00E+00	2.71E-01	2.53E-07	2.50E-05	1.39E-04	0.00E+00	4.39E-04	2.05E-09	6.18E-11	2.82E-03	4.20E-05	1.52E-03	2.03E-08	3.02E-05	8.99E-03	1.66E-01	0.00E+00	2.17E-10	2.86E-10	3.31E-05	7.23E-07	2.21E-02	0.00E+00	1.66E-01	4.31E-10	1.66E-01	1.89E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
MN506V	2.00E-05	3.93E-03	1.80E-03	7.82E-03	0.00E+00	0.00E+00	1.14E-01	1.07E-07	1.05E-05	5.88E-05	0.00E+00	1.85E-04	8.61E-10	2.59E-11	1.19E-03	1.79E-05	6.39E-04	7.94E-09	1.28E-05	3.75E-03	7.03E-02	0.00E+00	9.18E-11	1.21E-10	1.40E-05	3.09E-07	9.34E-03	0.00E+00	7.03E-02	1.81E-10	7.03E-02	7.97E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MN510V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN510V7	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN516V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN516V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN520V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN520V7	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN525V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN525V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN532V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN532V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN540V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04

MN540V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN906V	1.83E-05	7.76E-03	1.54E-03	6.64E-03	0.00E+00	0.00E+00	9.58E-02	9.09E-08	8.81E-06	5.43E-05	0.00E+00	1.62E-04	7.32E-10	2.14E-11	9.90E-04	1.75E-05	5.45E-04	2.96E-10	1.15E-05	2.76E-03	6.27E-02	0.00E+00	8.45E-11	1.09E-10	1.27E-05	3.21E-07	8.36E-03	0.00E+00	6.27E-02	1.54E-10	6.27E-02	7.10E-02	8.36E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
MN910V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN916V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN920V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN925V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN932V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN940V	2.27E-05	1.06E-02	1.88E-03	8.11E-03	0.00E+00	0.00E+00	1.17E-01	1.11E-07	1.07E-05	6.75E-05	0.00E+00	1.98E-04	8.94E-10	2.60E-11	1.20E-03	2.20E-05	6.67E-04	2.20E-09	1.42E-05	3.26E-03	7.73E-02	0.00E+00	1.05E-10	1.36E-10	1.57E-05	4.07E-07	1.03E-02	0.00E+00	7.73E-02	1.89E-10	7.73E-02	8.76E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.11E-04
MNN106P	2.58E-05	1.25E-02	2.12E-03	9.14E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.65E-05	0.00E+00	2.24E-04	1.01E-09	2.93E-11	1.35E-03	2.50E-05	7.51E-04	3.25E-09	1.61E-05	3.63E-03	8.74E-02	0.00E+00	1.19E-10	1.53E-10	1.78E-05	4.65E-07	1.17E-02	0.00E+00	8.74E-02	2.13E-10	8.74E-02	9.91E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.93E-04
MNN110P	3.35E-05	1.80E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.67E-01	1.60E-07	1.54E-05	9.97E-05	0.00E+00	2.88E-04	1.28E-09	3.70E-11	1.72E-03	3.30E-05	9.59E-04	7.53E-09	2.09E-05	4.43E-03	1.13E-01	0.00E+00	1.55E-10	1.99E-10	2.31E-05	6.21E-07	1.51E-02	0.00E+00	1.13E-01	2.72E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	9.05E-04
MNN116P	2.13E-05	9.51E-03	1.78E-03	7.68E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.33E-05	0.00E+00	1.87E-04	8.46E-10	2.47E-11	1.14E-03	2.05E-05	6.31E-04	1.18E-09	1.34E-05	3.14E-03	7.28E-02	0.00E+00	9.84E-11	1.27E-10	1.48E-05	3.78E-07	9.71E-03	0.00E+00	7.28E-02	1.79E-10	7.28E-02	8.25E-02	9.71E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MNN120P	2.13E-05	9.51E-03	1.78E-03	7.68E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.33E-05	0.00E+00	1.87E-04	8.46E-10	2.47E-11	1.14E-03	2.05E-05	6.31E-04	1.18E-09	1.34E-05	3.14E-03	7.28E-02	0.00E+00	9.84E-11	1.27E-10	1.48E-05	3.78E-07	9.71E-03	0.00E+00	7.28E-02	1.79E-10	7.28E-02	8.25E-02	9.71E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MNN125P	2.54E-05	1.21E-02	2.09E-03	9.02E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.19E-05	7.53E-05	0.00E+00	2.21E-04	9.94E-10	2.89E-11	1.34E-03	2.46E-05	7.41E-04	2.89E-09	1.59E-05	3.60E-03	8.62E-02	0.00E+00	1.17E-10	1.51E-10	1.76E-05	4.56E-07	1.15E-02	0.00E+00	8.62E-02	2.10E-10	8.62E-02	9.77E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
MNN132P	2.45E-05	1.14E-02	2.03E-03	8.75E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.27E-05	0.00E+00	2.14E-04	9.64E-10	2.81E-11	1.30E-03	2.37E-05	7.19E-04	2.31E-09	1.53E-05	3.52E-03	8.33E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.38E-07	1.11E-02	0.00E+00	8.33E-02	2.04E-10	8.33E-02	9.45E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MNN140P	2.55E-05	1.21E-02	2.11E-03	9.09E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.20E-05	7.58E-05	0.00E+00	2.23E-04	1.00E-09	2.91E-11	1.35E-03	2.47E-05	7.47E-04	2.81E-09	1.60E-05	3.63E-03	8.67E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.59E-07	1.16E-02	0.00E+00	8.67E-02	2.12E-10	8.67E-02	9.83E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
MNU106P	2.75E-05	1.37E-02	2.25E-03	9.69E-03	0.00E+00	0.00E+00	1.39E-01	1.33E-07	1.28E-05	8.17E-05	0.00E+00	2.38E-04	1.07E-09	3.10E-11	1.43E-03	2.68E-05	7.97E-04	4.26E-09	1.72E-05	3.80E-03	9.31E-02	0.00E+00	1.27E-10	1.64E-10	1.90E-05	5.00E-07	1.24E-02	0.00E+00	9.31E-02	2.26E-10	9.31E-02	1.06E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
MNU110P	2.52E-05	1.23E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.49E-05	0.00E+00	2.19E-04	9.84E-10	2.86E-11	1.32E-03	2.45E-05	7.34E-04	3.32E-09	1.58E-05	3.54E-03	8.55E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.56E-07	1.14E-02	0.00E+00	8.55E-02	2.08E-10	8.55E-02	9.69E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.78E-04
MNU116P	2.29E-05	1.07E-02	1.90E-03	8.18E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.80E-05	0.00E+00	2.00E-04	9.01E-10	2.63E-11	1.21E-03	2.21E-05	6.72E-04	2.20E-09	1.43E-05	3.29E-03	7.79E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.10E-07	1.04E-02	0.00E+00	7.79E-02	1.90E-10	7.79E-02	8.83E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MNU120P	2.47E-05	1.18E-02	2.04E-03	8.77E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.32E-05	0.00E+00	2.15E-04	9.66E-10	2.81E-11	1.30E-03	2.39E-05	7.21E-04	2.80E-09	1.54E-05	3.50E-03	8.37E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.43E-07	1.12E-02	0.00E+00	8.37E-02	2.04E-10	8.37E-02	9.49E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04
MNU125P	2.51E-05	1.20E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.46E-05	0.00E+00	2.19E-04	9.84E-10	2.86E-11	1.32E-03	2.43E-05	7.34E-04	2.95E-09	1.57E-05	3.56E-03	8.53E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.53E-07	1.14E-02	0.00E+00	8.53E-02	2.08E-10	8.53E-02	9.67E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.76E-04
MNU132P	2.54E-05	1.21E-02	2.09E-03	9.02E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.19E-05	7.53E-05	0.00E+00	2.21E-04	9.94E-10	2.89E-11	1.34E-03	2.46E-05	7.41E-04	2.89E-09	1.59E-05	3.60E-03	8.62E-02	0.00E+00	1.17E-10	1.51E-10	1.76E-05	4.56E-07	1.15E-02	0.00E+00	8.62E-02	2.10E-10	8.62E-02	9.77E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
MNU140P	2.65E-05	1.29E-02	2.18E-03	9.39E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.24E-05	7.87E-05	0.00E+00	2.30E-04	1.03E-09	3.01E-11	1.39E-03	2.57E-05	7.72E-04	3.44E-09	1.66E-05	3.72E-03	8.99E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.79E-07	1.20E-02	0.00E+00	8.99E-02	2.19E-10	8.99E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MNU216K	5.60E-05	2.88E-02	4.57E-03	1.97E-02	0.00E+00	0.00E+00	2.82E-01	2.70E-07	2.60E-05	1.67E-04	0.00E+00	4.84E-04	2.17E-09	6.28E-11	2.91E-03	5.48E-05	1.62E-03	1.01E-08	3.50E-05	7.63E-03	1.90E-01	0.00E+00	2.59E-10	3.33E-10	3.88E-05	1.03E-06	2.53E-02	0.00E+00	1.90E-01	4.58E-10	1.90E-01	2.15E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MNU220K	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MNU225K	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MNU232K	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MNU240K	4.88E-05	2.26E-02	4.05E-03	1.74E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.45E-04	0.00E+00	4.26E-04	1.92E-09	5.60E-11	2.59E-03	4.70E-05	1.43E-03	4.24E-09	3.05E-05	7.04E-03	1.66E-01	0.00E+00	2.25E-10	2.91E-10	3.38E-05	8.71E-07	2.21E-02	0.00E+00	1.66E-01	4.06E-10	1.66E-01	1.88E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MNU250K	4.98E-05	2.25E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.36E-04	1.97E-09	5.75E-11	2.66E-03	4.79E-05	1.47E-03	3.41E-09	3.12E-05	7.27E-03	1.70E-01	0.00E+00	2.30E-10	2.97E-10	3.45E-05	8.85E-07	2.26E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MNU263K	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MP120E	1.15E-05	2.43E-03	1.03E-03	4.49E-03	0.00E+00	0.00E+00	6.54E-02	6.11E-08	6.03E-06	3.39E-05	0.00E+00	1.06E-04	4.94E-10	1.49E-11	6.80E-04	1.03E-05	3.67E-04	4.28E-09	7.36E-06	2.13E-03	4.05E-02	0.00E+00	5.29E-11	6.96E-11	8.06E-06	1.80E-07	5.37E-03	0.00E+00	4.05E-02	1.04E-10	4.05E-02	4.58E-02	5.37E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
MP215P	4.68E-07	1.06E-02	3.30E-04	1.53E-03	0.00E+00	0.00E+00	2.51E-02	1.97E-08	2.34E-06	2.19E-07	0.00E+00	2.52E-05	1.67E-10	6.57E-12	2.79E-04	2.42E-06	1.19E-04	1.97E-08	8.01E-07	1.82E-03	6.16E-03	0.00E+00	1.24E-12	6.04E-12	5.81E-07	8.92E-08	7.23E-04	0.00E+00	6.16E-03	3.40E-11	6.16E-03	6.88E-03	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-05
MP220P	1.42E-05	1.21E-03	1.39E-03	6.07E-03	0.00E+00	0.00E+00	8.96E-02	8.23E-08	8.27E-06	4.15E-05	0.00E+00	1.40E-04	6.68E-10	2.07E-11	9.40E-04	1.17E-05	4.94E-04	1.29E-08	9.29E-06	3.31E-03	5.18E-02	0.00E+00	6.51E-11	8.73E-11	1.01E-05	1.84E-07	6.84E-03	0.00E+00	5.18E-02	1.40E-10	5.18E-02	5.86E-02	6.84E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
MP225P	1.42E-05	1.21E-03	1.39E-03	6.07E-03	0.00E+00	0.00E+00	8.96E-02	8.23E-08	8.27E-06	4.15E-05	0.00E+00	1.40E-04	6.68E-10	2.07E-11	9.40E-04	1.17E-05	4.94E-04	1.29E-08	9.29E-06	3.31E-03	5.18E-02	0.00E+00	6.51E-11	8.73E-11	1.01E-05	1.84E-07	6.84E-03	0.00E+00	5.18E-02	1.40E-10	5.18E-02	5.86E-02	6.84E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
MR106	1.70E-05	6.28E-03	1.45E-03	6.26E-03	0.00E+00	0.00E+00	9.06E-02	8.56E-08	8.34E-06	5.02E-05	0.00E+00	1.51E-04	6.90E-10	2.04E-11	9.38E-04	1.59E-05	5.14E-04	1.37E-09	1.07E-05	2.70E-03	5.84E-02	0.00E+00	7.81E-11	1.02E-10	1.18E-05	2.89E-07	7.78E-03	0.00E+00	5.84E-02	1.46E-10	5.84E-02	6.62E-02	7.78E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-04
MR110	2.24E-05	1.06E-02	1.86E-03	7.99E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.66E-05	0.00E+00	1.96E-04	8.81E-10	2.56E-11	1.19E-03	2.17E-05	6.57E-04	2.39E-09	1.40E-05	3.20E-03	7.63E-02	0.00E+00	1.04E-10	1.34E-10	1.55E-05	4.03E-07	1.02E-02	0.00E+00	7.63E-02	1.86E-10	7.63E-02	8.64E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-04
MR116	2.53E-05	1.25E-02	2.08E-03	8.96E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.18E-05	7.53E-05	0.00E+00	2.20E-04	9.88E-10	2.87E-11	1.33E-03	2.46E-05	7.37E-04	3.64E-09	1.58E-05	3.53E-03	8.59E-02	0.00E+00	1.17E-10	1.51E-10	1.75E-05	4.60E-07	1.15E-02	0.00E+00	8.59E-02	2.09E-10	8.59E-02	9.74E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
MR120	2.60E-05	1.29E-02	2.14E-03	9.20E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.74E-05	0.00E+00	2.26E-04	1.01E-09	2.94E-11	1.36E-03	2.53E-05	7.57E-04	3.81E-09	1.63E-05	3.62E-03	8.83E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.73E-07	1.18E-02	0.00E+00	8.83E-02	2.14E-10	8.83E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
MR125	8.06E-06	4.26E-04	7.58E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.46E-06	2.36E-05	0.00E+00	7.69E-05	3.63E-10	1.11E-11	5.05E-04	6.90E-06	2.69E-04	5.30E-09	5.20E-06	1.70E-03	2.88E-02	0.00E+00	3.69E-11	4.91E-11	5.66E-06	1.14E-07	3.82E-03	0.00E+00	2.88E-02	7.62E-11	2.88E-02	3.26E-02	3.82E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MR132	2.43E-05	1.11E-02	2.02E-03	8.72E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.22E-05	0.00E+00	2.13E-04	9.61E-10	2.80E-11	1.30E-03	2.34E-05	7.16E-04	1.80E-09	1.52E-05	3.54E-03	8.28E-02	0.00E+00	1.12E-10	1.45E-10	1.69E-05	4.33E-07	1.11E-02	0.00E+00	8.28E-02	2.03E-10	8.28E-02	9.39E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.53E-04
MR202	4.40E-05	1.96E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.86E-04	1.74E-09	5.09E-11	2.35E-03	4.22E-05	1.30E-03	2.44E-09	2.76E-05	6.47E-03	1.50E-01	0.00E+00	2.03E-10	2.62E-10	3.05E-05	7.78E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MR210	1.97E-05	4.01E-03	1.77E-03	7.67E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.78E-05	0.00E+00	1.82E-04	8.44E-10	2.54E-11	1.16E-03	1.76E-05	6.27E-04	7.53E-09	1.26E-05	3.66E-03	6.90E-02	0.00E+00	9.02E-11	1.19E-10	1.37E-05	3.05E-07	9.17E-03	0.00E+00	6.90E-02	1.78E-10	6.90E-02	7.82E-02	9.17E-03	0.00E+00	0.00E+00	0.00E+00	5.17E-04
MR216	1.63E-05	1.52E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.89E-06	4.77E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.01E-03	1.41E-05	5.37E-04	9.52E-09	1.05E-05	3.32E-03	5.80E-02	0.00E+00	7.46E-11	9.89E-11	1.14E-05	2.37E-07	7.68E-03	0.00E+00	5.80E-02	1.52E-10	5.80E-02	6.56E-02	7.68E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
MR220	1.29E-05	9.12E-04	1.26E-03	5.49E-03	0.00E+00	0.00E+00	8.09E-02	7.44E-08	7.47E-06	3.76E-05	0.00E+00	1.26E-04	6.04E-10	1.87E-11	8.48E-04	1.06E-05	4.47E-04	1.14E-08	8.42E-06	2.98E-03	4.69E-02	0.00E+00	5.91E-11	7.92E-11	9.12E-06	1.69E-07	6.20E-03	0.00E+00	4.69E-02	1.27E-10	4.69E-02	5.31E-02	6.20E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MR232	4.84E-05	2.23E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.37E-07	2.29E-05	1.44E-04	0.00E+00	4.23E-04	1.91E-09	5.57E-11	2.57E-03	4.66E-05	1.42E-03	3.98E-09	3.03E-05	7.01E-03	1.65E-01	0.00E+00	2.23E-10	2.89E-10	3.35E-05	8.63E-07	2.20E-02	0.00E+00	1.65E-01	4.03E-10	1.65E-01	1.87E-01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MR240	5.17E-05	2.46E-02	4.28E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.52E-07	2.44E-05	1.54E-04	0.00E+00	4.51E-04	2.03E-09	5.90E-11	2.73E-03	5.01E-05	1.51E-03	5.69E-09	3.24E-05	7.36E-03	1.76E-01	0.00E+00	2.39E-10	3.08E-10	3.58E-05	9.30E-07	2.35E-02	0.00E+00	1.76E-01	4.29E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MR263	5.11E-05	2.34E-02	4.25E-03	1.83E-02	0.00E+00	0.00E+00	2.64E-01	2.51E-07	2.43E-05	1.52E-04	0.00E+00	4.47E-04	2.02E-09	5.88E-11	2.72E-03	4.92E-05	1.50E-03	4.06E-09	3.20E-05	7.42E-03	1.74E-01	0.00E+00	2.36E-10	3.05E-10	3.54E-05	9.11E-07	2.32E-02	0.00E+00	1.74E-01	4.26E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MR310	2.79E-05	4.95E-03	2.53E-03	1.10E-02	0.00E+00	0.00E+00	1.60E-01	1.49E-07	1.47E-05	8.19E-05	0.00E+00	2.59E-04	1.21E-09	3.64E-11	1.67E-03	2.48E-05	8.96E-04	1.20E-08	1.78E-05	5.30E-03	9.82E-02	0.00E+00	1.28E-10	1.69E-10	1.95E-05	4.26E-07	1.30E-02	0.00E+00	9.82E-02	2.54E-10	9.82E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-04
MR316	3.11E-05	7.04E-03	2.78E-03	1.21E-02	0.00E+00	0.00E+00	1.75E-01	1.64E-07	1.62E-05	9.16E-05	0.00E+00	2.86E-04	1.33E-09	3.98E-11	1.82E-03	2.81E-05	9.86E-04	1.07E-08	1.98E-05	5.68E-03	1.09E-01	0.00E+00	1.43E-10	1.88E-10	2.17E-05	4.90E-07	1.45E-02	0.00E+00	1.09E-01	2.79E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
MR320	2.11E-05	1.41E-04	2.02E-03	8.78E-03	0.00E+00	0.00E+00	1.29E-01	1.19E-07	1.19E-05	6.15E-05	0.00E+00	2.04E-04	9.66E-10	2.97E-11	1.35E-03	1.77E-05	7.16E-04	1.62E-08	1.37E-05	4.64E-03	7.59E-02	0.00E+00	9.64E-11	1.29E-10	1.48E-05	2.88E-07	1.00E-02	0.00E+00	7.59E-02	2.03E-10	7.59E-02	8.60E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.45E-04
MR325	5.72E-05	2.38E-02	4.82E-03	2.08E-02	0.00E+00	0.00E+00	3.00E-01	2.84E-07	2.76E-05	1.69E-04	0.00E+00	5.05E-04	2.29E-09	6.71E-11	3.10E-03	5.45E-05	1.71E-03	2.13E-10	3.60E-05	8.68E-03	1.96E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	9.98E-07	2.61E-02	0.00E+00	1.96E-01	4.83E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
MR332	2.05E-05	2.15E-03	2.01E-03	8.79E-03	0.00E+00	0.00E+00	1.30E-01	1.19E-07	1.20E-05	5.96E-05	0.00E+00	2.02E-04	9.67E-10	3.00E-11	1.36E-03	1.67E-05	7.15E-04	1.94E-08	1.34E-05	4.84E-03	7.47E-02	0.00E+00	9.36E-11	1.26E-10	1.45E-05	2.62E-07	9.86E-03	0.00E+00	7.47E-02	2.03E-10	7.47E-02	8.46E-02	9.86E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MR340	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MS110	4.85E-06	1.49E-03	5.03E-04	2.20E-03	0.00E+00	0.00E+00	3.28E-02	2.98E-08	3.03E-06	1.40E-05	0.00E+00	4.97E-05	2.42E-10	7.65E-12	3.45E-04	3.69E-06	1.79E-04	6.36E-09	3.22E-06	1.30E-03	1.81E-02	0.00E+00	2.21E-11	3.01E-11	3.45E-06	5.31E-08	2.38E-03	0.00E+00	1.81E-02	5.07E-11	1.81E-02	2.05E-02	2.38E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-04
MS110X	9.43E-06	1.69E-03	8.55E-04	3.71E-03	0.00E+00	0.00E+00	5.41E-02	5.05E-08	4.99E-06	2.77E-05	0.00E+00	8.77E-05	4.08E-10	1.23E-11	5.63E-04	8.38E-06	3.03E-04	4.04E-09	6.03E-06	1.79E-03	3.32E-02	0.00E+00	4.33E-11	5.71E-11	6.60E-06	1.44E-07	4.41E-03	0.00E+00	3.32E-02	8.59E-11	3.32E-02	3.76E-02	4.41E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MS116X	2.14E-05	9.77E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.02E-05	6.35E-05	0.00E+00	1.87E-04	8.45E-10	2.46E-11	1.14E-03	2.06E-05	6.30E-04	1.63E-09	1.34E-05	3.11E-03	7.29E-02	0.00E+00	9.87E-11	1.28E-10	1.48E-05	3.81E-07	9.72E-03	0.00E+00	7.29E-02	1.78E-10	7.29E-02	8.26E-02	9.72E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
MS120	1.14E-05	2.97E-03	1.01E-03	4.38E-03	0.00E+00	0.00E+00	6.38E-02	5.98E-08	5.87E-06	3.37E-05	0.00E+00	1.05E-04	4.83E-10	1.44E-11	6.62E-04	1.04E-05	3.59E-04	3.23E-09	7.28E-06	2.03E-03	3.99E-02	0.00E+00	5.26E-11	6.90E-11	7.99E-06	1.84E-07	5.31E-03	0.00E+00	3.99E-02	1.02E-10	3.99E-02	4.52E-02	5.31E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MS120X	9.41E-06	1.63E-03	8.55E-04	3.71E-03	0.00E+00	0.00E+00	5.41E-02	5.05E-08	4.99E-06	2.77E-05	0.00E+00	8.76E-05	4.08E-10	1.23E-11	5.64E-04	8.36E-06	3.03E-04	4.14E-09	6.03E-06	1.80E-03	3.32E-02	0.00E+00	4.32E-11	5.70E-11	6.59E-06	1.44E-07	4.40E-03	0.00E+00	3.32E-02	8.59E-11	3.32E-02	3.76E-02	4.40E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MS125X	2.46E-05	1.16E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.30E-05	0.00E+00	2.14E-04	9.65E-10	2.81E-11	1.30E-03	2.37E-05	7.20E-04	2.51E-09	1.54E-05	3.51E-03	8.35E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.41E-07	1.11E-02	0.00E+00	8.35E-02	2.04E-10	8.35E-02	9.47E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.60E-04
MS132X	9.23E-06	9.97E-04	8.54E-04	3.71E-03	0.00E+00	0.00E+00	5.43E-02	5.05E-08	5.01E-06	2.71E-05	0.00E+00	8.71E-05	4.09E-10	1.24E-11	5.67E-04	8.03E-06	3.03E-04	5.15E-09	5.94E-06	1.86E-03	3.28E-02	0.00E+00	4.23E-11	5.60E-11	6.47E-06	1.35E-07	4.35E-03	0.00E+00	3.28E-02	8.59E-11	3.28E-02	3.71E-02	4.35E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MS140X	9.22E-06	9.39E-04	8.54E-04	3.71E-03	0.00E+00	0.00E+00	5.44E-02	5.05E-08	5.01E-06	2.70E-05	0.00E+00	8.70E-05	4.09E-10	1.24E-11	5.67E-04	8.01E-06	3.03E-04	5.24E-09	5.93E-06	1.87E-03	3.28E-02	0.00E+00	4.22E-11	5.60E-11	6.46E-06	1.35E-07	4.34E-03	0.00E+00	3.28E-02	8.59E-11	3.28E-02	3.71E-02	4.34E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MS216X	4.34E-05	2.01E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.23E-01	2.12E-07	2.05E-05	1.29E-04	0.00E+00	3.79E-04	1.71E-09	4.98E-11	2.30E-03	4.18E-05	1.27E-03	3.87E-09	2.72E-05	6.25E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.75E-07	1.97E-02	0.00E+00	1.48E-01	3.61E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MS220X	2.29E-05	6.04E-03	2.02E-03	8.76E-03	0.00E+00	0.00E+00	1.27E-01	1.19E-07	1.17E-05	6.75E-05	0.00E+00	2.09E-04	9.64E-10	2.88E-11	1.32E-03	2.09E-05	7.17E-04	6.29E-09	1.46E-05	4.04E-03	7.98E-02	0.00E+00	1.05E-10	1.38E-10	1.60E-05	3.68E-07	1.06E-02	0.00E+00	7.98E-02	2.03E-10	7.98E-02	9.04E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-04
MS232	6.25E-05	3.20E-02	5.10E-03	2.19E-02	0.00E+00	0.00E+00	3.15E-01	3.01E-07	2.90E-05	1.86E-04	0.00E+00	5.40E-04	2.42E-09	7.00E-11	3.24E-03	6.10E-05	1.80E-03	1.10E-08	3.90E-05	8.52E-03	2.11E-01	0.00E+00	2.88E-10	3.72E-10	4.32E-05	1.14E-06	2.82E-02	0.00E+00	2.11E-01	5.11E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MS240	5.04E-05	2.36E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.59E-01	2.46E-07	2.38E-05	1.50E-04	0.00E+00	4.40E-04	1.98E-09	5.77E-11	2.67E-03	4.87E-05	1.48E-03	4.95E-09	3.16E-05	7.22E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.49E-05	9.03E-07	2.29E-02	0.00E+00	1.71E-01	4.18E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MS263	5.04E-05	2.29E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.47E-07	2.39E-05	1.49E-04	0.00E+00	4.41E-04	1.99E-09	5.81E-11	2.68E-03	4.85E-05	1.48E-03	3.68E-09	3.16E-05	7.33E-03	1.72E-01	0.00E+00	2.32E-10	3.01E-10	3.49E-05	8.96E-07	2.29E-02	0.00E+00	1.72E-01	4.20E-10	1.72E-01	1.95E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MS310	7.93E-06	8.95E-03	9.97E-04	4.42E-03	0.00E+00	0.00E+00	6.72E-02	5.91E-08	6.22E-06	2.22E-05	0.00E+00	9.39E-05	4.85E-10	1.61E-11	7.17E-04	4.31E-06	3.56E-04	2.22E-08	5.56E-06	3.18E-03	3.23E-02	0.00E+00	3.55E-11	5.11E-11	5.80E-06	2.82E-08	4.20E-03	0.00E+00	3.23E-02	1.01E-10	3.23E-02	3.65E-02	4.20E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MS310X	2.45E-05	2.64E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.44E-01	1.34E-07	1.33E-05	7.19E-05	0.00E+00	2.32E-04	1.09E-09	3.30E-11	1.51E-03	2.14E-05	8.06E-04	1.37E-08	1.58E-05	4.95E-03	8.72E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.60E-07	1.16E-02	0.00E+00	8.72E-02	2.28E-10	8.72E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-04
MS316	2.45E-05	2.41E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.17E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.12E-05	8.06E-04	1.41E-08	1.57E-05	4.97E-03	8.71E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.57E-07	1.15E-02	0.00E+00	8.71E-02	2.28E-10	8.71E-02	9.86E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
MS316X	2.78E-05	4.72E-03	2.53E-03	1.10E-02	0.00E+00	0.00E+00	1.60E-01	1.49E-07	1.48E-05	8.16E-05	0.00E+00	2.59E-04	1.21E-09	3.65E-11	1.67E-03	2.46E-05	8.96E-04	1.24E-08	1.78E-05	5.32E-03	9.80E-02	0.00E+00	1.28E-10	1.68E-10	1.95E-05	4.23E-07	1.30E-02	0.00E+00	9.80E-02	2.54E-10	9.80E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.29E-04
MS320	3.11E-05	6.81E-03	2.78E-03	1.21E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	9.14E-05	0.00E+00	2.86E-04	1.33E-09	3.99E-11	1.83E-03	2.79E-05	9.86E-04	1.10E-08	1.98E-05	5.70E-03	1.09E-01	0.00E+00	1.43E-10	1.87E-10	2.17E-05	4.87E-07	1.45E-02	0.00E+00	1.09E-01	2.79E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
MS320X	2.44E-05	2.18E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.15E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.44E-08	1.57E-05	4.99E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.54E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
MS332	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MS332X	4.04E-05	1.17E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.23E-01	2.09E-07	2.05E-05	1.19E-04	0.00E+00	3.67E-04	1.69E-09	5.03E-11	2.31E-03	3.71E-05	1.26E-03	9.14E-09	2.57E-05	6.96E-03	1.41E-01	0.00E+00	1.86E-10	2.43E-10	2.82E-05	6.60E-07	1.87E-02	0.00E+00	1.41E-01	3.56E-10	1.41E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MS340	2.05E-05	2.15E-03	2.01E-03	8.79E-03	0.00E+00	0.00E+00	1.30E-01	1.19E-07	1.20E-05	5.96E-05	0.00E+00	2.02E-04	9.67E-10	3.00E-11	1.36E-03	1.67E-05	7.15E-04	1.94E-08	1.34E-05	4.84E-03	7.47E-02	0.00E+00	9.36E-11	1.26E-10	1.45E-05	2.62E-07	9.86E-03	0.00E+00	7.47E-02	2.03E-10	7.47E-02	8.46E-02	9.86E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MS340X	3.05E-05	4.80E-03	2.78E-03	1.21E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.95E-05	0.00E+00	2.85E-04	1.33E-09	4.02E-11	1.84E-03	2.69E-05	9.85E-04	1.43E-08	1.95E-05	5.90E-03	1.08E-01	0.00E+00	1.40E-10	1.85E-10	2.13E-05	4.61E-07	1.43E-02	0.00E+00	1.08E-01	2.79E-10	1.08E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04
MSN106	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN106QB	2.73E-05	1.35E-02	2.24E-03	9.66E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.12E-05	0.00E+00	2.37E-04	1.06E-09	3.09E-11	1.43E-03	2.66E-05	7.94E-04	3.94E-09	1.71E-05	3.81E-03	9.26E-02	0.00E+00	1.26E-10	1.63E-10	1.89E-05	4.96E-07	1.24E-02	0.00E+00	9.26E-02	2.25E-10	9.26E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
MSN110	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN110QB	2.73E-05	1.35E-02	2.24E-03	9.66E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.12E-05	0.00E+00	2.37E-04	1.06E-09	3.09E-11	1.43E-03	2.66E-05	7.94E-04	3.94E-09	1.71E-05	3.81E-03	9.26E-02	0.00E+00	1.26E-10	1.63E-10	1.89E-05	4.96E-07	1.24E-02	0.00E+00	9.26E-02	2.25E-10	9.26E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
MSN113	2.18E-05	9.70E-03	1.82E-03	7.85E-03	0.00E+00	0.00E+00	1.13E-01	1.08E-07	1.04E-05	6.47E-05	0.00E+00	1.92E-04	8.65E-10	2.53E-11	1.17E-03	2.09E-05	6.45E-04	1.17E-09	1.37E-05	3.22E-03	7.44E-02	0.00E+00	1.01E-10	1.30E-10	1.51E-05	3.86E-07	9.93E-03	0.00E+00	7.44E-02	1.83E-10	7.44E-02	8.44E-02	9.93E-03	0.00E+00	0.00E+00	0.00E+00	5.85E-04
MSN116	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN120	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN120QB	1.46E-05	4.77E-03	1.27E-03	5.48E-03	0.00E+00	0.00E+00	7.94E-02	7.48E-08	7.31E-06	4.32E-05	0.00E+00	1.32E-04	6.03E-10	1.79E-11	8.23E-04	1.36E-05	4.49E-04	2.35E-09	9.25E-06	2.43E-03	5.06E-02	0.00E+00	6.73E-11	8.78E-11	1.02E-05	2.43E-07	6.73E-03	0.00E+00	5.06E-02	1.27E-10	5.06E-02	5.73E-02	6.73E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04
MSN125	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN125QB	1.46E-05	4.77E-03	1.27E-03	5.48E-03	0.00E+00	0.00E+00	7.94E-02	7.48E-08	7.31E-06	4.32E-05	0.00E+00	1.32E-04	6.03E-10	1.79E-11	8.23E-04	1.36E-05	4.49E-04	2.35E-09	9.25E-06	2.43E-03	5.06E-02	0.00E+00	6.73E-11	8.78E-11	1.02E-05	2.43E-07	6.73E-03	0.00E+00	5.06E-02	1.27E-10	5.06E-02	5.73E-02	6.73E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04

MSN132	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN132QB	2.94E-05	1.47E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.43E-07	1.37E-05	8.75E-05	0.00E+00	2.55E-04	1.15E-09	3.32E-11	1.54E-03	2.87E-05	8.55E-04	4.47E-09	1.84E-05	4.08E-03	9.98E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.35E-07	1.33E-02	0.00E+00	9.98E-02	2.42E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
MSN140	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN140QB	2.48E-05	1.16E-02	2.05E-03	8.85E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.36E-05	0.00E+00	2.16E-04	9.75E-10	2.84E-11	1.31E-03	2.39E-05	7.27E-04	2.36E-09	1.55E-05	3.56E-03	8.43E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.44E-07	1.13E-02	0.00E+00	8.43E-02	2.06E-10	8.43E-02	9.55E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MSN140R	1.96E-05	7.96E-03	1.66E-03	7.16E-03	0.00E+00	0.00E+00	1.03E-01	9.79E-08	9.51E-06	5.81E-05	0.00E+00	1.74E-04	7.89E-10	2.32E-11	1.07E-03	1.86E-05	5.87E-04	3.27E-10	1.23E-05	3.01E-03	6.73E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.40E-07	8.97E-03	0.00E+00	6.73E-02	1.66E-10	6.73E-02	7.62E-02	8.97E-03	0.00E+00	0.00E+00	0.00E+00	5.25E-04
MSN150	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN163	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN163R	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MSN206	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN210	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.80E-04	1.72E-09	5.03E-11	2.32E-03	4.16E-05	1.28E-03	0.00E+00	2.71E-05	6.39E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.01E-05	7.67E-07	1.97E-02	0.00E+00	1.48E-01	3.63E-10	1.48E-01	1.68E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MSN216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.80E-04	1.72E-09	5.03E-11	2.32E-03	4.16E-05	1.28E-03	0.00E+00	2.71E-05	6.39E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.01E-05	7.67E-07	1.97E-02	0.00E+00	1.48E-01	3.63E-10	1.48E-01	1.68E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MSN220	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN225	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN232	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN240	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN250	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN263	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN263R	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MSN306	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN306QB	7.13E-05	3.34E-02	5.91E-03	2.55E-02	0.00E+00	0.00E+00	3.66E-01	3.49E-07	3.37E-05	2.12E-04	0.00E+00	6.23E-04	2.81E-09	8.17E-11	3.78E-03	6.89E-05	2.09E-03	6.86E-09	4.47E-05	1.02E-02	2.43E-01	0.00E+00	3.29E-10	4.25E-10	4.94E-05	1.28E-06	3.24E-02	0.00E+00	2.43E-01	5.92E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MSN310	8.01E-05	3.55E-02	6.69E-03	2.88E-02	0.00E+00	0.00E+00	4.16E-01	3.95E-07	3.82E-05	2.38E-04	0.00E+00	7.03E-04	3.18E-09	9.29E-11	4.29E-03	7.69E-05	2.37E-03	0.00E+00	5.00E-05	1.18E-02	2.73E-01	0.00E+00	3.70E-10	4.79E-10	5.56E-05	1.42E-06	3.65E-02	0.00E+00	2.73E-01	6.71E-10	2.73E-01	3.10E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
MSN310QB	7.13E-05	3.34E-02	5.91E-03	2.55E-02	0.00E+00	0.00E+00	3.66E-01	3.49E-07	3.37E-05	2.12E-04	0.00E+00	6.23E-04	2.81E-09	8.17E-11	3.78E-03	6.89E-05	2.09E-03	6.86E-09	4.47E-05	1.02E-02	2.43E-01	0.00E+00	3.29E-10	4.25E-10	4.94E-05	1.28E-06	3.24E-02	0.00E+00	2.43E-01	5.92E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MSN316	8.01E-05	3.55E-02	6.69E-03	2.88E-02	0.00E+00	0.00E+00	4.16E-01	3.95E-07	3.82E-05	2.38E-04	0.00E+00	7.03E-04	3.18E-09	9.29E-11	4.29E-03	7.69E-05	2.37E-03	0.00E+00	5.00E-05	1.18E-02	2.73E-01	0.00E+00	3.70E-10	4.79E-10	5.56E-05	1.42E-06	3.65E-02	0.00E+00	2.73E-01	6.71E-10	2.73E-01	3.10E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
MSN320	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN325	6.59E-05	2.92E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.64E-11	3.53E-03	6.32E-05	1.95E-03	0.00E+00	4.12E-05	9.72E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN325QB	6.45E-05	2.82E-02	5.40E-03	2.33E-02	0.00E+00	0.00E+00	3.35E-01	3.19E-07	3.09E-05	1.91E-04	0.00E+00	5.67E-04	2.57E-09	7.50E-11	3.47E-03	6.18E-05	1.91E-03	2.53E-09	4.05E-05	9.59E-03	2.20E-01	0.00E+00	2.97E-10	3.85E-10	4.47E-05	1.14E-06	2.94E-02	0.00E+00	2.20E-01	5.42E-10	2.20E-01	2.50E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MSN332	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN332QB	2.89E-05	3.41E-03	2.66E-03	1.16E-02	0.00E+00	0.00E+00	1.69E-01	1.57E-07	1.56E-05	8.46E-05	0.00E+00	2.72E-04	1.27E-09	3.87E-11	1.76E-03	2.52E-05	9.44E-04	1.56E-08	1.85E-05	5.77E-03	1.02E-01	0.00E+00	1.32E-10	1.75E-10	2.02E-05	4.26E-07	1.36E-02	0.00E+00	1.02E-01	2.68E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
MSN332R	8.51E-04	5.76E-01	6.57E-02	2.81E-01	0.00E+00	0.00E+00	4.00E+00	3.88E-06	3.67E-04	2.55E-03	0.00E+00	7.08E-03	3.10E-08	8.76E-10	4.09E-02	8.69E-04	2.32E-02	4.06E-07	5.24E-04	9.35E-02	2.82E+00	0.00E+00	3.94E-09	5.02E-09	5.85E-04	1.68E-05	3.78E-01	0.00E+00	2.82E+00	6.57E-09	2.82E+00	3.20E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
MSN340	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN340QB	2.14E-05	1.73E-03	2.09E-03	9.11E-03	0.00E+00	0.00E+00	1.34E-01	1.23E-07	1.24E-05	6.23E-05	0.00E+00	2.10E-04	1.00E-09	3.10E-11	1.41E-03	1.76E-05	7.42E-04	1.93E-08	1.40E-05	4.96E-03	7.77E-02	0.00E+00	9.77E-11	1.31E-10	1.51E-05	2.78E-07	1.03E-02	0.00E+00	7.77E-02	2.10E-10	7.77E-02	8.80E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-04
MSN340R	6.36E-05	2.71E-02	5.34E-03	2.30E-02	0.00E+00	0.00E+00	3.32E-01	3.15E-07	3.05E-05	1.88E-04	0.00E+00	5.60E-04	2.54E-09	7.43E-11	3.43E-03	6.07E-05	1.89E-03	1.39E-09	3.99E-05	9.54E-03	2.17E-01	0.00E+00	2.93E-10	3.80E-10	4.41E-05	1.11E-06	2.90E-02	0.00E+00	2.17E-01	5.35E-10	2.17E-01	2.46E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
MSN350	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN363	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN363R	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MSN463R	7.98E-05	3.13E-02	6.77E-03	2.92E-02	0.00E+00	0.00E+00	4.22E-01	4.00E-07	3.89E-05	2.36E-04	0.00E+00	7.09E-04	3.22E-09	9.48E-11	4.37E-03	7.55E-05	2.40E-03	3.27E-09	5.03E-05	1.24E-02	2.74E-01	0.00E+00	3.68E-10	4.78E-10	5.54E-05	1.37E-06	3.65E-02	0.00E+00	2.74E-01	6.80E-10	2.74E-01	3.11E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MT106A	2.50E-05	1.20E-02	2.07E-03	8.90E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.44E-05	0.00E+00	2.18E-04	9.81E-10	2.85E-11	1.32E-03	2.43E-05	7.31E-04	2.99E-09	1.57E-05	3.54E-03	8.51E-02	0.00E+00	1.16E-10	1.49E-10	1.73E-05	4.51E-07	1.14E-02	0.00E+00	8.51E-02	2.07E-10	8.51E-02	9.64E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.74E-04
MT110A	2.42E-05	1.23E-02	1.98E-03	8.51E-03	0.00E+00	0.00E+00	1.22E-01	1.17E-07	1.12E-05	7.19E-05	0.00E+00	2.09E-04	9.38E-10	2.72E-11	1.26E-03	2.36E-05	7.00E-04	4.08E-09	1.51E-05	3.32E-03	8.19E-02	0.00E+00	1.12E-10	1.44E-10	1.67E-05	4.42E-07	1.09E-02	0.00E+00	8.19E-02	1.98E-10	8.19E-02	9.28E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.52E-04
MT116A	2.37E-05	1.19E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.10E-05	7.03E-05	0.00E+00	2.05E-04	9.19E-10	2.66E-11	1.23E-03	2.31E-05	6.86E-04	3.83E-09	1.48E-05	3.26E-03	8.01E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.31E-07	1.07E-02	0.00E+00	8.01E-02	1.94E-10	8.01E-02	9.08E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
MT120A	2.63E-05	1.37E-02	2.14E-03	9.20E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.21E-05	7.82E-05	0.00E+00	2.27E-04	1.01E-09	2.93E-11	1.36E-03	2.57E-05	7.57E-04	5.10E-09	1.64E-05	3.54E-03	8.88E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.83E-07	1.19E-02	0.00E+00	8.88E-02	2.14E-10	8.88E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MT125A	4.67E-06	2.12E-03	5.03E-04	2.21E-03	0.00E+00	0.00E+00	3.30E-02	2.97E-08	3.05E-06	1.34E-05	0.00E+00	4.92E-05	2.43E-10	7.75E-12	3.48E-04	3.37E-06	1.79E-04	7.38E-09	3.13E-06	1.36E-03	1.77E-02	0.00E+00	2.12E-11	2.91E-11	3.34E-06	4.49E-08	2.32E-03	0.00E+00	1.77E-02	5.07E-11	1.77E-02	2.00E-02	2.32E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MT132A	2.44E-05	1.13E-02	2.03E-03	8.74E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.25E-05	0.00E+00	2.14E-04	9.63E-10	2.81E-11	1.30E-03	2.36E-05	7.18E-04	2.10E-09	1.53E-05	3.53E-03	8.32E-02	0.00E+00	1.13E-10	1.46E-10	1.69E-05	4.36E-07	1.11E-02	0.00E+00	8.32E-02	2.03E-10	8.32E-02	9.43E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
MT140A	2.68E-05	1.29E-02	2.21E-03	9.53E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.98E-05	0.00E+00	2.34E-04	1.05E-09	3.05E-11	1.41E-03	2.60E-05	7.84E-04	3.28E-09	1.68E-05	3.79E-03	9.12E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.84E-07	1.22E-02	0.00E+00	9.12E-02	2.22E-10	9.12E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
MT150A	3.04E-05	1.51E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.54E-01	1.47E-07	1.42E-05	9.05E-05	0.00E+00	2.64E-04	1.19E-09	3.44E-11	1.59E-03	2.96E-05	8.84E-04	4.54E-09	1.90E-05	4.23E-03	1.03E-01	0.00E+00	1.41E-10	1.81E-10	2.11E-05	5.53E-07	1.38E-02	0.00E+00	1.03E-01	2.50E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
MT163A	2.49E-05	1.12E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.18E-05	7.39E-05	0.00E+00	2.18E-04	9.85E-10	2.87E-11	1.33E-03	2.39E-05	7.34E-04	1.66E-09	1.56E-05	3.64E-03	8.49E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.13E-02	0.00E+00	8.49E-02	2.08E-10	8.49E-02	9.62E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.68E-04
MT206A	4.95E-05	2.37E-02	4.09E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.41E-07	2.33E-05	1.47E-04	0.00E+00	4.31E-04	1.94E-09	5.64E-11	2.61E-03	4.80E-05	1.45E-03	5.78E-09	3.10E-05	7.02E-03	1.68E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.92E-07	2.25E-02	0.00E+00	1.68E-01	4.10E-10	1.68E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MT210A	5.24E-05	2.64E-02	4.29E-03	1.85E-02	0.00E+00	0.00E+00	2.65E-01	2.53E-07	2.44E-05	1.56E-04	0.00E+00	4.54E-04	2.04E-09	5.90E-11	2.73E-03	5.11E-05	1.52E-03	8.38E-09	3.27E-05	7.23E-03	1.78E-01	0.00E+00	2.42E-10	3.12E-10	3.63E-05	9.55E-07	2.37E-02	0.00E+00	1.78E-01	4.30E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MT216A	7.05E-05	3.91E-02	5.67E-03	2.44E-02	0.00E+00	0.00E+00	3.49E-01	3.35E-07	3.21E-05	2.10E-04	0.00E+00	6.03E-04	2.69E-09	7.73E-11	3.59E-03	6.97E-05	2.01E-03	1.79E-08	4.38E-05	9.13E-03	2.37E-01	0.00E+00	3.26E-10	4.18E-10	4.87E-05	1.32E-06	3.17E-02	0.00E+00	2.37E-01	5.68E-10	2.37E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MT220A	5.25E-05	2.61E-02	4.31E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.45E-05	1.56E-04	0.00E+00	4.56E-04	2.05E-09	5.93E-11	2.75E-03	5.11E-05	1.53E-03	7.85E-09	3.28E-05	7.29E-03	1.78E-01	0.00E+00	2.43E-10	3.13E-10	3.64E-05	9.55E-07	2.38E-02	0.00E+00	1.78E-01	4.32E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MT225A	1.60E-05	4.26E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.13E-08	1.03E-05	3.43E-03	5.73E-02	0.00E+00	7.31E-11	9.73E-11	1.12E-05	2.23E-07	7.58E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.58E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
MT232A	4.87E-05	2.25E-02	4.05E-03	1.74E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.45E-04	0.00E+00	4.26E-04	1.92E-09	5.60E-11	2.59E-03	4.70E-05	1.43E-03	4.15E-09	3.05E-05	7.04E-03	1.66E-01	0.00E+00	2.25E-10	2.91E-10	3.38E-05	8.70E-07	2.21E-02	0.00E+00	1.66E-01	4.06E-10	1.66E-01	1.88E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MT240A	4.91E-05	2.28E-02	4.07E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.40E-07	2.32E-05	1.46E-04	0.00E+00	4.29E-04	1.93E-09	5.64E-11	2.61E-03	4.74E-05	1.44E-03	4.41E-09	3.08E-05	7.08E-03	1.67E-01	0.00E+00	2.27E-10	2.93E-10	3.40E-05	8.78E-07	2.23E-02	0.00E+00	1.67E-01	4.08E-10	1.67E-01	1.89E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MT250A	6.54E-05	3.34E-02	5.34E-03	2.30E-02	0.00E+00	0.00E+00	3.30E-01	3.15E-07	3.03E-05	1.94E-04	0.00E+00	5.65E-04	2.53E-09	7.33E-11	3.40E-03	6.39E-05	1.89E-03	1.14E-08	4.08E-05	8.93E-03	2.21E-01	0.00E+00	3.02E-10	3.89E-10	4.52E-05	1.20E-06	2.95E-02	0.00E+00	2.21E-01	5.35E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MT263A	5.48E-05	2.59E-02	4.53E-03	1.95E-02	0.00E+00	0.00E+00	2.81E-01	2.67E-07	2.58E-05	1.63E-04	0.00E+00	4.78E-04	2.15E-09	6.26E-11	2.89E-03	5.30E-05	1.60E-03	5.83E-09	3.43E-05	7.81E-03	1.86E-01	0.00E+00	2.53E-10	3.26E-10	3.79E-05	9.83E-07	2.48E-02	0.00E+00	1.86E-01	4.54E-10	1.86E-01	2.11E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MT306A	1.45E-04	8.65E-02	1.16E-02	4.96E-02	0.00E+00	0.00E+00	7.08E-01	6.82E-07	6.51E-05	4.34E-04	0.00E+00	1.23E-03	5.47E-09	1.56E-10	7.28E-03	1.45E-04	4.09E-03	4.75E-08	9.02E-05	1.79E-02	4.87E-01	0.00E+00	6.73E-10	8.62E-10	1.00E-04	2.77E-06	6.52E-02	0.00E+00	4.87E-01	1.16E-09	4.87E-01	5.52E-01	6.52E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
MT310A	1.35E-04	7.94E-02	1.08E-02	4.62E-02	0.00E+00	0.00E+00	6.60E-01	6.35E-07	6.07E-05	4.03E-04	0.00E+00	1.15E-03	5.09E-09	1.46E-10	6.78E-03	1.35E-04	3.81E-03	4.25E-08	8.39E-05	1.68E-02	4.53E-01	0.00E+00	6.25E-10	8.01E-10	9.32E-05	2.57E-06	6.06E-02	0.00E+00	4.53E-01	1.08E-09	4.53E-01	5.13E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
MT316A	1.09E-04	6.11E-02	8.80E-03	3.78E-02	0.00E+00	0.00E+00	5.41E-01	5.19E-07	4.97E-05	3.26E-04	0.00E+00	9.36E-04	4.17E-09	1.20E-10	5.56E-03	1.08E-04	3.11E-03	2.86E-08	6.80E-05	1.41E-02	3.68E-01	0.00E+00	5.06E-10	6.49E-10	7.56E-05	2.05E-06	4.92E-02	0.00E+00	3.68E-01	8.81E-10	3.68E-01	4.17E-01	4.92E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
MT320A	7.64E-05	3.80E-02	6.27E-03	2.70E-02	0.00E+00	0.00E+00	3.88E-01	3.70E-07	3.57E-05	2.27E-04	0.00E+00	6.63E-04	2.98E-09	8.63E-11	4.00E-03	7.44E-05	2.22E-03	1.14E-08	4.77E-05	1.06E-02	2.59E-01	0.00E+00	3.53E-10	4.55E-10	5.29E-05	1.39E-06	3.46E-02	0.00E+00	2.59E-01	6.29E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MT325A	2.43E-05	1.16E-03	2.29E-03	9.94E-03	0.00E+00	0.00E+00	1.46E-01	1.35E-07	1.35E-05	7.10E-05	0.00E+00	2.32E-04	1.09E-09	3.35E-11	1.53E-03	2.07E-05	8.11E-04	1.62E-08	1.57E-05	5.13E-03	8.69E-02	0.00E+00	1.11E-10	1.48E-10	1.71E-05	3.43E-07	1.15E-02	0.00E+00	8.69E-02	2.30E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.30E-04
MT332A	7.06E-05	3.22E-02	5.87E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.46E-07	3.35E-05	2.10E-04	0.00E+00	6.18E-04	2.79E-09	8.13E-11	3.76E-03	6.80E-05	2.08E-03	5.33E-09	4.42E-05	1.03E-02	2.40E-01	0.00E+00	3.26E-10	4.21E-10	4.89E-05	1.26E-06	3.21E-02	0.00E+00	2.40E-01	5.89E-10	2.40E-01	2.73E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MT340A	7.39E-05	3.45E-02	6.12E-03	2.64E-02	0.00E+00	0.00E+00	3.79E-01	3.61E-07	3.49E-05	2.19E-04	0.00E+00	6.45E-04	2.91E-09	8.46E-11	3.91E-03	7.13E-05	2.17E-03	7.00E-09	4.62E-05	1.06E-02	2.51E-01	0.00E+00	3.41E-10	4.40E-10	5.12E-05	1.32E-06	3.35E-02	0.00E+00	2.51E-01	6.14E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
MT350A	9.79E-05	5.01E-02	8.00E-03	3.44E-02	0.00E+00	0.00E+00	4.94E-01	4.72E-07	4.54E-05	2.91E-04	0.00E+00	8.47E-04	3.79E-09	1.10E-10	5.09E-03	9.57E-05	2.83E-03	1.72E-08	6.11E-05	1.34E-02	3.31E-01	0.00E+00	4.52E-10	5.83E-10	6.77E-05	1.79E-06	4.43E-02	0.00E+00	3.31E-01	8.02E-10	3.31E-01	3.76E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
MT363A	7.85E-05	3.66E-02	6.51E-03	2.81E-02	0.00E+00	0.00E+00	4.04E-01	3.84E-07	3.71E-05	2.33E-04	0.00E+00	6.86E-04	3.09E-09	9.01E-11	4.16E-03	7.58E-05	2.31E-03	7.28E-09	4.92E-05	1.13E-02	2.67E-01	0.00E+00	3.62E-10	4.68E-10	5.44E-05	1.41E-06	3.57E-02	0.00E+00	2.67E-01	6.53E-10	2.67E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MTN106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MTN110	2.24E-05	1.05E-02	2.28E-03	8.23E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.07E-05	6.75E-05	0.00E+00	1.42E-04	8.79E-10	2.78E-11	1.19E-03	2.13E-05	6.57E-04	1.87E-06	1.66E-05	3.97E-03	7.57E-02	0.00E+00	1.03E-10	1.32E-10	1.57E-05	4.09E-07	1.00E-02	0.00E+00	7.57E-02	-5.93E-09	7.57E-02	8.57E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MTN116	2.22E-05	1.04E-02	2.26E-03	8.17E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.06E-05	6.70E-05	0.00E+00	1.40E-04	8.72E-10	2.76E-11	1.18E-03	2.11E-05	6.50E-04	0.00E+00	1.65E-05	3.94E-03	7.51E-02	0.00E+00	1.02E-10	1.31E-10	1.56E-05	4.06E-07	9.95E-03	0.00E+00	7.51E-02	-5.93E-09	7.51E-02	8.50E-02	9.95E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MTN120	2.24E-05	1.05E-02	2.28E-03	8.23E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.07E-05	6.75E-05	0.00E+00	1.42E-04	8.79E-10	2.78E-11	1.19E-03	2.13E-05	6.57E-04	1.87E-06	1.66E-05	3.97E-03	7.57E-02	0.00E+00	1.03E-10	1.32E-10	1.57E-05	4.09E-07	1.00E-02	0.00E+00	7.57E-02	-5.93E-09	7.57E-02	8.57E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MTN125	1.12E-05	2.78E-03	9.95E-04	4.31E-03	0.00E+00	0.00E+00	6.27E-02	5.87E-08	5.78E-06	3.30E-05	0.00E+00	1.03E-04	4.74E-10	1.42E-11	6.51E-04	1.02E-05	3.53E-04	3.40E-09	7.13E-06	2.01E-03	3.91E-02	0.00E+00	5.15E-11	6.76E-11	7.82E-06	1.78E-07	5.20E-03	0.00E+00	3.91E-02	9.99E-11	3.91E-02	4.44E-02	5.20E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
MTN132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MTN140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MTN150	2.59E-05	1.20E-02	2.15E-03	9.26E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.23E-05	7.70E-05	0.00E+00	2.27E-04	1.02E-09	2.97E-11	1.38E-03	2.50E-05	7.61E-04	2.33E-09	1.62E-05	3.74E-03	8.82E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.63E-07	1.18E-02	0.00E+00	8.82E-02	2.16E-10	8.82E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.96E-04
MTN163	2.76E-05	1.32E-02	2.28E-03	9.83E-03	0.00E+00	0.00E+00	1.41E-01	1.35E-07	1.30E-05	8.21E-05	0.00E+00	2.41E-04	1.08E-09	3.15E-11	1.46E-03	2.68E-05	8.08E-04	3.17E-09	1.73E-05	3.92E-03	9.39E-02	0.00E+00	1.28E-10	1.65E-10	1.91E-05	4.97E-07	1.25E-02	0.00E+00	9.39E-02	2.29E-10	9.39E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.43E-04
MU102A	2.29E-05	1.02E-02	1.91E-03	8.25E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.80E-05	0.00E+00	2.01E-04	9.09E-10	2.66E-11	1.23E-03	2.20E-05	6.77E-04	1.29E-09	1.44E-05	3.37E-03	7.82E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.04E-02	0.00E+00	7.82E-02	1.92E-10	7.82E-02	8.86E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.15E-04
MU104A	2.46E-05	1.14E-02	2.04E-03	8.79E-03	0.00E+00	0.00E+00	1.27E-01	1.20E-07	1.16E-05	7.30E-05	0.00E+00	2.15E-04	9.69E-10	2.82E-11	1.31E-03	2.37E-05	7.22E-04	2.19E-09	1.54E-05	3.55E-03	8.37E-02	0.00E+00	1.13E-10	1.47E-10	1.70E-05	4.40E-07	1.12E-02	0.00E+00	8.37E-02	2.05E-10	8.37E-02	9.49E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.61E-04
MU106A	2.64E-05	1.30E-02	2.17E-03	9.35E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.24E-05	7.85E-05	0.00E+00	2.29E-04	1.03E-09	2.99E-11	1.38E-03	2.57E-05	7.68E-04	3.65E-09	1.65E-05	3.69E-03	8.95E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.78E-07	1.20E-02	0.00E+00	8.95E-02	2.18E-10	8.95E-02	1.01E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-04
MU110A	4.80E-05	2.85E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.34E-01	2.25E-07	2.15E-05	1.43E-04	0.00E+00	4.08E-04	1.81E-09	5.17E-11	2.40E-03	4.80E-05	1.35E-03	1.55E-08	2.98E-05	5.92E-03	1.61E-01	0.00E+00	2.22E-10	2.85E-10	3.31E-05	9.14E-07	2.15E-02	0.00E+00	1.61E-01	3.82E-10	1.61E-01	1.82E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MU116A	5.33E-05	3.21E-02	4.22E-03	1.81E-02	0.00E+00	0.00E+00	2.59E-01	2.49E-07	2.38E-05	1.59E-04	0.00E+00	4.51E-04	2.00E-09	5.71E-11	2.65E-03	5.33E-05	1.49E-03	1.81E-08	3.30E-05	6.50E-03	1.78E-01	0.00E+00	2.46E-10	3.16E-10	3.67E-05	1.02E-06	2.38E-02	0.00E+00	1.78E-01	4.23E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MU120A	4.52E-05	2.63E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.21E-01	2.13E-07	2.03E-05	1.35E-04	0.00E+00	3.84E-04	1.71E-09	4.89E-11	2.27E-03	4.50E-05	1.27E-03	1.38E-08	2.80E-05	5.65E-03	1.51E-01	0.00E+00	2.09E-10	2.68E-10	3.12E-05	8.56E-07	2.03E-02	0.00E+00	1.51E-01	3.61E-10	1.51E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MU125A	2.61E-05	1.26E-02	2.15E-03	9.26E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.22E-05	7.74E-05	0.00E+00	2.27E-04	1.02E-09	2.97E-11	1.37E-03	2.53E-05	7.61E-04	3.16E-09	1.63E-05	3.69E-03	8.85E-02	0.00E+00	1.20E-10	1.55E-10	1.81E-05	4.70E-07	1.18E-02	0.00E+00	8.85E-02	2.16E-10	8.85E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
MU132A	2.80E-05	1.38E-02	2.30E-03	9.92E-03	0.00E+00	0.00E+00	1.42E-01	1.36E-07	1.31E-05	8.33E-05	0.00E+00	2.43E-04	1.09E-09	3.17E-11	1.47E-03	2.72E-05	8.15E-04	3.94E-09	1.75E-05	3.91E-03	9.50E-02	0.00E+00	1.29E-10	1.67E-10	1.94E-05	5.08E-07	1.27E-02	0.00E+00	9.50E-02	2.31E-10	9.50E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-04
MU140A	2.71E-05	1.31E-02	2.23E-03	9.62E-03	0.00E+00	0.00E+00	1.38E-01	1.32E-07	1.27E-05	8.05E-05	0.00E+00	2.36E-04	1.06E-09	3.08E-11	1.43E-03	2.63E-05	7.91E-04	3.41E-09	1.70E-05	3.82E-03	9.20E-02	0.00E+00	1.25E-10	1.62E-10	1.88E-05	4.89E-07	1.23E-02	0.00E+00	9.20E-02	2.24E-10	9.20E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.29E-04
MU150A	2.11E-05	8.79E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.26E-05	0.00E+00	1.86E-04	8.45E-10	2.48E-11	1.14E-03	2.01E-05	6.30E-04	6.35E-11	1.33E-05	3.21E-03	7.23E-02	0.00E+00	9.73E-11	1.26E-10	1.47E-05	3.68E-07	9.64E-03	0.00E+00	7.23E-02	1.78E-10	7.23E-02	8.19E-02	9.64E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-04
MU163A	2.50E-05	1.13E-02	2.08E-03	8.97E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.19E-05	7.42E-05	0.00E+00	2.19E-04	9.88E-10	2.88E-11	1.33E-03	2.40E-05	7.37E-04	1.71E-09	1.57E-05	3.65E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.44E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.65E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.71E-04
MU202A	5.25E-05	2.51E-02	4.34E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.47E-05	1.56E-04	0.00E+00	4.57E-04	2.06E-09	5.99E-11	2.77E-03	5.08E-05	1.53E-03	5.98E-09	3.29E-05	7.45E-03	1.78E-01	0.00E+00	2.42E-10	3.13E-10	3.64E-05	9.45E-07	2.38E-02	0.00E+00	1.78E-01	4.35E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MU206A	1.61E-05	8.17E-04	1.52E-03	6.60E-03	0.00E+00	0.00E+00	9.69E-02	8.97E-08	8.94E-06	4.72E-05	0.00E+00	1.54E-04	7.27E-10	2.22E-11	1.01E-03	1.38E-05	5.39E-04	1.07E-08	1.04E-05	3.40E-03	5.77E-02	0.00E+00	7.39E-11	9.82E-11	1.13E-05	2.28E-07	7.64E-03	0.00E+00	5.77E-02	1.53E-10	5.77E-02	6.54E-02	7.64E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04

MU210A	1.66E-05	1.64E-03	1.54E-03	6.69E-03	0.00E+00	0.00E+00	9.79E-02	9.09E-08	9.03E-06	4.86E-05	0.00E+00	1.57E-04	7.36E-10	2.24E-11	1.02E-03	1.44E-05	5.46E-04	9.52E-09	1.07E-05	3.37E-03	5.90E-02	0.00E+00	7.60E-11	1.01E-10	1.16E-05	2.42E-07	7.82E-03	0.00E+00	5.90E-02	1.55E-10	5.90E-02	6.68E-02	7.82E-03	0.00E+00	0.00E+00	0.00E+00	4.32E-04
MU216A	6.57E-04	4.49E-01	5.06E-02	2.17E-01	0.00E+00	0.00E+00	3.08E+00	2.99E-06	2.83E-04	1.97E-03	0.00E+00	5.46E-03	2.39E-08	6.74E-10	3.15E-02	6.72E-04	1.79E-02	3.21E-07	4.05E-04	7.15E-02	2.18E+00	0.00E+00	3.04E-09	3.88E-09	4.52E-04	1.30E-05	2.92E-01	0.00E+00	2.18E+00	5.07E-09	2.18E+00	2.47E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	1.80E-02
MU220A	5.36E-05	2.70E-02	4.39E-03	1.89E-02	0.00E+00	0.00E+00	2.71E-01	2.59E-07	2.49E-05	1.59E-04	0.00E+00	4.64E-04	2.08E-09	6.03E-11	2.79E-03	5.22E-05	1.55E-03	8.68E-09	3.35E-05	7.38E-03	1.81E-01	0.00E+00	2.47E-10	3.19E-10	3.71E-05	9.77E-07	2.42E-02	0.00E+00	1.81E-01	4.40E-10	1.81E-01	2.06E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MU225A	5.28E-05	2.57E-02	4.35E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.57E-07	2.48E-05	1.57E-04	0.00E+00	4.60E-04	2.06E-09	6.00E-11	2.78E-03	5.13E-05	1.54E-03	6.82E-09	3.30E-05	7.43E-03	1.79E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.55E-07	2.39E-02	0.00E+00	1.79E-01	4.36E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MU232A	5.16E-05	2.45E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.64E-01	2.52E-07	2.43E-05	1.53E-04	0.00E+00	4.50E-04	2.03E-09	5.89E-11	2.73E-03	5.00E-05	1.51E-03	5.64E-09	3.23E-05	7.35E-03	1.75E-01	0.00E+00	2.38E-10	3.08E-10	3.58E-05	9.28E-07	2.34E-02	0.00E+00	1.75E-01	4.28E-10	1.75E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MU240A	5.12E-05	2.42E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.52E-04	0.00E+00	4.46E-04	2.01E-09	5.85E-11	2.70E-03	4.95E-05	1.50E-03	5.42E-09	3.20E-05	7.30E-03	1.74E-01	0.00E+00	2.36E-10	3.05E-10	3.54E-05	9.19E-07	2.32E-02	0.00E+00	1.74E-01	4.24E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MU250A	5.23E-05	2.44E-02	4.34E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.47E-05	1.55E-04	0.00E+00	4.57E-04	2.06E-09	6.00E-11	2.77E-03	5.05E-05	1.53E-03	4.88E-09	3.28E-05	7.52E-03	1.78E-01	0.00E+00	2.41E-10	3.12E-10	3.62E-05	9.36E-07	2.38E-02	0.00E+00	1.78E-01	4.35E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MU263A	5.29E-05	2.47E-02	4.38E-03	1.89E-02	0.00E+00	0.00E+00	2.72E-01	2.59E-07	2.50E-05	1.57E-04	0.00E+00	4.62E-04	2.08E-09	6.06E-11	2.80E-03	5.10E-05	1.55E-03	4.99E-09	3.31E-05	7.60E-03	1.80E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.46E-07	2.40E-02	0.00E+00	1.80E-01	4.39E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MU302A	7.76E-05	3.69E-02	6.41E-03	2.76E-02	0.00E+00	0.00E+00	3.97E-01	3.78E-07	3.65E-05	2.30E-04	0.00E+00	6.76E-04	3.04E-09	8.86E-11	4.10E-03	7.51E-05	2.27E-03	8.49E-09	4.86E-05	1.10E-02	2.64E-01	0.00E+00	3.58E-10	4.62E-10	5.37E-05	1.39E-06	3.52E-02	0.00E+00	2.64E-01	6.43E-10	2.64E-01	2.99E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MU306A	1.43E-04	8.46E-02	1.13E-02	4.87E-02	0.00E+00	0.00E+00	6.95E-01	6.69E-07	6.39E-05	4.26E-04	0.00E+00	1.21E-03	5.37E-09	1.54E-10	7.14E-03	1.43E-04	4.01E-03	4.62E-08	8.85E-05	1.76E-02	4.78E-01	0.00E+00	6.60E-10	8.46E-10	9.84E-05	2.72E-06	6.39E-02	0.00E+00	4.78E-01	1.14E-09	4.78E-01	5.42E-01	6.39E-02	0.00E+00	0.00E+00	0.00E+00	3.87E-03
MU310A	1.45E-04	8.60E-02	1.15E-02	4.94E-02	0.00E+00	0.00E+00	7.05E-01	6.79E-07	6.48E-05	4.32E-04	0.00E+00	1.23E-03	5.44E-09	1.56E-10	7.24E-03	1.45E-04	4.07E-03	4.72E-08	8.98E-05	1.78E-02	4.85E-01	0.00E+00	6.69E-10	8.58E-10	9.99E-05	2.76E-06	6.49E-02	0.00E+00	4.85E-01	1.15E-09	4.85E-01	5.50E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	3.93E-03
MU316A	1.09E-04	6.07E-02	8.75E-03	3.76E-02	0.00E+00	0.00E+00	5.38E-01	5.16E-07	4.95E-05	3.24E-04	0.00E+00	9.30E-04	4.14E-09	1.19E-10	5.53E-03	1.08E-04	3.09E-03	2.83E-08	6.76E-05	1.40E-02	3.66E-01	0.00E+00	5.02E-10	6.45E-10	7.51E-05	2.04E-06	4.89E-02	0.00E+00	3.66E-01	8.76E-10	3.66E-01	4.15E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
MU320A	1.10E-04	6.10E-02	8.89E-03	3.82E-02	0.00E+00	0.00E+00	5.47E-01	5.25E-07	5.03E-05	3.29E-04	0.00E+00	9.45E-04	4.21E-09	1.21E-10	5.63E-03	1.09E-04	3.15E-03	2.77E-08	6.87E-05	1.43E-02	3.71E-01	0.00E+00	5.10E-10	6.55E-10	7.62E-05	2.06E-06	4.97E-02	0.00E+00	3.71E-01	8.91E-10	3.71E-01	4.21E-01	4.97E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03
MU325A	7.73E-05	3.72E-02	6.38E-03	2.75E-02	0.00E+00	0.00E+00	3.95E-01	3.76E-07	3.63E-05	2.30E-04	0.00E+00	6.73E-04	3.03E-09	8.80E-11	4.07E-03	7.49E-05	2.26E-03	9.35E-09	4.83E-05	1.09E-02	2.62E-01	0.00E+00	3.57E-10	4.61E-10	5.35E-05	1.39E-06	3.50E-02	0.00E+00	2.62E-01	6.39E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MU332A	7.67E-05	3.60E-02	6.35E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.69E-04	3.01E-09	8.78E-11	4.06E-03	7.41E-05	2.25E-03	7.62E-09	4.80E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.57E-10	5.31E-05	1.37E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MU340A	7.44E-05	3.44E-02	6.17E-03	2.66E-02	0.00E+00	0.00E+00	3.83E-01	3.64E-07	3.52E-05	2.21E-04	0.00E+00	6.50E-04	2.93E-09	8.54E-11	3.95E-03	7.17E-05	2.19E-03	6.51E-09	4.66E-05	1.07E-02	2.53E-01	0.00E+00	3.43E-10	4.44E-10	5.16E-05	1.33E-06	3.38E-02	0.00E+00	2.53E-01	6.19E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MU350A	7.48E-05	3.41E-02	6.22E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.67E-07	3.55E-05	2.22E-04	0.00E+00	6.55E-04	2.95E-09	8.62E-11	3.98E-03	7.20E-05	2.20E-03	5.53E-09	4.69E-05	1.09E-02	2.55E-01	0.00E+00	3.45E-10	4.46E-10	5.18E-05	1.33E-06	3.40E-02	0.00E+00	2.55E-01	6.24E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MU363A	7.68E-05	3.54E-02	6.37E-03	2.75E-02	0.00E+00	0.00E+00	3.95E-01	3.76E-07	3.64E-05	2.28E-04	0.00E+00	6.71E-04	3.03E-09	8.82E-11	4.08E-03	7.40E-05	2.26E-03	6.41E-09	4.81E-05	1.11E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.37E-06	3.49E-02	0.00E+00	2.61E-01	6.39E-10	2.61E-01	2.96E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MU406A	1.91E-04	1.13E-01	1.52E-02	6.51E-02	0.00E+00	0.00E+00	9.29E-01	8.94E-07	8.54E-05	5.69E-04	0.00E+00	1.62E-03	7.17E-09	2.05E-10	9.55E-03	1.90E-04	5.36E-03	6.16E-08	1.18E-04	2.35E-02	6.39E-01	0.00E+00	8.82E-10	1.13E-09	1.32E-04	3.63E-06	8.55E-02	0.00E+00	6.39E-01	1.52E-09	6.39E-01	7.24E-01	8.55E-02	0.00E+00	0.00E+00	0.00E+00	5.18E-03
MU410A	2.11E-04	1.27E-01	1.68E-02	7.19E-02	0.00E+00	0.00E+00	1.03E+00	9.88E-07	9.43E-05	6.31E-04	0.00E+00	1.79E-03	7.93E-09	2.26E-10	1.05E-02	2.12E-04	5.92E-03	7.17E-08	1.31E-04	2.58E-02	7.07E-01	0.00E+00	9.77E-10	1.25E-09	1.46E-04	4.04E-06	9.46E-02	0.00E+00	7.07E-01	1.68E-09	7.07E-01	8.02E-01	9.46E-02	0.00E+00	0.00E+00	0.00E+00	5.74E-03
MU416A	1.41E-04	7.81E-02	1.14E-02	4.88E-02	0.00E+00	0.00E+00	6.99E-01	6.70E-07	6.43E-05	4.20E-04	0.00E+00	1.21E-03	5.38E-09	1.55E-10	7.19E-03	1.39E-04	4.02E-03	3.55E-08	8.78E-05	1.83E-02	4.75E-01	0.00E+00	6.52E-10	8.38E-10	9.74E-05	2.63E-06	6.35E-02	0.00E+00	4.75E-01	1.14E-09	4.75E-01	5.38E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
MU420A	9.92E-05	4.85E-02	8.16E-03	3.51E-02	0.00E+00	0.00E+00	5.05E-01	4.82E-07	4.65E-05	2.95E-04	0.00E+00	8.62E-04	3.87E-09	1.12E-10	5.21E-03	9.63E-05	2.89E-03	1.33E-08	6.20E-05	1.39E-02	3.37E-01	0.00E+00	4.58E-10	5.91E-10	6.87E-05	1.79E-06	4.49E-02	0.00E+00	3.37E-01	8.18E-10	3.37E-01	3.81E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MU425A	1.05E-04	5.08E-02	8.67E-03	3.73E-02	0.00E+00	0.00E+00	5.37E-01	5.12E-07	4.94E-05	3.12E-04	0.00E+00	9.15E-04	4.11E-09	1.20E-10	5.53E-03	1.02E-04	3.07E-03	1.31E-08	6.58E-05	1.48E-02	3.57E-01	0.00E+00	4.85E-10	6.27E-10	7.28E-05	1.90E-06	4.77E-02	0.00E+00	3.57E-01	8.69E-10	3.57E-01	4.05E-01	4.77E-02	0.00E+00	0.00E+00	0.00E+00	2.83E-03
MU432A	1.45E-04	7.78E-02	1.17E-02	5.05E-02	0.00E+00	0.00E+00	7.23E-01	6.92E-07	6.65E-05	4.31E-04	0.00E+00	1.25E-03	5.56E-09	1.60E-10	7.44E-03	1.43E-04	4.15E-03	3.22E-08	9.03E-05	1.92E-02	4.89E-01	0.00E+00	6.69E-10	8.61E-10	1.00E-04	2.68E-06	6.53E-02	0.00E+00	4.89E-01	1.18E-09	4.89E-01	5.54E-01	6.53E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
MU440A	1.19E-04	6.01E-02	9.76E-03	4.20E-02	0.00E+00	0.00E+00	6.03E-01	5.76E-07	5.55E-05	3.54E-04	0.00E+00	1.03E-03	4.63E-09	1.34E-10	6.21E-03	1.16E-04	3.45E-03	1.93E-08	7.44E-05	1.64E-02	4.04E-01	0.00E+00	5.50E-10	7.10E-10	8.25E-05	2.17E-06	5.39E-02	0.00E+00	4.04E-01	9.78E-10	4.04E-01	4.58E-01	5.39E-02	0.00E+00	0.00E+00	0.00E+00	3.21E-03
MU450A	1.00E-04	4.55E-02	8.32E-03	3.58E-02	0.00E+00	0.00E+00	5.16E-01	4.91E-07	4.75E-05	2.97E-04	0.00E+00	8.75E-04	3.95E-09	1.15E-10	5.33E-03	9.62E-05	2.94E-03	7.32E-09	6.26E-05	1.46E-02	3.41E-01	0.00E+00	4.61E-10	5.96E-10	6.93E-05	1.78E-06	4.54E-02	0.00E+00	3.41E-01	8.34E-10	3.41E-01	3.86E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
MU463A	1.51E-04	8.09E-02	1.23E-02	5.28E-02	0.00E+00	0.00E+00	7.56E-01	7.24E-07	6.95E-05	4.51E-04	0.00E+00	1.30E-03	5.82E-09	1.68E-10	7.78E-03	1.49E-04	4.34E-03	3.29E-08	9.43E-05	2.01E-02	5.11E-01	0.00E+00	6.99E-10	9.00E-10	1.05E-04	2.80E-06	6.82E-02	0.00E+00	5.11E-01	1.23E-09	5.11E-01	5.79E-01	6.82E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
MUN106A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN110A	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MUN116A	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MUN120A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN125A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN132A	3.60E-05	1.92E-02	2.92E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.72E-07	1.65E-05	1.07E-04	0.00E+00	3.10E-04	1.38E-09	3.99E-11	1.85E-03	3.54E-05	1.03E-03	7.74E-09	2.24E-05	4.78E-03	1.21E-01	0.00E+00	1.66E-10	2.14E-10	2.49E-05	6.65E-07	1.62E-02	0.00E+00	1.21E-01	2.92E-10	1.21E-01	1.38E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.72E-04
MUN140A	3.54E-05	1.88E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.77E-01	1.70E-07	1.63E-05	1.05E-04	0.00E+00	3.05E-04	1.36E-09	3.94E-11	1.83E-03	3.48E-05	1.02E-03	7.48E-09	2.21E-05	4.73E-03	1.20E-01	0.00E+00	1.64E-10	2.11E-10	2.45E-05	6.55E-07	1.60E-02	0.00E+00	1.20E-01	2.88E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.57E-04
MUN206A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN210A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN216A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN220A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN225A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN232A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN240A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN250A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN263A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN306A	1.04E-03	7.09E-01	7.99E-02	3.42E-01	0.00E+00	0.00E+00	4.86E+00	4.71E-06	4.46E-04	3.10E-03	0.00E+00	8.62E-03	3.77E-08	1.06E-09	4.97E-02	1.06E-03	2.82E-02	5.06E-07	6.39E-04	1.13E-01	3.43E+00	0.00E+00	4.80E-09	6.11E-09	7.13E-04	2.06E-05	4.60E-01	0.00E+00	3.43E+00	7.99E-09	3.43E+00	3.89E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-02
MUN310A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN316A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN320A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN325A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN332A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN340A	1.24E-03	8.49E-01	9.57E-02	4.10E-01	0.00E+00	0.00E+00	5.82E+00	5.64E-06	5.34E-04	3.72E-03	0.00E+00	1.03E-02	4.52E-08	1.27E-09	5.95E-02	1.27E-03	3.38E-02	6.06E-07	7.65E-04	1.35E-01	4.11E+00	0.00E+00	5.75E-09	7.32E-09	8.54E-04	2.46E-05	5.51E-01	0.00E+00	4.11E+00	9.57E-09	4.11E+00	4.66E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	3.39E-02
MUN363A	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MUN406A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN410A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN416A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN420A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN425A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN432A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN440A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN450A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN463A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN506A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN510A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN516A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN520A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN525A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN532A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN540A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN606A	1.55E-04	8.89E-02	1.24E-02	5.34E-02	0.00E+00	0.00E+00	7.64E-01	7.34E-07	7.02E-05	4.63E-04	0.00E+00	1.33E-03	5.89E-09	1.69E-10	7.85E-03	1.54E-04	4.40E-03	4.44E-08	9.65E-05	1.97E-02	5.22E-01	0.00E+00	7.18E-10	9.22E-10	1.07E-04	2.93E-06	6.98E-02	0.00E+00	5.22E-01	1.25E-09	5.22E-01	5.91E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-03
MUN610A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN616A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN620A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN625A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN632A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN640A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN650A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN663A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MV106	4.48E-05	2.63E-02	3.57E-03	1.53E-02	0.00E+00	0.00E+00	2.19E-01	2.11E-07	2.01E-05	1.34E-04	0.00E+00	3.81E-04	1.69E-09	4.84E-11	2.25E-03	4.47E-05	1.26E-03	1.40E-08	2.78E-05	5.58E-03	1.50E-01	0.00E+00	2.07E-10	2.66E-10	3.09E-05	8.51E-07	2.01E-02	0.00E+00	1.50E-01	3.58E-10	1.50E-01	1.70E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MV106Z	1.34E-05	4.40E-03	1.16E-03	5.03E-03	0.00E+00	0.00E+00	7.29E-02	6.87E-08	6.71E-06	3.97E-05	0.00E+00	1.21E-04	5.54E-10	1.64E-11	7.55E-04	1.25E-05	4.12E-04	2.12E-09	8.49E-06	2.23E-03	4.65E-02	0.00E+00	6.18E-11	8.06E-11	9.35E-06	2.23E-07	6.18E-03	0.00E+00	4.65E-02	1.17E-10	4.65E-02	5.26E-02	6.18E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MV110	3.15E-04	2.16E-01	2.43E-02	1.04E-01	0.00E+00	0.00E+00	1.48E+00	1.43E-06	1.36E-04	9.44E-04	0.00E+00	2.62E-03	1.15E-08	3.24E-10	1.51E-02	3.23E-04	8.59E-03	1.54E-07	1.94E-04	3.43E-02	1.04E+00	0.00E+00	1.46E-09	1.86E-09	2.17E-04	6.26E-06	1.40E-01	0.00E+00	1.04E+00	2.43E-09	1.04E+00	1.18E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	8.62E-03
MV110Z	1.18E-05	3.27E-03	1.04E-03	4.50E-03	0.00E+00	0.00E+00	6.54E-02	6.14E-08	6.03E-06	3.49E-05	0.00E+00	1.08E-04	4.96E-10	1.48E-11	6.79E-04	1.08E-05	3.69E-04	2.97E-09	7.51E-06	2.06E-03	4.12E-02	0.00E+00	5.44E-11	7.12E-11	8.25E-06	1.91E-07	5.47E-03	0.00E+00	4.12E-02	1.04E-10	4.12E-02	4.66E-02	5.47E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MV116	8.99E-06	1.80E-03	8.09E-04	3.51E-03	0.00E+00	0.00E+00	5.12E-02	4.78E-08	4.72E-06	2.64E-05	0.00E+00	8.31E-05	3.86E-10	1.16E-11	5.32E-04	8.04E-06	2.87E-04	3.51E-09	5.74E-06	1.68E-03	3.16E-02	0.00E+00	4.12E-11	5.43E-11	6.28E-06	1.39E-07	4.19E-03	0.00E+00	3.16E-02	8.13E-11	3.16E-02	3.58E-02	4.19E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MV116Z	1.04E-05	2.18E-03	9.36E-04	4.06E-03	0.00E+00	0.00E+00	5.91E-02	5.53E-08	5.45E-06	3.07E-05	0.00E+00	9.63E-05	4.47E-10	1.34E-11	6.15E-04	9.35E-06	3.32E-04	3.90E-09	6.65E-06	1.93E-03	3.66E-02	0.00E+00	4.79E-11	6.30E-11	7.28E-06	1.62E-07	4.86E-03	0.00E+00	3.66E-02	9.41E-11	3.66E-02	4.14E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MV120	1.09E-05	3.03E-03	9.54E-04	4.13E-03	0.00E+00	0.00E+00	6.00E-02	5.64E-08	5.53E-06	3.20E-05	0.00E+00	9.88E-05	4.55E-10	1.36E-11	6.23E-04	9.94E-06	3.38E-04	2.67E-09	6.89E-06	1.89E-03	3.78E-02	0.00E+00	4.99E-11	6.53E-11	7.57E-06	1.76E-07	5.02E-03	0.00E+00	3.78E-02	9.58E-11	3.78E-02	4.28E-02	5.02E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
MV120Z	1.16E-05	2.90E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.42E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.75E-04	1.05E-05	3.65E-04	3.49E-09	7.39E-06	2.08E-03	4.06E-02	0.00E+00	5.33E-11	7.00E-11	8.10E-06	1.85E-07	5.39E-03	0.00E+00	4.06E-02	1.03E-10	4.06E-02	4.59E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
MV125	1.42E-05	4.63E-03	1.23E-03	5.32E-03	0.00E+00	0.00E+00	7.72E-02	7.27E-08	7.11E-06	4.20E-05	0.00E+00	1.28E-04	5.86E-10	1.74E-11	8.00E-04	1.32E-05	4.36E-04	2.30E-09	8.99E-06	2.36E-03	4.92E-02	0.00E+00	6.54E-11	8.53E-11	9.89E-06	2.36E-07	6.54E-03	0.00E+00	4.92E-02	1.24E-10	4.92E-02	5.57E-02	6.54E-03	0.00E+00	0.00E+00	0.00E+00	3.77E-04

MV125Z	1.25E-05	3.36E-03	1.10E-03	4.76E-03	0.00E+00	0.00E+00	6.91E-02	6.49E-08	6.37E-06	3.67E-05	0.00E+00	1.14E-04	5.24E-10	1.56E-11	7.18E-04	1.14E-05	3.89E-04	3.29E-09	7.92E-06	2.19E-03	4.34E-02	0.00E+00	5.73E-11	7.50E-11	8.69E-06	2.01E-07	5.77E-03	0.00E+00	4.34E-02	1.10E-10	4.34E-02	4.92E-02	5.77E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
MV132	2.86E-05	1.42E-02	2.35E-03	1.01E-02	0.00E+00	0.00E+00	1.45E-01	1.39E-07	1.34E-05	8.50E-05	0.00E+00	2.48E-04	1.11E-09	3.23E-11	1.50E-03	2.78E-05	8.31E-04	4.18E-09	1.79E-05	3.98E-03	9.70E-02	0.00E+00	1.32E-10	1.70E-10	1.98E-05	5.19E-07	1.30E-02	0.00E+00	9.70E-02	2.35E-10	9.70E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.70E-04
MV132Z	2.69E-05	1.30E-02	2.22E-03	9.57E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	8.00E-05	0.00E+00	2.34E-04	1.05E-09	3.07E-11	1.42E-03	2.61E-05	7.86E-04	3.24E-09	1.68E-05	3.81E-03	9.14E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.85E-07	1.22E-02	0.00E+00	9.14E-02	2.23E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.24E-04
MV140	3.03E-05	1.53E-02	2.48E-03	1.07E-02	0.00E+00	0.00E+00	1.53E-01	1.46E-07	1.41E-05	9.01E-05	0.00E+00	2.62E-04	1.18E-09	3.41E-11	1.58E-03	2.96E-05	8.77E-04	5.01E-09	1.89E-05	4.16E-03	1.03E-01	0.00E+00	1.40E-10	1.80E-10	2.10E-05	5.53E-07	1.37E-02	0.00E+00	1.03E-01	2.48E-10	1.03E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.16E-04
MV140Z	2.85E-05	1.40E-02	2.34E-03	1.01E-02	0.00E+00	0.00E+00	1.45E-01	1.38E-07	1.33E-05	8.47E-05	0.00E+00	2.48E-04	1.11E-09	3.23E-11	1.49E-03	2.77E-05	8.30E-04	4.01E-09	1.78E-05	3.98E-03	9.67E-02	0.00E+00	1.32E-10	1.70E-10	1.97E-05	5.17E-07	1.29E-02	0.00E+00	9.67E-02	2.35E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MV206	1.07E-04	6.44E-02	8.47E-03	3.63E-02	0.00E+00	0.00E+00	5.19E-01	5.00E-07	4.77E-05	3.19E-04	0.00E+00	9.05E-04	4.01E-09	1.14E-10	5.33E-03	1.07E-04	3.00E-03	3.65E-08	6.63E-05	1.30E-02	3.57E-01	0.00E+00	4.94E-10	6.33E-10	7.37E-05	2.04E-06	4.78E-02	0.00E+00	3.57E-01	8.48E-10	3.57E-01	4.05E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
MV210	8.95E-05	5.25E-02	7.13E-03	3.06E-02	0.00E+00	0.00E+00	4.37E-01	4.20E-07	4.02E-05	2.67E-04	0.00E+00	7.61E-04	3.37E-09	9.66E-11	4.49E-03	8.92E-05	2.52E-03	2.80E-08	5.55E-05	1.11E-02	3.00E-01	0.00E+00	4.14E-10	5.30E-10	6.17E-05	1.70E-06	4.01E-02	0.00E+00	3.00E-01	7.14E-10	3.00E-01	3.40E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
MV216	6.38E-04	4.36E-01	4.91E-02	2.10E-01	0.00E+00	0.00E+00	2.99E+00	2.90E-06	2.74E-04	1.91E-03	0.00E+00	5.30E-03	2.32E-08	6.54E-10	3.06E-02	6.52E-04	1.74E-02	3.11E-07	3.93E-04	6.94E-02	2.11E+00	0.00E+00	2.95E-09	3.76E-09	4.38E-04	1.27E-05	2.83E-01	0.00E+00	2.11E+00	4.92E-09	2.11E+00	2.39E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-02
MV220	4.44E-05	2.08E-02	3.68E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.32E-04	0.00E+00	3.87E-04	1.74E-09	5.08E-11	2.35E-03	4.28E-05	1.30E-03	4.28E-09	2.78E-05	6.37E-03	1.51E-01	0.00E+00	2.05E-10	2.65E-10	3.07E-05	7.94E-07	2.01E-02	0.00E+00	1.51E-01	3.68E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
MV225	1.25E-05	1.75E-03	1.24E-03	5.41E-03	0.00E+00	0.00E+00	7.99E-02	7.32E-08	7.38E-06	3.62E-05	0.00E+00	1.24E-04	5.95E-10	1.85E-11	8.39E-04	1.00E-05	4.39E-04	1.26E-08	8.17E-06	3.01E-03	4.56E-02	0.00E+00	5.69E-11	7.67E-11	8.82E-06	1.55E-07	6.02E-03	0.00E+00	4.56E-02	1.25E-10	4.56E-02	5.16E-02	6.02E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
MV232	5.93E-05	2.99E-02	4.86E-03	2.09E-02	0.00E+00	0.00E+00	3.00E-01	2.87E-07	2.76E-05	1.76E-04	0.00E+00	5.14E-04	2.30E-09	6.67E-11	3.09E-03	5.78E-05	1.72E-03	9.64E-09	3.70E-05	8.17E-03	2.01E-01	0.00E+00	2.74E-10	3.53E-10	4.10E-05	1.08E-06	2.68E-02	0.00E+00	2.01E-01	4.87E-10	2.01E-01	2.28E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MV240	5.93E-05	2.99E-02	4.86E-03	2.09E-02	0.00E+00	0.00E+00	3.00E-01	2.87E-07	2.76E-05	1.76E-04	0.00E+00	5.14E-04	2.30E-09	6.67E-11	3.09E-03	5.78E-05	1.72E-03	9.64E-09	3.70E-05	8.17E-03	2.01E-01	0.00E+00	2.74E-10	3.53E-10	4.10E-05	1.08E-06	2.68E-02	0.00E+00	2.01E-01	4.87E-10	2.01E-01	2.28E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MV306	1.33E-04	7.83E-02	1.06E-02	4.56E-02	0.00E+00	0.00E+00	6.52E-01	6.27E-07	5.99E-05	3.98E-04	0.00E+00	1.13E-03	5.03E-09	1.44E-10	6.70E-03	1.33E-04	3.76E-03	4.16E-08	8.28E-05	1.66E-02	4.47E-01	0.00E+00	6.17E-10	7.91E-10	9.21E-05	2.53E-06	5.98E-02	0.00E+00	4.47E-01	1.06E-09	4.47E-01	5.07E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
MV310	1.39E-04	8.18E-02	1.10E-02	4.73E-02	0.00E+00	0.00E+00	6.76E-01	6.50E-07	6.22E-05	4.13E-04	0.00E+00	1.18E-03	5.22E-09	1.49E-10	6.94E-03	1.38E-04	3.90E-03	4.41E-08	8.60E-05	1.72E-02	4.64E-01	0.00E+00	6.41E-10	8.21E-10	9.56E-05	2.63E-06	6.21E-02	0.00E+00	4.64E-01	1.10E-09	4.64E-01	5.26E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
MV316	1.00E-04	5.50E-02	8.11E-03	3.49E-02	0.00E+00	0.00E+00	4.99E-01	4.78E-07	4.59E-05	2.99E-04	0.00E+00	8.62E-04	3.84E-09	1.11E-10	5.13E-03	9.92E-05	2.87E-03	2.43E-08	6.25E-05	1.31E-02	3.38E-01	0.00E+00	4.64E-10	5.97E-10	6.94E-05	1.87E-06	4.52E-02	0.00E+00	3.38E-01	8.12E-10	3.38E-01	3.84E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MV320	7.23E-05	3.52E-02	5.96E-03	2.57E-02	0.00E+00	0.00E+00	3.69E-01	3.52E-07	3.39E-05	2.15E-04	0.00E+00	6.29E-04	2.83E-09	8.21E-11	3.80E-03	7.02E-05	2.11E-03	9.37E-09	4.52E-05	1.02E-02	2.46E-01	0.00E+00	3.34E-10	4.31E-10	5.01E-05	1.31E-06	3.28E-02	0.00E+00	2.46E-01	5.97E-10	2.46E-01	2.78E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
MV325	2.43E-05	1.30E-03	2.29E-03	9.94E-03	0.00E+00	0.00E+00	1.46E-01	1.35E-07	1.35E-05	7.11E-05	0.00E+00	2.32E-04	1.09E-09	3.35E-11	1.52E-03	2.08E-05	8.11E-04	1.60E-08	1.57E-05	5.11E-03	8.70E-02	0.00E+00	1.11E-10	1.48E-10	1.71E-05	3.45E-07	1.15E-02	0.00E+00	8.70E-02	2.30E-10	8.70E-02	9.85E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04
MV332	9.65E-05	5.02E-02	7.86E-03	3.38E-02	0.00E+00	0.00E+00	4.85E-01	4.64E-07	4.46E-05	2.87E-04	0.00E+00	8.33E-04	3.73E-09	1.08E-10	5.00E-03	9.45E-05	2.78E-03	1.84E-08	6.02E-05	1.30E-02	3.26E-01	0.00E+00	4.46E-10	5.74E-10	6.68E-05	1.77E-06	4.36E-02	0.00E+00	3.26E-01	7.88E-10	3.26E-01	3.70E-01	4.36E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
MV340	8.05E-05	3.91E-02	6.63E-03	2.85E-02	0.00E+00	0.00E+00	4.10E-01	3.91E-07	3.77E-05	2.39E-04	0.00E+00	7.00E-04	3.15E-09	9.14E-11	4.23E-03	7.81E-05	2.35E-03	1.03E-08	5.03E-05	1.13E-02	2.73E-01	0.00E+00	3.71E-10	4.79E-10	5.57E-05	1.45E-06	3.65E-02	0.00E+00	2.73E-01	6.65E-10	2.73E-01	3.10E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
MV406	1.83E-04	1.08E-01	1.46E-02	6.25E-02	0.00E+00	0.00E+00	8.93E-01	8.59E-07	8.21E-05	5.45E-04	0.00E+00	1.55E-03	6.89E-09	1.97E-10	9.17E-03	1.82E-04	5.15E-03	5.78E-08	1.13E-04	2.27E-02	6.13E-01	0.00E+00	8.46E-10	1.08E-09	1.26E-04	3.47E-06	8.20E-02	0.00E+00	6.13E-01	1.46E-09	6.13E-01	6.95E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	4.96E-03
MV410	1.85E-04	1.09E-01	1.47E-02	6.31E-02	0.00E+00	0.00E+00	9.02E-01	8.67E-07	8.29E-05	5.51E-04	0.00E+00	1.57E-03	6.96E-09	1.99E-10	9.26E-03	1.84E-04	5.20E-03	5.87E-08	1.15E-04	2.29E-02	6.19E-01	0.00E+00	8.54E-10	1.09E-09	1.27E-04	3.51E-06	8.28E-02	0.00E+00	6.19E-01	1.47E-09	6.19E-01	7.02E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	5.01E-03
MV416	1.29E-03	8.84E-01	9.97E-02	4.27E-01	0.00E+00	0.00E+00	6.06E+00	5.88E-06	5.57E-04	3.87E-03	0.00E+00	1.08E-02	4.71E-08	1.33E-09	6.20E-02	1.32E-03	3.52E-02	6.32E-07	7.97E-04	1.41E-01	4.28E+00	0.00E+00	5.99E-09	7.63E-09	8.90E-04	2.57E-05	5.74E-01	0.00E+00	4.28E+00	9.98E-09	4.28E+00	4.86E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
MV420	8.54E-05	3.92E-02	7.10E-03	3.06E-02	0.00E+00	0.00E+00	4.40E-01	4.19E-07	4.05E-05	2.53E-04	0.00E+00	7.47E-04	3.37E-09	9.83E-11	4.54E-03	8.23E-05	2.51E-03	6.84E-09	5.35E-05	1.24E-02	2.91E-01	0.00E+00	3.94E-10	5.09E-10	5.92E-05	1.52E-06	3.88E-02	0.00E+00	2.91E-01	7.11E-10	2.91E-01	3.30E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
MV425	3.55E-05	3.83E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.09E-01	1.94E-07	1.93E-05	1.04E-04	0.00E+00	3.35E-04	1.57E-09	4.78E-11	2.18E-03	3.09E-05	1.17E-03	1.98E-08	2.28E-05	7.16E-03	1.26E-01	0.00E+00	1.63E-10	2.16E-10	2.49E-05	5.21E-07	1.67E-02	0.00E+00	1.26E-01	3.31E-10	1.26E-01	1.43E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04
MV432	1.23E-04	6.31E-02	1.01E-02	4.34E-02	0.00E+00	0.00E+00	6.22E-01	5.95E-07	5.72E-05	3.67E-04	0.00E+00	1.07E-03	4.78E-09	1.38E-10	6.41E-03	1.21E-04	3.57E-03	2.17E-08	7.70E-05	1.68E-02	4.17E-01	0.00E+00	5.70E-10	7.34E-10	8.54E-05	2.26E-06	5.58E-02	0.00E+00	4.17E-01	1.01E-09	4.17E-01	4.73E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-03
MV440	1.08E-04	5.26E-02	8.92E-03	3.84E-02	0.00E+00	0.00E+00	5.52E-01	5.26E-07	5.08E-05	3.22E-04	0.00E+00	9.42E-04	4.23E-09	1.23E-10	5.69E-03	1.05E-04	3.16E-03	1.40E-08	6.77E-05	1.52E-02	3.67E-01	0.00E+00	5.00E-10	6.45E-10	7.50E-05	1.96E-06	4.91E-02	0.00E+00	3.67E-01	8.94E-10	3.67E-01	4.16E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	2.91E-03
MW106	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW110	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW116	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW120	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW206	9.18E-05	5.41E-02	7.31E-03	3.14E-02	0.00E+00	0.00E+00	4.48E-01	4.31E-07	4.12E-05	2.74E-04	0.00E+00	7.80E-04	3.46E-09	9.90E-11	4.60E-03	9.16E-05	2.58E-03	2.91E-08	5.70E-05	1.14E-02	3.08E-01	0.00E+00	4.25E-10	5.44E-10	6.34E-05	1.74E-06	4.12E-02	0.00E+00	3.08E-01	7.32E-10	3.08E-01	3.49E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MW210	8.94E-05	5.25E-02	7.12E-03	3.06E-02	0.00E+00	0.00E+00	4.37E-01	4.20E-07	4.02E-05	2.67E-04	0.00E+00	7.60E-04	3.37E-09	9.65E-11	4.49E-03	8.92E-05	2.52E-03	2.80E-08	5.55E-05	1.11E-02	3.00E-01	0.00E+00	4.14E-10	5.30E-10	6.17E-05	1.70E-06	4.01E-02	0.00E+00	3.00E-01	7.13E-10	3.00E-01	3.40E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
MW216	6.36E-04	4.34E-01	4.90E-02	2.10E-01	0.00E+00	0.00E+00	2.98E+00	2.89E-06	2.74E-04	1.90E-03	0.00E+00	5.28E-03	2.31E-08	6.52E-10	3.05E-02	6.50E-04	1.73E-02	3.10E-07	3.92E-04	6.92E-02	2.10E+00	0.00E+00	2.94E-09	3.75E-09	4.37E-04	1.26E-05	2.82E-01	0.00E+00	2.10E+00	4.90E-09	2.10E+00	2.39E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-02
MW220	6.55E-04	4.48E-01	5.05E-02	2.16E-01	0.00E+00	0.00E+00	3.07E+00	2.98E-06	2.82E-04	1.96E-03	0.00E+00	5.44E-03	2.38E-08	6.72E-10	3.14E-02	6.70E-04	1.78E-02	3.20E-07	4.03E-04	7.13E-02	2.17E+00	0.00E+00	3.03E-09	3.86E-09	4.50E-04	1.30E-05	2.91E-01	0.00E+00	2.17E+00	5.05E-09	2.17E+00	2.46E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
MW225	1.58E-05	4.66E-04	1.49E-03	6.50E-03	0.00E+00	0.00E+00	9.54E-02	8.82E-08	8.80E-06	4.61E-05	0.00E+00	1.51E-04	7.15E-10	2.19E-11	9.97E-04	1.34E-05	5.30E-04	1.10E-08	1.02E-05	3.38E-03	5.65E-02	0.00E+00	7.22E-11	9.61E-11	1.11E-05	2.20E-07	7.48E-03	0.00E+00	5.65E-02	1.50E-10	5.65E-02	6.40E-02	7.48E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04
MW232	6.10E-05	3.11E-02	4.99E-03	2.15E-02	0.00E+00	0.00E+00	3.08E-01	2.94E-07	2.83E-05	1.81E-04	0.00E+00	5.28E-04	2.37E-09	6.85E-11	3.17E-03	5.96E-05	1.77E-03	1.05E-08	3.81E-05	8.35E-03	2.07E-01	0.00E+00	2.82E-10	3.63E-10	4.22E-05	1.12E-06	2.76E-02	0.00E+00	2.07E-01	5.00E-10	2.07E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
MW240	6.37E-05	3.29E-02	5.19E-03	2.23E-02	0.00E+00	0.00E+00	3.20E-01	3.06E-07	2.95E-05	1.89E-04	0.00E+00	5.50E-04	2.46E-09	7.12E-11	3.30E-03	6.23E-05	1.84E-03	1.18E-08	3.97E-05	8.64E-03	2.15E-01	0.00E+00	2.94E-10	3.79E-10	4.40E-05	1.17E-06	2.88E-02	0.00E+00	2.15E-01	5.20E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
MW306	1.39E-04	8.18E-02	1.10E-02	4.73E-02	0.00E+00	0.00E+00	6.76E-01	6.50E-07	6.22E-05	4.13E-04	0.00E+00	1.18E-03	5.22E-09	1.49E-10	6.94E-03	1.38E-04	3.90E-03	4.41E-08	8.60E-05	1.72E-02	4.64E-01	0.00E+00	6.41E-10	8.21E-10	9.56E-05	2.63E-06	6.21E-02	0.00E+00	4.64E-01	1.10E-09	4.64E-01	5.26E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
MW310	1.33E-04	7.83E-02	1.06E-02	4.56E-02	0.00E+00	0.00E+00	6.52E-01	6.27E-07	5.99E-05	3.98E-04	0.00E+00	1.13E-03	5.03E-09	1.44E-10	6.70E-03	1.33E-04	3.76E-03	4.16E-08	8.28E-05	1.66E-02	4.47E-01	0.00E+00	6.17E-10	7.91E-10	9.21E-05	2.53E-06	5.98E-02	0.00E+00	4.47E-01	1.06E-09	4.47E-01	5.07E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
MW316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MW320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW350	9.55E-05	4.84E-02	7.81E-03	3.36E-02	0.00E+00	0.00E+00	4.83E-01	4.61E-07	4.44E-05	2.84E-04	0.00E+00	8.27E-04	3.71E-09	1.07E-10	4.97E-03	9.32E-05	2.77E-03	1.60E-08	5.96E-05	1.31E-02	3.23E-01	0.00E+00	4.41E-10	5.68E-10	6.61E-05	1.74E-06	4.32E-02	0.00E+00	3.23E-01	7.83E-10	3.23E-01	3.66E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
MW363	1.06E-04	5.57E-02	8.64E-03	3.71E-02	0.00E+00	0.00E+00	5.33E-01	5.10E-07	4.90E-05	3.16E-04	0.00E+00	9.15E-04	4.09E-09	1.18E-10	5.48E-03	1.04E-04	3.06E-03	2.12E-08	6.62E-05	1.43E-02	3.59E-01	0.00E+00	4.90E-10	6.31E-10	7.34E-05	1.96E-06	4.79E-02	0.00E+00	3.59E-01	8.65E-10	3.59E-01	4.07E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
MW406	1.88E-04	1.11E-01	1.49E-02	6.42E-02	0.00E+00	0.00E+00	9.17E-01	8.82E-07	8.43E-05	5.61E-04	0.00E+00	1.60E-03	7.07E-09	2.02E-10	9.41E-03	1.88E-04	5.29E-03	6.03E-08	1.17E-04	2.32E-02	6.30E-01	0.00E+00	8.69E-10	1.11E-09	1.30E-04	3.57E-06	8.42E-02	0.00E+00	6.30E-01	1.50E-09	6.30E-01	7.14E-01	8.42E-02	0.00E+00	0.00E+00	0.00E+00	5.10E-03
MW410	1.88E-04	1.11E-01	1.49E-02	6.42E-02	0.00E+00	0.00E+00	9.17E-01	8.82E-07	8.43E-05	5.61E-04	0.00E+00	1.60E-03	7.07E-09	2.02E-10	9.41E-03	1.88E-04	5.29E-03	6.03E-08	1.17E-04	2.32E-02	6.30E-01	0.00E+00	8.69E-10	1.11E-09	1.30E-04	3.57E-06	8.42E-02	0.00E+00	6.30E-01	1.50E-09	6.30E-01	7.14E-01	8.42E-02	0.00E+00	0.00E+00	0.00E+00	5.10E-03
MW416	1.79E-04	1.04E-01	1.43E-02	6.14E-02	0.00E+00	0.00E+00	8.78E-01	8.44E-07	8.07E-05	5.34E-04	0.00E+00	1.53E-03	6.77E-09	1.94E-10	9.02E-03	1.78E-04	5.06E-03	5.42E-08	1.11E-04	2.25E-02	6.01E-01	0.00E+00	8.29E-10	1.06E-09	1.24E-04	3.39E-06	8.04E-02	0.00E+00	6.01E-01	1.43E-09	6.01E-01	6.81E-01	8.04E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
MW420	1.15E-04	5.93E-02	9.36E-03	4.03E-02	0.00E+00	0.00E+00	5.78E-01	5.52E-07	5.31E-05	3.41E-04	0.00E+00	9.91E-04	4.44E-09	1.28E-10	5.95E-03	1.12E-04	3.31E-03	2.12E-08	7.16E-05	1.56E-02	3.88E-01	0.00E+00	5.30E-10	6.83E-10	7.94E-05	2.11E-06	5.18E-02	0.00E+00	3.88E-01	9.38E-10	3.88E-01	4.40E-01	5.18E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
MW425	3.18E-06	2.31E-02	3.17E-04	1.58E-03	0.00E+00	0.00E+00	2.88E-02	1.91E-08	2.73E-06	1.18E-05	0.00E+00	1.43E-05	1.71E-10	8.39E-12	3.38E-04	8.80E-06	1.17E-04	3.96E-08	9.77E-07	3.03E-03	1.71E-03	0.00E+00	1.65E-11	1.25E-11	1.69E-06	2.51E-07	4.25E-04	0.00E+00	1.71E-03	3.36E-11	1.71E-03	2.13E-03	4.25E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MW432	1.25E-04	6.43E-02	1.02E-02	4.39E-02	0.00E+00	0.00E+00	6.30E-01	6.02E-07	5.80E-05	3.72E-04	0.00E+00	1.08E-03	4.84E-09	1.40E-10	6.49E-03	1.22E-04	3.61E-03	2.25E-08	7.80E-05	1.70E-02	4.23E-01	0.00E+00	5.77E-10	7.44E-10	8.65E-05	2.29E-06	5.65E-02	0.00E+00	4.23E-01	1.02E-09	4.23E-01	4.79E-01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	3.37E-03
MW440	1.01E-04	4.79E-02	8.39E-03	3.61E-02	0.00E+00	0.00E+00	5.20E-01	4.95E-07	4.78E-05	3.01E-04	0.00E+00	8.84E-04	3.98E-09	1.16E-10	5.36E-03	9.80E-05	2.97E-03	1.06E-08	6.35E-05	1.45E-02	3.45E-01	0.00E+00	4.68E-10	6.04E-10	7.02E-05	1.82E-06	4.60E-02	0.00E+00	3.45E-01	8.41E-10	3.45E-01	3.91E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MWN102A	2.58E-05	1.21E-02	2.13E-03	9.19E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.65E-05	0.00E+00	2.25E-04	1.01E-09	2.95E-11	1.36E-03	2.49E-05	7.55E-04	2.58E-09	1.61E-05	3.69E-03	8.76E-02	0.00E+00	1.19E-10	1.54E-10	1.78E-05	4.62E-07	1.17E-02	0.00E+00	8.76E-02	2.14E-10	8.76E-02	9.93E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.92E-04
MWN104A	3.68E-05	1.99E-02	2.98E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.76E-07	1.69E-05	1.10E-04	0.00E+00	3.17E-04	1.41E-09	4.07E-11	1.89E-03	3.63E-05	1.05E-03	8.42E-09	2.29E-05	4.86E-03	1.24E-01	0.00E+00	1.70E-10	2.19E-10	2.55E-05	6.84E-07	1.66E-02	0.00E+00	1.24E-01	2.99E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.96E-04
MWN106	1.02E-05	2.66E-03	9.06E-04	3.92E-03	0.00E+00	0.00E+00	5.70E-02	5.35E-08	5.26E-06	3.02E-05	0.00E+00	9.36E-05	4.32E-10	1.29E-11	5.93E-04	9.32E-06	3.21E-04	2.89E-09	6.51E-06	1.81E-03	3.57E-02	0.00E+00	4.71E-11	6.17E-11	7.15E-06	1.64E-07	4.75E-03	0.00E+00	3.57E-02	9.10E-11	3.57E-02	4.05E-02	4.75E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
MWN106A	3.11E-05	1.69E-02	2.52E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.42E-05	9.27E-05	0.00E+00	2.67E-04	1.19E-09	3.43E-11	1.59E-03	3.07E-05	8.90E-04	7.30E-09	1.94E-05	4.09E-03	1.05E-01	0.00E+00	1.44E-10	1.85E-10	2.15E-05	5.79E-07	1.40E-02	0.00E+00	1.05E-01	2.52E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.41E-04
MWN110	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN110A	3.58E-05	2.01E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.77E-01	1.70E-07	1.63E-05	1.07E-04	0.00E+00	3.06E-04	1.36E-09	3.92E-11	1.82E-03	3.55E-05	1.02E-03	9.59E-09	2.23E-05	4.60E-03	1.20E-01	0.00E+00	1.66E-10	2.13E-10	2.47E-05	6.72E-07	1.61E-02	0.00E+00	1.20E-01	2.88E-10	1.20E-01	1.37E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.70E-04
MWN116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MWN116A	1.15E-05	3.26E-03	1.01E-03	4.38E-03	0.00E+00	0.00E+00	6.37E-02	5.98E-08	5.86E-06	3.40E-05	0.00E+00	1.05E-04	4.83E-10	1.44E-11	6.61E-04	1.06E-05	3.59E-04	2.77E-09	7.32E-06	2.00E-03	4.01E-02	0.00E+00	5.30E-11	6.94E-11	8.04E-06	1.87E-07	5.33E-03	0.00E+00	4.01E-02	1.02E-10	4.01E-02	4.54E-02	5.33E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MWN120	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MWN120A	9.77E-06	1.95E-03	8.80E-04	3.82E-03	0.00E+00	0.00E+00	5.57E-02	5.20E-08	5.13E-06	2.87E-05	0.00E+00	9.04E-05	4.20E-10	1.27E-11	5.79E-04	8.74E-06	3.12E-04	3.82E-09	6.24E-06	1.82E-03	3.43E-02	0.00E+00	4.49E-11	5.91E-11	6.83E-06	1.51E-07	4.56E-03	0.00E+00	3.43E-02	8.84E-11	3.43E-02	3.89E-02	4.56E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MWN125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN125A	1.04E-05	2.24E-03	9.31E-04	4.04E-03	0.00E+00	0.00E+00	5.88E-02	5.50E-08	5.42E-06	3.06E-05	0.00E+00	9.58E-05	4.44E-10	1.34E-11	6.12E-04	9.33E-06	3.30E-04	3.77E-09	6.63E-06	1.91E-03	3.64E-02	0.00E+00	4.77E-11	6.27E-11	7.26E-06	1.62E-07	4.84E-03	0.00E+00	3.64E-02	9.35E-11	3.64E-02	4.13E-02	4.84E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MWN132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN132A	4.13E-05	2.30E-02	3.32E-03	1.43E-02	0.00E+00	0.00E+00	2.04E-01	1.96E-07	1.88E-05	1.23E-04	0.00E+00	3.53E-04	1.57E-09	4.53E-11	2.10E-03	4.08E-05	1.18E-03	1.07E-08	2.57E-05	5.33E-03	1.39E-01	0.00E+00	1.91E-10	2.45E-10	2.85E-05	7.72E-07	1.86E-02	0.00E+00	1.39E-01	3.33E-10	1.39E-01	1.57E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
MWN140	2.99E-05	1.50E-02	2.45E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.44E-07	1.39E-05	8.88E-05	0.00E+00	2.59E-04	1.16E-09	3.36E-11	1.56E-03	2.91E-05	8.66E-04	4.75E-09	1.86E-05	4.12E-03	1.01E-01	0.00E+00	1.38E-10	1.78E-10	2.07E-05	5.44E-07	1.35E-02	0.00E+00	1.01E-01	2.45E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.04E-04
MWN140A	5.57E-04	3.76E-01	4.31E-02	1.85E-01	0.00E+00	0.00E+00	2.62E+00	2.54E-06	2.41E-04	1.67E-03	0.00E+00	4.64E-03	2.03E-08	5.75E-10	2.68E-02	5.69E-04	1.52E-02	2.63E-07	3.44E-04	6.15E-02	1.85E+00	0.00E+00	2.58E-09	3.29E-09	3.83E-04	1.10E-05	2.48E-01	0.00E+00	1.85E+00	4.31E-09	1.85E+00	2.10E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
MWN150	1.13E-05	1.65E-03	1.03E-03	4.47E-03	0.00E+00	0.00E+00	6.53E-02	6.08E-08	6.02E-06	3.30E-05	0.00E+00	1.05E-04	4.92E-10	1.49E-11	6.81E-04	9.91E-06	3.65E-04	5.49E-09	7.21E-06	2.20E-03	3.98E-02	0.00E+00	5.16E-11	6.82E-11	7.88E-06	1.69E-07	5.28E-03	0.00E+00	3.98E-02	1.03E-10	3.98E-02	4.51E-02	5.28E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MWN202A	4.88E-05	2.25E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.45E-04	0.00E+00	4.27E-04	1.92E-09	5.61E-11	2.59E-03	4.70E-05	1.43E-03	4.09E-09	3.06E-05	7.06E-03	1.66E-01	0.00E+00	2.25E-10	2.91E-10	3.38E-05	8.71E-07	2.22E-02	0.00E+00	1.66E-01	4.06E-10	1.66E-01	1.88E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MWN204A	7.27E-05	3.93E-02	5.89E-03	2.53E-02	0.00E+00	0.00E+00	3.62E-01	3.47E-07	3.33E-05	2.17E-04	0.00E+00	6.25E-04	2.79E-09	8.04E-11	3.73E-03	7.17E-05	2.08E-03	1.66E-08	4.53E-05	9.59E-03	2.45E-01	0.00E+00	3.36E-10	4.32E-10	5.03E-05	1.35E-06	3.28E-02	0.00E+00	2.45E-01	5.90E-10	2.45E-01	2.78E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
MWN206	7.60E-05	4.34E-02	6.09E-03	2.62E-02	0.00E+00	0.00E+00	3.74E-01	3.59E-07	3.44E-05	2.27E-04	0.00E+00	6.49E-04	2.88E-09	8.28E-11	3.85E-03	7.55E-05	2.15E-03	2.15E-08	4.72E-05	9.66E-03	2.55E-01	0.00E+00	3.51E-10	4.51E-10	5.25E-05	1.43E-06	3.42E-02	0.00E+00	2.55E-01	6.10E-10	2.55E-01	2.89E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MWN206A	1.82E-05	4.00E-03	1.63E-03	7.07E-03	0.00E+00	0.00E+00	1.03E-01	9.63E-08	9.49E-06	5.36E-05	0.00E+00	1.68E-04	7.78E-10	2.34E-11	1.07E-03	1.64E-05	5.78E-04	6.47E-09	1.16E-05	3.34E-03	6.39E-02	0.00E+00	8.37E-11	1.10E-10	1.27E-05	2.86E-07	8.48E-03	0.00E+00	6.39E-02	1.64E-10	6.39E-02	7.24E-02	8.48E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04
MWN210	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN210A	1.77E-05	3.65E-03	1.59E-03	6.91E-03	0.00E+00	0.00E+00	1.01E-01	9.41E-08	9.28E-06	5.21E-05	0.00E+00	1.64E-04	7.60E-10	2.29E-11	1.05E-03	1.59E-05	5.65E-04	6.73E-09	1.13E-05	3.29E-03	6.22E-02	0.00E+00	8.14E-11	1.07E-10	1.24E-05	2.76E-07	8.26E-03	0.00E+00	6.22E-02	1.60E-10	6.22E-02	7.05E-02	8.26E-03	0.00E+00	0.00E+00	0.00E+00	4.66E-04
MWN216	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN216A	1.69E-05	2.95E-03	1.53E-03	6.65E-03	0.00E+00	0.00E+00	9.70E-02	9.05E-08	8.94E-06	4.96E-05	0.00E+00	1.57E-04	7.32E-10	2.21E-11	1.01E-03	1.50E-05	5.43E-04	7.36E-09	1.08E-05	3.22E-03	5.95E-02	0.00E+00	7.75E-11	1.02E-10	1.18E-05	2.58E-07	7.90E-03	0.00E+00	5.95E-02	1.54E-10	5.95E-02	6.74E-02	7.90E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-04
MWN220	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN220A	2.31E-05	6.97E-03	2.02E-03	8.72E-03	0.00E+00	0.00E+00	1.27E-01	1.19E-07	1.17E-05	6.81E-05	0.00E+00	2.09E-04	9.60E-10	2.86E-11	1.31E-03	2.13E-05	7.14E-04	4.74E-09	1.46E-05	3.93E-03	8.01E-02	0.00E+00	1.06E-10	1.39E-10	1.61E-05	3.79E-07	1.07E-02	0.00E+00	8.01E-02	2.02E-10	8.01E-02	9.08E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.12E-04
MWN225	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN225A	1.67E-05	1.72E-03	1.55E-03	6.73E-03	0.00E+00	0.00E+00	9.86E-02	9.15E-08	9.09E-06	4.90E-05	0.00E+00	1.58E-04	7.41E-10	2.25E-11	1.03E-03	1.45E-05	5.49E-04	9.47E-09	1.08E-05	3.38E-03	5.94E-02	0.00E+00	7.66E-11	1.01E-10	1.17E-05	2.44E-07	7.87E-03	0.00E+00	5.94E-02	1.56E-10	5.94E-02	6.73E-02	7.87E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04

MWN232	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN232A	7.08E-05	3.80E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.53E-01	3.39E-07	3.25E-05	2.11E-04	0.00E+00	6.09E-04	2.72E-09	7.84E-11	3.64E-03	6.97E-05	2.03E-03	1.56E-08	4.41E-05	9.39E-03	2.39E-01	0.00E+00	3.27E-10	4.21E-10	4.89E-05	1.31E-06	3.19E-02	0.00E+00	2.39E-01	5.75E-10	2.39E-01	2.71E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MWN240	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN240A	6.98E-05	3.73E-02	5.66E-03	2.43E-02	0.00E+00	0.00E+00	3.49E-01	3.34E-07	3.21E-05	2.08E-04	0.00E+00	6.01E-04	2.68E-09	7.74E-11	3.59E-03	6.86E-05	2.00E-03	1.51E-08	4.35E-05	9.28E-03	2.36E-01	0.00E+00	3.22E-10	4.15E-10	4.83E-05	1.29E-06	3.15E-02	0.00E+00	2.36E-01	5.67E-10	2.36E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MWN250	3.18E-05	1.05E-02	2.75E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.62E-07	1.59E-05	9.38E-05	0.00E+00	2.86E-04	1.31E-09	3.88E-11	1.79E-03	2.95E-05	9.74E-04	4.90E-09	2.01E-05	5.26E-03	1.10E-01	0.00E+00	1.46E-10	1.91E-10	2.21E-05	5.29E-07	1.46E-02	0.00E+00	1.10E-01	2.76E-10	1.10E-01	1.25E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-04
MWN263	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN302A	6.25E-05	2.65E-02	5.25E-03	2.27E-02	0.00E+00	0.00E+00	3.27E-01	3.10E-07	3.01E-05	1.85E-04	0.00E+00	5.51E-04	2.50E-09	7.31E-11	3.38E-03	5.96E-05	1.86E-03	1.04E-09	3.93E-05	9.41E-03	2.14E-01	0.00E+00	2.88E-10	3.73E-10	4.34E-05	1.09E-06	2.85E-02	0.00E+00	2.14E-01	5.27E-10	2.14E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MWN304A	1.11E-04	6.07E-02	9.01E-03	3.87E-02	0.00E+00	0.00E+00	5.55E-01	5.32E-07	5.10E-05	3.32E-04	0.00E+00	9.57E-04	4.27E-09	1.23E-10	5.71E-03	1.10E-04	3.19E-03	2.62E-08	6.94E-05	1.46E-02	3.76E-01	0.00E+00	5.15E-10	6.62E-10	7.70E-05	2.07E-06	5.02E-02	0.00E+00	3.76E-01	9.03E-10	3.76E-01	4.26E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-03
MWN306	1.12E-04	6.33E-02	8.95E-03	3.84E-02	0.00E+00	0.00E+00	5.50E-01	5.28E-07	5.05E-05	3.33E-04	0.00E+00	9.53E-04	4.24E-09	1.22E-10	5.65E-03	1.11E-04	3.16E-03	3.10E-08	6.94E-05	1.42E-02	3.75E-01	0.00E+00	5.16E-10	6.62E-10	7.71E-05	2.10E-06	5.01E-02	0.00E+00	3.75E-01	8.96E-10	3.75E-01	4.25E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03
MWN306A	1.03E-04	5.77E-02	8.31E-03	3.57E-02	0.00E+00	0.00E+00	5.11E-01	4.90E-07	4.70E-05	3.08E-04	0.00E+00	8.84E-04	3.94E-09	1.13E-10	5.26E-03	1.02E-04	2.94E-03	2.69E-08	6.43E-05	1.33E-02	3.48E-01	0.00E+00	4.77E-10	6.13E-10	7.14E-05	1.93E-06	4.65E-02	0.00E+00	3.48E-01	8.32E-10	3.48E-01	3.94E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.80E-03
MWN310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN310A	1.09E-04	6.16E-02	8.76E-03	3.76E-02	0.00E+00	0.00E+00	5.38E-01	5.17E-07	4.95E-05	3.25E-04	0.00E+00	9.32E-04	4.15E-09	1.19E-10	5.53E-03	1.08E-04	3.10E-03	2.98E-08	6.78E-05	1.40E-02	3.67E-01	0.00E+00	5.04E-10	6.48E-10	7.53E-05	2.05E-06	4.90E-02	0.00E+00	3.67E-01	8.77E-10	3.67E-01	4.16E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	2.95E-03
MWN316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MWN316A	5.59E-05	2.46E-02	4.68E-03	2.02E-02	0.00E+00	0.00E+00	2.90E-01	2.76E-07	2.67E-05	1.66E-04	0.00E+00	4.91E-04	2.22E-09	6.49E-11	3.00E-03	5.36E-05	1.66E-03	2.53E-09	3.51E-05	8.28E-03	1.91E-01	0.00E+00	2.58E-10	3.34E-10	3.88E-05	9.87E-07	2.55E-02	0.00E+00	1.91E-01	4.69E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MWN320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN320A	2.53E-05	3.03E-03	2.33E-03	1.01E-02	0.00E+00	0.00E+00	1.48E-01	1.38E-07	1.37E-05	7.42E-05	0.00E+00	2.38E-04	1.12E-09	3.39E-11	1.55E-03	2.21E-05	8.28E-04	1.36E-08	1.63E-05	5.05E-03	8.98E-02	0.00E+00	1.16E-10	1.54E-10	1.77E-05	3.74E-07	1.19E-02	0.00E+00	8.98E-02	2.35E-10	8.98E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.61E-04
MWN325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN325A	1.24E-04	7.16E-02	9.90E-03	4.25E-02	0.00E+00	0.00E+00	6.08E-01	5.84E-07	5.59E-05	3.69E-04	0.00E+00	1.06E-03	4.69E-09	1.34E-10	6.25E-03	1.23E-04	3.50E-03	3.67E-08	7.70E-05	1.56E-02	4.16E-01	0.00E+00	5.73E-10	7.35E-10	8.55E-05	2.34E-06	5.56E-02	0.00E+00	4.16E-01	9.92E-10	4.16E-01	4.71E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.36E-03
MWN332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN332A	1.14E-04	6.25E-02	9.21E-03	3.96E-02	0.00E+00	0.00E+00	5.67E-01	5.43E-07	5.21E-05	3.40E-04	0.00E+00	9.79E-04	4.36E-09	1.26E-10	5.83E-03	1.13E-04	3.26E-03	2.76E-08	7.10E-05	1.49E-02	3.84E-01	0.00E+00	5.27E-10	6.78E-10	7.88E-05	2.13E-06	5.14E-02	0.00E+00	3.84E-01	9.23E-10	3.84E-01	4.36E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
MWN340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN340A	8.88E-05	4.49E-02	7.27E-03	3.13E-02	0.00E+00	0.00E+00	4.49E-01	4.29E-07	4.13E-05	2.64E-04	0.00E+00	7.69E-04	3.45E-09	9.98E-11	4.63E-03	8.67E-05	2.57E-03	1.47E-08	5.54E-05	1.22E-02	3.01E-01	0.00E+00	4.10E-10	5.29E-10	6.14E-05	1.62E-06	4.02E-02	0.00E+00	3.01E-01	7.28E-10	3.01E-01	3.41E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MWN350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN363	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN406	1.38E-04	7.69E-02	1.11E-02	4.77E-02	0.00E+00	0.00E+00	6.82E-01	6.55E-07	6.27E-05	4.11E-04	0.00E+00	1.18E-03	5.25E-09	1.51E-10	7.02E-03	1.36E-04	3.92E-03	3.58E-08	8.58E-05	1.78E-02	4.64E-01	0.00E+00	6.37E-10	8.19E-10	9.53E-05	2.58E-06	6.20E-02	0.00E+00	4.64E-01	1.11E-09	4.64E-01	5.26E-01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
MWN410	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN416	7.48E-05	3.32E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.88E-01	3.69E-07	3.57E-05	2.22E-04	0.00E+00	6.56E-04	2.97E-09	8.67E-11	4.01E-03	7.17E-05	2.21E-03	0.00E+00	4.67E-05	1.10E-02	2.55E-01	0.00E+00	3.45E-10	4.47E-10	5.19E-05	1.32E-06	3.40E-02	0.00E+00	2.55E-01	6.26E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MWN420	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN425	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN432	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN440	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN450	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN463	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN510	3.53E-05	1.55E-02	2.95E-03	1.27E-02	0.00E+00	0.00E+00	1.83E-01	1.74E-07	1.69E-05	1.05E-04	0.00E+00	3.10E-04	1.40E-09	4.10E-11	1.89E-03	3.38E-05	1.04E-03	1.61E-09	2.21E-05	5.22E-03	1.20E-01	0.00E+00	1.63E-10	2.11E-10	2.45E-05	6.23E-07	1.61E-02	0.00E+00	1.20E-01	2.96E-10	1.20E-01	1.37E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.46E-04
MWN516	1.23E-07	8.79E-03	2.48E-04	1.15E-03	0.00E+00	0.00E+00	1.91E-02	1.48E-08	1.79E-06	5.89E-07	0.00E+00	1.83E-05	1.26E-10	5.06E-12	2.14E-04	2.23E-06	8.94E-05	1.61E-08	4.92E-07	1.44E-03	4.14E-03	0.00E+00	1.79E-13	3.39E-12	2.95E-07	7.73E-08	4.72E-04	0.00E+00	4.14E-03	2.56E-11	4.14E-03	4.61E-03	4.72E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05
MWN520	1.64E-06	8.03E-03	3.72E-04	1.69E-03	0.00E+00	0.00E+00	2.68E-02	2.21E-08	2.50E-06	3.93E-06	0.00E+00	3.15E-05	1.85E-10	6.78E-12	2.93E-04	7.44E-07	1.34E-04	1.58E-08	1.44E-06	1.65E-03	9.29E-03	0.00E+00	6.84E-12	1.24E-11	1.35E-06	4.97E-08	1.16E-03	0.00E+00	9.29E-03	3.80E-11	9.29E-03	1.05E-02	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-05
MWN525	6.72E-04	4.59E-01	5.18E-02	2.22E-01	0.00E+00	0.00E+00	3.15E+00	3.05E-06	2.89E-04	2.01E-03	0.00E+00	5.59E-03	2.44E-08	6.89E-10	3.22E-02	6.87E-04	1.83E-02	3.28E-07	4.14E-04	7.31E-02	2.22E+00	0.00E+00	3.11E-09	3.96E-09	4.62E-04	1.33E-05	2.98E-01	0.00E+00	2.22E+00	5.18E-09	2.22E+00	2.52E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.84E-02
MWN532	5.40E-05	2.63E-02	4.45E-03	1.92E-02	0.00E+00	0.00E+00	2.75E-01	2.63E-07	2.53E-05	1.61E-04	0.00E+00	4.70E-04	2.11E-09	6.13E-11	2.84E-03	5.24E-05	1.57E-03	7.06E-09	3.38E-05	7.59E-03	1.83E-01	0.00E+00	2.49E-10	3.22E-10	3.74E-05	9.77E-07	2.45E-02	0.00E+00	1.83E-01	4.46E-10	1.83E-01	2.08E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MWN540	6.94E-05	3.68E-02	5.63E-03	2.42E-02	0.00E+00	0.00E+00	3.47E-01	3.32E-07	3.19E-05	2.07E-04	0.00E+00	5.98E-04	2.67E-09	7.71E-11	3.57E-03	6.82E-05	1.99E-03	1.46E-08	4.33E-05	9.26E-03	2.34E-01	0.00E+00	3.20E-10	4.13E-10	4.80E-05	1.28E-06	3.13E-02	0.00E+00	2.34E-01	5.64E-10	2.34E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MWN602A	8.91E-05	3.92E-02	7.45E-03	3.21E-02	0.00E+00	0.00E+00	4.63E-01	4.40E-07	4.26E-05	2.64E-04	0.00E+00	7.83E-04	3.54E-09	1.03E-10	4.78E-03	8.54E-05	2.64E-03	4.02E-09	5.59E-05	1.32E-02	3.04E-01	0.00E+00	4.11E-10	5.32E-10	6.18E-05	1.57E-06	4.06E-02	0.00E+00	3.04E-01	7.47E-10	3.04E-01	3.45E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MWN604A	1.64E-04	9.13E-02	1.32E-02	5.67E-02	0.00E+00	0.00E+00	8.12E-01	7.79E-07	7.47E-05	4.89E-04	0.00E+00	1.40E-03	6.25E-09	1.80E-10	8.35E-03	1.62E-04	4.67E-03	4.23E-08	1.02E-04	2.12E-02	5.52E-01	0.00E+00	7.58E-10	9.74E-10	1.13E-04	3.07E-06	7.38E-02	0.00E+00	5.52E-01	1.32E-09	5.52E-01	6.26E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
MWN606A	1.31E-04	7.19E-02	1.05E-02	4.52E-02	0.00E+00	0.00E+00	6.48E-01	6.21E-07	5.96E-05	3.89E-04	0.00E+00	1.12E-03	4.99E-09	1.44E-10	6.66E-03	1.29E-04	3.72E-03	3.23E-08	8.13E-05	1.70E-02	4.40E-01	0.00E+00	6.03E-10	7.75E-10	9.02E-05	2.44E-06	5.88E-02	0.00E+00	4.40E-01	1.05E-09	4.40E-01	4.98E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
MWN610A	1.17E-04	6.25E-02	9.47E-03	4.07E-02	0.00E+00	0.00E+00	5.83E-01	5.59E-07	5.36E-05	3.48E-04	0.00E+00	1.00E-03	4.49E-09	1.29E-10	6.00E-03	1.15E-04	3.35E-03	2.55E-08	7.28E-05	1.55E-02	3.94E-01	0.00E+00	5.39E-10	6.94E-10	8.07E-05	2.16E-06	5.27E-02	0.00E+00	3.94E-01	9.48E-10	3.94E-01	4.47E-01	5.27E-02	0.00E+00	0.00E+00	0.00E+00	3.16E-03
MWN616A	5.64E-05	2.02E-02	4.84E-03	2.09E-02	0.00E+00	0.00E+00	3.03E-01	2.86E-07	2.79E-05	1.67E-04	0.00E+00	5.05E-04	2.30E-09	6.81E-11	3.13E-03	5.28E-05	1.71E-03	5.79E-09	3.56E-05	9.09E-03	1.94E-01	0.00E+00	2.60E-10	3.38E-10	3.92E-05	9.55E-07	2.59E-02	0.00E+00	1.94E-01	4.86E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MWN620A	3.78E-05	6.97E-03	3.42E-03	1.49E-02	0.00E+00	0.00E+00	2.17E-01	2.02E-07	2.00E-05	1.11E-04	0.00E+00	3.51E-04	1.64E-09	4.93E-11	2.26E-03	3.37E-05	1.21E-03	1.59E-08	2.42E-05	7.16E-03	1.33E-01	0.00E+00	1.74E-10	2.29E-10	2.65E-05	5.81E-07	1.77E-02	0.00E+00	1.33E-01	3.44E-10	1.33E-01	1.51E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	9.93E-04
MWN625A	2.52E-05	2.43E-03	2.47E-03	1.08E-02	0.00E+00	0.00E+00	1.59E-01	1.46E-07	1.47E-05	7.32E-05	0.00E+00	2.48E-04	1.18E-09	3.68E-11	1.67E-03	2.06E-05	8.76E-04	2.34E-08	1.64E-05	5.90E-03	9.16E-02	0.00E+00	1.15E-10	1.54E-10	1.78E-05	3.23E-07	1.21E-02	0.00E+00	9.16E-02	2.49E-10	9.16E-02	1.04E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	6.46E-04
MWN632A	1.60E-03	1.09E+00	1.23E-01	5.28E-01	0.00E+00	0.00E+00	7.50E+00	7.28E-06	6.89E-04	4.79E-03	0.00E+00	1.33E-02	5.83E-08	1.64E-09	7.68E-02	1.64E-03	4.36E-02	7.81E-07	9.87E-04	1.74E-01	5.30E+00	0.00E+00	7.42E-09	9.45E-09	1.10E-03	3.18E-05	7.11E-01	0.00E+00	5.30E+00	1.23E-08	5.30E+00	6.01E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	4.38E-02
MWN640A	1.24E-04	6.37E-02	1.01E-02	4.36E-02	0.00E+00	0.00E+00	6.25E-01	5.98E-07	5.75E-05	3.69E-04	0.00E+00	1.07E-03	4.80E-09	1.39E-10	6.44E-03	1.21E-04	3.58E-03	2.23E-08	7.74E-05	1.69E-02	4.20E-01	0.00E+00	5.73E-10	7.38E-10	8.58E-05	2.27E-06	5.61E-02	0.00E+00	4.20E-01	1.01E-09	4.20E-01	4.76E-01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	3.35E-03
MWS206A	9.84E-05	5.95E-02	7.79E-03	3.34E-02	0.00E+00	0.00E+00	4.77E-01	4.60E-07	4.39E-05	2.94E-04	0.00E+00	8.33E-04	3.69E-09	1.05E-10	4.90E-03	9.86E-05	2.75E-03	3.39E-08	6.10E-05	1.20E-02	3.29E-01	0.00E+00	4.55E-10	5.83E-10	6.78E-05	1.88E-06	4.40E-02	0.00E+00	3.29E-01	7.80E-10	3.29E-01	3.73E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MWS210A	9.29E-05	5.57E-02	7.36E-03	3.16E-02	0.00E+00	0.00E+00	4.51E-01	4.34E-07	4.15E-05	2.77E-04	0.00E+00	7.87E-04	3.48E-09	9.96E-11	4.63E-03	9.29E-05	2.60E-03	3.12E-08	5.76E-05	1.14E-02	3.11E-01	0.00E+00	4.29E-10	5.50E-10	6.40E-05	1.77E-06	4.16E-02	0.00E+00	3.11E-01	7.37E-10	3.11E-01	3.52E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
MWS216A	1.84E-05	4.64E-03	1.63E-03	7.08E-03	0.00E+00	0.00E+00	1.03E-01	9.65E-08	9.49E-06	5.43E-05	0.00E+00	1.69E-04	7.79E-10	2.33E-11	1.07E-03	1.67E-05	5.79E-04	5.46E-09	1.17E-05	3.29E-03	6.44E-02	0.00E+00	8.47E-11	1.11E-10	1.29E-05	2.94E-07	8.55E-03	0.00E+00	6.44E-02	1.64E-10	6.44E-02	7.29E-02	8.55E-03	0.00E+00	0.00E+00	0.00E+00	4.87E-04
MWS220A	2.35E-05	7.02E-03	2.06E-03	8.91E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.19E-05	6.95E-05	0.00E+00	2.13E-04	9.81E-10	2.92E-11	1.34E-03	2.17E-05	7.29E-04	5.00E-09	1.49E-05	4.02E-03	8.18E-02	0.00E+00	1.08E-10	1.42E-10	1.64E-05	3.86E-07	1.09E-02	0.00E+00	8.18E-02	2.07E-10	8.18E-02	9.27E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
MWS225A	1.64E-05	1.19E-03	1.53E-03	6.66E-03	0.00E+00	0.00E+00	9.76E-02	9.04E-08	9.00E-06	4.79E-05	0.00E+00	1.56E-04	7.33E-10	2.24E-11	1.02E-03	1.41E-05	5.43E-04	1.02E-08	1.06E-05	3.39E-03	5.84E-02	0.00E+00	7.50E-11	9.96E-11	1.15E-05	2.35E-07	7.74E-03	0.00E+00	5.84E-02	1.54E-10	5.84E-02	6.62E-02	7.74E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
MWS232A	8.19E-05	4.55E-02	6.59E-03	2.83E-02	0.00E+00	0.00E+00	4.05E-01	3.89E-07	3.73E-05	2.44E-04	0.00E+00	7.01E-04	3.12E-09	8.98E-11	4.17E-03	8.10E-05	2.33E-03	2.10E-08	5.09E-05	1.06E-02	2.75E-01	0.00E+00	3.78E-10	4.86E-10	5.65E-05	1.53E-06	3.68E-02	0.00E+00	2.75E-01	6.60E-10	2.75E-01	3.12E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
MWS240A	7.70E-05	4.20E-02	6.22E-03	2.67E-02	0.00E+00	0.00E+00	3.83E-01	3.67E-07	3.52E-05	2.29E-04	0.00E+00	6.60E-04	2.95E-09	8.48E-11	3.94E-03	7.59E-05	2.20E-03	1.83E-08	4.79E-05	1.01E-02	2.59E-01	0.00E+00	3.56E-10	4.57E-10	5.32E-05	1.43E-06	3.47E-02	0.00E+00	2.59E-01	6.23E-10	2.59E-01	2.94E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MWS306A	2.23E-04	1.41E-01	1.75E-02	7.49E-02	0.00E+00	0.00E+00	1.07E+00	1.03E-06	9.81E-05	6.66E-04	0.00E+00	1.87E-03	8.26E-09	2.35E-10	1.09E-02	2.25E-04	6.18E-03	8.80E-08	1.38E-04	2.61E-02	7.43E-01	0.00E+00	1.03E-09	1.32E-09	1.54E-04	4.32E-06	9.94E-02	0.00E+00	7.43E-01	1.75E-09	7.43E-01	8.42E-01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
MWS310A	1.33E-04	7.93E-02	1.06E-02	4.54E-02	0.00E+00	0.00E+00	6.48E-01	6.24E-07	5.96E-05	3.97E-04	0.00E+00	1.13E-03	5.00E-09	1.43E-10	6.65E-03	1.33E-04	3.74E-03	4.38E-08	8.26E-05	1.64E-02	4.46E-01	0.00E+00	6.16E-10	7.89E-10	9.18E-05	2.54E-06	5.96E-02	0.00E+00	4.46E-01	1.06E-09	4.46E-01	5.05E-01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	3.61E-03
MWS316A	1.02E-04	5.71E-02	8.18E-03	3.52E-02	0.00E+00	0.00E+00	5.03E-01	4.83E-07	4.63E-05	3.03E-04	0.00E+00	8.71E-04	3.88E-09	1.11E-10	5.17E-03	1.01E-04	2.89E-03	2.70E-08	6.33E-05	1.31E-02	3.42E-01	0.00E+00	4.71E-10	6.04E-10	7.03E-05	1.91E-06	4.58E-02	0.00E+00	3.42E-01	8.20E-10	3.42E-01	3.88E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MWS320A	2.70E-05	4.76E-03	2.45E-03	1.06E-02	0.00E+00	0.00E+00	1.55E-01	1.45E-07	1.43E-05	7.94E-05	0.00E+00	2.51E-04	1.17E-09	3.54E-11	1.62E-03	2.40E-05	8.70E-04	1.17E-08	1.73E-05	5.15E-03	9.53E-02	0.00E+00	1.24E-10	1.64E-10	1.89E-05	4.13E-07	1.26E-02	0.00E+00	9.53E-02	2.46E-10	9.53E-02	1.08E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MWS325A	2.61E-05	3.01E-03	2.41E-03	1.05E-02	0.00E+00	0.00E+00	1.53E-01	1.42E-07	1.41E-05	7.64E-05	0.00E+00	2.46E-04	1.15E-09	3.50E-11	1.60E-03	2.27E-05	8.54E-04	1.42E-08	1.68E-05	5.23E-03	9.26E-02	0.00E+00	1.20E-10	1.58E-10	1.83E-05	3.84E-07	1.23E-02	0.00E+00	9.26E-02	2.42E-10	9.26E-02	1.05E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	6.81E-04
MWS332A	1.21E-04	6.73E-02	9.77E-03	4.20E-02	0.00E+00	0.00E+00	6.01E-01	5.77E-07	5.53E-05	3.62E-04	0.00E+00	1.04E-03	4.63E-09	1.33E-10	6.18E-03	1.20E-04	3.46E-03	3.09E-08	7.55E-05	1.57E-02	4.08E-01	0.00E+00	5.61E-10	7.21E-10	8.38E-05	2.27E-06	5.46E-02	0.00E+00	4.08E-01	9.79E-10	4.08E-01	4.63E-01	5.46E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
MWS340A	1.06E-04	5.68E-02	8.63E-03	3.71E-02	0.00E+00	0.00E+00	5.32E-01	5.09E-07	4.89E-05	3.17E-04	0.00E+00	9.15E-04	4.09E-09	1.18E-10	5.47E-03	1.05E-04	3.05E-03	2.31E-08	6.63E-05	1.41E-02	3.59E-01	0.00E+00	4.91E-10	6.32E-10	7.36E-05	1.97E-06	4.80E-02	0.00E+00	3.59E-01	8.64E-10	3.59E-01	4.07E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
MWS606A	2.28E-04	1.40E-01	1.80E-02	7.70E-02	0.00E+00	0.00E+00	1.10E+00	1.06E-06	1.01E-04	6.80E-04	0.00E+00	1.92E-03	8.49E-09	2.42E-10	1.13E-02	2.29E-04	6.35E-03	8.32E-08	1.41E-04	2.73E-02	7.60E-01	0.00E+00	1.05E-09	1.35E-09	1.57E-04	4.38E-06	1.02E-01	0.00E+00	7.60E-01	1.80E-09	7.60E-01	8.62E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-03
MWS610A	1.83E-04	1.10E-01	1.45E-02	6.24E-02	0.00E+00	0.00E+00	8.91E-01	8.58E-07	8.19E-05	5.47E-04	0.00E+00	1.55E-03	6.88E-09	1.97E-10	9.15E-03	1.83E-04	5.15E-03	6.12E-08	1.14E-04	2.25E-02	6.14E-01	0.00E+00	8.48E-10	1.09E-09	1.26E-04	3.50E-06	8.21E-02	0.00E+00	6.14E-01	1.46E-09	6.14E-01	6.96E-01	8.21E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
MWS616A	1.11E-04	5.92E-02	9.02E-03	3.88E-02	0.00E+00	0.00E+00	5.56E-01	5.32E-07	5.11E-05	3.31E-04	0.00E+00	9.57E-04	4.28E-09	1.23E-10	5.72E-03	1.09E-04	3.19E-03	2.38E-08	6.93E-05	1.48E-02	3.75E-01	0.00E+00	5.14E-10	6.61E-10	7.69E-05	2.06E-06	5.01E-02	0.00E+00	3.75E-01	9.04E-10	3.75E-01	4.25E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
MWS620A	3.47E-05	5.42E-03	3.17E-03	1.38E-02	0.00E+00	0.00E+00	2.01E-01	1.87E-07	1.85E-05	1.02E-04	0.00E+00	3.24E-04	1.51E-09	4.58E-11	2.09E-03	3.07E-05	1.12E-03	1.63E-08	2.23E-05	6.73E-03	1.23E-01	0.00E+00	1.59E-10	2.10E-10	2.43E-05	5.25E-07	1.63E-02	0.00E+00	1.23E-01	3.19E-10	1.23E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.10E-04
MWS625A	3.61E-05	4.85E-03	3.32E-03	1.44E-02	0.00E+00	0.00E+00	2.11E-01	1.96E-07	1.94E-05	1.06E-04	0.00E+00	3.39E-04	1.59E-09	4.81E-11	2.20E-03	3.17E-05	1.18E-03	1.84E-08	2.32E-05	7.12E-03	1.28E-01	0.00E+00	1.66E-10	2.19E-10	2.53E-05	5.38E-07	1.70E-02	0.00E+00	1.28E-01	3.33E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	9.44E-04
MWS632A	1.53E-04	8.37E-02	1.24E-02	5.31E-02	0.00E+00	0.00E+00	7.60E-01	7.29E-07	6.99E-05	4.56E-04	0.00E+00	1.31E-03	5.85E-09	1.69E-10	7.82E-03	1.51E-04	4.37E-03	3.67E-08	9.52E-05	2.00E-02	5.15E-01	0.00E+00	7.07E-10	9.09E-10	1.06E-04	2.85E-06	6.89E-02	0.00E+00	5.15E-01	1.24E-09	5.15E-01	5.84E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
MWS640A	1.35E-04	7.12E-02	1.10E-02	4.73E-02	0.00E+00	0.00E+00	6.78E-01	6.49E-07	6.23E-05	4.02E-04	0.00E+00	1.17E-03	5.21E-09	1.51E-10	6.98E-03	1.33E-04	3.89E-03	2.74E-08	8.43E-05	1.81E-02	4.57E-01	0.00E+00	6.24E-10	8.04E-10	9.35E-05	2.49E-06	6.10E-02	0.00E+00	4.57E-01	1.10E-09	4.57E-01	5.18E-01	6.10E-02	0.00E+00	0.00E+00	0.00E+00	3.65E-03
MX106	4.58E-05	2.70E-02	3.65E-03	1.57E-02	0.00E+00	0.00E+00	2.24E-01	2.15E-07	2.06E-05	1.37E-04	0.00E+00	3.89E-04	1.73E-09	4.94E-11	2.30E-03	4.57E-05	1.29E-03	1.45E-08	2.84E-05	5.68E-03	1.53E-01	0.00E+00	2.12E-10	2.71E-10	3.16E-05	8.70E-07	2.05E-02	0.00E+00	1.53E-01	3.65E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
MX110	9.40E-06	1.57E-03	8.55E-04	3.71E-03	0.00E+00	0.00E+00	5.42E-02	5.05E-08	4.99E-06	2.76E-05	0.00E+00	8.76E-05	4.08E-10	1.23E-11	5.64E-04	8.33E-06	3.03E-04	4.23E-09	6.02E-06	1.80E-03	3.32E-02	0.00E+00	4.31E-11	5.69E-11	6.58E-06	1.43E-07	4.40E-03	0.00E+00	3.32E-02	8.59E-11	3.32E-02	3.76E-02	4.40E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MX113	3.68E-05	2.06E-02	2.96E-03	1.27E-02	0.00E+00	0.00E+00	1.82E-01	1.74E-07	1.67E-05	1.10E-04	0.00E+00	3.14E-04	1.40E-09	4.02E-11	1.87E-03	3.64E-05	1.05E-03	9.63E-09	2.29E-05	4.74E-03	1.24E-01	0.00E+00	1.70E-10	2.18E-10	2.54E-05	6.88E-07	1.65E-02	0.00E+00	1.24E-01	2.96E-10	1.24E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.95E-04
MX116	9.91E-06	2.43E-03	8.80E-04	3.81E-03	0.00E+00	0.00E+00	5.55E-02	5.20E-08	5.11E-06	2.92E-05	0.00E+00	9.08E-05	4.20E-10	1.26E-11	5.77E-04	8.99E-06	3.12E-04	3.05E-09	6.31E-06	1.78E-03	3.46E-02	0.00E+00	4.55E-11	5.98E-11	6.92E-06	1.58E-07	4.60E-03	0.00E+00	3.46E-02	8.84E-11	3.46E-02	3.92E-02	4.60E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MX120	2.96E-05	1.54E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.80E-05	0.00E+00	2.55E-04	1.14E-09	3.30E-11	1.53E-03	2.90E-05	8.52E-04	5.71E-09	1.84E-05	3.99E-03	9.99E-02	0.00E+00	1.37E-10	1.76E-10	2.05E-05	5.44E-07	1.34E-02	0.00E+00	9.99E-02	2.41E-10	9.99E-02	1.13E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04
MX125	1.24E-05	3.41E-03	1.09E-03	4.74E-03	0.00E+00	0.00E+00	6.88E-02	6.46E-08	6.34E-06	3.66E-05	0.00E+00	1.13E-04	5.21E-10	1.56E-11	7.14E-04	1.14E-05	3.88E-04	3.17E-09	7.89E-06	2.17E-03	4.33E-02	0.00E+00	5.71E-11	7.48E-11	8.66E-06	2.01E-07	5.75E-03	0.00E+00	4.33E-02	1.10E-10	4.33E-02	4.90E-02	5.75E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
MX132	2.99E-05	1.50E-02	2.45E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.45E-07	1.39E-05	8.90E-05	0.00E+00	2.59E-04	1.16E-09	3.37E-11	1.56E-03	2.92E-05	8.67E-04	4.78E-09	1.87E-05	4.13E-03	1.01E-01	0.00E+00	1.38E-10	1.78E-10	2.07E-05	5.45E-07	1.35E-02	0.00E+00	1.01E-01	2.46E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.06E-04
MX140	3.13E-05	1.60E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.51E-07	1.45E-05	9.31E-05	0.00E+00	2.71E-04	1.21E-09	3.51E-11	1.63E-03	3.06E-05	9.05E-04	5.46E-09	1.95E-05	4.28E-03	1.06E-01	0.00E+00	1.45E-10	1.86E-10	2.17E-05	5.73E-07	1.42E-02	0.00E+00	1.06E-01	2.56E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-04
MX206	9.64E-05	5.73E-02	7.66E-03	3.29E-02	0.00E+00	0.00E+00	4.70E-01	4.52E-07	4.32E-05	2.88E-04	0.00E+00	8.18E-04	3.63E-09	1.04E-10	4.82E-03	9.63E-05	2.71E-03	3.14E-08	5.98E-05	1.19E-02	3.23E-01	0.00E+00	4.46E-10	5.71E-10	6.65E-05	1.84E-06	4.32E-02	0.00E+00	3.23E-01	7.67E-10	3.23E-01	3.66E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MX210	1.00E-04	5.97E-02	7.94E-03	3.41E-02	0.00E+00	0.00E+00	4.86E-01	4.68E-07	4.47E-05	2.98E-04	0.00E+00	8.48E-04	3.76E-09	1.07E-10	4.99E-03	1.00E-04	2.81E-03	3.31E-08	6.20E-05	1.23E-02	3.35E-01	0.00E+00	4.62E-10	5.92E-10	6.90E-05	1.91E-06	4.48E-02	0.00E+00	3.35E-01	7.95E-10	3.35E-01	3.79E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MX213	7.50E-05	4.22E-02	6.03E-03	2.59E-02	0.00E+00	0.00E+00	3.70E-01	3.56E-07	3.41E-05	2.24E-04	0.00E+00	6.41E-04	2.85E-09	8.20E-11	3.81E-03	7.43E-05	2.13E-03	2.01E-08	4.67E-05	9.63E-03	2.52E-01	0.00E+00	3.47E-10	4.45E-10	5.18E-05	1.41E-06	3.37E-02	0.00E+00	2.52E-01	6.04E-10	2.52E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MX216	7.39E-05	4.14E-02	5.94E-03	2.55E-02	0.00E+00	0.00E+00	3.65E-01	3.50E-07	3.36E-05	2.20E-04	0.00E+00	6.32E-04	2.81E-09	8.09E-11	3.76E-03	7.32E-05	2.10E-03	1.95E-08	4.60E-05	9.51E-03	2.48E-01	0.00E+00	3.42E-10	4.39E-10	5.10E-05	1.38E-06	3.32E-02	0.00E+00	2.48E-01	5.95E-10	2.48E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MX220	4.87E-05	2.37E-02	4.01E-03	1.73E-02	0.00E+00	0.00E+00	2.48E-01	2.37E-07	2.28E-05	1.45E-04	0.00E+00	4.24E-04	1.90E-09	5.53E-11	2.56E-03	4.73E-05	1.42E-03	6.40E-09	3.05E-05	6.84E-03	1.65E-01	0.00E+00	2.25E-10	2.90E-10	3.37E-05	8.81E-07	2.21E-02	0.00E+00	1.65E-01	4.02E-10	1.65E-01	1.87E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MX225	1.87E-05	2.31E-03	1.72E-03	7.47E-03	0.00E+00	0.00E+00	1.09E-01	1.02E-07	1.01E-05	5.47E-05	0.00E+00	1.75E-04	8.22E-10	2.50E-11	1.14E-03	1.63E-05	6.10E-04	9.87E-09	1.20E-05	3.71E-03	6.62E-02	0.00E+00	8.56E-11	1.13E-10	1.31E-05	2.76E-07	8.77E-03	0.00E+00	6.62E-02	1.73E-10	6.62E-02	7.50E-02	8.77E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
MX232	7.01E-05	3.73E-02	5.69E-03	2.45E-02	0.00E+00	0.00E+00	3.50E-01	3.36E-07	3.22E-05	2.09E-04	0.00E+00	6.03E-04	2.70E-09	7.78E-11	3.61E-03	6.89E-05	2.01E-03	1.49E-08	4.37E-05	9.34E-03	2.36E-01	0.00E+00	3.24E-10	4.17E-10	4.85E-05	1.30E-06	3.16E-02	0.00E+00	2.36E-01	5.70E-10	2.36E-01	2.68E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MX240	6.14E-05	3.13E-02	5.01E-03	2.16E-02	0.00E+00	0.00E+00	3.10E-01	2.96E-07	2.85E-05	1.82E-04	0.00E+00	5.31E-04	2.38E-09	6.88E-11	3.19E-03	5.99E-05	1.77E-03	1.06E-08	3.83E-05	8.39E-03	2.08E-01	0.00E+00	2.83E-10	3.65E-10	4.25E-05	1.12E-06	2.77E-02	0.00E+00	2.08E-01	5.02E-10	2.08E-01	2.35E-01	2.77E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03

MX306	1.37E-04	8.08E-02	1.09E-02	4.69E-02	0.00E+00	0.00E+00	6.70E-01	6.44E-07	6.16E-05	4.09E-04	0.00E+00	1.17E-03	5.17E-09	1.48E-10	6.88E-03	1.37E-04	3.86E-03	4.35E-08	8.51E-05	1.70E-02	4.60E-01	0.00E+00	6.34E-10	8.13E-10	9.47E-05	2.61E-06	6.15E-02	0.00E+00	4.60E-01	1.09E-09	4.60E-01	5.21E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-03
MX310	1.42E-04	8.39E-02	1.13E-02	4.84E-02	0.00E+00	0.00E+00	6.91E-01	6.65E-07	6.35E-05	4.23E-04	0.00E+00	1.20E-03	5.33E-09	1.52E-10	7.09E-03	1.41E-04	3.98E-03	4.57E-08	8.79E-05	1.75E-02	4.74E-01	0.00E+00	6.55E-10	8.40E-10	9.77E-05	2.70E-06	6.35E-02	0.00E+00	4.74E-01	1.13E-09	4.74E-01	5.38E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-03
MX313	1.05E-04	5.81E-02	8.45E-03	3.63E-02	0.00E+00	0.00E+00	5.20E-01	4.99E-07	4.78E-05	3.13E-04	0.00E+00	8.99E-04	4.00E-09	1.15E-10	5.35E-03	1.04E-04	2.99E-03	2.65E-08	6.53E-05	1.36E-02	3.53E-01	0.00E+00	4.85E-10	6.23E-10	7.25E-05	1.96E-06	4.72E-02	0.00E+00	3.53E-01	8.47E-10	3.53E-01	4.00E-01	4.72E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MX316	1.07E-04	5.97E-02	8.63E-03	3.71E-02	0.00E+00	0.00E+00	5.31E-01	5.09E-07	4.88E-05	3.19E-04	0.00E+00	9.18E-04	4.09E-09	1.18E-10	5.46E-03	1.06E-04	3.05E-03	2.76E-08	6.67E-05	1.39E-02	3.61E-01	0.00E+00	4.95E-10	6.36E-10	7.41E-05	2.01E-06	4.82E-02	0.00E+00	3.61E-01	8.64E-10	3.61E-01	4.09E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
MX320	8.84E-05	4.61E-02	7.19E-03	3.09E-02	0.00E+00	0.00E+00	4.44E-01	4.24E-07	4.08E-05	2.63E-04	0.00E+00	7.62E-04	3.41E-09	9.86E-11	4.57E-03	8.66E-05	2.55E-03	1.72E-08	5.51E-05	1.19E-02	2.99E-01	0.00E+00	4.08E-10	5.26E-10	6.11E-05	1.63E-06	3.99E-02	0.00E+00	2.99E-01	7.21E-10	2.99E-01	3.38E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
MX325	2.82E-05	4.05E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.64E-01	1.52E-07	1.51E-05	8.26E-05	0.00E+00	2.64E-04	1.23E-09	3.73E-11	1.71E-03	2.48E-05	9.14E-04	1.39E-08	1.81E-05	5.51E-03	9.96E-02	0.00E+00	1.29E-10	1.71E-10	1.97E-05	4.22E-07	1.32E-02	0.00E+00	9.96E-02	2.59E-10	9.96E-02	1.13E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.37E-04
MX332	7.55E-05	3.58E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.87E-01	3.68E-07	3.56E-05	2.24E-04	0.00E+00	6.58E-04	2.96E-09	8.62E-11	3.99E-03	7.30E-05	2.21E-03	8.14E-09	4.73E-05	1.08E-02	2.57E-01	0.00E+00	3.48E-10	4.50E-10	5.23E-05	1.36E-06	3.43E-02	0.00E+00	2.57E-01	6.26E-10	2.57E-01	2.91E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MX340	7.72E-05	3.69E-02	6.38E-03	2.75E-02	0.00E+00	0.00E+00	3.95E-01	3.77E-07	3.64E-05	2.29E-04	0.00E+00	6.73E-04	3.03E-09	8.81E-11	4.08E-03	7.48E-05	2.26E-03	8.74E-09	4.83E-05	1.10E-02	2.62E-01	0.00E+00	3.56E-10	4.60E-10	5.35E-05	1.39E-06	3.50E-02	0.00E+00	2.62E-01	6.40E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MX406	3.32E-05	5.40E-03	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.92E-01	1.79E-07	1.77E-05	9.76E-05	0.00E+00	3.10E-04	1.45E-09	4.37E-11	2.00E-03	2.94E-05	1.07E-03	1.53E-08	2.13E-05	6.41E-03	1.17E-01	0.00E+00	1.53E-10	2.01E-10	2.33E-05	5.04E-07	1.56E-02	0.00E+00	1.17E-01	3.04E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
MX410	3.32E-05	5.40E-03	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.92E-01	1.79E-07	1.77E-05	9.76E-05	0.00E+00	3.10E-04	1.45E-09	4.37E-11	2.00E-03	2.94E-05	1.07E-03	1.53E-08	2.13E-05	6.41E-03	1.17E-01	0.00E+00	1.53E-10	2.01E-10	2.33E-05	5.04E-07	1.56E-02	0.00E+00	1.17E-01	3.04E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
MX416	1.42E-04	7.86E-02	1.14E-02	4.91E-02	0.00E+00	0.00E+00	7.02E-01	6.74E-07	6.46E-05	4.22E-04	0.00E+00	1.21E-03	5.41E-09	1.56E-10	7.22E-03	1.40E-04	4.04E-03	3.59E-08	8.82E-05	1.84E-02	4.77E-01	0.00E+00	6.55E-10	8.42E-10	9.79E-05	2.65E-06	6.38E-02	0.00E+00	4.77E-01	1.14E-09	4.77E-01	5.41E-01	6.38E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-03
MX420	3.00E-03	2.03E+00	2.32E-01	9.93E-01	0.00E+00	0.00E+00	1.41E+01	1.37E-05	1.30E-03	8.98E-03	0.00E+00	2.50E-02	1.09E-07	3.09E-09	1.44E-01	3.07E-03	8.20E-02	1.43E-06	1.85E-03	3.30E-01	9.95E+00	0.00E+00	1.39E-08	1.77E-08	2.07E-03	5.94E-05	1.33E+00	0.00E+00	9.95E+00	2.32E-08	9.95E+00	1.13E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
MX425	2.12E-05	6.03E-03	2.18E-03	9.57E-03	0.00E+00	0.00E+00	1.42E-01	1.29E-07	1.31E-05	6.12E-05	0.00E+00	2.16E-04	1.05E-09	3.32E-11	1.50E-03	1.62E-05	7.76E-04	2.69E-08	1.40E-05	5.61E-03	7.88E-02	0.00E+00	9.64E-11	1.31E-10	1.51E-05	2.36E-07	1.04E-02	0.00E+00	7.88E-02	2.20E-10	7.88E-02	8.92E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-04
MX432	1.41E-04	7.50E-02	1.14E-02	4.91E-02	0.00E+00	0.00E+00	7.04E-01	6.74E-07	6.47E-05	4.19E-04	0.00E+00	1.21E-03	5.41E-09	1.56E-10	7.24E-03	1.38E-04	4.04E-03	3.02E-08	8.77E-05	1.87E-02	4.75E-01	0.00E+00	6.50E-10	8.37E-10	9.73E-05	2.60E-06	6.35E-02	0.00E+00	4.75E-01	1.14E-09	4.75E-01	5.38E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
MX440	1.27E-04	6.57E-02	1.04E-02	4.47E-02	0.00E+00	0.00E+00	6.42E-01	6.14E-07	5.90E-05	3.79E-04	0.00E+00	1.10E-03	4.93E-09	1.43E-10	6.61E-03	1.25E-04	3.68E-03	2.34E-08	7.95E-05	1.73E-02	4.31E-01	0.00E+00	5.89E-10	7.58E-10	8.82E-05	2.34E-06	5.76E-02	0.00E+00	4.31E-01	1.04E-09	4.31E-01	4.89E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
MXN106	3.66E-05	2.07E-02	2.94E-03	1.26E-02	0.00E+00	0.00E+00	1.81E-01	1.74E-07	1.66E-05	1.09E-04	0.00E+00	3.13E-04	1.39E-09	4.00E-11	1.86E-03	3.63E-05	1.04E-03	1.00E-08	2.28E-05	4.69E-03	1.23E-01	0.00E+00	1.69E-10	2.17E-10	2.53E-05	6.88E-07	1.65E-02	0.00E+00	1.23E-01	2.95E-10	1.23E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.92E-04
MXN110	3.53E-05	1.98E-02	2.83E-03	1.22E-02	0.00E+00	0.00E+00	1.74E-01	1.67E-07	1.60E-05	1.05E-04	0.00E+00	3.02E-04	1.34E-09	3.86E-11	1.79E-03	3.49E-05	1.00E-03	9.32E-09	2.19E-05	4.54E-03	1.19E-01	0.00E+00	1.63E-10	2.09E-10	2.44E-05	6.61E-07	1.59E-02	0.00E+00	1.19E-01	2.84E-10	1.19E-01	1.34E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
MXN116	2.28E-05	1.10E-02	1.88E-03	8.09E-03	0.00E+00	0.00E+00	1.16E-01	1.11E-07	1.07E-05	6.77E-05	0.00E+00	1.98E-04	8.91E-10	2.59E-11	1.20E-03	2.21E-05	6.65E-04	2.81E-09	1.43E-05	3.22E-03	7.73E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.11E-07	1.03E-02	0.00E+00	7.73E-02	1.88E-10	7.73E-02	8.77E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
MXN150	3.74E-05	1.99E-02	3.03E-03	1.30E-02	0.00E+00	0.00E+00	1.87E-01	1.79E-07	1.72E-05	1.11E-04	0.00E+00	3.22E-04	1.44E-09	4.15E-11	1.93E-03	3.67E-05	1.07E-03	7.93E-09	2.33E-05	4.98E-03	1.26E-01	0.00E+00	1.73E-10	2.22E-10	2.58E-05	6.91E-07	1.69E-02	0.00E+00	1.26E-01	3.04E-10	1.26E-01	1.43E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MXN163	3.89E-05	2.09E-02	3.15E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.86E-07	1.78E-05	1.16E-04	0.00E+00	3.34E-04	1.49E-09	4.30E-11	2.00E-03	3.83E-05	1.11E-03	8.65E-09	2.42E-05	5.15E-03	1.31E-01	0.00E+00	1.80E-10	2.31E-10	2.69E-05	7.20E-07	1.75E-02	0.00E+00	1.31E-01	3.15E-10	1.31E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MXN206	1.59E-04	1.00E-01	1.25E-02	5.35E-02	0.00E+00	0.00E+00	7.62E-01	7.36E-07	7.00E-05	4.74E-04	0.00E+00	1.34E-03	5.90E-09	1.68E-10	7.82E-03	1.60E-04	4.41E-03	6.19E-08	9.83E-05	1.87E-02	5.30E-01	0.00E+00	7.35E-10	9.40E-10	1.09E-04	3.08E-06	7.09E-02	0.00E+00	5.30E-01	1.25E-09	5.30E-01	6.00E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	4.32E-03
MXN210	7.44E-05	4.23E-02	5.96E-03	2.56E-02	0.00E+00	0.00E+00	3.66E-01	3.52E-07	3.37E-05	2.22E-04	0.00E+00	6.35E-04	2.82E-09	8.11E-11	3.77E-03	7.38E-05	2.11E-03	2.07E-08	4.62E-05	9.48E-03	2.50E-01	0.00E+00	3.44E-10	4.41E-10	5.14E-05	1.40E-06	3.34E-02	0.00E+00	2.50E-01	5.97E-10	2.50E-01	2.83E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MXN216	4.48E-05	2.15E-02	3.69E-03	1.59E-02	0.00E+00	0.00E+00	2.29E-01	2.18E-07	2.10E-05	1.33E-04	0.00E+00	3.90E-04	1.75E-09	5.10E-11	2.36E-03	4.34E-05	1.31E-03	5.31E-09	2.80E-05	6.34E-03	1.52E-01	0.00E+00	2.07E-10	2.67E-10	3.10E-05	8.06E-07	2.03E-02	0.00E+00	1.52E-01	3.70E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MXN220	2.39E-05	6.80E-03	2.10E-03	9.10E-03	0.00E+00	0.00E+00	1.32E-01	1.24E-07	1.22E-05	7.06E-05	0.00E+00	2.18E-04	1.00E-09	2.99E-11	1.37E-03	2.19E-05	7.45E-04	5.70E-09	1.52E-05	4.14E-03	8.33E-02	0.00E+00	1.10E-10	1.44E-10	1.67E-05	3.89E-07	1.11E-02	0.00E+00	8.33E-02	2.11E-10	8.33E-02	9.43E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.34E-04
MXN225	1.72E-05	1.92E-03	1.59E-03	6.92E-03	0.00E+00	0.00E+00	1.01E-01	9.40E-08	9.34E-06	5.05E-05	0.00E+00	1.62E-04	7.61E-10	2.31E-11	1.06E-03	1.50E-05	5.65E-04	9.49E-09	1.11E-05	3.46E-03	6.12E-02	0.00E+00	7.89E-11	1.05E-10	1.21E-05	2.53E-07	8.11E-03	0.00E+00	6.12E-02	1.60E-10	6.12E-02	6.93E-02	8.11E-03	0.00E+00	0.00E+00	0.00E+00	4.49E-04
MXN232	7.15E-05	3.82E-02	5.79E-03	2.49E-02	0.00E+00	0.00E+00	3.57E-01	3.42E-07	3.28E-05	2.13E-04	0.00E+00	6.15E-04	2.75E-09	7.92E-11	3.67E-03	7.03E-05	2.05E-03	1.56E-08	4.45E-05	9.49E-03	2.41E-01	0.00E+00	3.30E-10	4.25E-10	4.94E-05	1.32E-06	3.22E-02	0.00E+00	2.41E-01	5.80E-10	2.41E-01	2.73E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MXN240	6.78E-05	3.57E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.40E-01	3.25E-07	3.13E-05	2.02E-04	0.00E+00	5.84E-04	2.61E-09	7.55E-11	3.50E-03	6.65E-05	1.95E-03	1.38E-08	4.23E-05	9.09E-03	2.29E-01	0.00E+00	3.13E-10	4.03E-10	4.69E-05	1.25E-06	3.06E-02	0.00E+00	2.29E-01	5.52E-10	2.29E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
MXN250	6.18E-05	3.10E-02	5.07E-03	2.18E-02	0.00E+00	0.00E+00	3.13E-01	2.99E-07	2.88E-05	1.84E-04	0.00E+00	5.36E-04	2.40E-09	6.97E-11	3.23E-03	6.02E-05	1.79E-03	9.69E-09	3.86E-05	8.54E-03	2.09E-01	0.00E+00	2.85E-10	3.68E-10	4.28E-05	1.13E-06	2.80E-02	0.00E+00	2.09E-01	5.08E-10	2.09E-01	2.37E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MXN263	7.45E-05	3.97E-02	6.05E-03	2.60E-02	0.00E+00	0.00E+00	3.73E-01	3.57E-07	3.43E-05	2.22E-04	0.00E+00	6.42E-04	2.87E-09	8.27E-11	3.84E-03	7.33E-05	2.14E-03	1.59E-08	4.65E-05	9.93E-03	2.52E-01	0.00E+00	3.44E-10	4.43E-10	5.15E-05	1.38E-06	3.36E-02	0.00E+00	2.52E-01	6.06E-10	2.52E-01	2.85E-01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MXN310	9.92E-05	5.49E-02	7.99E-03	3.43E-02	0.00E+00	0.00E+00	4.92E-01	4.72E-07	4.52E-05	2.95E-04	0.00E+00	8.50E-04	3.79E-09	1.09E-10	5.06E-03	9.80E-05	2.83E-03	2.49E-08	6.17E-05	1.29E-02	3.34E-01	0.00E+00	4.58E-10	5.89E-10	6.85E-05	1.85E-06	4.46E-02	0.00E+00	3.34E-01	8.01E-10	3.34E-01	3.78E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
MXN316	2.26E-04	1.41E-01	1.78E-02	7.64E-02	0.00E+00	0.00E+00	1.09E+00	1.05E-06	1.00E-04	6.76E-04	0.00E+00	1.91E-03	8.42E-09	2.40E-10	1.12E-02	2.28E-04	6.30E-03	8.58E-08	1.40E-04	2.68E-02	7.55E-01	0.00E+00	1.05E-09	1.34E-09	1.56E-04	4.37E-06	1.01E-01	0.00E+00	7.55E-01	1.78E-09	7.55E-01	8.57E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-03
MXN320	3.59E-05	1.03E-02	3.15E-03	1.36E-02	0.00E+00	0.00E+00	1.98E-01	1.86E-07	1.83E-05	1.06E-04	0.00E+00	3.26E-04	1.50E-09	4.48E-11	2.06E-03	3.30E-05	1.12E-03	8.41E-09	2.28E-05	6.21E-03	1.25E-01	0.00E+00	1.65E-10	2.16E-10	2.50E-05	5.85E-07	1.66E-02	0.00E+00	1.25E-01	3.17E-10	1.25E-01	1.42E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.51E-04
MXN325	9.19E-05	4.72E-02	7.50E-03	3.23E-02	0.00E+00	0.00E+00	4.63E-01	4.43E-07	4.26E-05	2.73E-04	0.00E+00	7.94E-04	3.56E-09	1.03E-10	4.77E-03	8.99E-05	2.65E-03	1.65E-08	5.73E-05	1.25E-02	3.11E-01	0.00E+00	4.24E-10	5.47E-10	6.36E-05	1.68E-06	4.15E-02	0.00E+00	3.11E-01	7.52E-10	3.11E-01	3.52E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MXN350	9.55E-05	4.84E-02	7.81E-03	3.36E-02	0.00E+00	0.00E+00	4.83E-01	4.61E-07	4.44E-05	2.84E-04	0.00E+00	8.27E-04	3.71E-09	1.07E-10	4.97E-03	9.32E-05	2.77E-03	1.60E-08	5.96E-05	1.31E-02	3.23E-01	0.00E+00	4.41E-10	5.68E-10	6.61E-05	1.74E-06	4.32E-02	0.00E+00	3.23E-01	7.83E-10	3.23E-01	3.66E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
MXN363	1.00E-04	5.17E-02	8.19E-03	3.52E-02	0.00E+00	0.00E+00	5.05E-01	4.83E-07	4.65E-05	2.98E-04	0.00E+00	8.67E-04	3.88E-09	1.12E-10	5.20E-03	9.82E-05	2.90E-03	1.83E-08	6.26E-05	1.36E-02	3.39E-01	0.00E+00	4.63E-10	5.97E-10	6.94E-05	1.84E-06	4.53E-02	0.00E+00	3.39E-01	8.20E-10	3.39E-01	3.85E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MXN406	2.42E-04	1.48E-01	1.91E-02	8.19E-02	0.00E+00	0.00E+00	1.17E+00	1.13E-06	1.07E-04	7.21E-04	0.00E+00	2.04E-03	9.03E-09	2.57E-10	1.20E-02	2.43E-04	6.75E-03	8.65E-08	1.50E-04	2.91E-02	8.07E-01	0.00E+00	1.12E-09	1.43E-09	1.67E-04	4.64E-06	1.08E-01	0.00E+00	8.07E-01	1.91E-09	8.07E-01	9.15E-01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	6.57E-03
MXN410	2.66E-04	1.64E-01	2.09E-02	8.98E-02	0.00E+00	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.93E-04	0.00E+00	2.24E-03	9.90E-09	2.82E-10	1.31E-02	2.67E-04	7.40E-03	9.81E-08	1.64E-04	3.17E-02	8.86E-01	0.00E+00	1.23E-09	1.57E-09	1.83E-04	5.11E-06	1.19E-01	0.00E+00	8.86E-01	2.09E-09	8.86E-01	1.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
MXN416	9.74E-05	4.83E-02	8.00E-03	3.44E-02	0.00E+00	0.00E+00	4.95E-01	4.72E-07	4.55E-05	2.90E-04	0.00E+00	8.46E-04	3.80E-09	1.10E-10	5.10E-03	9.48E-05	2.83E-03	1.42E-08	6.09E-05	1.36E-02	3.30E-01	0.00E+00	4.50E-10	5.80E-10	6.74E-05	1.77E-06	4.41E-02	0.00E+00	3.30E-01	8.02E-10	3.30E-01	3.74E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MXN420	4.31E-05	1.03E-02	3.83E-03	1.66E-02	0.00E+00	0.00E+00	2.42E-01	2.26E-07	2.23E-05	1.27E-04	0.00E+00	3.95E-04	1.83E-09	5.48E-11	2.51E-03	3.90E-05	1.36E-03	1.38E-08	2.74E-05	7.77E-03	1.51E-01	0.00E+00	1.98E-10	2.60E-10	3.01E-05	6.82E-07	2.00E-02	0.00E+00	1.51E-01	3.85E-10	1.51E-01	1.71E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MXN425	3.11E-05	1.34E-03	2.93E-03	1.27E-02	0.00E+00	0.00E+00	1.87E-01	1.73E-07	1.73E-05	9.08E-05	0.00E+00	2.97E-04	1.40E-09	4.29E-11	1.96E-03	2.65E-05	1.04E-03	2.10E-08	2.01E-05	6.59E-03	1.11E-01	0.00E+00	1.42E-10	1.89E-10	2.18E-05	4.38E-07	1.47E-02	0.00E+00	1.11E-01	2.95E-10	1.11E-01	1.26E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.06E-04
MXN432	2.87E-05	1.56E-03	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.79E-01	1.65E-07	1.65E-05	8.37E-05	0.00E+00	2.80E-04	1.34E-09	4.13E-11	1.87E-03	2.38E-05	9.89E-04	2.45E-08	1.87E-05	6.54E-03	1.04E-01	0.00E+00	1.31E-10	1.76E-10	2.03E-05	3.80E-07	1.38E-02	0.00E+00	1.04E-01	2.80E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
MXN440	1.31E-04	6.82E-02	1.07E-02	4.59E-02	0.00E+00	0.00E+00	6.59E-01	6.30E-07	6.06E-05	3.90E-04	0.00E+00	1.13E-03	5.06E-09	1.46E-10	6.79E-03	1.28E-04	3.78E-03	2.51E-08	8.18E-05	1.77E-02	4.43E-01	0.00E+00	6.06E-10	7.80E-10	9.07E-05	2.41E-06	5.92E-02	0.00E+00	4.43E-01	1.07E-09	4.43E-01	5.02E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
MXN450	1.40E-05	1.30E-02	1.68E-03	7.43E-03	0.00E+00	0.00E+00	1.12E-01	9.96E-08	1.04E-05	3.93E-05	0.00E+00	1.60E-04	8.16E-10	2.69E-11	1.20E-03	8.30E-06	5.99E-04	3.42E-08	9.66E-06	5.15E-03	5.57E-02	0.00E+00	6.27E-11	8.91E-11	1.01E-05	7.42E-08	7.26E-03	0.00E+00	5.57E-02	1.70E-10	5.57E-02	6.30E-02	7.26E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04
MXN463	1.26E-04	6.38E-02	1.03E-02	4.45E-02	0.00E+00	0.00E+00	6.39E-01	6.10E-07	5.88E-05	3.76E-04	0.00E+00	1.09E-03	4.90E-09	1.42E-10	6.58E-03	1.23E-04	3.66E-03	2.07E-08	7.89E-05	1.74E-02	4.28E-01	0.00E+00	5.83E-10	7.52E-10	8.74E-05	2.30E-06	5.71E-02	0.00E+00	4.28E-01	1.04E-09	4.28E-01	4.85E-01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	3.40E-03
MY101	1.81E-05	6.95E-03	1.54E-03	6.67E-03	0.00E+00	0.00E+00	9.63E-02	9.12E-08	8.87E-06	5.37E-05	0.00E+00	1.61E-04	7.34E-10	2.16E-11	9.97E-04	1.71E-05	5.47E-04	1.05E-09	1.14E-05	2.85E-03	6.23E-02	0.00E+00	8.35E-11	1.09E-10	1.26E-05	3.11E-07	8.31E-03	0.00E+00	6.23E-02	1.55E-10	6.23E-02	7.07E-02	8.31E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-04
MY101E	2.12E-05	9.14E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.29E-05	0.00E+00	1.87E-04	8.45E-10	2.47E-11	1.14E-03	2.03E-05	6.30E-04	6.16E-10	1.33E-05	3.17E-03	7.25E-02	0.00E+00	9.78E-11	1.27E-10	1.47E-05	3.73E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.21E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
MY102	2.72E-05	1.31E-02	2.24E-03	9.64E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	8.07E-05	0.00E+00	2.36E-04	1.06E-09	3.09E-11	1.43E-03	2.63E-05	7.93E-04	3.35E-09	1.70E-05	3.83E-03	9.22E-02	0.00E+00	1.25E-10	1.62E-10	1.88E-05	4.90E-07	1.23E-02	0.00E+00	9.22E-02	2.24E-10	9.22E-02	1.05E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-04
MY102E	1.46E-05	4.68E-03	1.27E-03	5.49E-03	0.00E+00	0.00E+00	7.96E-02	7.49E-08	7.33E-06	4.32E-05	0.00E+00	1.32E-04	6.05E-10	1.79E-11	8.25E-04	1.35E-05	4.50E-04	2.52E-09	9.26E-06	2.45E-03	5.06E-02	0.00E+00	6.73E-11	8.78E-11	1.02E-05	2.42E-07	6.74E-03	0.00E+00	5.06E-02	1.27E-10	5.06E-02	5.74E-02	6.74E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04
MY103	2.07E-05	8.71E-03	1.74E-03	7.52E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.98E-06	6.14E-05	0.00E+00	1.83E-04	8.28E-10	2.43E-11	1.12E-03	1.97E-05	6.17E-04	2.06E-10	1.30E-05	3.13E-03	7.09E-02	0.00E+00	9.55E-11	1.24E-10	1.44E-05	3.62E-07	9.45E-03	0.00E+00	7.09E-02	1.75E-10	7.09E-02	8.03E-02	9.45E-03	0.00E+00	0.00E+00	0.00E+00	5.54E-04
MY103E	2.55E-05	1.20E-02	2.11E-03	9.08E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.56E-05	0.00E+00	2.22E-04	1.00E-09	2.91E-11	1.35E-03	2.46E-05	7.46E-04	2.61E-09	1.59E-05	3.64E-03	8.66E-02	0.00E+00	1.17E-10	1.52E-10	1.76E-05	4.57E-07	1.16E-02	0.00E+00	8.66E-02	2.11E-10	8.66E-02	9.81E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.84E-04
MY104	3.07E-05	1.55E-02	2.51E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.43E-05	9.13E-05	0.00E+00	2.66E-04	1.19E-09	3.45E-11	1.60E-03	3.00E-05	8.89E-04	5.08E-09	1.92E-05	4.22E-03	1.04E-01	0.00E+00	1.42E-10	1.83E-10	2.12E-05	5.60E-07	1.39E-02	0.00E+00	1.04E-01	2.52E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
MY104E	2.40E-05	1.10E-02	2.00E-03	8.61E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.14E-05	7.13E-05	0.00E+00	2.10E-04	9.48E-10	2.77E-11	1.28E-03	2.32E-05	7.07E-04	1.91E-09	1.51E-05	3.49E-03	8.19E-02	0.00E+00	1.11E-10	1.43E-10	1.67E-05	4.28E-07	1.09E-02	0.00E+00	8.19E-02	2.00E-10	8.19E-02	9.28E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.45E-04
MY106	4.73E-05	2.80E-02	3.76E-03	1.61E-02	0.00E+00	0.00E+00	2.31E-01	2.22E-07	2.12E-05	1.41E-04	0.00E+00	4.02E-04	1.78E-09	5.09E-11	2.37E-03	4.72E-05	1.33E-03	1.52E-08	2.93E-05	5.84E-03	1.58E-01	0.00E+00	2.19E-10	2.80E-10	3.26E-05	8.99E-07	2.12E-02	0.00E+00	1.58E-01	3.77E-10	1.58E-01	1.80E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MY106E	9.51E-06	1.60E-03	8.65E-04	3.75E-03	0.00E+00	0.00E+00	5.48E-02	5.11E-08	5.05E-06	2.79E-05	0.00E+00	8.86E-05	4.13E-10	1.25E-11	5.71E-04	8.43E-06	3.07E-04	4.26E-09	6.09E-06	1.82E-03	3.36E-02	0.00E+00	4.36E-11	5.76E-11	6.66E-06	1.45E-07	4.45E-03	0.00E+00	3.36E-02	8.69E-11	3.36E-02	3.80E-02	4.45E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY106P	3.12E-05	1.58E-02	2.55E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.45E-05	9.26E-05	0.00E+00	2.70E-04	1.21E-09	3.50E-11	1.62E-03	3.04E-05	9.02E-04	5.14E-09	1.95E-05	4.28E-03	1.05E-01	0.00E+00	1.44E-10	1.85E-10	2.16E-05	5.69E-07	1.41E-02	0.00E+00	1.05E-01	2.56E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.40E-04
MY110	4.03E-05	2.32E-02	3.22E-03	1.38E-02	0.00E+00	0.00E+00	1.98E-01	1.90E-07	1.82E-05	1.20E-04	0.00E+00	3.44E-04	1.53E-09	4.38E-11	2.03E-03	4.01E-05	1.14E-03	1.18E-08	2.50E-05	5.09E-03	1.35E-01	0.00E+00	1.86E-10	2.39E-10	2.78E-05	7.61E-07	1.81E-02	0.00E+00	1.35E-01	3.23E-10	1.35E-01	1.53E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MY110E	2.55E-05	1.32E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.57E-05	0.00E+00	2.20E-04	9.84E-10	2.85E-11	1.32E-03	2.49E-05	7.34E-04	4.79E-09	1.59E-05	3.45E-03	8.61E-02	0.00E+00	1.18E-10	1.51E-10	1.76E-05	4.67E-07	1.15E-02	0.00E+00	8.61E-02	2.08E-10	8.61E-02	9.76E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.87E-04
MY110P	2.54E-05	1.31E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.57E-05	0.00E+00	2.20E-04	9.84E-10	2.85E-11	1.32E-03	2.49E-05	7.34E-04	4.70E-09	1.59E-05	3.45E-03	8.60E-02	0.00E+00	1.17E-10	1.51E-10	1.76E-05	4.67E-07	1.15E-02	0.00E+00	8.60E-02	2.08E-10	8.60E-02	9.75E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
MY113	3.60E-05	2.00E-02	2.89E-03	1.24E-02	0.00E+00	0.00E+00	1.78E-01	1.71E-07	1.64E-05	1.07E-04	0.00E+00	3.08E-04	1.37E-09	3.94E-11	1.83E-03	3.56E-05	1.02E-03	9.25E-09	2.24E-05	4.65E-03	1.21E-01	0.00E+00	1.66E-10	2.14E-10	2.48E-05	6.73E-07	1.62E-02	0.00E+00	1.21E-01	2.90E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.73E-04
MY116	2.40E-05	1.18E-02	1.97E-03	8.48E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.12E-05	0.00E+00	2.08E-04	9.35E-10	2.71E-11	1.26E-03	2.33E-05	6.97E-04	3.30E-09	1.50E-05	3.35E-03	8.13E-02	0.00E+00	1.11E-10	1.43E-10	1.66E-05	4.34E-07	1.09E-02	0.00E+00	8.13E-02	1.97E-10	8.13E-02	9.21E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.45E-04
MY116E	2.47E-05	1.27E-02	2.02E-03	8.69E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.36E-05	0.00E+00	2.14E-04	9.57E-10	2.77E-11	1.28E-03	2.42E-05	7.14E-04	4.43E-09	1.54E-05	3.37E-03	8.37E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.53E-07	1.12E-02	0.00E+00	8.37E-02	2.02E-10	8.37E-02	9.48E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.67E-04
MY116P	2.46E-05	1.26E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.24E-01	1.19E-07	1.14E-05	7.33E-05	0.00E+00	2.13E-04	9.54E-10	2.76E-11	1.28E-03	2.41E-05	7.12E-04	4.39E-09	1.54E-05	3.36E-03	8.33E-02	0.00E+00	1.14E-10	1.47E-10	1.70E-05	4.51E-07	1.11E-02	0.00E+00	8.33E-02	2.02E-10	8.33E-02	9.45E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.64E-04
MY120	1.67E-05	6.62E-03	1.42E-03	6.12E-03	0.00E+00	0.00E+00	8.83E-02	8.37E-08	8.13E-06	4.95E-05	0.00E+00	1.48E-04	6.74E-10	1.98E-11	9.14E-04	1.58E-05	5.02E-04	5.71E-10	1.05E-05	2.59E-03	5.74E-02	0.00E+00	7.70E-11	1.00E-10	1.16E-05	2.89E-07	7.65E-03	0.00E+00	5.74E-02	1.42E-10	5.74E-02	6.50E-02	7.65E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-04
MY120E	5.46E-05	3.31E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.65E-01	2.55E-07	2.43E-05	1.63E-04	0.00E+00	4.62E-04	2.05E-09	5.84E-11	2.72E-03	5.47E-05	1.53E-03	1.89E-08	3.39E-05	6.63E-03	1.83E-01	0.00E+00	2.53E-10	3.23E-10	3.77E-05	1.05E-06	2.44E-02	0.00E+00	1.83E-01	4.33E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MY120P	2.63E-05	1.37E-02	2.14E-03	9.20E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.21E-05	7.82E-05	0.00E+00	2.27E-04	1.01E-09	2.93E-11	1.36E-03	2.57E-05	7.57E-04	5.10E-09	1.64E-05	3.54E-03	8.88E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.83E-07	1.19E-02	0.00E+00	8.88E-02	2.14E-10	8.88E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MY125	1.56E-05	5.60E-03	1.34E-03	5.79E-03	0.00E+00	0.00E+00	8.38E-02	7.92E-08	7.72E-06	4.62E-05	0.00E+00	1.40E-04	6.38E-10	1.89E-11	8.68E-04	1.46E-05	4.75E-04	1.61E-09	9.87E-06	2.52E-03	5.39E-02	0.00E+00	7.19E-11	9.37E-11	1.09E-05	2.64E-07	7.18E-03	0.00E+00	5.39E-02	1.35E-10	5.39E-02	6.10E-02	7.18E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
MY125E	2.38E-05	1.11E-02	1.97E-03	8.49E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.05E-05	0.00E+00	2.08E-04	9.35E-10	2.72E-11	1.26E-03	2.29E-05	6.97E-04	2.19E-09	1.49E-05	3.42E-03	8.08E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.25E-07	1.08E-02	0.00E+00	8.08E-02	1.97E-10	8.08E-02	9.16E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
MY125P	2.18E-05	9.67E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	1.15E-09	1.37E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.86E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.43E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MY132	3.11E-05	1.59E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.44E-05	9.24E-05	0.00E+00	2.69E-04	1.20E-09	3.49E-11	1.62E-03	3.04E-05	8.99E-04	5.39E-09	1.94E-05	4.25E-03	1.05E-01	0.00E+00	1.44E-10	1.85E-10	2.15E-05	5.69E-07	1.41E-02	0.00E+00	1.05E-01	2.55E-10	1.05E-01	1.19E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.38E-04
MY132E	2.67E-05	1.28E-02	2.20E-03	9.48E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	7.93E-05	0.00E+00	2.32E-04	1.04E-09	3.04E-11	1.41E-03	2.59E-05	7.79E-04	3.20E-09	1.67E-05	3.77E-03	9.06E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.81E-07	1.21E-02	0.00E+00	9.06E-02	2.21E-10	9.06E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.18E-04
MY132P	2.69E-05	1.30E-02	2.22E-03	9.57E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	8.00E-05	0.00E+00	2.34E-04	1.05E-09	3.07E-11	1.42E-03	2.61E-05	7.86E-04	3.24E-09	1.68E-05	3.81E-03	9.14E-02	0.00E+00	1.24E-10	1.60E-10	1.86E-05	4.85E-07	1.22E-02	0.00E+00	9.14E-02	2.23E-10	9.14E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.24E-04
MY140	2.82E-05	1.39E-02	2.32E-03	9.98E-03	0.00E+00	0.00E+00	1.43E-01	1.37E-07	1.32E-05	8.38E-05	0.00E+00	2.45E-04	1.10E-09	3.19E-11	1.48E-03	2.74E-05	8.21E-04	3.99E-09	1.76E-05	3.94E-03	9.57E-02	0.00E+00	1.30E-10	1.68E-10	1.95E-05	5.11E-07	1.28E-02	0.00E+00	9.57E-02	2.32E-10	9.57E-02	1.08E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
MY140E	2.65E-05	1.27E-02	2.19E-03	9.43E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.25E-05	7.88E-05	0.00E+00	2.31E-04	1.04E-09	3.02E-11	1.40E-03	2.57E-05	7.75E-04	3.12E-09	1.66E-05	3.76E-03	9.01E-02	0.00E+00	1.22E-10	1.58E-10	1.84E-05	4.78E-07	1.20E-02	0.00E+00	9.01E-02	2.19E-10	9.01E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MY140P	1.33E-05	4.02E-03	1.16E-03	5.03E-03	0.00E+00	0.00E+00	7.30E-02	6.86E-08	6.72E-06	3.93E-05	0.00E+00	1.21E-04	5.54E-10	1.65E-11	7.57E-04	1.23E-05	4.12E-04	2.74E-09	8.44E-06	2.27E-03	4.62E-02	0.00E+00	6.12E-11	8.01E-11	9.28E-06	2.19E-07	6.15E-03	0.00E+00	4.62E-02	1.17E-10	4.62E-02	5.24E-02	6.15E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MY150	2.36E-05	1.04E-02	1.97E-03	8.49E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	6.99E-05	0.00E+00	2.07E-04	9.35E-10	2.73E-11	1.26E-03	2.26E-05	6.97E-04	1.18E-09	1.48E-05	3.48E-03	8.04E-02	0.00E+00	1.09E-10	1.41E-10	1.63E-05	4.17E-07	1.07E-02	0.00E+00	8.04E-02	1.97E-10	8.04E-02	9.12E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04
MY150E	2.50E-05	1.13E-02	2.08E-03	8.97E-03	0.00E+00	0.00E+00	1.29E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.88E-10	2.89E-11	1.33E-03	2.40E-05	7.37E-04	1.62E-09	1.57E-05	3.66E-03	8.51E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.43E-07	1.14E-02	0.00E+00	8.51E-02	2.09E-10	8.51E-02	9.65E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MY163	3.75E-05	2.00E-02	3.04E-03	1.31E-02	0.00E+00	0.00E+00	1.88E-01	1.80E-07	1.73E-05	1.12E-04	0.00E+00	3.23E-04	1.44E-09	4.16E-11	1.93E-03	3.69E-05	1.08E-03	7.99E-09	2.34E-05	5.00E-03	1.27E-01	0.00E+00	1.73E-10	2.23E-10	2.59E-05	6.94E-07	1.69E-02	0.00E+00	1.27E-01	3.05E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MY163E	2.48E-05	1.12E-02	2.07E-03	8.90E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.36E-05	0.00E+00	2.17E-04	9.81E-10	2.86E-11	1.32E-03	2.38E-05	7.31E-04	1.61E-09	1.55E-05	3.63E-03	8.45E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.40E-07	1.13E-02	0.00E+00	8.45E-02	2.07E-10	8.45E-02	9.58E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.65E-04
MY201	4.51E-05	2.00E-02	3.77E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-09	5.23E-11	2.42E-03	4.33E-05	1.33E-03	2.39E-09	2.83E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.13E-05	7.99E-07	2.05E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MY201E	3.26E-05	1.17E-02	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.75E-01	1.65E-07	1.61E-05	9.63E-05	0.00E+00	2.91E-04	1.33E-09	3.93E-11	1.81E-03	3.05E-05	9.89E-04	3.33E-09	2.06E-05	5.25E-03	1.12E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.51E-07	1.49E-02	0.00E+00	1.12E-01	2.80E-10	1.12E-01	1.27E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.67E-04
MY202	6.19E-05	3.15E-02	5.06E-03	2.18E-02	0.00E+00	0.00E+00	3.12E-01	2.98E-07	2.87E-05	1.84E-04	0.00E+00	5.35E-04	2.40E-09	6.95E-11	3.22E-03	6.04E-05	1.79E-03	1.06E-08	3.86E-05	8.47E-03	2.09E-01	0.00E+00	2.86E-10	3.68E-10	4.28E-05	1.13E-06	2.80E-02	0.00E+00	2.09E-01	5.07E-10	2.09E-01	2.37E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MY202E	5.28E-05	2.53E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.48E-05	1.57E-04	0.00E+00	4.60E-04	2.07E-09	6.02E-11	2.78E-03	5.11E-05	1.54E-03	6.13E-09	3.30E-05	7.49E-03	1.79E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.51E-07	2.39E-02	0.00E+00	1.79E-01	4.37E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MY203	6.19E-05	3.15E-02	5.06E-03	2.18E-02	0.00E+00	0.00E+00	3.12E-01	2.98E-07	2.87E-05	1.84E-04	0.00E+00	5.35E-04	2.40E-09	6.95E-11	3.22E-03	6.04E-05	1.79E-03	1.06E-08	3.86E-05	8.47E-03	2.09E-01	0.00E+00	2.86E-10	3.68E-10	4.28E-05	1.13E-06	2.80E-02	0.00E+00	2.09E-01	5.07E-10	2.09E-01	2.37E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MY203E	5.28E-05	2.54E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.48E-05	1.57E-04	0.00E+00	4.60E-04	2.07E-09	6.02E-11	2.78E-03	5.12E-05	1.54E-03	6.31E-09	3.31E-05	7.48E-03	1.79E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.52E-07	2.40E-02	0.00E+00	1.79E-01	4.37E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MY204	6.19E-05	3.15E-02	5.06E-03	2.18E-02	0.00E+00	0.00E+00	3.12E-01	2.98E-07	2.87E-05	1.84E-04	0.00E+00	5.35E-04	2.40E-09	6.95E-11	3.22E-03	6.04E-05	1.79E-03	1.06E-08	3.86E-05	8.47E-03	2.09E-01	0.00E+00	2.86E-10	3.68E-10	4.28E-05	1.13E-06	2.80E-02	0.00E+00	2.09E-01	5.07E-10	2.09E-01	2.37E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03

MY204E	1.73E-05	1.20E-03	1.62E-03	7.04E-03	0.00E+00	0.00E+00	1.03E-01	9.57E-08	9.53E-06	5.06E-05	0.00E+00	1.65E-04	7.75E-10	2.37E-11	1.08E-03	1.49E-05	5.74E-04	1.09E-08	1.12E-05	3.60E-03	6.18E-02	0.00E+00	7.93E-11	1.05E-10	1.22E-05	2.48E-07	8.18E-03	0.00E+00	6.18E-02	1.63E-10	6.18E-02	7.00E-02	8.18E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-04
MY206	9.50E-05	5.63E-02	7.55E-03	3.24E-02	0.00E+00	0.00E+00	4.63E-01	4.45E-07	4.26E-05	2.83E-04	0.00E+00	8.06E-04	3.57E-09	1.02E-10	4.75E-03	9.48E-05	2.67E-03	3.07E-08	5.89E-05	1.17E-02	3.18E-01	0.00E+00	4.39E-10	5.63E-10	6.55E-05	1.81E-06	4.26E-02	0.00E+00	3.18E-01	7.56E-10	3.18E-01	3.61E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MY206E	1.16E-04	7.08E-02	9.15E-03	3.93E-02	0.00E+00	0.00E+00	5.60E-01	5.40E-07	5.15E-05	3.46E-04	0.00E+00	9.80E-04	4.33E-09	1.23E-10	5.75E-03	1.16E-04	3.24E-03	4.14E-08	7.18E-05	1.40E-02	3.87E-01	0.00E+00	5.36E-10	6.86E-10	7.99E-05	2.22E-06	5.18E-02	0.00E+00	3.87E-01	9.16E-10	3.87E-01	4.39E-01	5.18E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
MY206P	1.01E-04	5.90E-02	8.01E-03	3.44E-02	0.00E+00	0.00E+00	4.92E-01	4.73E-07	4.52E-05	3.00E-04	0.00E+00	8.55E-04	3.79E-09	1.09E-10	5.05E-03	1.00E-04	2.83E-03	3.14E-08	6.24E-05	1.25E-02	3.37E-01	0.00E+00	4.65E-10	5.96E-10	6.94E-05	1.91E-06	4.51E-02	0.00E+00	3.37E-01	8.03E-10	3.37E-01	3.82E-01	4.51E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MY210	7.79E-05	4.46E-02	6.23E-03	2.68E-02	0.00E+00	0.00E+00	3.83E-01	3.68E-07	3.52E-05	2.32E-04	0.00E+00	6.64E-04	2.95E-09	8.47E-11	3.93E-03	7.74E-05	2.20E-03	2.23E-08	4.84E-05	9.86E-03	2.61E-01	0.00E+00	3.60E-10	4.62E-10	5.38E-05	1.47E-06	3.50E-02	0.00E+00	2.61E-01	6.24E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MY210E	1.85E-05	8.55E-03	1.61E-03	6.93E-03	0.00E+00	0.00E+00	1.00E-01	9.50E-08	9.20E-06	5.72E-05	0.00E+00	1.69E-04	7.65E-10	2.24E-11	1.03E-03	1.85E-05	5.68E-04	0.00E+00	1.20E-05	2.84E-03	6.58E-02	0.00E+00	8.89E-11	1.15E-10	1.34E-05	3.41E-07	8.77E-03	0.00E+00	6.58E-02	1.61E-10	6.58E-02	7.46E-02	8.77E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04
MY210P	1.63E-05	1.69E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.88E-06	4.79E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.00E-03	1.42E-05	5.37E-04	9.24E-09	1.05E-05	3.30E-03	5.81E-02	0.00E+00	7.48E-11	9.92E-11	1.15E-05	2.39E-07	7.70E-03	0.00E+00	5.81E-02	1.52E-10	5.81E-02	6.58E-02	7.70E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
MY213	8.01E-05	4.56E-02	6.42E-03	2.76E-02	0.00E+00	0.00E+00	3.94E-01	3.79E-07	3.62E-05	2.39E-04	0.00E+00	6.83E-04	3.04E-09	8.72E-11	4.05E-03	7.95E-05	2.27E-03	2.26E-08	4.98E-05	1.02E-02	2.69E-01	0.00E+00	3.70E-10	4.75E-10	5.53E-05	1.51E-06	3.60E-02	0.00E+00	2.69E-01	6.43E-10	2.69E-01	3.05E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
MY216	5.29E-05	2.71E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.55E-07	2.46E-05	1.57E-04	0.00E+00	4.58E-04	2.05E-09	5.93E-11	2.75E-03	5.17E-05	1.53E-03	9.29E-09	3.30E-05	7.22E-03	1.79E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.68E-07	2.39E-02	0.00E+00	1.79E-01	4.33E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
MY216E	1.84E-05	8.55E-03	1.61E-03	6.94E-03	0.00E+00	0.00E+00	1.00E-01	9.50E-08	9.20E-06	5.72E-05	0.00E+00	1.69E-04	7.65E-10	2.24E-11	1.03E-03	1.85E-05	5.68E-04	0.00E+00	1.20E-05	2.84E-03	6.58E-02	0.00E+00	8.89E-11	1.15E-10	1.34E-05	3.41E-07	8.78E-03	0.00E+00	6.58E-02	1.61E-10	6.58E-02	7.46E-02	8.78E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04
MY216P	5.19E-05	2.71E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.60E-01	2.49E-07	2.40E-05	1.54E-04	0.00E+00	4.47E-04	2.00E-09	5.78E-11	2.68E-03	5.08E-05	1.49E-03	1.01E-08	3.23E-05	6.99E-03	1.75E-01	0.00E+00	2.39E-10	3.08E-10	3.59E-05	9.54E-07	2.34E-02	0.00E+00	1.75E-01	4.23E-10	1.75E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MY220	4.94E-05	2.42E-02	4.06E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.40E-07	2.31E-05	1.47E-04	0.00E+00	4.29E-04	1.93E-09	5.60E-11	2.59E-03	4.80E-05	1.44E-03	6.74E-09	3.09E-05	6.92E-03	1.68E-01	0.00E+00	2.28E-10	2.94E-10	3.42E-05	8.95E-07	2.24E-02	0.00E+00	1.68E-01	4.07E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MY220E	4.54E-05	2.14E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.14E-05	1.35E-04	0.00E+00	3.96E-04	1.78E-09	5.20E-11	2.40E-03	4.39E-05	1.33E-03	4.62E-09	2.84E-05	6.50E-03	1.54E-01	0.00E+00	2.10E-10	2.71E-10	3.15E-05	8.15E-07	2.06E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MY220P	5.32E-05	2.67E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.69E-01	2.57E-07	2.48E-05	1.58E-04	0.00E+00	4.61E-04	2.07E-09	6.00E-11	2.78E-03	5.19E-05	1.54E-03	8.43E-09	3.32E-05	7.35E-03	1.80E-01	0.00E+00	2.46E-10	3.17E-10	3.68E-05	9.69E-07	2.41E-02	0.00E+00	1.80E-01	4.37E-10	1.80E-01	2.04E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
MY225	3.86E-07	1.06E-02	2.47E-04	1.16E-03	0.00E+00	0.00E+00	1.97E-02	1.47E-08	1.85E-06	2.26E-06	0.00E+00	1.68E-05	1.27E-10	5.33E-12	2.23E-04	3.12E-06	8.93E-05	1.89E-08	2.45E-07	1.62E-03	3.06E-03	0.00E+00	2.65E-12	8.13E-13	2.11E-08	1.00E-07	3.13E-04	0.00E+00	3.06E-03	2.56E-11	3.06E-03	3.37E-03	3.13E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
MY225E	4.99E-05	2.36E-02	4.13E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.35E-05	1.48E-04	0.00E+00	4.36E-04	1.96E-09	5.71E-11	2.64E-03	4.83E-05	1.46E-03	5.32E-09	3.13E-05	7.12E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.97E-07	2.27E-02	0.00E+00	1.70E-01	4.14E-10	1.70E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MY225P	5.29E-05	2.47E-02	4.38E-03	1.89E-02	0.00E+00	0.00E+00	2.72E-01	2.59E-07	2.50E-05	1.57E-04	0.00E+00	4.62E-04	2.08E-09	6.06E-11	2.80E-03	5.10E-05	1.55E-03	4.99E-09	3.31E-05	7.60E-03	1.80E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.46E-07	2.40E-02	0.00E+00	1.80E-01	4.39E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MY225V	4.63E-06	7.32E-03	6.39E-04	2.84E-03	0.00E+00	0.00E+00	4.36E-02	3.79E-08	4.04E-06	1.27E-05	0.00E+00	5.89E-05	3.12E-10	1.06E-11	4.68E-04	1.96E-06	2.28E-04	1.68E-08	3.35E-06	2.19E-03	1.98E-02	0.00E+00	2.06E-11	3.05E-11	3.43E-06	2.38E-09	2.55E-03	0.00E+00	1.98E-02	6.48E-11	1.98E-02	2.23E-02	2.55E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MY232	6.73E-05	3.54E-02	5.48E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.23E-07	3.11E-05	2.00E-04	0.00E+00	5.80E-04	2.60E-09	7.50E-11	3.48E-03	6.61E-05	1.94E-03	1.36E-08	4.20E-05	9.04E-03	2.27E-01	0.00E+00	3.11E-10	4.00E-10	4.66E-05	1.24E-06	3.04E-02	0.00E+00	2.27E-01	5.49E-10	2.27E-01	2.58E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
MY232E	4.75E-05	2.17E-02	3.95E-03	1.70E-02	0.00E+00	0.00E+00	2.45E-01	2.33E-07	2.26E-05	1.41E-04	0.00E+00	4.16E-04	1.88E-09	5.48E-11	2.53E-03	4.58E-05	1.40E-03	3.56E-09	2.98E-05	6.91E-03	1.62E-01	0.00E+00	2.19E-10	2.84E-10	3.30E-05	8.46E-07	2.16E-02	0.00E+00	1.62E-01	3.97E-10	1.62E-01	1.84E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MY232P	5.73E-05	2.88E-02	4.70E-03	2.02E-02	0.00E+00	0.00E+00	2.90E-01	2.77E-07	2.67E-05	1.70E-04	0.00E+00	4.97E-04	2.23E-09	6.46E-11	2.99E-03	5.59E-05	1.66E-03	9.09E-09	3.58E-05	7.91E-03	1.94E-01	0.00E+00	2.65E-10	3.41E-10	3.97E-05	1.04E-06	2.59E-02	0.00E+00	1.94E-01	4.71E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MY232V	3.47E-05	1.30E-02	2.96E-03	1.28E-02	0.00E+00	0.00E+00	1.85E-01	1.75E-07	1.70E-05	1.03E-04	0.00E+00	3.09E-04	1.41E-09	4.16E-11	1.92E-03	3.26E-05	1.05E-03	2.62E-09	2.19E-05	5.51E-03	1.19E-01	0.00E+00	1.60E-10	2.08E-10	2.41E-05	5.92E-07	1.59E-02	0.00E+00	1.19E-01	2.97E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-04
MY240	5.93E-05	2.99E-02	4.86E-03	2.09E-02	0.00E+00	0.00E+00	3.00E-01	2.87E-07	2.76E-05	1.76E-04	0.00E+00	5.14E-04	2.30E-09	6.67E-11	3.09E-03	5.78E-05	1.72E-03	9.64E-09	3.70E-05	8.17E-03	2.01E-01	0.00E+00	2.74E-10	3.53E-10	4.10E-05	1.08E-06	2.68E-02	0.00E+00	2.01E-01	4.87E-10	2.01E-01	2.28E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MY240E	5.08E-05	2.39E-02	4.20E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.48E-07	2.40E-05	1.51E-04	0.00E+00	4.43E-04	1.99E-09	5.81E-11	2.69E-03	4.91E-05	1.49E-03	5.22E-09	3.18E-05	7.26E-03	1.73E-01	0.00E+00	2.34E-10	3.03E-10	3.52E-05	9.11E-07	2.30E-02	0.00E+00	1.73E-01	4.21E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MY240P	5.07E-05	2.39E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.47E-07	2.39E-05	1.50E-04	0.00E+00	4.42E-04	1.99E-09	5.79E-11	2.68E-03	4.90E-05	1.48E-03	5.25E-09	3.17E-05	7.24E-03	1.72E-01	0.00E+00	2.34E-10	3.02E-10	3.51E-05	9.09E-07	2.30E-02	0.00E+00	1.72E-01	4.20E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MY250	4.88E-05	2.21E-02	4.07E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.32E-05	1.45E-04	0.00E+00	4.28E-04	1.93E-09	5.64E-11	2.60E-03	4.70E-05	1.44E-03	3.35E-09	3.06E-05	7.13E-03	1.66E-01	0.00E+00	2.25E-10	2.91E-10	3.39E-05	8.68E-07	2.22E-02	0.00E+00	1.66E-01	4.08E-10	1.66E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MY250E	4.94E-05	2.22E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.46E-04	0.00E+00	4.33E-04	1.95E-09	5.71E-11	2.64E-03	4.74E-05	1.46E-03	3.11E-09	3.10E-05	7.23E-03	1.68E-01	0.00E+00	2.28E-10	2.95E-10	3.42E-05	8.76E-07	2.25E-02	0.00E+00	1.68E-01	4.13E-10	1.68E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MY263	5.44E-05	2.59E-02	4.49E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.65E-07	2.56E-05	1.61E-04	0.00E+00	4.74E-04	2.13E-09	6.20E-11	2.87E-03	5.26E-05	1.59E-03	6.05E-09	3.40E-05	7.73E-03	1.85E-01	0.00E+00	2.51E-10	3.24E-10	3.76E-05	9.77E-07	2.47E-02	0.00E+00	1.85E-01	4.50E-10	1.85E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MY263E	5.17E-05	2.39E-02	4.29E-03	1.85E-02	0.00E+00	0.00E+00	2.66E-01	2.53E-07	2.45E-05	1.53E-04	0.00E+00	4.52E-04	2.04E-09	5.94E-11	2.75E-03	4.98E-05	1.52E-03	4.41E-09	3.24E-05	7.47E-03	1.76E-01	0.00E+00	2.38E-10	3.08E-10	3.58E-05	9.23E-07	2.35E-02	0.00E+00	1.76E-01	4.30E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MY301	7.61E-05	3.59E-02	6.30E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.72E-07	3.59E-05	2.26E-04	0.00E+00	6.64E-04	2.99E-09	8.71E-11	4.03E-03	7.36E-05	2.23E-03	7.78E-09	4.77E-05	1.09E-02	2.59E-01	0.00E+00	3.51E-10	4.54E-10	5.27E-05	1.37E-06	3.46E-02	0.00E+00	2.59E-01	6.32E-10	2.59E-01	2.93E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MY301E	7.68E-05	3.64E-02	6.35E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.70E-04	3.01E-09	8.77E-11	4.06E-03	7.43E-05	2.25E-03	8.18E-09	4.81E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.38E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MY302	9.47E-05	4.86E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.78E-01	4.56E-07	4.39E-05	2.82E-04	0.00E+00	8.19E-04	3.67E-09	1.06E-10	4.92E-03	9.26E-05	2.74E-03	1.69E-08	5.91E-05	1.29E-02	3.20E-01	0.00E+00	4.37E-10	5.64E-10	6.55E-05	1.73E-06	4.28E-02	0.00E+00	3.20E-01	7.75E-10	3.20E-01	3.63E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MY303	9.47E-05	4.86E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.78E-01	4.56E-07	4.39E-05	2.82E-04	0.00E+00	8.19E-04	3.67E-09	1.06E-10	4.92E-03	9.26E-05	2.74E-03	1.69E-08	5.91E-05	1.29E-02	3.20E-01	0.00E+00	4.37E-10	5.64E-10	6.55E-05	1.73E-06	4.28E-02	0.00E+00	3.20E-01	7.75E-10	3.20E-01	3.63E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MY304	9.47E-05	4.86E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.78E-01	4.56E-07	4.39E-05	2.82E-04	0.00E+00	8.19E-04	3.67E-09	1.06E-10	4.92E-03	9.26E-05	2.74E-03	1.69E-08	5.91E-05	1.29E-02	3.20E-01	0.00E+00	4.37E-10	5.64E-10	6.55E-05	1.73E-06	4.28E-02	0.00E+00	3.20E-01	7.75E-10	3.20E-01	3.63E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MY306	1.39E-04	8.18E-02	1.10E-02	4.73E-02	0.00E+00	0.00E+00	6.76E-01	6.50E-07	6.22E-05	4.13E-04	0.00E+00	1.18E-03	5.22E-09	1.49E-10	6.94E-03	1.38E-04	3.90E-03	4.41E-08	8.60E-05	1.72E-02	4.64E-01	0.00E+00	6.41E-10	8.21E-10	9.56E-05	2.63E-06	6.21E-02	0.00E+00	4.64E-01	1.10E-09	4.64E-01	5.26E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
MY306E	1.77E-04	1.09E-01	1.40E-02	6.00E-02	0.00E+00	0.00E+00	8.56E-01	8.25E-07	7.87E-05	5.29E-04	0.00E+00	1.50E-03	6.62E-09	1.89E-10	8.78E-03	1.78E-04	4.95E-03	6.39E-08	1.10E-04	2.13E-02	5.92E-01	0.00E+00	8.20E-10	1.05E-09	1.22E-04	3.40E-06	7.92E-02	0.00E+00	5.92E-01	1.40E-09	5.92E-01	6.71E-01	7.92E-02	0.00E+00	0.00E+00	0.00E+00	4.82E-03
MY306P	1.56E-04	9.20E-02	1.24E-02	5.32E-02	0.00E+00	0.00E+00	7.61E-01	7.32E-07	6.99E-05	4.65E-04	0.00E+00	1.32E-03	5.87E-09	1.68E-10	7.81E-03	1.56E-04	4.39E-03	4.97E-08	9.67E-05	1.93E-02	5.22E-01	0.00E+00	7.21E-10	9.24E-10	1.08E-04	2.96E-06	6.99E-02	0.00E+00	5.22E-01	1.24E-09	5.22E-01	5.92E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	4.23E-03
MY310	1.37E-04	8.08E-02	1.09E-02	4.69E-02	0.00E+00	0.00E+00	6.70E-01	6.44E-07	6.16E-05	4.09E-04	0.00E+00	1.17E-03	5.17E-09	1.48E-10	6.88E-03	1.37E-04	3.86E-03	4.35E-08	8.51E-05	1.70E-02	4.60E-01	0.00E+00	6.34E-10	8.13E-10	9.47E-05	2.61E-06	6.15E-02	0.00E+00	4.60E-01	1.09E-09	4.60E-01	5.21E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-03
MY310E	1.47E-04	8.83E-02	1.17E-02	5.02E-02	0.00E+00	0.00E+00	7.17E-01	6.90E-07	6.59E-05	4.40E-04	0.00E+00	1.25E-03	5.53E-09	1.58E-10	7.36E-03	1.48E-04	4.14E-03	4.94E-08	9.14E-05	1.80E-02	4.93E-01	0.00E+00	6.82E-10	8.73E-10	1.02E-04	2.81E-06	6.60E-02	0.00E+00	4.93E-01	1.17E-09	4.93E-01	5.59E-01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-03
MY310P	2.45E-05	2.64E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.44E-01	1.34E-07	1.33E-05	7.19E-05	0.00E+00	2.32E-04	1.09E-09	3.30E-11	1.51E-03	2.14E-05	8.06E-04	1.37E-08	1.58E-05	4.95E-03	8.72E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.60E-07	1.16E-02	0.00E+00	8.72E-02	2.28E-10	8.72E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-04
MY313	1.05E-04	5.83E-02	8.48E-03	3.64E-02	0.00E+00	0.00E+00	5.22E-01	5.00E-07	4.80E-05	3.14E-04	0.00E+00	9.02E-04	4.02E-09	1.16E-10	5.36E-03	1.04E-04	3.00E-03	2.66E-08	6.55E-05	1.36E-02	3.54E-01	0.00E+00	4.86E-10	6.25E-10	7.27E-05	1.97E-06	4.74E-02	0.00E+00	3.54E-01	8.49E-10	3.54E-01	4.02E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
MY316	1.13E-04	6.37E-02	9.09E-03	3.90E-02	0.00E+00	0.00E+00	5.59E-01	5.36E-07	5.14E-05	3.37E-04	0.00E+00	9.67E-04	4.30E-09	1.24E-10	5.74E-03	1.12E-04	3.22E-03	3.05E-08	7.04E-05	1.45E-02	3.80E-01	0.00E+00	5.23E-10	6.72E-10	7.82E-05	2.12E-06	5.09E-02	0.00E+00	3.80E-01	9.10E-10	3.80E-01	4.31E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
MY316E	1.61E-04	9.74E-02	1.27E-02	5.46E-02	0.00E+00	0.00E+00	7.78E-01	7.50E-07	7.16E-05	4.79E-04	0.00E+00	1.36E-03	6.01E-09	1.72E-10	7.99E-03	1.61E-04	4.50E-03	5.58E-08	9.96E-05	1.95E-02	5.37E-01	0.00E+00	7.43E-10	9.51E-10	1.11E-04	3.08E-06	7.19E-02	0.00E+00	5.37E-01	1.27E-09	5.37E-01	6.09E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	4.36E-03
MY316P	8.22E-05	4.37E-02	6.67E-03	2.87E-02	0.00E+00	0.00E+00	4.11E-01	3.94E-07	3.78E-05	2.45E-04	0.00E+00	7.08E-04	3.16E-09	9.13E-11	4.23E-03	8.08E-05	2.36E-03	1.75E-08	5.12E-05	1.10E-02	2.77E-01	0.00E+00	3.80E-10	4.89E-10	5.68E-05	1.52E-06	3.71E-02	0.00E+00	2.77E-01	6.68E-10	2.77E-01	3.15E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
MY320	6.91E-05	3.30E-02	5.71E-03	2.46E-02	0.00E+00	0.00E+00	3.54E-01	3.37E-07	3.25E-05	2.05E-04	0.00E+00	6.02E-04	2.71E-09	7.88E-11	3.65E-03	6.69E-05	2.02E-03	7.79E-09	4.32E-05	9.82E-03	2.35E-01	0.00E+00	3.19E-10	4.12E-10	4.79E-05	1.24E-06	3.13E-02	0.00E+00	2.35E-01	5.72E-10	2.35E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MY320E	7.84E-05	3.92E-02	6.43E-03	2.77E-02	0.00E+00	0.00E+00	3.97E-01	3.79E-07	3.66E-05	2.33E-04	0.00E+00	6.80E-04	3.05E-09	8.84E-11	4.10E-03	7.64E-05	2.28E-03	1.21E-08	4.90E-05	1.09E-02	2.66E-01	0.00E+00	3.62E-10	4.67E-10	5.43E-05	1.43E-06	3.55E-02	0.00E+00	2.66E-01	6.44E-10	2.66E-01	3.01E-01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MY320P	7.58E-05	3.74E-02	6.22E-03	2.68E-02	0.00E+00	0.00E+00	3.85E-01	3.67E-07	3.54E-05	2.25E-04	0.00E+00	6.58E-04	2.95E-09	8.57E-11	3.97E-03	7.37E-05	2.20E-03	1.09E-08	4.73E-05	1.06E-02	2.57E-01	0.00E+00	3.50E-10	4.51E-10	5.24E-05	1.37E-06	3.43E-02	0.00E+00	2.57E-01	6.24E-10	2.57E-01	2.91E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MY325	2.95E-05	4.90E-03	2.68E-03	1.16E-02	0.00E+00	0.00E+00	1.70E-01	1.58E-07	1.57E-05	8.66E-05	0.00E+00	2.75E-04	1.28E-09	3.87E-11	1.77E-03	2.61E-05	9.51E-04	1.33E-08	1.89E-05	5.67E-03	1.04E-01	0.00E+00	1.35E-10	1.79E-10	2.06E-05	4.48E-07	1.38E-02	0.00E+00	1.04E-01	2.70E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.73E-04
MY325E	7.64E-05	3.66E-02	6.31E-03	2.72E-02	0.00E+00	0.00E+00	3.91E-01	3.72E-07	3.60E-05	2.27E-04	0.00E+00	6.66E-04	3.00E-09	8.71E-11	4.03E-03	7.40E-05	2.23E-03	8.86E-09	4.78E-05	1.08E-02	2.60E-01	0.00E+00	3.53E-10	4.56E-10	5.29E-05	1.38E-06	3.47E-02	0.00E+00	2.60E-01	6.33E-10	2.60E-01	2.94E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MY325P	7.27E-05	3.40E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.73E-01	3.56E-07	3.44E-05	2.16E-04	0.00E+00	6.35E-04	2.86E-09	8.33E-11	3.85E-03	7.02E-05	2.13E-03	6.96E-09	4.55E-05	1.04E-02	2.47E-01	0.00E+00	3.35E-10	4.34E-10	5.04E-05	1.30E-06	3.30E-02	0.00E+00	2.47E-01	6.04E-10	2.47E-01	2.80E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
MY332	8.96E-05	4.55E-02	7.33E-03	3.15E-02	0.00E+00	0.00E+00	4.53E-01	4.33E-07	4.17E-05	2.66E-04	0.00E+00	7.76E-04	3.48E-09	1.01E-10	4.67E-03	8.75E-05	2.59E-03	1.50E-08	5.60E-05	1.23E-02	3.03E-01	0.00E+00	4.14E-10	5.33E-10	6.20E-05	1.64E-06	4.05E-02	0.00E+00	3.03E-01	7.35E-10	3.03E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
MY332E	7.62E-05	3.61E-02	6.30E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.72E-07	3.59E-05	2.26E-04	0.00E+00	6.64E-04	2.99E-09	8.70E-11	4.03E-03	7.37E-05	2.23E-03	8.15E-09	4.77E-05	1.09E-02	2.59E-01	0.00E+00	3.52E-10	4.54E-10	5.28E-05	1.37E-06	3.46E-02	0.00E+00	2.59E-01	6.32E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MY332P	7.10E-05	3.26E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.48E-07	3.37E-05	2.11E-04	0.00E+00	6.22E-04	2.80E-09	8.18E-11	3.78E-03	6.84E-05	2.09E-03	5.63E-09	4.45E-05	1.03E-02	2.42E-01	0.00E+00	3.28E-10	4.24E-10	4.92E-05	1.27E-06	3.23E-02	0.00E+00	2.42E-01	5.92E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MY340	8.31E-05	4.09E-02	6.83E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.03E-07	3.89E-05	2.47E-04	0.00E+00	7.22E-04	3.24E-09	9.41E-11	4.36E-03	8.08E-05	2.42E-03	1.16E-08	5.20E-05	1.16E-02	2.82E-01	0.00E+00	3.84E-10	4.95E-10	5.75E-05	1.51E-06	3.76E-02	0.00E+00	2.82E-01	6.85E-10	2.82E-01	3.20E-01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
MY340E	7.00E-05	3.17E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.62E-01	3.44E-07	3.33E-05	2.08E-04	0.00E+00	6.14E-04	2.77E-09	8.08E-11	3.73E-03	6.74E-05	2.06E-03	4.89E-09	4.39E-05	1.02E-02	2.39E-01	0.00E+00	3.23E-10	4.18E-10	4.85E-05	1.24E-06	3.18E-02	0.00E+00	2.39E-01	5.85E-10	2.39E-01	2.70E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MY340P	4.56E-04	3.01E-01	3.55E-02	1.52E-01	0.00E+00	0.00E+00	2.16E+00	2.09E-06	1.98E-04	1.36E-03	0.00E+00	3.81E-03	1.67E-08	4.74E-10	2.21E-02	4.64E-04	1.25E-02	2.03E-07	2.82E-04	5.14E-02	1.52E+00	0.00E+00	2.11E-09	2.69E-09	3.14E-04	8.96E-06	2.03E-01	0.00E+00	1.52E+00	3.55E-09	1.52E+00	1.72E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
MY350	9.48E-05	4.79E-02	7.76E-03	3.34E-02	0.00E+00	0.00E+00	4.79E-01	4.58E-07	4.41E-05	2.82E-04	0.00E+00	8.21E-04	3.68E-09	1.07E-10	4.94E-03	9.25E-05	2.75E-03	1.56E-08	5.92E-05	1.30E-02	3.21E-01	0.00E+00	4.38E-10	5.64E-10	6.56E-05	1.73E-06	4.29E-02	0.00E+00	3.21E-01	7.78E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
MY350E	7.65E-05	3.53E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.63E-05	2.27E-04	0.00E+00	6.69E-04	3.02E-09	8.79E-11	4.07E-03	7.38E-05	2.25E-03	6.46E-09	4.79E-05	1.11E-02	2.60E-01	0.00E+00	3.53E-10	4.56E-10	5.30E-05	1.37E-06	3.48E-02	0.00E+00	2.60E-01	6.37E-10	2.60E-01	2.95E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MY363	7.66E-05	3.55E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.62E-05	2.27E-04	0.00E+00	6.69E-04	3.02E-09	8.79E-11	4.07E-03	7.39E-05	2.25E-03	6.74E-09	4.80E-05	1.10E-02	2.61E-01	0.00E+00	3.53E-10	4.57E-10	5.31E-05	1.37E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.95E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MY363E	7.44E-05	3.38E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.66E-07	3.54E-05	2.21E-04	0.00E+00	6.52E-04	2.94E-09	8.59E-11	3.97E-03	7.16E-05	2.19E-03	5.28E-09	4.67E-05	1.09E-02	2.54E-01	0.00E+00	3.43E-10	4.44E-10	5.16E-05	1.32E-06	3.38E-02	0.00E+00	2.54E-01	6.21E-10	2.54E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MY406P	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
MY410P	3.27E-05	3.38E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.57E-05	0.00E+00	3.08E-04	1.45E-09	4.40E-11	2.01E-03	2.84E-05	1.07E-03	1.85E-08	2.10E-05	6.61E-03	1.16E-01	0.00E+00	1.50E-10	1.98E-10	2.29E-05	4.78E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.32E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
MY416P	3.26E-05	3.04E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.54E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.82E-05	1.07E-03	1.90E-08	2.10E-05	6.64E-03	1.16E-01	0.00E+00	1.49E-10	1.98E-10	2.29E-05	4.73E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
MY420E	3.24E-05	2.07E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.78E-05	9.47E-05	0.00E+00	3.08E-04	1.45E-09	4.44E-11	2.02E-03	2.78E-05	1.08E-03	2.06E-08	2.09E-05	6.75E-03	1.16E-01	0.00E+00	1.48E-10	1.97E-10	2.27E-05	4.62E-07	1.53E-02	0.00E+00	1.16E-01	3.05E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.41E-04
MY420P	1.05E-04	5.27E-02	8.64E-03	3.72E-02	0.00E+00	0.00E+00	5.34E-01	5.10E-07	4.91E-05	3.13E-04	0.00E+00	9.13E-04	4.10E-09	1.19E-10	5.50E-03	1.03E-04	3.06E-03	1.63E-08	6.58E-05	1.46E-02	3.57E-01	0.00E+00	4.86E-10	6.27E-10	7.29E-05	1.92E-06	4.77E-02	0.00E+00	3.57E-01	8.66E-10	3.57E-01	4.05E-01	4.77E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MY425E	2.31E-05	4.85E-03	2.33E-03	1.02E-02	0.00E+00	0.00E+00	1.51E-01	1.38E-07	1.40E-05	6.68E-05	0.00E+00	2.32E-04	1.12E-09	3.51E-11	1.59E-03	1.81E-05	8.29E-04	2.62E-08	1.52E-05	5.83E-03	8.51E-02	0.00E+00	1.05E-10	1.42E-10	1.64E-05	2.72E-07	1.12E-02	0.00E+00	8.51E-02	2.35E-10	8.51E-02	9.63E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-04
MY425P	1.03E-04	4.91E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-07	4.82E-05	3.05E-04	0.00E+00	8.93E-04	4.02E-09	1.17E-10	5.41E-03	9.93E-05	3.00E-03	1.19E-08	6.42E-05	1.45E-02	3.48E-01	0.00E+00	4.73E-10	6.11E-10	7.10E-05	1.85E-06	4.65E-02	0.00E+00	3.48E-01	8.49E-10	3.48E-01	3.95E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MY432E	1.30E-04	6.75E-02	1.06E-02	4.55E-02	0.00E+00	0.00E+00	6.52E-01	6.24E-07	6.00E-05	3.86E-04	0.00E+00	1.12E-03	5.01E-09	1.45E-10	6.72E-03	1.27E-04	3.74E-03	2.48E-08	8.09E-05	1.75E-02	4.38E-01	0.00E+00	5.99E-10	7.72E-10	8.97E-05	2.38E-06	5.86E-02	0.00E+00	4.38E-01	1.06E-09	4.38E-01	4.97E-01	5.86E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
MY432P	9.90E-05	4.60E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.09E-01	4.85E-07	4.68E-05	2.94E-04	0.00E+00	8.65E-04	3.90E-09	1.14E-10	5.25E-03	9.55E-05	2.91E-03	8.96E-09	6.20E-05	1.43E-02	3.37E-01	0.00E+00	4.57E-10	5.91E-10	6.86E-05	1.77E-06	4.50E-02	0.00E+00	3.37E-01	8.23E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
MY440E	1.12E-04	5.54E-02	9.23E-03	3.97E-02	0.00E+00	0.00E+00	5.71E-01	5.45E-07	5.25E-05	3.34E-04	0.00E+00	9.75E-04	4.38E-09	1.27E-10	5.88E-03	1.09E-04	3.27E-03	1.60E-08	7.02E-05	1.57E-02	3.81E-01	0.00E+00	5.18E-10	6.69E-10	7.78E-05	2.04E-06	5.09E-02	0.00E+00	3.81E-01	9.25E-10	3.81E-01	4.32E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03
MY440P	9.79E-05	4.34E-02	8.18E-03	3.53E-02	0.00E+00	0.00E+00	5.08E-01	4.83E-07	4.67E-05	2.91E-04	0.00E+00	8.60E-04	3.89E-09	1.14E-10	5.25E-03	9.39E-05	2.90E-03	4.99E-09	6.14E-05	1.45E-02	3.34E-01	0.00E+00	4.52E-10	5.85E-10	6.79E-05	1.73E-06	4.46E-02	0.00E+00	3.34E-01	8.20E-10	3.34E-01	3.79E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
MY450E	1.23E-04	6.15E-02	1.01E-02	4.34E-02	0.00E+00	0.00E+00	6.23E-01	5.95E-07	5.73E-05	3.65E-04	0.00E+00	1.07E-03	4.78E-09	1.39E-10	6.42E-03	1.20E-04	3.57E-03	1.90E-08	7.68E-05	1.70E-02	4.16E-01	0.00E+00	5.67E-10	7.32E-10	8.51E-05	2.24E-06	5.56E-02	0.00E+00	4.16E-01	1.01E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
MY463E	1.28E-04	6.52E-02	1.05E-02	4.52E-02	0.00E+00	0.00E+00	6.49E-01	6.20E-07	5.97E-05	3.82E-04	0.00E+00	1.11E-03	4.98E-09	1.44E-10	6.68E-03	1.25E-04	3.72E-03	2.17E-08	8.02E-05	1.76E-02	4.35E-01	0.00E+00	5.93E-10	7.64E-10	8.89E-05	2.35E-06	5.81E-02	0.00E+00	4.35E-01	1.05E-09	4.35E-01	4.93E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03
MY525V	1.59E-05	2.38E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.94E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.33E-05	5.37E-04	1.19E-08	1.03E-05	3.47E-03	5.70E-02	0.00E+00	7.25E-11	9.67E-11	1.12E-05	2.17E-07	7.54E-03	0.00E+00	5.70E-02	1.52E-10	5.70E-02	6.46E-02	7.54E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
MY532V	1.59E-05	2.38E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.94E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.33E-05	5.37E-04	1.19E-08	1.03E-05	3.47E-03	5.70E-02	0.00E+00	7.25E-11	9.67E-11	1.12E-05	2.17E-07	7.54E-03	0.00E+00	5.70E-02	1.52E-10	5.70E-02	6.46E-02	7.54E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
MY706P	1.62E-05	1.35E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.75E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.79E-09	1.05E-05	3.34E-03	5.78E-02	0.00E+00	7.44E-11	9.87E-11	1.14E-05	2.35E-07	7.66E-03	0.00E+00	5.78E-02	1.52E-10	5.78E-02	6.55E-02	7.66E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
MY716P	1.63E-05	1.52E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.89E-06	4.77E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.01E-03	1.41E-05	5.37E-04	9.52E-09	1.05E-05	3.32E-03	5.80E-02	0.00E+00	7.46E-11	9.89E-11	1.14E-05	2.37E-07	7.68E-03	0.00E+00	5.80E-02	1.52E-10	5.80E-02	6.56E-02	7.68E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
MY720P	1.63E-05	1.40E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.76E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.70E-09	1.05E-05	3.33E-03	5.79E-02	0.00E+00	7.44E-11	9.88E-11	1.14E-05	2.35E-07	7.67E-03	0.00E+00	5.79E-02	1.52E-10	5.79E-02	6.56E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
MY725P	1.60E-05	4.26E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.13E-08	1.03E-05	3.43E-03	5.73E-02	0.00E+00	7.31E-11	9.73E-11	1.12E-05	2.23E-07	7.58E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.58E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
MY732P	5.13E-05	2.47E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.52E-04	0.00E+00	4.47E-04	2.01E-09	5.84E-11	2.70E-03	4.97E-05	1.50E-03	6.15E-09	3.21E-05	7.26E-03	1.74E-01	0.00E+00	2.37E-10	3.06E-10	3.55E-05	9.25E-07	2.33E-02	0.00E+00	1.74E-01	4.24E-10	1.74E-01	1.97E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MY740P	4.85E-05	2.24E-02	4.03E-03	1.74E-02	0.00E+00	0.00E+00	2.50E-01	2.38E-07	2.30E-05	1.44E-04	0.00E+00	4.25E-04	1.91E-09	5.58E-11	2.58E-03	4.68E-05	1.43E-03	4.05E-09	3.04E-05	7.02E-03	1.65E-01	0.00E+00	2.24E-10	2.90E-10	3.36E-05	8.66E-07	2.21E-02	0.00E+00	1.65E-01	4.04E-10	1.65E-01	1.87E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MYN106	3.77E-05	2.15E-02	3.02E-03	1.30E-02	0.00E+00	0.00E+00	1.86E-01	1.78E-07	1.71E-05	1.12E-04	0.00E+00	3.22E-04	1.43E-09	4.11E-11	1.91E-03	3.74E-05	1.07E-03	1.05E-08	2.35E-05	4.81E-03	1.27E-01	0.00E+00	1.74E-10	2.24E-10	2.61E-05	7.10E-07	1.70E-02	0.00E+00	1.27E-01	3.03E-10	1.27E-01	1.44E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
MYN110	1.20E-05	3.85E-03	1.04E-03	4.50E-03	0.00E+00	0.00E+00	6.52E-02	6.15E-08	6.01E-06	3.54E-05	0.00E+00	1.08E-04	4.96E-10	1.47E-11	6.77E-04	1.11E-05	3.69E-04	2.04E-09	7.59E-06	2.00E-03	4.15E-02	0.00E+00	5.52E-11	7.20E-11	8.35E-06	1.99E-07	5.53E-03	0.00E+00	4.15E-02	1.04E-10	4.15E-02	4.71E-02	5.53E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MYN116	1.10E-05	3.14E-03	9.67E-04	4.19E-03	0.00E+00	0.00E+00	6.08E-02	5.71E-08	5.60E-06	3.25E-05	0.00E+00	1.00E-04	4.61E-10	1.37E-11	6.31E-04	1.01E-05	3.43E-04	2.60E-09	6.99E-06	1.91E-03	3.83E-02	0.00E+00	5.07E-11	6.63E-11	7.68E-06	1.79E-07	5.10E-03	0.00E+00	3.83E-02	9.71E-11	3.83E-02	4.34E-02	5.10E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MYN120	1.18E-05	3.55E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.47E-02	6.09E-08	5.96E-06	3.48E-05	0.00E+00	1.07E-04	4.91E-10	1.46E-11	6.71E-04	1.09E-05	3.65E-04	2.45E-09	7.48E-06	2.01E-03	4.10E-02	0.00E+00	5.43E-11	7.09E-11	8.22E-06	1.94E-07	5.45E-03	0.00E+00	4.10E-02	1.03E-10	4.10E-02	4.64E-02	5.45E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04

MYN125	1.16E-05	2.91E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.42E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.74E-04	1.05E-05	3.65E-04	3.47E-09	7.39E-06	2.07E-03	4.06E-02	0.00E+00	5.34E-11	7.00E-11	8.11E-06	1.85E-07	5.39E-03	0.00E+00	4.06E-02	1.03E-10	4.06E-02	4.60E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MYN132	3.00E-05	1.51E-02	2.46E-03	1.06E-02	0.00E+00	0.00E+00	1.52E-01	1.45E-07	1.40E-05	8.92E-05	0.00E+00	2.60E-04	1.17E-09	3.38E-11	1.57E-03	2.93E-05	8.70E-04	4.83E-09	1.87E-05	4.14E-03	1.02E-01	0.00E+00	1.39E-10	1.79E-10	2.08E-05	5.47E-07	1.36E-02	0.00E+00	1.02E-01	2.46E-10	1.02E-01	1.15E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
MYN140	3.46E-05	1.83E-02	2.81E-03	1.21E-02	0.00E+00	0.00E+00	1.73E-01	1.66E-07	1.60E-05	1.03E-04	0.00E+00	2.98E-04	1.33E-09	3.85E-11	1.79E-03	3.40E-05	9.95E-04	7.07E-09	2.16E-05	4.64E-03	1.17E-01	0.00E+00	1.60E-10	2.06E-10	2.39E-05	6.38E-07	1.56E-02	0.00E+00	1.17E-01	2.82E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.34E-04
MYN150	6.95E-05	4.19E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.38E-01	3.25E-07	3.10E-05	2.07E-04	0.00E+00	5.89E-04	2.61E-09	7.45E-11	3.47E-03	6.96E-05	1.95E-03	2.36E-08	4.31E-05	8.48E-03	2.33E-01	0.00E+00	3.22E-10	4.12E-10	4.80E-05	1.33E-06	3.11E-02	0.00E+00	2.33E-01	5.52E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MYN163	3.90E-05	2.10E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.95E-01	1.86E-07	1.79E-05	1.16E-04	0.00E+00	3.35E-04	1.50E-09	4.32E-11	2.00E-03	3.84E-05	1.12E-03	8.72E-09	2.43E-05	5.16E-03	1.32E-01	0.00E+00	1.80E-10	2.32E-10	2.70E-05	7.23E-07	1.76E-02	0.00E+00	1.32E-01	3.16E-10	1.32E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MYN206	1.88E-05	4.23E-03	1.68E-03	7.27E-03	0.00E+00	0.00E+00	1.06E-01	9.90E-08	9.75E-06	5.52E-05	0.00E+00	1.73E-04	8.00E-10	2.40E-11	1.10E-03	1.69E-05	5.94E-04	6.46E-09	1.20E-05	3.43E-03	6.57E-02	0.00E+00	8.62E-11	1.13E-10	1.31E-05	2.95E-07	8.73E-03	0.00E+00	6.57E-02	1.68E-10	6.57E-02	7.45E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04
MYN210	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN216	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN220	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN225	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN232	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN240	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN250	2.18E-05	3.65E-03	1.99E-03	8.62E-03	0.00E+00	0.00E+00	1.26E-01	1.17E-07	1.16E-05	6.41E-05	0.00E+00	2.03E-04	9.49E-10	2.87E-11	1.31E-03	1.93E-05	7.04E-04	9.83E-09	1.40E-05	4.19E-03	7.70E-02	0.00E+00	1.00E-10	1.32E-10	1.53E-05	3.32E-07	1.02E-02	0.00E+00	7.70E-02	2.00E-10	7.70E-02	8.73E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MYN263	3.19E-05	1.05E-02	2.76E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.63E-07	1.60E-05	9.43E-05	0.00E+00	2.87E-04	1.32E-09	3.90E-11	1.80E-03	2.97E-05	9.80E-04	4.98E-09	2.02E-05	5.30E-03	1.10E-01	0.00E+00	1.47E-10	1.92E-10	2.22E-05	5.32E-07	1.47E-02	0.00E+00	1.10E-01	2.78E-10	1.10E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.48E-04
MYN306	9.35E-05	5.10E-02	7.55E-03	3.25E-02	0.00E+00	0.00E+00	4.65E-01	4.46E-07	4.28E-05	2.78E-04	0.00E+00	8.02E-04	3.58E-09	1.03E-10	4.78E-03	9.22E-05	2.67E-03	2.21E-08	5.82E-05	1.23E-02	3.15E-01	0.00E+00	4.32E-10	5.55E-10	6.46E-05	1.74E-06	4.21E-02	0.00E+00	3.15E-01	7.57E-10	3.15E-01	3.57E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
MYN310	1.11E-04	6.28E-02	8.88E-03	3.82E-02	0.00E+00	0.00E+00	5.46E-01	5.24E-07	5.02E-05	3.30E-04	0.00E+00	9.46E-04	4.21E-09	1.21E-10	5.61E-03	1.10E-04	3.14E-03	3.06E-08	6.88E-05	1.41E-02	3.72E-01	0.00E+00	5.12E-10	6.57E-10	7.65E-05	2.08E-06	4.98E-02	0.00E+00	3.72E-01	8.90E-10	3.72E-01	4.22E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
MYN316	6.48E-05	3.06E-02	5.36E-03	2.31E-02	0.00E+00	0.00E+00	3.32E-01	3.16E-07	3.05E-05	1.92E-04	0.00E+00	5.65E-04	2.54E-09	7.40E-11	3.42E-03	6.26E-05	1.90E-03	6.86E-09	4.05E-05	9.24E-03	2.20E-01	0.00E+00	2.99E-10	3.86E-10	4.49E-05	1.16E-06	2.94E-02	0.00E+00	2.20E-01	5.37E-10	2.20E-01	2.50E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MYN320	3.76E-05	1.14E-02	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.06E-01	1.94E-07	1.90E-05	1.11E-04	0.00E+00	3.40E-04	1.56E-09	4.65E-11	2.14E-03	3.47E-05	1.16E-03	7.60E-09	2.38E-05	6.39E-03	1.30E-01	0.00E+00	1.73E-10	2.26E-10	2.62E-05	6.17E-07	1.74E-02	0.00E+00	1.30E-01	3.29E-10	1.30E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	9.96E-04
MYN325	2.52E-05	2.57E-03	2.34E-03	1.02E-02	0.00E+00	0.00E+00	1.49E-01	1.38E-07	1.37E-05	7.39E-05	0.00E+00	2.38E-04	1.12E-09	3.41E-11	1.55E-03	2.19E-05	8.30E-04	1.44E-08	1.62E-05	5.11E-03	8.97E-02	0.00E+00	1.16E-10	1.53E-10	1.77E-05	3.69E-07	1.19E-02	0.00E+00	8.97E-02	2.35E-10	8.97E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MYN332	1.02E-04	5.42E-02	8.31E-03	3.58E-02	0.00E+00	0.00E+00	5.13E-01	4.91E-07	4.71E-05	3.05E-04	0.00E+00	8.82E-04	3.94E-09	1.14E-10	5.28E-03	1.01E-04	2.94E-03	2.13E-08	6.38E-05	1.37E-02	3.46E-01	0.00E+00	4.73E-10	6.09E-10	7.08E-05	1.89E-06	4.62E-02	0.00E+00	3.46E-01	8.33E-10	3.46E-01	3.92E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MYN340	1.05E-04	5.59E-02	8.53E-03	3.67E-02	0.00E+00	0.00E+00	5.26E-01	5.03E-07	4.84E-05	3.13E-04	0.00E+00	9.05E-04	4.04E-09	1.17E-10	5.41E-03	1.03E-04	3.02E-03	2.24E-08	6.55E-05	1.40E-02	3.55E-01	0.00E+00	4.86E-10	6.25E-10	7.27E-05	1.94E-06	4.74E-02	0.00E+00	3.55E-01	8.55E-10	3.55E-01	4.02E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MYN350	9.83E-05	5.03E-02	8.03E-03	3.45E-02	0.00E+00	0.00E+00	4.96E-01	4.74E-07	4.56E-05	2.92E-04	0.00E+00	8.50E-04	3.81E-09	1.10E-10	5.11E-03	9.61E-05	2.84E-03	1.74E-08	6.14E-05	1.34E-02	3.33E-01	0.00E+00	4.54E-10	5.85E-10	6.80E-05	1.80E-06	4.44E-02	0.00E+00	3.33E-01	8.05E-10	3.33E-01	3.77E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
MYN363	1.11E-04	5.90E-02	9.00E-03	3.87E-02	0.00E+00	0.00E+00	5.55E-01	5.31E-07	5.10E-05	3.30E-04	0.00E+00	9.55E-04	4.27E-09	1.23E-10	5.71E-03	1.09E-04	3.19E-03	2.35E-08	6.91E-05	1.48E-02	3.74E-01	0.00E+00	5.12E-10	6.59E-10	7.67E-05	2.05E-06	5.00E-02	0.00E+00	3.74E-01	9.02E-10	3.74E-01	4.24E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
MYN406	1.41E-04	7.91E-02	1.13E-02	4.87E-02	0.00E+00	0.00E+00	6.97E-01	6.69E-07	6.41E-05	4.20E-04	0.00E+00	1.21E-03	5.37E-09	1.54E-10	7.17E-03	1.40E-04	4.01E-03	3.74E-08	8.78E-05	1.81E-02	4.74E-01	0.00E+00	6.52E-10	8.38E-10	9.75E-05	2.64E-06	6.35E-02	0.00E+00	4.74E-01	1.14E-09	4.74E-01	5.38E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
MYN410	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN416	7.48E-05	3.32E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.88E-01	3.69E-07	3.57E-05	2.22E-04	0.00E+00	6.56E-04	2.97E-09	8.67E-11	4.01E-03	7.17E-05	2.21E-03	0.00E+00	4.67E-05	1.10E-02	2.55E-01	0.00E+00	3.45E-10	4.47E-10	5.19E-05	1.32E-06	3.40E-02	0.00E+00	2.55E-01	6.26E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MYN420	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN425	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN432	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN440	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN450	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN463	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN506	1.89E-05	4.30E-03	1.68E-03	7.30E-03	0.00E+00	0.00E+00	1.06E-01	9.95E-08	9.80E-06	5.55E-05	0.00E+00	1.74E-04	8.04E-10	2.41E-11	1.11E-03	1.70E-05	5.97E-04	6.41E-09	1.20E-05	3.44E-03	6.61E-02	0.00E+00	8.66E-11	1.14E-10	1.32E-05	2.97E-07	8.78E-03	0.00E+00	6.61E-02	1.69E-10	6.61E-02	7.48E-02	8.78E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MYN510	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN516	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN520	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN525	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN532	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN540	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MZ240V	7.98E-05	3.54E-02	6.67E-03	2.87E-02	0.00E+00	0.00E+00	4.14E-01	3.93E-07	3.81E-05	2.37E-04	0.00E+00	7.00E-04	3.17E-09	9.25E-11	4.28E-03	7.66E-05	2.36E-03	0.00E+00	4.98E-05	1.18E-02	2.72E-01	0.00E+00	3.68E-10	4.77E-10	5.54E-05	1.41E-06	3.63E-02	0.00E+00	2.72E-01	6.68E-10	2.72E-01	3.09E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
NAN116S	4.43E-05	2.48E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.19E-01	2.10E-07	2.01E-05	1.32E-04	0.00E+00	3.79E-04	1.69E-09	4.85E-11	2.25E-03	4.39E-05	1.26E-03	1.17E-08	2.76E-05	5.70E-03	1.49E-01	0.00E+00	2.05E-10	2.63E-10	3.06E-05	8.30E-07	1.99E-02	0.00E+00	1.49E-01	3.57E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NAN120S	3.61E-05	1.90E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.81E-01	1.73E-07	1.66E-05	1.07E-04	0.00E+00	3.11E-04	1.39E-09	4.01E-11	1.86E-03	3.54E-05	1.04E-03	7.36E-09	2.25E-05	4.83E-03	1.22E-01	0.00E+00	1.66E-10	2.14E-10	2.49E-05	6.65E-07	1.63E-02	0.00E+00	1.22E-01	2.94E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.73E-04
NAN125S	2.28E-05	9.97E-03	1.91E-03	8.24E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.77E-05	0.00E+00	2.01E-04	9.08E-10	2.66E-11	1.23E-03	2.19E-05	6.77E-04	9.02E-10	1.43E-05	3.39E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.02E-07	1.04E-02	0.00E+00	7.80E-02	1.92E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.12E-04
NAN225	1.85E-04	1.15E-01	1.46E-02	6.26E-02	0.00E+00	0.00E+00	8.92E-01	8.61E-07	8.20E-05	5.54E-04	0.00E+00	1.56E-03	6.90E-09	1.96E-10	9.15E-03	1.87E-04	5.16E-03	7.00E-08	1.15E-04	2.20E-02	6.19E-01	0.00E+00	8.58E-10	1.10E-09	1.28E-04	3.58E-06	8.28E-02	0.00E+00	6.19E-01	1.46E-09	6.19E-01	7.01E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	5.04E-03
NAN232	1.54E-04	9.35E-02	1.22E-02	5.21E-02	0.00E+00	0.00E+00	7.44E-01	7.17E-07	6.84E-05	4.59E-04	0.00E+00	1.30E-03	5.75E-09	1.64E-10	7.64E-03	1.54E-04	4.30E-03	5.40E-08	9.52E-05	1.86E-02	5.14E-01	0.00E+00	7.11E-10	9.10E-10	1.06E-04	2.95E-06	6.87E-02	0.00E+00	5.14E-01	1.22E-09	5.14E-01	5.82E-01	6.87E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
NAN240	1.75E-04	1.08E-01	1.38E-02	5.93E-02	0.00E+00	0.00E+00	8.46E-01	8.16E-07	7.77E-05	5.24E-04	0.00E+00	1.48E-03	6.54E-09	1.86E-10	8.68E-03	1.76E-04	4.89E-03	6.46E-08	1.09E-04	2.09E-02	5.86E-01	0.00E+00	8.11E-10	1.04E-09	1.21E-04	3.38E-06	7.84E-02	0.00E+00	5.86E-01	1.38E-09	5.86E-01	6.64E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	4.77E-03
NAN250	1.70E-04	1.05E-01	1.34E-02	5.77E-02	0.00E+00	0.00E+00	8.23E-01	7.93E-07	7.56E-05	5.09E-04	0.00E+00	1.44E-03	6.36E-09	1.81E-10	8.44E-03	1.71E-04	4.75E-03	6.19E-08	1.06E-04	2.04E-02	5.69E-01	0.00E+00	7.88E-10	1.01E-09	1.17E-04	3.28E-06	7.62E-02	0.00E+00	5.69E-01	1.35E-09	5.69E-01	6.45E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	4.63E-03
NAN263	1.70E-04	1.04E-01	1.34E-02	5.75E-02	0.00E+00	0.00E+00	8.20E-01	7.91E-07	7.54E-05	5.07E-04	0.00E+00	1.43E-03	6.34E-09	1.81E-10	8.42E-03	1.71E-04	4.74E-03	6.16E-08	1.05E-04	2.04E-02	5.67E-01	0.00E+00	7.86E-10	1.01E-09	1.17E-04	3.27E-06	7.59E-02	0.00E+00	5.67E-01	1.34E-09	5.67E-01	6.43E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	4.62E-03
NAN316S	7.07E-05	3.21E-02	5.89E-03	2.54E-02	0.00E+00	0.00E+00	3.65E-01	3.48E-07	3.36E-05	2.10E-04	0.00E+00	6.20E-04	2.80E-09	8.16E-11	3.77E-03	6.80E-05	2.08E-03	4.98E-09	4.43E-05	1.03E-02	2.41E-01	0.00E+00	3.26E-10	4.22E-10	4.90E-05	1.26E-06	3.22E-02	0.00E+00	2.41E-01	5.90E-10	2.41E-01	2.73E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
NAN320S	4.00E-05	1.05E-02	3.53E-03	1.53E-02	0.00E+00	0.00E+00	2.22E-01	2.09E-07	2.05E-05	1.18E-04	0.00E+00	3.65E-04	1.68E-09	5.04E-11	2.31E-03	3.64E-05	1.25E-03	1.10E-08	2.54E-05	7.06E-03	1.39E-01	0.00E+00	1.84E-10	2.41E-10	2.79E-05	6.42E-07	1.85E-02	0.00E+00	1.39E-01	3.55E-10	1.39E-01	1.58E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NAN325	2.46E-04	1.51E-01	1.94E-02	8.32E-02	0.00E+00	0.00E+00	1.19E+00	1.14E-06	1.09E-04	7.33E-04	0.00E+00	2.08E-03	9.17E-09	2.61E-10	1.22E-02	2.47E-04	6.86E-03	8.94E-08	1.52E-04	2.94E-02	8.20E-01	0.00E+00	1.14E-09	1.45E-09	1.69E-04	4.73E-06	1.10E-01	0.00E+00	8.20E-01	1.94E-09	8.20E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.68E-03
NAN325S	1.54E-04	8.86E-02	1.23E-02	5.30E-02	0.00E+00	0.00E+00	7.58E-01	7.28E-07	6.97E-05	4.60E-04	0.00E+00	1.31E-03	5.84E-09	1.68E-10	7.79E-03	1.53E-04	4.36E-03	4.47E-08	9.58E-05	1.95E-02	5.18E-01	0.00E+00	7.13E-10	9.15E-10	1.06E-04	2.91E-06	6.93E-02	0.00E+00	5.18E-01	1.24E-09	5.18E-01	5.87E-01	6.93E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
NAN332	2.28E-04	1.39E-01	1.80E-02	7.74E-02	0.00E+00	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.81E-04	0.00E+00	1.93E-03	8.54E-09	2.44E-10	1.13E-02	2.29E-04	6.38E-03	8.02E-08	1.41E-04	2.76E-02	7.63E-01	0.00E+00	1.06E-09	1.35E-09	1.57E-04	4.37E-06	1.02E-01	0.00E+00	7.63E-01	1.81E-09	7.63E-01	8.65E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.20E-03
NAN340	2.33E-04	1.42E-01	1.84E-02	7.91E-02	0.00E+00	0.00E+00	1.13E+00	1.09E-06	1.04E-04	6.97E-04	0.00E+00	1.97E-03	8.73E-09	2.49E-10	1.16E-02	2.34E-04	6.52E-03	8.27E-08	1.45E-04	2.82E-02	7.80E-01	0.00E+00	1.08E-09	1.38E-09	1.61E-04	4.48E-06	1.04E-01	0.00E+00	7.80E-01	1.85E-09	7.80E-01	8.84E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-03
NAN350	1.99E-04	1.19E-01	1.58E-02	6.77E-02	0.00E+00	0.00E+00	9.67E-01	9.31E-07	8.89E-05	5.93E-04	0.00E+00	1.69E-03	7.47E-09	2.13E-10	9.93E-03	1.99E-04	5.58E-03	6.59E-08	1.23E-04	2.44E-02	6.65E-01	0.00E+00	9.19E-10	1.18E-09	1.37E-04	3.79E-06	8.90E-02	0.00E+00	6.65E-01	1.58E-09	6.65E-01	7.54E-01	8.90E-02	0.00E+00	0.00E+00	0.00E+00	5.40E-03
NAN363	2.09E-04	1.25E-01	1.65E-02	7.10E-02	0.00E+00	0.00E+00	1.01E+00	9.76E-07	9.31E-05	6.22E-04	0.00E+00	1.77E-03	7.83E-09	2.24E-10	1.04E-02	2.09E-04	5.85E-03	7.05E-08	1.29E-04	2.55E-02	6.98E-01	0.00E+00	9.65E-10	1.24E-09	1.44E-04	3.99E-06	9.34E-02	0.00E+00	6.98E-01	1.66E-09	6.98E-01	7.91E-01	9.34E-02	0.00E+00	0.00E+00	0.00E+00	5.67E-03
NAN425	3.33E-04	2.05E-01	2.62E-02	1.13E-01	0.00E+00	0.00E+00	1.60E+00	1.55E-06	1.47E-04	9.93E-04	0.00E+00	2.81E-03	1.24E-08	3.54E-10	1.65E-02	3.34E-04	9.28E-03	1.22E-07	2.06E-04	3.98E-02	1.11E+00	0.00E+00	1.54E-09	1.97E-09	2.29E-04	6.40E-06	1.49E-01	0.00E+00	1.11E+00	2.63E-09	1.11E+00	1.26E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-03
NAN432	2.72E-04	1.63E-01	2.16E-02	9.26E-02	0.00E+00	0.00E+00	1.32E+00	1.27E-06	1.22E-04	8.11E-04	0.00E+00	2.31E-03	1.02E-08	2.92E-10	1.36E-02	2.72E-04	7.63E-03	9.09E-08	1.69E-04	3.33E-02	9.10E-01	0.00E+00	1.26E-09	1.61E-09	1.88E-04	5.19E-06	1.22E-01	0.00E+00	9.10E-01	2.16E-09	9.10E-01	1.03E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-03
NAN440	2.88E-04	1.74E-01	2.28E-02	9.79E-02	0.00E+00	0.00E+00	1.40E+00	1.35E-06	1.28E-04	8.60E-04	0.00E+00	2.44E-03	1.08E-08	3.08E-10	1.44E-02	2.89E-04	8.07E-03	9.89E-08	1.79E-04	3.51E-02	9.64E-01	0.00E+00	1.33E-09	1.71E-09	1.99E-04	5.51E-06	1.29E-01	0.00E+00	9.64E-01	2.29E-09	9.64E-01	1.09E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	7.83E-03
NAN450	2.76E-04	1.65E-01	2.19E-02	9.40E-02	0.00E+00	0.00E+00	1.34E+00	1.29E-06	1.23E-04	8.23E-04	0.00E+00	2.34E-03	1.04E-08	2.96E-10	1.38E-02	2.76E-04	7.75E-03	9.23E-08	1.71E-04	3.38E-02	9.24E-01	0.00E+00	1.28E-09	1.64E-09	1.90E-04	5.27E-06	1.24E-01	0.00E+00	9.24E-01	2.19E-09	9.24E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-03
NAN463	2.99E-04	1.81E-01	2.37E-02	1.02E-01	0.00E+00	0.00E+00	1.45E+00	1.40E-06	1.33E-04	8.93E-04	0.00E+00	2.53E-03	1.12E-08	3.20E-10	1.49E-02	3.00E-04	8.38E-03	1.04E-07	1.85E-04	3.63E-02	1.00E+00	0.00E+00	1.38E-09	1.77E-09	2.06E-04	5.73E-06	1.34E-01	0.00E+00	1.00E+00	2.37E-09	1.00E+00	1.13E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	8.13E-03
NB106A	1.59E-05	6.11E-03	1.35E-03	5.84E-03	0.00E+00	0.00E+00	8.45E-02	7.99E-08	7.78E-06	4.71E-05	0.00E+00	1.41E-04	6.44E-10	1.90E-11	8.74E-04	1.50E-05	4.79E-04	8.82E-10	1.00E-05	2.50E-03	5.47E-02	0.00E+00	7.33E-11	9.53E-11	1.11E-05	2.73E-07	7.28E-03	0.00E+00	5.47E-02	1.36E-10	5.47E-02	6.20E-02	7.28E-03	0.00E+00	0.00E+00	0.00E+00	4.25E-04
NB110A	2.14E-05	9.89E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.02E-05	6.36E-05	0.00E+00	1.87E-04	8.45E-10	2.46E-11	1.14E-03	2.07E-05	6.30E-04	1.81E-09	1.34E-05	3.10E-03	7.29E-02	0.00E+00	9.88E-11	1.28E-10	1.48E-05	3.82E-07	9.73E-03	0.00E+00	7.29E-02	1.78E-10	7.29E-02	8.27E-02	9.73E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04
NB113A	7.77E-06	3.48E-04	7.32E-04	3.19E-03	0.00E+00	0.00E+00	4.68E-02	4.33E-08	4.31E-06	2.27E-05	0.00E+00	7.43E-05	3.51E-10	1.07E-11	4.89E-04	6.63E-06	2.60E-04	5.23E-09	5.02E-06	1.65E-03	2.78E-02	0.00E+00	3.56E-11	4.73E-11	5.46E-06	1.10E-07	3.68E-03	0.00E+00	2.78E-02	7.37E-11	2.78E-02	3.15E-02	3.68E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
NB116A	2.36E-05	1.13E-02	1.95E-03	8.40E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	7.02E-05	0.00E+00	2.06E-04	9.25E-10	2.69E-11	1.24E-03	2.29E-05	6.90E-04	2.80E-09	1.48E-05	3.34E-03	8.02E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.26E-07	1.07E-02	0.00E+00	8.02E-02	1.95E-10	8.02E-02	9.09E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NB120A	1.31E-05	4.07E-03	1.14E-03	4.94E-03	0.00E+00	0.00E+00	7.17E-02	6.75E-08	6.60E-06	3.87E-05	0.00E+00	1.19E-04	5.44E-10	1.62E-11	7.43E-04	1.21E-05	4.05E-04	2.50E-09	8.31E-06	2.22E-03	4.55E-02	0.00E+00	6.03E-11	7.88E-11	9.14E-06	2.16E-07	6.05E-03	0.00E+00	4.55E-02	1.15E-10	4.55E-02	5.15E-02	6.05E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
NB125A	1.81E-06	6.27E-03	3.93E-06	3.65E-05	0.00E+00	0.00E+00	2.06E-03	1.39E-10	2.08E-07	5.95E-06	0.00E+00	5.21E-06	3.24E-12	9.50E-13	3.14E-05	3.18E-06	3.33E-07	1.00E-08	8.77E-07	6.15E-04	3.86E-03	0.00E+00	8.79E-12	9.15E-12	1.12E-06	8.11E-08	5.65E-04	0.00E+00	3.86E-03	4.30E-14	3.86E-03	4.42E-03	5.65E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
NB132A	2.58E-05	1.22E-02	2.13E-03	9.19E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.66E-05	0.00E+00	2.25E-04	1.01E-09	2.95E-11	1.36E-03	2.49E-05	7.55E-04	2.77E-09	1.61E-05	3.68E-03	8.77E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.63E-07	1.17E-02	0.00E+00	8.77E-02	2.14E-10	8.77E-02	9.94E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.93E-04
NB140A	1.29E-05	3.43E-03	1.14E-03	4.94E-03	0.00E+00	0.00E+00	7.19E-02	6.74E-08	6.62E-06	3.81E-05	0.00E+00	1.18E-04	5.44E-10	1.63E-11	7.47E-04	1.18E-05	4.05E-04	3.51E-09	8.22E-06	2.28E-03	4.51E-02	0.00E+00	5.94E-11	7.79E-11	9.02E-06	2.08E-07	5.99E-03	0.00E+00	4.51E-02	1.15E-10	4.51E-02	5.11E-02	5.99E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
NB150A	5.29E-05	3.07E-02	4.22E-03	1.81E-02	0.00E+00	0.00E+00	2.59E-01	2.49E-07	2.38E-05	1.58E-04	0.00E+00	4.50E-04	2.00E-09	5.72E-11	2.66E-03	5.26E-05	1.49E-03	1.60E-08	3.28E-05	6.62E-03	1.77E-01	0.00E+00	2.44E-10	3.13E-10	3.65E-05	1.00E-06	2.37E-02	0.00E+00	1.77E-01	4.22E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NB163A	4.96E-05	2.85E-02	3.96E-03	1.70E-02	0.00E+00	0.00E+00	2.43E-01	2.34E-07	2.24E-05	1.48E-04	0.00E+00	4.22E-04	1.88E-09	5.38E-11	2.50E-03	4.93E-05	1.40E-03	1.44E-08	3.08E-05	6.26E-03	1.66E-01	0.00E+00	2.29E-10	2.94E-10	3.42E-05	9.35E-07	2.22E-02	0.00E+00	1.66E-01	3.97E-10	1.66E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NB206A	9.36E-05	5.45E-02	7.46E-03	3.20E-02	0.00E+00	0.00E+00	4.58E-01	4.40E-07	4.21E-05	2.79E-04	0.00E+00	7.96E-04	3.53E-09	1.01E-10	4.70E-03	9.32E-05	2.64E-03	2.85E-08	5.81E-05	1.17E-02	3.14E-01	0.00E+00	4.32E-10	5.55E-10	6.46E-05	1.77E-06	4.20E-02	0.00E+00	3.14E-01	7.47E-10	3.14E-01	3.56E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
NB210A	4.95E-05	2.44E-02	4.07E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.31E-05	1.47E-04	0.00E+00	4.30E-04	1.93E-09	5.60E-11	2.59E-03	4.81E-05	1.44E-03	6.94E-09	3.09E-05	6.91E-03	1.68E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.97E-07	2.24E-02	0.00E+00	1.68E-01	4.08E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
NB213A	1.72E-05	1.78E-03	1.59E-03	6.92E-03	0.00E+00	0.00E+00	1.01E-01	9.40E-08	9.34E-06	5.03E-05	0.00E+00	1.62E-04	7.61E-10	2.32E-11	1.06E-03	1.49E-05	5.65E-04	9.72E-09	1.11E-05	3.47E-03	6.11E-02	0.00E+00	7.87E-11	1.04E-10	1.21E-05	2.51E-07	8.09E-03	0.00E+00	6.11E-02	1.60E-10	6.11E-02	6.92E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04
NB216A	5.94E-05	3.11E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	2.98E-01	2.85E-07	2.74E-05	1.77E-04	0.00E+00	5.12E-04	2.29E-09	6.62E-11	3.07E-03	5.82E-05	1.71E-03	1.18E-08	3.70E-05	7.99E-03	2.01E-01	0.00E+00	2.74E-10	3.53E-10	4.11E-05	1.09E-06	2.68E-02	0.00E+00	2.01E-01	4.84E-10	2.01E-01	2.27E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
NB220A	5.93E-05	3.08E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	2.98E-01	2.85E-07	2.74E-05	1.76E-04	0.00E+00	5.12E-04	2.29E-09	6.62E-11	3.07E-03	5.81E-05	1.71E-03	1.13E-08	3.70E-05	8.02E-03	2.00E-01	0.00E+00	2.74E-10	3.53E-10	4.10E-05	1.09E-06	2.68E-02	0.00E+00	2.00E-01	4.84E-10	2.00E-01	2.27E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
NB225A	5.24E-05	2.54E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.55E-07	2.46E-05	1.56E-04	0.00E+00	4.56E-04	2.05E-09	5.96E-11	2.76E-03	5.09E-05	1.53E-03	6.62E-09	3.28E-05	7.39E-03	1.78E-01	0.00E+00	2.42E-10	3.12E-10	3.63E-05	9.47E-07	2.38E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
NB232A	4.56E-05	2.02E-02	3.81E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.35E-04	0.00E+00	4.01E-04	1.81E-09	5.29E-11	2.44E-03	4.38E-05	1.35E-03	2.29E-09	2.86E-05	6.74E-03	1.56E-01	0.00E+00	2.10E-10	2.72E-10	3.16E-05	8.07E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.76E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NB240A	5.90E-05	2.97E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	2.98E-01	2.85E-07	2.75E-05	1.75E-04	0.00E+00	5.11E-04	2.29E-09	6.64E-11	3.08E-03	5.75E-05	1.71E-03	9.48E-09	3.68E-05	8.13E-03	2.00E-01	0.00E+00	2.72E-10	3.51E-10	4.08E-05	1.08E-06	2.67E-02	0.00E+00	2.00E-01	4.84E-10	2.00E-01	2.26E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
NB250A	5.20E-05	2.40E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.47E-05	1.54E-04	0.00E+00	4.55E-04	2.05E-09	5.98E-11	2.76E-03	5.02E-05	1.53E-03	4.41E-09	3.26E-05	7.52E-03	1.77E-01	0.00E+00	2.40E-10	3.10E-10	3.61E-05	9.29E-07	2.36E-02	0.00E+00	1.77E-01	4.33E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
NB263A	6.86E-05	3.55E-02	5.59E-03	2.41E-02	0.00E+00	0.00E+00	3.45E-01	3.30E-07	3.18E-05	2.04E-04	0.00E+00	5.93E-04	2.65E-09	7.67E-11	3.56E-03	6.72E-05	1.98E-03	1.29E-08	4.28E-05	9.30E-03	2.32E-01	0.00E+00	3.17E-10	4.08E-10	4.75E-05	1.26E-06	3.10E-02	0.00E+00	2.32E-01	5.61E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
NB306A	8.35E-05	4.32E-02	6.80E-03	2.93E-02	0.00E+00	0.00E+00	4.20E-01	4.01E-07	3.86E-05	2.48E-04	0.00E+00	7.21E-04	3.22E-09	9.33E-11	4.32E-03	8.17E-05	2.41E-03	1.56E-08	5.21E-05	1.13E-02	2.82E-01	0.00E+00	3.85E-10	4.96E-10	5.77E-05	1.53E-06	3.77E-02	0.00E+00	2.82E-01	6.82E-10	2.82E-01	3.20E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
NB310A	7.42E-05	3.66E-02	6.10E-03	2.63E-02	0.00E+00	0.00E+00	3.77E-01	3.60E-07	3.47E-05	2.21E-04	0.00E+00	6.45E-04	2.89E-09	8.40E-11	3.89E-03	7.22E-05	2.16E-03	1.05E-08	4.64E-05	1.04E-02	2.52E-01	0.00E+00	3.43E-10	4.42E-10	5.14E-05	1.35E-06	3.36E-02	0.00E+00	2.52E-01	6.12E-10	2.52E-01	2.85E-01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
NB313A	2.69E-05	3.50E-03	2.47E-03	1.07E-02	0.00E+00	0.00E+00	1.57E-01	1.46E-07	1.45E-05	7.89E-05	0.00E+00	2.52E-04	1.18E-09	3.59E-11	1.64E-03	2.36E-05	8.77E-04	1.39E-08	1.73E-05	5.32E-03	9.53E-02	0.00E+00	1.23E-10	1.63E-10	1.88E-05	4.00E-07	1.26E-02	0.00E+00	9.53E-02	2.49E-10	9.53E-02	1.08E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.03E-04
NB316A	7.75E-05	3.88E-02	6.36E-03	2.74E-02	0.00E+00	0.00E+00	3.93E-01	3.75E-07	3.61E-05	2.30E-04	0.00E+00	6.72E-04	3.01E-09	8.74E-11	4.05E-03	7.55E-05	2.25E-03	1.20E-08	4.84E-05	1.07E-02	2.63E-01	0.00E+00	3.58E-10	4.62E-10	5.36E-05	1.41E-06	3.51E-02	0.00E+00	2.63E-01	6.37E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03

NB320A	5.76E-05	2.47E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	3.00E-01	2.85E-07	2.76E-05	1.71E-04	0.00E+00	5.07E-04	2.29E-09	6.72E-11	3.10E-03	5.50E-05	1.71E-03	1.57E-09	3.61E-05	8.61E-03	1.97E-01	0.00E+00	2.65E-10	3.44E-10	3.99E-05	1.01E-06	2.62E-02	0.00E+00	1.97E-01	4.84E-10	1.97E-01	2.23E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
NB325A	1.02E-05	8.49E-03	1.20E-03	5.29E-03	0.00E+00	0.00E+00	7.98E-02	7.09E-08	7.39E-06	2.87E-05	0.00E+00	1.15E-04	5.81E-10	1.90E-11	8.49E-04	6.31E-06	4.27E-04	2.31E-08	6.98E-06	3.59E-03	4.01E-02	0.00E+00	4.58E-11	6.46E-11	7.36E-06	6.29E-08	5.24E-03	0.00E+00	4.01E-02	1.21E-10	4.01E-02	4.54E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
NB332A	1.07E-04	5.72E-02	8.65E-03	3.72E-02	0.00E+00	0.00E+00	5.33E-01	5.10E-07	4.90E-05	3.18E-04	0.00E+00	9.18E-04	4.10E-09	1.18E-10	5.48E-03	1.05E-04	3.06E-03	2.35E-08	6.65E-05	1.41E-02	3.60E-01	0.00E+00	4.93E-10	6.34E-10	7.38E-05	1.98E-06	4.81E-02	0.00E+00	3.60E-01	8.66E-10	3.60E-01	4.08E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
NB340A	1.00E-04	5.25E-02	8.14E-03	3.50E-02	0.00E+00	0.00E+00	5.02E-01	4.80E-07	4.62E-05	2.98E-04	0.00E+00	8.63E-04	3.86E-09	1.11E-10	5.17E-03	9.81E-05	2.88E-03	2.00E-08	6.24E-05	1.34E-02	3.38E-01	0.00E+00	4.62E-10	5.95E-10	6.92E-05	1.84E-06	4.52E-02	0.00E+00	3.38E-01	8.15E-10	3.38E-01	3.83E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-03
NB350A	8.31E-05	3.96E-02	6.86E-03	2.96E-02	0.00E+00	0.00E+00	4.25E-01	4.05E-07	3.91E-05	2.47E-04	0.00E+00	7.24E-04	3.26E-09	9.48E-11	4.38E-03	8.04E-05	2.43E-03	9.32E-09	5.20E-05	1.18E-02	2.82E-01	0.00E+00	3.83E-10	4.95E-10	5.75E-05	1.49E-06	3.77E-02	0.00E+00	2.82E-01	6.88E-10	2.82E-01	3.20E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
NB363A	1.16E-04	6.26E-02	9.41E-03	4.05E-02	0.00E+00	0.00E+00	5.80E-01	5.55E-07	5.33E-05	3.46E-04	0.00E+00	9.99E-04	4.46E-09	1.29E-10	5.97E-03	1.14E-04	3.33E-03	2.61E-08	7.24E-05	1.54E-02	3.92E-01	0.00E+00	5.37E-10	6.91E-10	8.03E-05	2.16E-06	5.24E-02	0.00E+00	3.92E-01	9.43E-10	3.92E-01	4.44E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	3.14E-03
NB406A	1.44E-03	9.86E-01	1.11E-01	4.76E-01	0.00E+00	0.00E+00	6.76E+00	6.56E-06	6.21E-04	4.32E-03	0.00E+00	1.20E-02	5.25E-08	1.48E-09	6.92E-02	1.48E-03	3.93E-02	7.04E-07	8.89E-04	1.57E-01	4.78E+00	0.00E+00	6.68E-09	8.51E-09	9.92E-04	2.86E-05	6.40E-01	0.00E+00	4.78E+00	1.11E-08	4.78E+00	5.42E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-02
NB410A	1.43E-03	9.78E-01	1.10E-01	4.72E-01	0.00E+00	0.00E+00	6.70E+00	6.50E-06	6.16E-04	4.28E-03	0.00E+00	1.19E-02	5.20E-08	1.47E-09	6.86E-02	1.46E-03	3.90E-02	6.98E-07	8.81E-04	1.56E-01	4.74E+00	0.00E+00	6.63E-09	8.44E-09	9.84E-04	2.84E-05	6.35E-01	0.00E+00	4.74E+00	1.10E-08	4.74E+00	5.37E+00	6.35E-01	0.00E+00	0.00E+00	0.00E+00	3.91E-02
NB413A	3.19E-05	7.95E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.33E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.26E-08	2.07E-05	6.86E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.44E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
NB416A	1.45E-03	9.90E-01	1.12E-01	4.78E-01	0.00E+00	0.00E+00	6.78E+00	6.58E-06	6.23E-04	4.33E-03	0.00E+00	1.20E-02	5.27E-08	1.49E-09	6.94E-02	1.48E-03	3.94E-02	7.07E-07	8.92E-04	1.58E-01	4.79E+00	0.00E+00	6.71E-09	8.54E-09	9.96E-04	2.87E-05	6.43E-01	0.00E+00	4.79E+00	1.12E-08	4.79E+00	5.44E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-02
NB420A	1.48E-03	1.01E+00	1.14E-01	4.88E-01	0.00E+00	0.00E+00	6.93E+00	6.72E-06	6.37E-04	4.43E-03	0.00E+00	1.23E-02	5.38E-08	1.52E-09	7.09E-02	1.51E-03	4.03E-02	7.22E-07	9.12E-04	1.61E-01	4.90E+00	0.00E+00	6.85E-09	8.73E-09	1.02E-03	2.94E-05	6.57E-01	0.00E+00	4.90E+00	1.14E-08	4.90E+00	5.56E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	4.05E-02
NB425A	1.51E-03	1.03E+00	1.16E-01	4.97E-01	0.00E+00	0.00E+00	7.06E+00	6.85E-06	6.48E-04	4.51E-03	0.00E+00	1.25E-02	5.48E-08	1.54E-09	7.22E-02	1.54E-03	4.10E-02	7.35E-07	9.28E-04	1.64E-01	4.99E+00	0.00E+00	6.98E-09	8.89E-09	1.04E-03	2.99E-05	6.69E-01	0.00E+00	4.99E+00	1.16E-08	4.99E+00	5.66E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-02
NB432A	1.66E-03	1.14E+00	1.28E-01	5.48E-01	0.00E+00	0.00E+00	7.78E+00	7.55E-06	7.15E-04	4.97E-03	0.00E+00	1.38E-02	6.04E-08	1.70E-09	7.96E-02	1.70E-03	4.52E-02	8.11E-07	1.02E-03	1.81E-01	5.50E+00	0.00E+00	7.69E-09	9.80E-09	1.14E-03	3.30E-05	7.37E-01	0.00E+00	5.50E+00	1.28E-08	5.50E+00	6.24E+00	7.37E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-02
NB440A	1.64E-03	1.12E+00	1.26E-01	5.41E-01	0.00E+00	0.00E+00	7.69E+00	7.46E-06	7.06E-04	4.91E-03	0.00E+00	1.36E-02	5.97E-08	1.68E-09	7.86E-02	1.68E-03	4.47E-02	8.01E-07	1.01E-03	1.79E-01	5.43E+00	0.00E+00	7.60E-09	9.68E-09	1.13E-03	3.26E-05	7.28E-01	0.00E+00	5.43E+00	1.26E-08	5.43E+00	6.16E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
NB450A	1.08E-04	5.11E-02	8.90E-03	3.83E-02	0.00E+00	0.00E+00	5.51E-01	5.25E-07	5.07E-05	3.20E-04	0.00E+00	9.38E-04	4.22E-09	1.23E-10	5.68E-03	1.04E-04	3.15E-03	1.17E-08	6.74E-05	1.53E-02	3.66E-01	0.00E+00	4.97E-10	6.42E-10	7.45E-05	1.93E-06	4.88E-02	0.00E+00	3.66E-01	8.92E-10	3.66E-01	4.15E-01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
NB463A	1.34E-04	6.89E-02	1.09E-02	4.70E-02	0.00E+00	0.00E+00	6.75E-01	6.45E-07	6.21E-05	3.99E-04	0.00E+00	1.16E-03	5.18E-09	1.50E-10	6.95E-03	1.31E-04	3.87E-03	2.43E-08	8.36E-05	1.82E-02	4.53E-01	0.00E+00	6.19E-10	7.97E-10	9.27E-05	2.46E-06	6.05E-02	0.00E+00	4.53E-01	1.10E-09	4.53E-01	5.14E-01	6.05E-02	0.00E+00	0.00E+00	0.00E+00	3.61E-03
NBN006	2.70E-06	3.42E-03	3.50E-04	1.55E-03	0.00E+00	0.00E+00	2.37E-02	2.07E-08	2.19E-06	7.52E-06	0.00E+00	3.27E-05	1.70E-10	5.71E-12	2.53E-04	1.37E-06	1.25E-04	8.25E-09	1.91E-06	1.14E-03	1.12E-02	0.00E+00	1.21E-11	1.75E-11	1.98E-06	6.31E-09	1.45E-03	0.00E+00	1.12E-02	3.55E-11	1.12E-02	1.26E-02	1.45E-03	0.00E+00	0.00E+00	0.00E+00	6.25E-05
NBN010	1.24E-05	3.47E-03	1.09E-03	4.73E-03	0.00E+00	0.00E+00	6.88E-02	6.46E-08	6.34E-06	3.67E-05	0.00E+00	1.13E-04	5.21E-10	1.56E-11	7.14E-04	1.14E-05	3.88E-04	3.08E-09	7.90E-06	2.16E-03	4.33E-02	0.00E+00	5.72E-11	7.49E-11	8.67E-06	2.02E-07	5.76E-03	0.00E+00	4.33E-02	1.10E-10	4.33E-02	4.91E-02	5.76E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
NBN013	1.32E-05	3.92E-03	1.16E-03	5.01E-03	0.00E+00	0.00E+00	7.27E-02	6.83E-08	6.70E-06	3.90E-05	0.00E+00	1.20E-04	5.52E-10	1.64E-11	7.54E-04	1.22E-05	4.10E-04	2.86E-09	8.39E-06	2.27E-03	4.60E-02	0.00E+00	6.08E-11	7.96E-11	9.22E-06	2.16E-07	6.11E-03	0.00E+00	4.60E-02	1.16E-10	4.60E-02	5.21E-02	6.11E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04
NBN016	1.60E-05	5.79E-03	1.37E-03	5.91E-03	0.00E+00	0.00E+00	8.55E-02	8.08E-08	7.88E-06	4.72E-05	0.00E+00	1.43E-04	6.51E-10	1.92E-11	8.86E-04	1.50E-05	4.85E-04	1.52E-09	1.01E-05	2.56E-03	5.50E-02	0.00E+00	7.36E-11	9.58E-11	1.11E-05	2.71E-07	7.33E-03	0.00E+00	5.50E-02	1.37E-10	5.50E-02	6.24E-02	7.33E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
NBN020	4.25E-05	2.40E-02	3.41E-03	1.46E-02	0.00E+00	0.00E+00	2.09E-01	2.01E-07	1.92E-05	1.27E-04	0.00E+00	3.63E-04	1.61E-09	4.63E-11	2.15E-03	4.21E-05	1.20E-03	1.17E-08	2.64E-05	5.42E-03	1.43E-01	0.00E+00	1.96E-10	2.52E-10	2.93E-05	7.98E-07	1.91E-02	0.00E+00	1.43E-01	3.41E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NBN025	1.37E-05	4.05E-03	1.20E-03	5.18E-03	0.00E+00	0.00E+00	7.52E-02	7.07E-08	6.93E-06	4.04E-05	0.00E+00	1.24E-04	5.71E-10	1.70E-11	7.81E-04	1.26E-05	4.25E-04	2.97E-09	8.69E-06	2.35E-03	4.76E-02	0.00E+00	6.30E-11	8.24E-11	9.54E-06	2.24E-07	6.33E-03	0.00E+00	4.76E-02	1.20E-10	4.76E-02	5.39E-02	6.33E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
NBN032	2.29E-06	4.12E-03	3.29E-04	1.47E-03	0.00E+00	0.00E+00	2.26E-02	1.95E-08	2.10E-06	6.24E-06	0.00E+00	3.01E-05	1.61E-10	5.51E-12	2.43E-04	8.37E-07	1.18E-04	9.21E-09	1.68E-06	1.16E-03	9.98E-03	0.00E+00	1.01E-11	1.52E-11	1.71E-06	5.64E-09	1.28E-03	0.00E+00	9.98E-03	3.34E-11	9.98E-03	1.13E-02	1.28E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-05
NBN040	2.13E-06	4.32E-03	3.19E-04	1.43E-03	0.00E+00	0.00E+00	2.20E-02	1.89E-08	2.04E-06	5.74E-06	0.00E+00	2.89E-05	1.56E-10	5.39E-12	2.37E-04	6.44E-07	1.14E-04	9.46E-09	1.58E-06	1.16E-03	9.47E-03	0.00E+00	9.36E-12	1.43E-11	1.60E-06	9.75E-09	1.22E-03	0.00E+00	9.47E-03	3.24E-11	9.47E-03	1.07E-02	1.22E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-05
NBN050	1.94E-06	4.49E-03	3.06E-04	1.37E-03	0.00E+00	0.00E+00	2.13E-02	1.82E-08	1.97E-06	5.19E-06	0.00E+00	2.75E-05	1.50E-10	5.23E-12	2.30E-04	4.45E-07	1.09E-04	9.63E-09	1.47E-06	1.15E-03	8.89E-03	0.00E+00	8.51E-12	1.32E-11	1.47E-06	1.38E-08	1.14E-03	0.00E+00	8.89E-03	3.11E-11	8.89E-03	1.00E-02	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05
NBN063	1.40E-06	4.91E-03	2.65E-04	1.20E-03	0.00E+00	0.00E+00	1.88E-02	1.58E-08	1.75E-06	3.55E-06	0.00E+00	2.30E-05	1.31E-10	4.70E-12	2.05E-04	1.25E-07	9.50E-05	9.98E-09	1.14E-06	1.10E-03	7.10E-03	0.00E+00	5.98E-12	1.00E-11	1.10E-06	2.50E-08	8.97E-04	0.00E+00	7.10E-03	2.71E-11	7.10E-03	8.00E-03	8.97E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05
NBN106	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN106A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN106N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NBN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN110A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN110N	8.17E-06	8.29E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.82E-02	4.48E-08	4.45E-06	2.39E-05	0.00E+00	7.72E-05	3.63E-10	1.10E-11	5.03E-04	7.10E-06	2.69E-04	4.66E-09	5.26E-06	1.66E-03	2.91E-02	0.00E+00	3.75E-11	4.96E-11	5.73E-06	1.19E-07	3.85E-03	0.00E+00	2.91E-02	7.62E-11	2.91E-02	3.29E-02	3.85E-03	0.00E+00	0.00E+00	0.00E+00	2.13E-04
NBN113	2.10E-05	9.41E-03	1.75E-03	7.55E-03	0.00E+00	0.00E+00	1.09E-01	1.03E-07	1.00E-05	6.23E-05	0.00E+00	1.84E-04	8.32E-10	2.43E-11	1.12E-03	2.02E-05	6.20E-04	1.27E-09	1.32E-05	3.08E-03	7.16E-02	0.00E+00	9.68E-11	1.25E-10	1.46E-05	3.72E-07	9.55E-03	0.00E+00	7.16E-02	1.76E-10	7.16E-02	8.11E-02	9.55E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
NBN116	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN116A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN116N	8.14E-06	7.14E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.10E-11	5.04E-04	7.04E-06	2.69E-04	4.84E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.73E-11	4.95E-11	5.71E-06	1.18E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
NBN120	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
NBN120A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN120N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NBN125	2.28E-05	1.05E-02	1.90E-03	8.18E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.78E-05	0.00E+00	2.00E-04	9.01E-10	2.63E-11	1.22E-03	2.20E-05	6.72E-04	1.83E-09	1.43E-05	3.31E-03	7.78E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.07E-07	1.04E-02	0.00E+00	7.78E-02	1.90E-10	7.78E-02	8.82E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NBN125A	2.01E-05	8.61E-03	1.69E-03	7.28E-03	0.00E+00	0.00E+00	1.05E-01	9.96E-08	9.65E-06	5.96E-05	0.00E+00	1.77E-04	8.02E-10	2.35E-11	1.08E-03	1.92E-05	5.97E-04	4.95E-10	1.26E-05	3.01E-03	6.87E-02	0.00E+00	9.27E-11	1.20E-10	1.39E-05	3.53E-07	9.16E-03	0.00E+00	6.87E-02	1.69E-10	6.87E-02	7.79E-02	9.16E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04
NBN125N	7.99E-06	1.96E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.47E-06	2.33E-05	0.00E+00	7.67E-05	3.63E-10	1.11E-11	5.06E-04	6.78E-06	2.69E-04	5.67E-09	5.17E-06	1.72E-03	2.87E-02	0.00E+00	3.66E-11	4.87E-11	5.62E-06	1.11E-07	3.80E-03	0.00E+00	2.87E-02	7.62E-11	2.87E-02	3.25E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04
NBN132	1.09E-05	1.88E-03	9.86E-04	4.28E-03	0.00E+00	0.00E+00	6.25E-02	5.83E-08	5.76E-06	3.19E-05	0.00E+00	1.01E-04	4.71E-10	1.42E-11	6.51E-04	9.65E-06	3.50E-04	4.77E-09	6.96E-06	2.08E-03	3.83E-02	0.00E+00	4.99E-11	6.58E-11	7.61E-06	1.66E-07	5.08E-03	0.00E+00	3.83E-02	9.92E-11	3.83E-02	4.34E-02	5.08E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NBN132A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN132N	8.05E-05	4.96E-02	6.35E-03	2.72E-02	0.00E+00	0.00E+00	3.88E-01	3.74E-07	3.57E-05	2.40E-04	0.00E+00	6.80E-04	3.00E-09	8.56E-11	3.98E-03	8.09E-05	2.24E-03	2.95E-08	4.98E-05	9.63E-03	2.69E-01	0.00E+00	3.72E-10	4.76E-10	5.55E-05	1.55E-06	3.60E-02	0.00E+00	2.69E-01	6.35E-10	2.69E-01	3.05E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03
NBN140	3.24E-05	1.69E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.63E-01	1.56E-07	1.50E-05	9.65E-05	0.00E+00	2.80E-04	1.25E-09	3.62E-11	1.68E-03	3.18E-05	9.35E-04	6.27E-09	2.02E-05	4.38E-03	1.10E-01	0.00E+00	1.50E-10	1.93E-10	2.24E-05	5.97E-07	1.47E-02	0.00E+00	1.10E-01	2.65E-10	1.10E-01	1.24E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.76E-04
NBN140A	1.31E-05	3.34E-03	1.16E-03	5.01E-03	0.00E+00	0.00E+00	7.29E-02	6.83E-08	6.72E-06	3.85E-05	0.00E+00	1.19E-04	5.52E-10	1.65E-11	7.57E-04	1.19E-05	4.10E-04	3.78E-09	8.31E-06	2.32E-03	4.56E-02	0.00E+00	6.00E-11	7.87E-11	9.12E-06	2.09E-07	6.06E-03	0.00E+00	4.56E-02	1.16E-10	4.56E-02	5.17E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
NBN140N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NBN150	3.16E-05	1.62E-02	2.58E-03	1.11E-02	0.00E+00	0.00E+00	1.59E-01	1.52E-07	1.46E-05	9.40E-05	0.00E+00	2.73E-04	1.22E-09	3.54E-11	1.64E-03	3.09E-05	9.12E-04	5.68E-09	1.97E-05	4.30E-03	1.07E-01	0.00E+00	1.46E-10	1.88E-10	2.19E-05	5.79E-07	1.43E-02	0.00E+00	1.07E-01	2.58E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
NBN150A	3.10E-05	1.58E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.44E-05	9.23E-05	0.00E+00	2.68E-04	1.20E-09	3.48E-11	1.61E-03	3.03E-05	8.97E-04	5.41E-09	1.94E-05	4.24E-03	1.05E-01	0.00E+00	1.43E-10	1.85E-10	2.15E-05	5.68E-07	1.40E-02	0.00E+00	1.05E-01	2.54E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-04
NBN150N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NBN163	3.46E-05	1.83E-02	2.81E-03	1.21E-02	0.00E+00	0.00E+00	1.73E-01	1.66E-07	1.59E-05	1.03E-04	0.00E+00	2.98E-04	1.33E-09	3.85E-11	1.79E-03	3.40E-05	9.95E-04	7.17E-09	2.16E-05	4.63E-03	1.17E-01	0.00E+00	1.60E-10	2.06E-10	2.39E-05	6.39E-07	1.56E-02	0.00E+00	1.17E-01	2.82E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.35E-04
NBN163A	3.09E-05	1.58E-02	2.52E-03	1.09E-02	0.00E+00	0.00E+00	1.56E-01	1.49E-07	1.43E-05	9.19E-05	0.00E+00	2.67E-04	1.20E-09	3.47E-11	1.61E-03	3.02E-05	8.93E-04	5.34E-09	1.93E-05	4.22E-03	1.05E-01	0.00E+00	1.43E-10	1.84E-10	2.14E-05	5.65E-07	1.40E-02	0.00E+00	1.05E-01	2.53E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
NBN163N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NBN163R	8.59E-06	1.40E-04	8.16E-04	3.55E-03	0.00E+00	0.00E+00	5.22E-02	4.82E-08	4.82E-06	2.51E-05	0.00E+00	8.25E-05	3.91E-10	1.20E-11	5.46E-04	7.26E-06	2.89E-04	6.22E-09	5.56E-06	1.86E-03	3.08E-02	0.00E+00	3.93E-11	5.24E-11	6.04E-06	1.19E-07	4.08E-03	0.00E+00	3.08E-02	8.21E-11	3.08E-02	3.49E-02	4.08E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NBN206	1.93E-05	3.02E-03	1.76E-03	7.64E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.66E-05	0.00E+00	1.80E-04	8.41E-10	2.54E-11	1.16E-03	1.70E-05	6.24E-04	9.05E-09	1.24E-05	3.74E-03	6.81E-02	0.00E+00	8.85E-11	1.17E-10	1.35E-05	2.91E-07	9.04E-03	0.00E+00	6.81E-02	1.77E-10	6.81E-02	7.72E-02	9.04E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04
NBN206A	1.93E-05	3.02E-03	1.76E-03	7.64E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.66E-05	0.00E+00	1.80E-04	8.41E-10	2.54E-11	1.16E-03	1.70E-05	6.24E-04	9.05E-09	1.24E-05	3.74E-03	6.81E-02	0.00E+00	8.85E-11	1.17E-10	1.35E-05	2.91E-07	9.04E-03	0.00E+00	6.81E-02	1.77E-10	6.81E-02	7.72E-02	9.04E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04
NBN206N	1.62E-05	1.35E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.75E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.79E-09	1.05E-05	3.34E-03	5.78E-02	0.00E+00	7.44E-11	9.87E-11	1.14E-05	2.35E-07	7.66E-03	0.00E+00	5.78E-02	1.52E-10	5.78E-02	6.55E-02	7.66E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
NBN210	4.76E-05	2.29E-02	3.93E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.32E-07	2.24E-05	1.41E-04	0.00E+00	4.14E-04	1.86E-09	5.42E-11	2.51E-03	4.61E-05	1.39E-03	5.69E-09	2.98E-05	6.73E-03	1.62E-01	0.00E+00	2.20E-10	2.84E-10	3.30E-05	8.58E-07	2.16E-02	0.00E+00	1.62E-01	3.94E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
NBN210A	4.68E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NBN210N	1.63E-05	1.69E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.88E-06	4.79E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.00E-03	1.42E-05	5.37E-04	9.24E-09	1.05E-05	3.30E-03	5.81E-02	0.00E+00	7.48E-11	9.92E-11	1.15E-05	2.39E-07	7.70E-03	0.00E+00	5.81E-02	1.52E-10	5.81E-02	6.58E-02	7.70E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
NBN213	4.50E-05	2.09E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.31E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.93E-04	1.77E-09	5.16E-11	2.39E-03	4.34E-05	1.32E-03	4.06E-09	2.82E-05	6.48E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.11E-05	8.04E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
NBN216	4.25E-05	1.92E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.73E-04	1.68E-09	4.91E-11	2.27E-03	4.09E-05	1.25E-03	2.88E-09	2.67E-05	6.21E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.56E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
NBN216A	4.53E-05	2.11E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.14E-05	1.35E-04	0.00E+00	3.96E-04	1.78E-09	5.20E-11	2.40E-03	4.37E-05	1.33E-03	4.24E-09	2.84E-05	6.52E-03	1.54E-01	0.00E+00	2.09E-10	2.70E-10	3.14E-05	8.11E-07	2.06E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NBN216N	1.63E-05	1.52E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.89E-06	4.77E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.01E-03	1.41E-05	5.37E-04	9.52E-09	1.05E-05	3.32E-03	5.80E-02	0.00E+00	7.46E-11	9.89E-11	1.14E-05	2.37E-07	7.68E-03	0.00E+00	5.80E-02	1.52E-10	5.80E-02	6.56E-02	7.68E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
NBN220	4.35E-05	1.95E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.82E-04	1.72E-09	5.03E-11	2.33E-03	4.18E-05	1.28E-03	2.70E-09	2.73E-05	6.38E-03	1.48E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.72E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NBN220A	4.35E-05	1.95E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.82E-04	1.72E-09	5.03E-11	2.33E-03	4.18E-05	1.28E-03	2.70E-09	2.73E-05	6.38E-03	1.48E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.72E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NBN220N	1.63E-05	1.40E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.76E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.70E-09	1.05E-05	3.33E-03	5.79E-02	0.00E+00	7.44E-11	9.88E-11	1.14E-05	2.35E-07	7.67E-03	0.00E+00	5.79E-02	1.52E-10	5.79E-02	6.56E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
NBN225	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NBN225A	4.56E-05	2.10E-02	3.79E-03	1.63E-02	0.00E+00	0.00E+00	2.35E-01	2.24E-07	2.16E-05	1.35E-04	0.00E+00	3.99E-04	1.80E-09	5.25E-11	2.43E-03	4.40E-05	1.34E-03	3.73E-09	2.86E-05	6.61E-03	1.55E-01	0.00E+00	2.11E-10	2.72E-10	3.16E-05	8.14E-07	2.07E-02	0.00E+00	1.55E-01	3.80E-10	1.55E-01	1.76E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NBN225N	1.60E-05	4.26E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.13E-08	1.03E-05	3.43E-03	5.73E-02	0.00E+00	7.31E-11	9.73E-11	1.12E-05	2.23E-07	7.58E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.58E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
NBN232	4.41E-05	1.91E-02	3.69E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.14E-11	2.37E-03	4.22E-05	1.31E-03	1.46E-09	2.77E-05	6.58E-03	1.51E-01	0.00E+00	2.03E-10	2.63E-10	3.06E-05	7.76E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NBN232A	7.05E-05	3.78E-02	5.71E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.37E-07	3.23E-05	2.10E-04	0.00E+00	6.06E-04	2.70E-09	7.80E-11	3.62E-03	6.93E-05	2.02E-03	1.56E-08	4.39E-05	9.33E-03	2.38E-01	0.00E+00	3.25E-10	4.19E-10	4.87E-05	1.31E-06	3.18E-02	0.00E+00	2.38E-01	5.72E-10	2.38E-01	2.69E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
NBN232N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NBN240	2.39E-05	5.20E-03	2.14E-03	9.28E-03	0.00E+00	0.00E+00	1.35E-01	1.26E-07	1.25E-05	7.03E-05	0.00E+00	2.20E-04	1.02E-09	3.07E-11	1.41E-03	2.15E-05	7.59E-04	8.57E-09	1.52E-05	4.39E-03	8.38E-02	0.00E+00	1.10E-10	1.44E-10	1.67E-05	3.74E-07	1.11E-02	0.00E+00	8.38E-02	2.15E-10	8.38E-02	9.49E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.29E-04
NBN240A	2.39E-05	5.20E-03	2.14E-03	9.28E-03	0.00E+00	0.00E+00	1.35E-01	1.26E-07	1.25E-05	7.03E-05	0.00E+00	2.20E-04	1.02E-09	3.07E-11	1.41E-03	2.15E-05	7.59E-04	8.57E-09	1.52E-05	4.39E-03	8.38E-02	0.00E+00	1.10E-10	1.44E-10	1.67E-05	3.74E-07	1.11E-02	0.00E+00	8.38E-02	2.15E-10	8.38E-02	9.49E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.29E-04
NBN240N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NBN250	2.97E-06	1.34E-02	7.52E-05	4.42E-04	0.00E+00	0.00E+00	9.74E-03	4.64E-09	9.36E-07	1.01E-05	0.00E+00	2.65E-06	4.69E-11	3.25E-12	1.23E-04	6.04E-06	2.90E-05	2.20E-08	1.30E-06	1.50E-03	5.07E-03	0.00E+00	1.47E-11	1.41E-11	1.77E-06	1.61E-07	7.85E-04	0.00E+00	5.07E-03	8.50E-12	5.07E-03	5.85E-03	7.85E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
NBN250A	1.61E-05	2.93E-04	1.55E-03	6.74E-03	0.00E+00	0.00E+00	9.92E-02	9.15E-08	9.16E-06	4.71E-05	0.00E+00	1.56E-04	7.42E-10	2.28E-11	1.04E-03	1.35E-05	5.49E-04	1.27E-08	1.05E-05	3.58E-03	5.82E-02	0.00E+00	7.38E-11	9.86E-11	1.14E-05	2.18E-07	7.69E-03	0.00E+00	5.82E-02	1.56E-10	5.82E-02	6.59E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
NBN250N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NBN263	2.38E-05	4.91E-03	2.14E-03	9.28E-03	0.00E+00	0.00E+00	1.35E-01	1.26E-07	1.25E-05	7.00E-05	0.00E+00	2.20E-04	1.02E-09	3.08E-11	1.41E-03	2.13E-05	7.59E-04	9.03E-09	1.52E-05	4.42E-03	8.36E-02	0.00E+00	1.09E-10	1.44E-10	1.66E-05	3.70E-07	1.11E-02	0.00E+00	8.36E-02	2.15E-10	8.36E-02	9.47E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
NBN263A	2.13E-05	3.17E-03	1.94E-03	8.44E-03	0.00E+00	0.00E+00	1.23E-01	1.15E-07	1.14E-05	6.24E-05	0.00E+00	1.99E-04	9.29E-10	2.81E-11	1.29E-03	1.87E-05	6.90E-04	1.03E-08	1.36E-05	4.15E-03	7.52E-02	0.00E+00	9.76E-11	1.29E-10	1.49E-05	3.20E-07	9.98E-03	0.00E+00	7.52E-02	1.96E-10	7.52E-02	8.52E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
NBN263N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NBN263R	1.83E-05	1.16E-03	1.72E-03	7.47E-03	0.00E+00	0.00E+00	1.10E-01	1.02E-07	1.01E-05	5.36E-05	0.00E+00	1.74E-04	8.22E-10	2.51E-11	1.14E-03	1.57E-05	6.10E-04	1.17E-08	1.18E-05	3.83E-03	6.55E-02	0.00E+00	8.39E-11	1.12E-10	1.29E-05	2.62E-07	8.67E-03	0.00E+00	6.55E-02	1.73E-10	6.55E-02	7.41E-02	8.67E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
NBN306	3.80E-05	1.07E-02	3.34E-03	1.45E-02	0.00E+00	0.00E+00	2.10E-01	1.97E-07	1.94E-05	1.12E-04	0.00E+00	3.46E-04	1.59E-09	4.75E-11	2.18E-03	3.49E-05	1.18E-03	9.22E-09	2.42E-05	6.60E-03	1.32E-01	0.00E+00	1.75E-10	2.29E-10	2.65E-05	6.17E-07	1.76E-02	0.00E+00	1.32E-01	3.36E-10	1.32E-01	1.50E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03

NBN306A	4.63E-05	1.64E-02	3.98E-03	1.72E-02	0.00E+00	0.00E+00	2.49E-01	2.35E-07	2.29E-05	1.37E-04	0.00E+00	4.15E-04	1.89E-09	5.60E-11	2.58E-03	4.33E-05	1.41E-03	5.19E-09	2.92E-05	7.50E-03	1.60E-01	0.00E+00	2.13E-10	2.78E-10	3.22E-05	7.81E-07	2.13E-02	0.00E+00	1.60E-01	3.99E-10	1.60E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NBN306N	2.45E-05	2.64E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.44E-01	1.34E-07	1.33E-05	7.19E-05	0.00E+00	2.32E-04	1.09E-09	3.30E-11	1.51E-03	2.14E-05	8.06E-04	1.37E-08	1.58E-05	4.95E-03	8.72E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.60E-07	1.16E-02	0.00E+00	8.72E-02	2.28E-10	8.72E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-04
NBN310	7.47E-05	3.65E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.80E-01	3.63E-07	3.50E-05	2.22E-04	0.00E+00	6.49E-04	2.92E-09	8.47E-11	3.92E-03	7.25E-05	2.17E-03	1.00E-08	4.67E-05	1.05E-02	2.53E-01	0.00E+00	3.45E-10	4.45E-10	5.17E-05	1.35E-06	3.38E-02	0.00E+00	2.53E-01	6.16E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
NBN310A	6.64E-05	3.08E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.41E-01	3.25E-07	3.14E-05	1.97E-04	0.00E+00	5.80E-04	2.61E-09	7.62E-11	3.52E-03	6.41E-05	1.95E-03	5.97E-09	4.16E-05	9.57E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.19E-06	3.02E-02	0.00E+00	2.26E-01	5.52E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
NBN310N	2.45E-05	2.41E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.17E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.12E-05	8.06E-04	1.41E-08	1.57E-05	4.97E-03	8.71E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.57E-07	1.15E-02	0.00E+00	8.71E-02	2.28E-10	8.71E-02	9.86E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
NBN313	7.39E-05	3.57E-02	6.09E-03	2.62E-02	0.00E+00	0.00E+00	3.77E-01	3.59E-07	3.47E-05	2.19E-04	0.00E+00	6.43E-04	2.89E-09	8.40E-11	3.89E-03	7.17E-05	2.16E-03	9.20E-09	4.62E-05	1.04E-02	2.51E-01	0.00E+00	3.41E-10	4.40E-10	5.12E-05	1.33E-06	3.35E-02	0.00E+00	2.51E-01	6.11E-10	2.51E-01	2.84E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
NBN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN316A	7.01E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN316N	2.45E-05	2.41E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.17E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.12E-05	8.06E-04	1.41E-08	1.57E-05	4.97E-03	8.71E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.57E-07	1.15E-02	0.00E+00	8.71E-02	2.28E-10	8.71E-02	9.86E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
NBN320	6.78E-05	3.10E-02	5.63E-03	2.43E-02	0.00E+00	0.00E+00	3.49E-01	3.33E-07	3.22E-05	2.01E-04	0.00E+00	5.93E-04	2.68E-09	7.80E-11	3.61E-03	6.52E-05	1.99E-03	5.21E-09	4.25E-05	9.84E-03	2.31E-01	0.00E+00	3.13E-10	4.04E-10	4.70E-05	1.21E-06	3.08E-02	0.00E+00	2.31E-01	5.65E-10	2.31E-01	2.62E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NBN320A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN320N	2.44E-05	2.18E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.15E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.44E-08	1.57E-05	4.99E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.54E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
NBN325	6.86E-05	3.15E-02	5.70E-03	2.46E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.04E-04	0.00E+00	6.00E-04	2.71E-09	7.89E-11	3.65E-03	6.61E-05	2.02E-03	5.52E-09	4.30E-05	9.94E-03	2.34E-01	0.00E+00	3.16E-10	4.09E-10	4.75E-05	1.22E-06	3.12E-02	0.00E+00	2.34E-01	5.71E-10	2.34E-01	2.65E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NBN325A	7.27E-05	3.43E-02	6.02E-03	2.59E-02	0.00E+00	0.00E+00	3.73E-01	3.55E-07	3.43E-05	2.16E-04	0.00E+00	6.34E-04	2.86E-09	8.31E-11	3.85E-03	7.03E-05	2.13E-03	7.54E-09	4.55E-05	1.04E-02	2.47E-01	0.00E+00	3.35E-10	4.33E-10	5.04E-05	1.30E-06	3.30E-02	0.00E+00	2.47E-01	6.03E-10	2.47E-01	2.80E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
NBN325N	2.40E-05	6.80E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	7.01E-05	0.00E+00	2.30E-04	1.09E-09	3.33E-11	1.52E-03	2.04E-05	8.05E-04	1.68E-08	1.55E-05	5.14E-03	8.60E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.35E-07	1.14E-02	0.00E+00	8.60E-02	2.28E-10	8.60E-02	9.74E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NBN332	3.67E-05	8.47E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.32E-05	1.16E-03	1.23E-08	2.34E-05	6.68E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.79E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
NBN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN332N	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NBN340	4.33E-05	1.28E-02	3.79E-03	1.64E-02	0.00E+00	0.00E+00	2.38E-01	2.24E-07	2.19E-05	1.28E-04	0.00E+00	3.93E-04	1.80E-09	5.37E-11	2.47E-03	3.98E-05	1.34E-03	9.34E-09	2.75E-05	7.41E-03	1.50E-01	0.00E+00	1.99E-10	2.60E-10	3.02E-05	7.08E-07	2.00E-02	0.00E+00	1.50E-01	3.80E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NBN340A	3.92E-05	1.00E-02	3.47E-03	1.50E-02	0.00E+00	0.00E+00	2.18E-01	2.05E-07	2.01E-05	1.15E-04	0.00E+00	3.58E-04	1.65E-09	4.95E-11	2.27E-03	3.56E-05	1.23E-03	1.14E-08	2.49E-05	6.96E-03	1.37E-01	0.00E+00	1.80E-10	2.36E-10	2.73E-05	6.26E-07	1.82E-02	0.00E+00	1.37E-01	3.48E-10	1.37E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NBN340N	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NBN350	3.05E-05	3.81E-03	2.80E-03	1.22E-02	0.00E+00	0.00E+00	1.78E-01	1.66E-07	1.64E-05	8.93E-05	0.00E+00	2.86E-04	1.34E-09	4.07E-11	1.86E-03	2.66E-05	9.94E-04	1.60E-08	1.96E-05	6.05E-03	1.08E-01	0.00E+00	1.40E-10	1.85E-10	2.13E-05	4.51E-07	1.43E-02	0.00E+00	1.08E-01	2.82E-10	1.08E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
NBN350A	2.26E-05	1.59E-03	2.19E-03	9.57E-03	0.00E+00	0.00E+00	1.41E-01	1.30E-07	1.30E-05	6.57E-05	0.00E+00	2.21E-04	1.05E-09	3.26E-11	1.48E-03	1.86E-05	7.79E-04	1.99E-08	1.47E-05	5.19E-03	8.18E-02	0.00E+00	1.03E-10	1.38E-10	1.59E-05	2.95E-07	1.08E-02	0.00E+00	8.18E-02	2.21E-10	8.18E-02	9.26E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	5.80E-04
NBN350N	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NBN363	4.07E-05	1.07E-02	3.60E-03	1.56E-02	0.00E+00	0.00E+00	2.26E-01	2.12E-07	2.09E-05	1.20E-04	0.00E+00	3.72E-04	1.71E-09	5.13E-11	2.35E-03	3.71E-05	1.27E-03	1.12E-08	2.59E-05	7.18E-03	1.42E-01	0.00E+00	1.87E-10	2.45E-10	2.84E-05	6.54E-07	1.89E-02	0.00E+00	1.42E-01	3.61E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
NBN363A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN363N	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NBN406	4.96E-05	1.36E-02	4.37E-03	1.89E-02	0.00E+00	0.00E+00	2.75E-01	2.58E-07	2.53E-05	1.46E-04	0.00E+00	4.52E-04	2.08E-09	6.22E-11	2.85E-03	4.54E-05	1.55E-03	1.27E-08	3.15E-05	8.67E-03	1.73E-01	0.00E+00	2.28E-10	2.99E-10	3.46E-05	8.02E-07	2.30E-02	0.00E+00	1.73E-01	4.39E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
NBN406A	3.86E-05	6.06E-03	3.52E-03	1.53E-02	0.00E+00	0.00E+00	2.23E-01	2.08E-07	2.06E-05	1.13E-04	0.00E+00	3.61E-04	1.68E-09	5.09E-11	2.33E-03	3.41E-05	1.25E-03	1.81E-08	2.47E-05	7.48E-03	1.36E-01	0.00E+00	1.77E-10	2.34E-10	2.70E-05	5.84E-07	1.81E-02	0.00E+00	1.36E-01	3.54E-10	1.36E-01	1.54E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NBN406N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NBN410	8.96E-05	4.20E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.60E-01	4.38E-07	4.24E-05	2.66E-04	0.00E+00	7.83E-04	3.53E-09	1.03E-10	4.75E-03	8.66E-05	2.63E-03	8.67E-09	5.61E-05	1.29E-02	3.05E-01	0.00E+00	4.14E-10	5.35E-10	6.21E-05	1.61E-06	4.07E-02	0.00E+00	3.05E-01	7.45E-10	3.05E-01	3.46E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
NBN410A	1.53E-04	8.51E-02	1.23E-02	5.28E-02	0.00E+00	0.00E+00	7.56E-01	7.25E-07	6.95E-05	4.55E-04	0.00E+00	1.31E-03	5.82E-09	1.67E-10	7.78E-03	1.51E-04	4.35E-03	3.95E-08	9.50E-05	1.97E-02	5.14E-01	0.00E+00	7.06E-10	9.07E-10	1.06E-04	2.86E-06	6.87E-02	0.00E+00	5.14E-01	1.23E-09	5.14E-01	5.83E-01	6.87E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
NBN410N	3.27E-05	3.38E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.57E-05	0.00E+00	3.08E-04	1.45E-09	4.40E-11	2.01E-03	2.84E-05	1.07E-03	1.85E-08	2.10E-05	6.61E-03	1.16E-01	0.00E+00	1.50E-10	1.98E-10	2.29E-05	4.78E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.32E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
NBN413	9.40E-05	4.46E-02	7.77E-03	3.35E-02	0.00E+00	0.00E+00	4.81E-01	4.58E-07	4.43E-05	2.79E-04	0.00E+00	8.19E-04	3.69E-09	1.07E-10	4.96E-03	9.09E-05	2.75E-03	1.02E-08	5.88E-05	1.34E-02	3.19E-01	0.00E+00	4.33E-10	5.60E-10	6.51E-05	1.69E-06	4.26E-02	0.00E+00	3.19E-01	7.79E-10	3.19E-01	3.62E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
NBN416	8.92E-05	4.13E-02	7.41E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.65E-04	0.00E+00	7.80E-04	3.52E-09	1.02E-10	4.74E-03	8.61E-05	2.62E-03	7.80E-09	5.59E-05	1.29E-02	3.04E-01	0.00E+00	4.12E-10	5.32E-10	6.18E-05	1.59E-06	4.05E-02	0.00E+00	3.04E-01	7.43E-10	3.04E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
NBN416A	9.06E-05	4.23E-02	7.51E-03	3.24E-02	0.00E+00	0.00E+00	4.66E-01	4.43E-07	4.28E-05	2.69E-04	0.00E+00	7.92E-04	3.57E-09	1.04E-10	4.81E-03	8.75E-05	2.66E-03	8.48E-09	5.68E-05	1.30E-02	3.08E-01	0.00E+00	4.18E-10	5.41E-10	6.28E-05	1.62E-06	4.12E-02	0.00E+00	3.08E-01	7.53E-10	3.08E-01	3.49E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
NBN416N	3.26E-05	3.04E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.54E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.82E-05	1.07E-03	1.90E-08	2.10E-05	6.64E-03	1.16E-01	0.00E+00	1.49E-10	1.98E-10	2.29E-05	4.73E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
NBN420	1.01E-04	4.89E-02	8.36E-03	3.60E-02	0.00E+00	0.00E+00	5.17E-01	4.93E-07	4.76E-05	3.01E-04	0.00E+00	8.82E-04	3.97E-09	1.15E-10	5.34E-03	9.83E-05	2.96E-03	1.25E-08	6.34E-05	1.43E-02	3.44E-01	0.00E+00	4.68E-10	6.04E-10	7.02E-05	1.83E-06	4.60E-02	0.00E+00	3.44E-01	8.38E-10	3.44E-01	3.90E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
NBN420A	9.85E-05	4.69E-02	8.13E-03	3.50E-02	0.00E+00	0.00E+00	5.04E-01	4.80E-07	4.63E-05	2.92E-04	0.00E+00	8.58E-04	3.86E-09	1.12E-10	5.20E-03	9.53E-05	2.88E-03	1.10E-08	6.16E-05	1.40E-02	3.35E-01	0.00E+00	4.54E-10	5.87E-10	6.82E-05	1.77E-06	4.47E-02	0.00E+00	3.35E-01	8.15E-10	3.35E-01	3.79E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
NBN420N	3.25E-05	2.75E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.51E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.81E-05	1.07E-03	1.95E-08	2.09E-05	6.67E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.70E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
NBN425	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NBN425A	9.26E-05	4.28E-02	7.68E-03	3.31E-02	0.00E+00	0.00E+00	4.76E-01	4.53E-07	4.38E-05	2.75E-04	0.00E+00	8.09E-04	3.65E-09	1.06E-10	4.91E-03	8.92E-05	2.72E-03	8.07E-09	5.80E-05	1.34E-02	3.15E-01	0.00E+00	4.27E-10	5.52E-10	6.41E-05	1.65E-06	4.20E-02	0.00E+00	3.15E-01	7.70E-10	3.15E-01	3.57E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
NBN425N	3.19E-05	7.95E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.33E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.26E-08	2.07E-05	6.86E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.44E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
NBN432	4.79E-05	1.07E-02	4.28E-03	1.86E-02	0.00E+00	0.00E+00	2.70E-01	2.53E-07	2.49E-05	1.41E-04	0.00E+00	4.41E-04	2.04E-09	6.14E-11	2.81E-03	4.31E-05	1.52E-03	1.68E-08	3.05E-05	8.77E-03	1.68E-01	0.00E+00	2.20E-10	2.89E-10	3.35E-05	7.52E-07	2.23E-02	0.00E+00	1.68E-01	4.30E-10	1.68E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
NBN432A	3.91E-05	4.62E-03	3.60E-03	1.57E-02	0.00E+00	0.00E+00	2.29E-01	2.13E-07	2.11E-05	1.15E-04	0.00E+00	3.68E-04	1.72E-09	5.24E-11	2.39E-03	3.41E-05	1.28E-03	2.11E-08	2.51E-05	7.81E-03	1.39E-01	0.00E+00	1.79E-10	2.37E-10	2.74E-05	5.77E-07	1.84E-02	0.00E+00	1.39E-01	3.62E-10	1.39E-01	1.57E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
NBN432N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NBN440	5.34E-05	1.42E-02	4.71E-03	2.04E-02	0.00E+00	0.00E+00	2.96E-01	2.78E-07	2.73E-05	1.57E-04	0.00E+00	4.87E-04	2.25E-09	6.71E-11	3.08E-03	4.87E-05	1.67E-03	1.44E-08	3.39E-05	9.39E-03	1.86E-01	0.00E+00	2.45E-10	3.21E-10	3.72E-05	8.59E-07	2.47E-02	0.00E+00	1.86E-01	4.73E-10	1.86E-01	2.11E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
NBN440A	6.03E-05	1.90E-02	5.25E-03	2.27E-02	0.00E+00	0.00E+00	3.29E-01	3.10E-07	3.03E-05	1.78E-04	0.00E+00	5.45E-04	2.50E-09	7.43E-11	3.41E-03	5.58E-05	1.86E-03	1.10E-08	3.82E-05	1.02E-02	2.09E-01	0.00E+00	2.78E-10	3.63E-10	4.20E-05	9.97E-07	2.78E-02	0.00E+00	2.09E-01	5.27E-10	2.09E-01	2.37E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
NBN440N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NBN450	4.02E-05	4.87E-03	3.70E-03	1.61E-02	0.00E+00	0.00E+00	2.35E-01	2.19E-07	2.17E-05	1.18E-04	0.00E+00	3.78E-04	1.77E-09	5.38E-11	2.46E-03	3.51E-05	1.31E-03	2.14E-08	2.58E-05	8.01E-03	1.43E-01	0.00E+00	1.84E-10	2.44E-10	2.82E-05	5.94E-07	1.89E-02	0.00E+00	1.43E-01	3.72E-10	1.43E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
NBN450A	4.22E-05	6.25E-03	3.86E-03	1.68E-02	0.00E+00	0.00E+00	2.45E-01	2.28E-07	2.26E-05	1.24E-04	0.00E+00	3.95E-04	1.84E-09	5.58E-11	2.55E-03	3.72E-05	1.37E-03	2.05E-08	2.71E-05	8.23E-03	1.49E-01	0.00E+00	1.94E-10	2.56E-10	2.96E-05	6.34E-07	1.98E-02	0.00E+00	1.49E-01	3.88E-10	1.49E-01	1.69E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
NBN450N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NBN463	4.21E-05	6.08E-03	3.86E-03	1.68E-02	0.00E+00	0.00E+00	2.45E-01	2.28E-07	2.26E-05	1.24E-04	0.00E+00	3.95E-04	1.84E-09	5.59E-11	2.55E-03	3.71E-05	1.37E-03	2.07E-08	2.70E-05	8.25E-03	1.49E-01	0.00E+00	1.93E-10	2.55E-10	2.95E-05	6.32E-07	1.98E-02	0.00E+00	1.49E-01	3.88E-10	1.49E-01	1.69E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
NBN463A	3.67E-05	2.33E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.19E-01	2.03E-07	2.02E-05	1.07E-04	0.00E+00	3.49E-04	1.64E-09	5.02E-11	2.29E-03	3.15E-05	1.22E-03	2.34E-08	2.37E-05	7.65E-03	1.31E-01	0.00E+00	1.68E-10	2.23E-10	2.58E-05	5.23E-07	1.73E-02	0.00E+00	1.31E-01	3.46E-10	1.31E-01	1.48E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
NBN463N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NBN506	2.48E-05	6.79E-03	2.18E-03	9.46E-03	0.00E+00	0.00E+00	1.37E-01	1.29E-07	1.27E-05	7.31E-05	0.00E+00	2.26E-04	1.04E-09	3.11E-11	1.43E-03	2.27E-05	7.74E-04	6.36E-09	1.58E-05	4.34E-03	8.64E-02	0.00E+00	1.14E-10	1.49E-10	1.73E-05	4.01E-07	1.15E-02	0.00E+00	8.64E-02	2.19E-10	8.64E-02	9.79E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
NBN510	4.48E-05	2.10E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.33E-04	0.00E+00	3.91E-04	1.76E-09	5.13E-11	2.37E-03	4.33E-05	1.31E-03	4.33E-09	2.81E-05	6.43E-03	1.52E-01	0.00E+00	2.07E-10	2.67E-10	3.11E-05	8.03E-07	2.03E-02	0.00E+00	1.52E-01	3.72E-10	1.52E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NBN513	4.53E-05	2.11E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.14E-05	1.35E-04	0.00E+00	3.96E-04	1.78E-09	5.20E-11	2.40E-03	4.37E-05	1.33E-03	4.24E-09	2.84E-05	6.52E-03	1.54E-01	0.00E+00	2.09E-10	2.70E-10	3.14E-05	8.11E-07	2.06E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NBN516	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NBN520	4.35E-05	1.95E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.82E-04	1.72E-09	5.03E-11	2.33E-03	4.18E-05	1.28E-03	2.70E-09	2.73E-05	6.38E-03	1.48E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.72E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NBN525	4.41E-05	1.99E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.74E-09	5.09E-11	2.35E-03	4.24E-05	1.30E-03	2.95E-09	2.76E-05	6.44E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.83E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NBN532	1.95E-05	2.31E-03	1.80E-03	7.83E-03	0.00E+00	0.00E+00	1.15E-01	1.06E-07	1.06E-05	5.73E-05	0.00E+00	1.84E-04	8.62E-10	2.62E-11	1.20E-03	1.71E-05	6.39E-04	1.05E-08	1.26E-05	3.90E-03	6.93E-02	0.00E+00	8.96E-11	1.19E-10	1.37E-05	2.88E-07	9.19E-03	0.00E+00	6.93E-02	1.81E-10	6.93E-02	7.85E-02	9.19E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-04
NBN540	2.75E-05	7.64E-03	2.42E-03	1.05E-02	0.00E+00	0.00E+00	1.52E-01	1.43E-07	1.40E-05	8.10E-05	0.00E+00	2.50E-04	1.15E-09	3.44E-11	1.58E-03	2.51E-05	8.56E-04	6.83E-09	1.74E-05	4.78E-03	9.56E-02	0.00E+00	1.26E-10	1.65E-10	1.92E-05	4.45E-07	1.27E-02	0.00E+00	9.56E-02	2.43E-10	9.56E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
NBN550	2.02E-05	2.46E-03	1.86E-03	8.07E-03	0.00E+00	0.00E+00	1.18E-01	1.10E-07	1.09E-05	5.91E-05	0.00E+00	1.90E-04	8.89E-10	2.70E-11	1.23E-03	1.76E-05	6.59E-04	1.07E-08	1.30E-05	4.02E-03	7.15E-02	0.00E+00	9.24E-11	1.22E-10	1.41E-05	2.98E-07	9.48E-03	0.00E+00	7.15E-02	1.87E-10	7.15E-02	8.10E-02	9.48E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04
NBN563	1.56E-05	7.34E-04	1.50E-03	6.56E-03	0.00E+00	0.00E+00	9.66E-02	8.89E-08	8.92E-06	4.53E-05	0.00E+00	1.51E-04	7.21E-10	2.23E-11	1.01E-03	1.29E-05	5.34E-04	1.31E-08	1.01E-05	3.52E-03	5.63E-02	0.00E+00	7.11E-11	9.52E-11	1.10E-05	2.06E-07	7.44E-03	0.00E+00	5.63E-02	1.51E-10	5.63E-02	6.37E-02	7.44E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-04
NBN606	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN610	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN613	7.96E-05	3.48E-02	6.66E-03	2.87E-02	0.00E+00	0.00E+00	4.14E-01	3.93E-07	3.81E-05	2.36E-04	0.00E+00	7.00E-04	3.16E-09	9.26E-11	4.28E-03	7.62E-05	2.36E-03	3.18E-09	5.00E-05	1.18E-02	2.72E-01	0.00E+00	3.67E-10	4.75E-10	5.52E-05	1.40E-06	3.63E-02	0.00E+00	2.72E-01	6.68E-10	2.72E-01	3.08E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
NBN616	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN650	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN663	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NC101A	1.40E-05	4.24E-03	1.23E-03	5.30E-03	0.00E+00	0.00E+00	7.70E-02	7.24E-08	7.09E-06	4.14E-05	0.00E+00	1.27E-04	5.84E-10	1.74E-11	7.98E-04	1.29E-05	4.34E-04	2.89E-09	8.90E-06	2.39E-03	4.87E-02	0.00E+00	6.46E-11	8.44E-11	9.78E-06	2.30E-07	6.48E-03	0.00E+00	4.87E-02	1.23E-10	4.87E-02	5.52E-02	6.48E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
NC101E	2.05E-05	8.42E-03	1.73E-03	7.46E-03	0.00E+00	0.00E+00	1.08E-01	1.02E-07	9.92E-06	6.07E-05	0.00E+00	1.81E-04	8.22E-10	2.41E-11	1.11E-03	1.95E-05	6.13E-04	1.51E-10	1.29E-05	3.13E-03	7.02E-02	0.00E+00	9.45E-11	1.23E-10	1.42E-05	3.57E-07	9.36E-03	0.00E+00	7.02E-02	1.74E-10	7.02E-02	7.96E-02	9.36E-03	0.00E+00	0.00E+00	0.00E+00	5.48E-04
NC103A	1.31E-05	4.07E-03	1.14E-03	4.94E-03	0.00E+00	0.00E+00	7.17E-02	6.75E-08	6.60E-06	3.87E-05	0.00E+00	1.19E-04	5.44E-10	1.62E-11	7.43E-04	1.21E-05	4.05E-04	2.50E-09	8.31E-06	2.22E-03	4.55E-02	0.00E+00	6.03E-11	7.88E-11	9.14E-06	2.16E-07	6.05E-03	0.00E+00	4.55E-02	1.15E-10	4.55E-02	5.15E-02	6.05E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
NC104E	1.79E-05	6.62E-03	1.53E-03	6.59E-03	0.00E+00	0.00E+00	9.53E-02	9.01E-08	8.78E-06	5.28E-05	0.00E+00	1.59E-04	7.26E-10	2.14E-11	9.87E-04	1.68E-05	5.41E-04	1.44E-09	1.13E-05	2.84E-03	6.15E-02	0.00E+00	8.22E-11	1.07E-10	1.24E-05	3.04E-07	8.19E-03	0.00E+00	6.15E-02	1.53E-10	6.15E-02	6.97E-02	8.19E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
NC106A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC110A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC110E	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NC110P	2.39E-05	1.15E-02	1.97E-03	8.47E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.09E-05	0.00E+00	2.08E-04	9.34E-10	2.71E-11	1.26E-03	2.31E-05	6.96E-04	2.91E-09	1.49E-05	3.37E-03	8.10E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.30E-07	1.08E-02	0.00E+00	8.10E-02	1.97E-10	8.10E-02	9.18E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
NC113A	1.63E-05	6.26E-03	1.39E-03	6.00E-03	0.00E+00	0.00E+00	8.67E-02	8.20E-08	7.98E-06	4.83E-05	0.00E+00	1.45E-04	6.61E-10	1.95E-11	8.97E-04	1.54E-05	4.92E-04	9.32E-10	1.03E-05	2.56E-03	5.61E-02	0.00E+00	7.52E-11	9.77E-11	1.13E-05	2.80E-07	7.47E-03	0.00E+00	5.61E-02	1.39E-10	5.61E-02	6.36E-02	7.47E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
NC116A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04

NC116P	2.10E-05	9.44E-03	1.75E-03	7.54E-03	0.00E+00	0.00E+00	1.09E-01	1.03E-07	9.99E-06	6.23E-05	0.00E+00	1.84E-04	8.30E-10	2.42E-11	1.12E-03	2.02E-05	6.19E-04	1.34E-09	1.32E-05	3.07E-03	7.15E-02	0.00E+00	9.68E-11	1.25E-10	1.45E-05	3.72E-07	9.54E-03	0.00E+00	7.15E-02	1.75E-10	7.15E-02	8.11E-02	9.54E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
NC120A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC120P	2.61E-05	1.30E-02	2.14E-03	9.20E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.74E-05	0.00E+00	2.26E-04	1.01E-09	2.94E-11	1.36E-03	2.54E-05	7.57E-04	3.90E-09	1.63E-05	3.62E-03	8.83E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.73E-07	1.18E-02	0.00E+00	8.83E-02	2.14E-10	8.83E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	7.02E-04
NC125A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC125P	2.62E-05	1.26E-02	2.16E-03	9.29E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.77E-05	0.00E+00	2.28E-04	1.02E-09	2.98E-11	1.38E-03	2.53E-05	7.64E-04	3.11E-09	1.64E-05	3.70E-03	8.88E-02	0.00E+00	1.21E-10	1.56E-10	1.81E-05	4.71E-07	1.19E-02	0.00E+00	8.88E-02	2.16E-10	8.88E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.03E-04
NC132A	1.79E-05	6.88E-03	1.52E-03	6.58E-03	0.00E+00	0.00E+00	9.51E-02	9.00E-08	8.75E-06	5.30E-05	0.00E+00	1.59E-04	7.25E-10	2.13E-11	9.84E-04	1.69E-05	5.40E-04	9.98E-10	1.13E-05	2.81E-03	6.15E-02	0.00E+00	8.25E-11	1.07E-10	1.24E-05	3.07E-07	8.20E-03	0.00E+00	6.15E-02	1.53E-10	6.15E-02	6.97E-02	8.20E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04
NC132P	2.37E-05	1.07E-02	1.97E-03	8.50E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	7.03E-05	0.00E+00	2.08E-04	9.36E-10	2.73E-11	1.26E-03	2.28E-05	6.98E-04	1.66E-09	1.49E-05	3.46E-03	8.07E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.21E-07	1.08E-02	0.00E+00	8.07E-02	1.98E-10	8.07E-02	9.15E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
NC140A	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NC140P	2.50E-05	1.16E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.18E-05	7.42E-05	0.00E+00	2.18E-04	9.85E-10	2.87E-11	1.33E-03	2.41E-05	7.34E-04	2.21E-09	1.57E-05	3.61E-03	8.51E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.47E-07	1.14E-02	0.00E+00	8.51E-02	2.08E-10	8.51E-02	9.64E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.71E-04
NC150A	2.29E-06	4.30E-03	3.34E-04	1.49E-03	0.00E+00	0.00E+00	2.30E-02	1.98E-08	2.13E-06	6.22E-06	0.00E+00	3.05E-05	1.64E-10	5.62E-12	2.47E-04	7.88E-07	1.19E-04	9.55E-09	1.69E-06	1.19E-03	1.01E-02	0.00E+00	1.01E-11	1.53E-11	1.71E-06	7.30E-09	1.29E-03	0.00E+00	1.01E-02	3.39E-11	1.01E-02	1.13E-02	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.99E-05
NC150P	2.57E-05	1.19E-02	2.14E-03	9.21E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.64E-05	0.00E+00	2.25E-04	1.01E-09	2.96E-11	1.37E-03	2.48E-05	7.57E-04	2.15E-09	1.61E-05	3.72E-03	8.76E-02	0.00E+00	1.19E-10	1.54E-10	1.78E-05	4.59E-07	1.17E-02	0.00E+00	8.76E-02	2.14E-10	8.76E-02	9.93E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.91E-04
NC163A	1.78E-05	6.42E-03	1.52E-03	6.58E-03	0.00E+00	0.00E+00	9.52E-02	9.00E-08	8.77E-06	5.26E-05	0.00E+00	1.59E-04	7.25E-10	2.14E-11	9.86E-04	1.67E-05	5.40E-04	1.73E-09	1.12E-05	2.86E-03	6.13E-02	0.00E+00	8.18E-11	1.07E-10	1.24E-05	3.01E-07	8.16E-03	0.00E+00	6.13E-02	1.53E-10	6.13E-02	6.94E-02	8.16E-03	0.00E+00	0.00E+00	0.00E+00	4.73E-04
NC200A	6.90E-05	3.68E-02	5.59E-03	2.41E-02	0.00E+00	0.00E+00	3.45E-01	3.30E-07	3.17E-05	2.05E-04	0.00E+00	5.94E-04	2.65E-09	7.65E-11	3.55E-03	6.78E-05	1.98E-03	1.49E-08	4.30E-05	9.17E-03	2.33E-01	0.00E+00	3.19E-10	4.10E-10	4.77E-05	1.28E-06	3.11E-02	0.00E+00	2.33E-01	5.61E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
NC201A	5.22E-05	2.47E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.56E-04	2.05E-09	5.97E-11	2.76E-03	5.05E-05	1.53E-03	5.52E-09	3.27E-05	7.46E-03	1.78E-01	0.00E+00	2.41E-10	3.11E-10	3.62E-05	9.38E-07	2.37E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
NC202A	5.22E-05	2.46E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.56E-04	2.05E-09	5.97E-11	2.76E-03	5.05E-05	1.53E-03	5.34E-09	3.27E-05	7.47E-03	1.78E-01	0.00E+00	2.41E-10	3.11E-10	3.62E-05	9.36E-07	2.37E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
NC202E	2.34E-05	4.78E-03	2.10E-03	9.11E-03	0.00E+00	0.00E+00	1.33E-01	1.24E-07	1.22E-05	6.87E-05	0.00E+00	2.16E-04	1.00E-09	3.02E-11	1.38E-03	2.09E-05	7.45E-04	8.92E-09	1.49E-05	4.34E-03	8.20E-02	0.00E+00	1.07E-10	1.41E-10	1.63E-05	3.63E-07	1.09E-02	0.00E+00	8.20E-02	2.11E-10	8.20E-02	9.29E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04
NC203A	4.57E-05	2.05E-02	3.81E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.29E-11	2.44E-03	4.39E-05	1.35E-03	2.85E-09	2.87E-05	6.70E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.11E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NC204A	4.89E-05	2.25E-02	4.07E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.32E-05	1.45E-04	0.00E+00	4.28E-04	1.93E-09	5.63E-11	2.60E-03	4.71E-05	1.44E-03	3.91E-09	3.07E-05	7.10E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.39E-05	8.72E-07	2.22E-02	0.00E+00	1.67E-01	4.08E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
NC204E	3.12E-05	1.01E-02	2.70E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.59E-07	1.56E-05	9.20E-05	0.00E+00	2.81E-04	1.29E-09	3.82E-11	1.76E-03	2.89E-05	9.57E-04	5.11E-09	1.97E-05	5.19E-03	1.08E-01	0.00E+00	1.43E-10	1.87E-10	2.17E-05	5.18E-07	1.44E-02	0.00E+00	1.08E-01	2.71E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
NC206A	1.22E-04	7.41E-02	9.67E-03	4.15E-02	0.00E+00	0.00E+00	5.92E-01	5.70E-07	5.44E-05	3.65E-04	0.00E+00	1.03E-03	4.57E-09	1.31E-10	6.08E-03	1.22E-04	3.42E-03	4.25E-08	7.57E-05	1.48E-02	4.09E-01	0.00E+00	5.65E-10	7.24E-10	8.43E-05	2.34E-06	5.47E-02	0.00E+00	4.09E-01	9.68E-10	4.09E-01	4.63E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	3.32E-03
NC206P	5.14E-05	2.50E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.53E-04	0.00E+00	4.47E-04	2.01E-09	5.83E-11	2.70E-03	4.99E-05	1.50E-03	6.70E-09	3.21E-05	7.22E-03	1.74E-01	0.00E+00	2.37E-10	3.06E-10	3.56E-05	9.29E-07	2.33E-02	0.00E+00	1.74E-01	4.24E-10	1.74E-01	1.98E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
NC210A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC210P	5.44E-05	2.77E-02	4.45E-03	1.91E-02	0.00E+00	0.00E+00	2.75E-01	2.62E-07	2.53E-05	1.62E-04	0.00E+00	4.71E-04	2.11E-09	6.11E-11	2.83E-03	5.31E-05	1.57E-03	9.26E-09	3.40E-05	7.45E-03	1.84E-01	0.00E+00	2.51E-10	3.24E-10	3.76E-05	9.94E-07	2.46E-02	0.00E+00	1.84E-01	4.46E-10	1.84E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
NC213A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC216A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC216P	5.42E-05	2.75E-02	4.43E-03	1.91E-02	0.00E+00	0.00E+00	2.74E-01	2.62E-07	2.52E-05	1.61E-04	0.00E+00	4.69E-04	2.10E-09	6.09E-11	2.82E-03	5.29E-05	1.57E-03	9.07E-09	3.38E-05	7.44E-03	1.83E-01	0.00E+00	2.50E-10	3.22E-10	3.75E-05	9.89E-07	2.45E-02	0.00E+00	1.83E-01	4.44E-10	1.83E-01	2.08E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NC220A	4.28E-05	1.94E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.27E-04	0.00E+00	3.74E-04	1.69E-09	4.93E-11	2.28E-03	4.11E-05	1.26E-03	3.07E-09	2.68E-05	6.23E-03	1.46E-01	0.00E+00	1.97E-10	2.55E-10	2.96E-05	7.60E-07	1.94E-02	0.00E+00	1.46E-01	3.57E-10	1.46E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NC220P	4.77E-05	2.30E-02	3.94E-03	1.70E-02	0.00E+00	0.00E+00	2.44E-01	2.32E-07	2.24E-05	1.42E-04	0.00E+00	4.16E-04	1.87E-09	5.43E-11	2.51E-03	4.63E-05	1.39E-03	5.84E-09	2.99E-05	6.74E-03	1.62E-01	0.00E+00	2.20E-10	2.85E-10	3.31E-05	8.61E-07	2.16E-02	0.00E+00	1.62E-01	3.95E-10	1.62E-01	1.84E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
NC225A	7.63E-04	5.22E-01	5.88E-02	2.52E-01	0.00E+00	0.00E+00	3.57E+00	3.47E-06	3.28E-04	2.28E-03	0.00E+00	6.34E-03	2.78E-08	7.83E-10	3.66E-02	7.81E-04	2.08E-02	3.73E-07	4.70E-04	8.30E-02	2.53E+00	0.00E+00	3.53E-09	4.50E-09	5.25E-04	1.51E-05	3.39E-01	0.00E+00	2.53E+00	5.88E-09	2.53E+00	2.87E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
NC225P	5.13E-05	2.47E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.52E-04	0.00E+00	4.47E-04	2.01E-09	5.84E-11	2.70E-03	4.97E-05	1.50E-03	6.24E-09	3.21E-05	7.25E-03	1.74E-01	0.00E+00	2.37E-10	3.06E-10	3.55E-05	9.25E-07	2.33E-02	0.00E+00	1.74E-01	4.24E-10	1.74E-01	1.98E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
NC232A	8.28E-04	5.66E-01	6.38E-02	2.73E-01	0.00E+00	0.00E+00	3.88E+00	3.76E-06	3.56E-04	2.48E-03	0.00E+00	6.88E-03	3.01E-08	8.49E-10	3.97E-02	8.46E-04	2.25E-02	4.04E-07	5.10E-04	9.00E-02	2.74E+00	0.00E+00	3.83E-09	4.88E-09	5.69E-04	1.64E-05	3.67E-01	0.00E+00	2.74E+00	6.38E-09	2.74E+00	3.11E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
NC232E	8.28E-04	5.66E-01	6.38E-02	2.73E-01	0.00E+00	0.00E+00	3.88E+00	3.76E-06	3.56E-04	2.48E-03	0.00E+00	6.88E-03	3.01E-08	8.49E-10	3.97E-02	8.46E-04	2.25E-02	4.04E-07	5.10E-04	9.00E-02	2.74E+00	0.00E+00	3.83E-09	4.88E-09	5.69E-04	1.64E-05	3.67E-01	0.00E+00	2.74E+00	6.38E-09	2.74E+00	3.11E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
NC232P	5.12E-05	2.43E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.50E-07	2.41E-05	1.52E-04	0.00E+00	4.46E-04	2.01E-09	5.85E-11	2.70E-03	4.95E-05	1.50E-03	5.51E-09	3.20E-05	7.30E-03	1.74E-01	0.00E+00	2.36E-10	3.05E-10	3.55E-05	9.19E-07	2.32E-02	0.00E+00	1.74E-01	4.24E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
NC240A	8.31E-04	5.68E-01	6.41E-02	2.74E-01	0.00E+00	0.00E+00	3.89E+00	3.78E-06	3.58E-04	2.49E-03	0.00E+00	6.91E-03	3.02E-08	8.53E-10	3.98E-02	8.50E-04	2.26E-02	4.06E-07	5.12E-04	9.05E-02	2.75E+00	0.00E+00	3.85E-09	4.90E-09	5.72E-04	1.65E-05	3.69E-01	0.00E+00	2.75E+00	6.41E-09	2.75E+00	3.12E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
NC240P	5.28E-05	2.53E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.48E-05	1.57E-04	0.00E+00	4.60E-04	2.07E-09	6.02E-11	2.78E-03	5.11E-05	1.54E-03	6.13E-09	3.30E-05	7.49E-03	1.79E-01	0.00E+00	2.44E-10	3.15E-10	3.66E-05	9.51E-07	2.39E-02	0.00E+00	1.79E-01	4.37E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
NC250A	5.54E-05	2.64E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.83E-01	2.70E-07	2.61E-05	1.64E-04	0.00E+00	4.83E-04	2.17E-09	6.32E-11	2.92E-03	5.36E-05	1.62E-03	6.21E-09	3.47E-05	7.87E-03	1.88E-01	0.00E+00	2.56E-10	3.30E-10	3.84E-05	9.96E-07	2.51E-02	0.00E+00	1.88E-01	4.59E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC250P	4.98E-05	2.27E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.75E-11	2.66E-03	4.80E-05	1.47E-03	3.59E-09	3.12E-05	7.26E-03	1.70E-01	0.00E+00	2.30E-10	2.97E-10	3.45E-05	8.87E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NC263A	6.20E-05	3.11E-02	5.08E-03	2.19E-02	0.00E+00	0.00E+00	3.14E-01	3.00E-07	2.89E-05	1.84E-04	0.00E+00	5.38E-04	2.41E-09	6.99E-11	3.24E-03	6.05E-05	1.80E-03	9.72E-09	3.88E-05	8.57E-03	2.10E-01	0.00E+00	2.86E-10	3.69E-10	4.29E-05	1.13E-06	2.81E-02	0.00E+00	2.10E-01	5.10E-10	2.10E-01	2.38E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
NC263P	4.39E-05	1.84E-02	3.69E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.30E-04	0.00E+00	3.87E-04	1.75E-09	5.14E-11	2.37E-03	4.18E-05	1.31E-03	4.30E-10	2.76E-05	6.63E-03	1.50E-01	0.00E+00	2.02E-10	2.62E-10	3.04E-05	7.67E-07	2.00E-02	0.00E+00	1.50E-01	3.70E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NC300A	6.03E-05	2.50E-02	5.08E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.00E-07	2.91E-05	1.79E-04	0.00E+00	5.33E-04	2.41E-09	7.08E-11	3.27E-03	5.74E-05	1.80E-03	4.99E-11	3.79E-05	9.17E-03	2.06E-01	0.00E+00	2.78E-10	3.61E-10	4.19E-05	1.05E-06	2.75E-02	0.00E+00	2.06E-01	5.10E-10	2.06E-01	2.34E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
NC301A	7.67E-05	3.61E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.70E-04	3.02E-09	8.78E-11	4.06E-03	7.41E-05	2.25E-03	7.66E-09	4.80E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.38E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
NC302A	7.67E-05	3.58E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.62E-05	2.28E-04	0.00E+00	6.70E-04	3.02E-09	8.79E-11	4.06E-03	7.40E-05	2.25E-03	7.29E-09	4.80E-05	1.10E-02	2.61E-01	0.00E+00	3.54E-10	4.57E-10	5.31E-05	1.37E-06	3.48E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
NC303A	8.01E-05	3.85E-02	6.61E-03	2.85E-02	0.00E+00	0.00E+00	4.09E-01	3.90E-07	3.76E-05	2.38E-04	0.00E+00	6.97E-04	3.14E-09	9.12E-11	4.22E-03	7.76E-05	2.34E-03	9.64E-09	5.01E-05	1.13E-02	2.72E-01	0.00E+00	3.70E-10	4.77E-10	5.55E-05	1.44E-06	3.63E-02	0.00E+00	2.72E-01	6.63E-10	2.72E-01	3.08E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
NC304A	8.02E-05	3.90E-02	6.61E-03	2.85E-02	0.00E+00	0.00E+00	4.09E-01	3.90E-07	3.76E-05	2.38E-04	0.00E+00	6.98E-04	3.14E-09	9.11E-11	4.22E-03	7.79E-05	2.34E-03	1.04E-08	5.02E-05	1.13E-02	2.72E-01	0.00E+00	3.70E-10	4.78E-10	5.56E-05	1.45E-06	3.64E-02	0.00E+00	2.72E-01	6.63E-10	2.72E-01	3.09E-01	3.64E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
NC306A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC306P	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
NC310A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC313A	2.83E-05	4.48E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.64E-01	1.52E-07	1.51E-05	8.30E-05	0.00E+00	2.64E-04	1.23E-09	3.73E-11	1.70E-03	2.50E-05	9.14E-04	1.32E-08	1.81E-05	5.47E-03	9.99E-02	0.00E+00	1.30E-10	1.71E-10	1.98E-05	4.28E-07	1.33E-02	0.00E+00	9.99E-02	2.59E-10	9.99E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.41E-04
NC316A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC316P	7.58E-05	3.75E-02	6.22E-03	2.68E-02	0.00E+00	0.00E+00	3.85E-01	3.67E-07	3.54E-05	2.25E-04	0.00E+00	6.58E-04	2.95E-09	8.57E-11	3.97E-03	7.37E-05	2.20E-03	1.10E-08	4.74E-05	1.06E-02	2.57E-01	0.00E+00	3.50E-10	4.51E-10	5.24E-05	1.37E-06	3.43E-02	0.00E+00	2.57E-01	6.24E-10	2.57E-01	2.91E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
NC320A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC320P	7.90E-05	3.96E-02	6.48E-03	2.79E-02	0.00E+00	0.00E+00	4.00E-01	3.82E-07	3.68E-05	2.35E-04	0.00E+00	6.85E-04	3.07E-09	8.91E-11	4.13E-03	7.70E-05	2.29E-03	1.23E-08	4.94E-05	1.09E-02	2.68E-01	0.00E+00	3.65E-10	4.70E-10	5.47E-05	1.44E-06	3.58E-02	0.00E+00	2.68E-01	6.49E-10	2.68E-01	3.03E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
NC325A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC325P	5.45E-05	2.17E-02	4.62E-03	1.99E-02	0.00E+00	0.00E+00	2.88E-01	2.72E-07	2.65E-05	1.61E-04	0.00E+00	4.83E-04	2.19E-09	6.45E-11	2.97E-03	5.16E-05	1.63E-03	1.61E-09	3.43E-05	8.43E-03	1.87E-01	0.00E+00	2.51E-10	3.26E-10	3.78E-05	9.42E-07	2.49E-02	0.00E+00	1.87E-01	4.63E-10	1.87E-01	2.12E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NC332A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC332P	7.52E-05	3.55E-02	6.22E-03	2.68E-02	0.00E+00	0.00E+00	3.85E-01	3.67E-07	3.55E-05	2.23E-04	0.00E+00	6.56E-04	2.95E-09	8.60E-11	3.98E-03	7.27E-05	2.20E-03	7.74E-09	4.71E-05	1.07E-02	2.56E-01	0.00E+00	3.47E-10	4.48E-10	5.21E-05	1.35E-06	3.41E-02	0.00E+00	2.56E-01	6.24E-10	2.56E-01	2.90E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
NC340A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC340P	7.58E-05	3.54E-02	6.29E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.58E-05	2.25E-04	0.00E+00	6.62E-04	2.98E-09	8.69E-11	4.02E-03	7.32E-05	2.22E-03	7.13E-09	4.75E-05	1.09E-02	2.58E-01	0.00E+00	3.50E-10	4.52E-10	5.25E-05	1.36E-06	3.44E-02	0.00E+00	2.58E-01	6.30E-10	2.58E-01	2.92E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
NC350A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC350P	6.92E-05	3.02E-02	5.79E-03	2.50E-02	0.00E+00	0.00E+00	3.60E-01	3.42E-07	3.31E-05	2.05E-04	0.00E+00	6.08E-04	2.75E-09	8.05E-11	3.72E-03	6.62E-05	2.05E-03	2.71E-09	4.34E-05	1.03E-02	2.36E-01	0.00E+00	3.19E-10	4.13E-10	4.80E-05	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.81E-10	2.36E-01	2.68E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
NC363A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC363P	7.37E-05	3.32E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.81E-01	3.62E-07	3.51E-05	2.19E-04	0.00E+00	6.46E-04	2.91E-09	8.51E-11	3.93E-03	7.08E-05	2.17E-03	4.81E-09	4.62E-05	1.08E-02	2.51E-01	0.00E+00	3.40E-10	4.40E-10	5.11E-05	1.31E-06	3.35E-02	0.00E+00	2.51E-01	6.15E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
NC400A	3.52E-05	2.33E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.10E-01	1.95E-07	1.94E-05	1.03E-04	0.00E+00	3.35E-04	1.58E-09	4.82E-11	2.19E-03	3.02E-05	1.17E-03	2.23E-08	2.27E-05	7.33E-03	1.26E-01	0.00E+00	1.61E-10	2.14E-10	2.47E-05	5.03E-07	1.66E-02	0.00E+00	1.26E-01	3.31E-10	1.26E-01	1.42E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.14E-04
NC401A	3.52E-05	2.33E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.10E-01	1.95E-07	1.94E-05	1.03E-04	0.00E+00	3.35E-04	1.58E-09	4.82E-11	2.19E-03	3.02E-05	1.17E-03	2.23E-08	2.27E-05	7.33E-03	1.26E-01	0.00E+00	1.61E-10	2.14E-10	2.47E-05	5.03E-07	1.66E-02	0.00E+00	1.26E-01	3.31E-10	1.26E-01	1.42E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.14E-04
NC402A	1.96E-06	2.08E-02	7.47E-04	3.43E-03	0.00E+00	0.00E+00	5.55E-02	4.44E-08	5.18E-06	3.47E-06	0.00E+00	5.95E-05	3.75E-10	1.44E-11	6.14E-04	3.87E-06	2.69E-04	3.93E-08	2.25E-06	3.79E-03	1.58E-02	0.00E+00	7.21E-12	1.82E-11	1.87E-06	1.61E-07	1.91E-03	0.00E+00	1.58E-02	7.66E-11	1.58E-02	1.77E-02	1.91E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-06
NC403A	3.53E-05	2.61E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.10E-01	1.95E-07	1.94E-05	1.03E-04	0.00E+00	3.35E-04	1.58E-09	4.81E-11	2.19E-03	3.04E-05	1.17E-03	2.18E-08	2.27E-05	7.30E-03	1.26E-01	0.00E+00	1.61E-10	2.14E-10	2.48E-05	5.07E-07	1.67E-02	0.00E+00	1.26E-01	3.31E-10	1.26E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NC404A	3.53E-05	2.61E-03	3.29E-03	1.43E-02	0.00E+00	0.00E+00	2.10E-01	1.95E-07	1.94E-05	1.03E-04	0.00E+00	3.35E-04	1.58E-09	4.81E-11	2.19E-03	3.04E-05	1.17E-03	2.18E-08	2.27E-05	7.30E-03	1.26E-01	0.00E+00	1.61E-10	2.14E-10	2.48E-05	5.07E-07	1.67E-02	0.00E+00	1.26E-01	3.31E-10	1.26E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NC406A	2.48E-04	1.51E-01	1.96E-02	8.41E-02	0.00E+00	0.00E+00	1.20E+00	1.16E-06	1.10E-04	7.39E-04	0.00E+00	2.10E-03	9.27E-09	2.65E-10	1.23E-02	2.48E-04	6.93E-03	8.69E-08	1.54E-04	3.00E-02	8.28E-01	0.00E+00	1.15E-09	1.47E-09	1.71E-04	4.75E-06	1.11E-01	0.00E+00	8.28E-01	1.96E-09	8.28E-01	9.39E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.73E-03
NC410A	1.22E-04	6.46E-02	9.92E-03	4.27E-02	0.00E+00	0.00E+00	6.11E-01	5.85E-07	5.62E-05	3.63E-04	0.00E+00	1.05E-03	4.70E-09	1.36E-10	6.30E-03	1.20E-04	3.51E-03	2.53E-08	7.61E-05	1.63E-02	4.12E-01	0.00E+00	5.64E-10	7.26E-10	8.44E-05	2.25E-06	5.51E-02	0.00E+00	4.12E-01	9.94E-10	4.12E-01	4.67E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-03
NC413A	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
NC416A	7.14E-05	2.97E-02	6.01E-03	2.59E-02	0.00E+00	0.00E+00	3.74E-01	3.55E-07	3.44E-05	2.12E-04	0.00E+00	6.31E-04	2.86E-09	8.38E-11	3.87E-03	6.80E-05	2.13E-03	1.72E-10	4.49E-05	1.08E-02	2.44E-01	0.00E+00	3.29E-10	4.27E-10	4.95E-05	1.25E-06	3.26E-02	0.00E+00	2.44E-01	6.03E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
NC420A	9.86E-05	4.83E-02	8.11E-03	3.49E-02	0.00E+00	0.00E+00	5.01E-01	4.78E-07	4.61E-05	2.93E-04	0.00E+00	8.56E-04	3.85E-09	1.12E-10	5.17E-03	9.58E-05	2.87E-03	1.35E-08	6.16E-05	1.38E-02	3.34E-01	0.00E+00	4.55E-10	5.87E-10	6.82E-05	1.78E-06	4.46E-02	0.00E+00	3.34E-01	8.13E-10	3.34E-01	3.79E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
NC425A	1.58E-04	8.79E-02	1.27E-02	5.47E-02	0.00E+00	0.00E+00	7.82E-01	7.50E-07	7.19E-05	4.71E-04	0.00E+00	1.35E-03	6.02E-09	1.73E-10	8.05E-03	1.56E-04	4.50E-03	4.05E-08	9.83E-05	2.04E-02	5.32E-01	0.00E+00	7.30E-10	9.38E-10	1.09E-04	2.95E-06	7.11E-02	0.00E+00	5.32E-01	1.27E-09	5.32E-01	6.03E-01	7.11E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-03
NC425P	9.93E-05	4.71E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.09E-01	4.85E-07	4.68E-05	2.95E-04	0.00E+00	8.66E-04	3.90E-09	1.13E-10	5.25E-03	9.61E-05	2.91E-03	1.07E-08	6.22E-05	1.42E-02	3.38E-01	0.00E+00	4.58E-10	5.92E-10	6.88E-05	1.78E-06	4.51E-02	0.00E+00	3.38E-01	8.23E-10	3.38E-01	3.83E-01	4.51E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
NC432A	7.71E-05	3.05E-02	6.53E-03	2.82E-02	0.00E+00	0.00E+00	4.07E-01	3.86E-07	3.75E-05	2.28E-04	0.00E+00	6.84E-04	3.11E-09	9.14E-11	4.21E-03	7.29E-05	2.31E-03	2.69E-09	4.85E-05	1.20E-02	2.64E-01	0.00E+00	3.55E-10	4.61E-10	5.35E-05	1.33E-06	3.52E-02	0.00E+00	2.64E-01	6.55E-10	2.64E-01	3.00E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
NC440A	1.66E-03	1.13E+00	1.28E-01	5.47E-01	0.00E+00	0.00E+00	7.77E+00	7.53E-06	7.13E-04	4.96E-03	0.00E+00	1.38E-02	6.03E-08	1.70E-09	7.95E-02	1.70E-03	4.52E-02	8.09E-07	1.02E-03	1.80E-01	5.49E+00	0.00E+00	7.68E-09	9.78E-09	1.14E-03	3.29E-05	7.36E-01	0.00E+00	5.49E+00	1.28E-08	5.49E+00	6.22E+00	7.36E-01	0.00E+00	0.00E+00	0.00E+00	4.53E-02
NC440P	1.02E-04	4.86E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-07	4.83E-05	3.04E-04	0.00E+00	8.93E-04	4.02E-09	1.17E-10	5.41E-03	9.91E-05	3.00E-03	1.10E-08	6.41E-05	1.46E-02	3.48E-01	0.00E+00	4.72E-10	6.10E-10	7.09E-05	1.84E-06	4.65E-02	0.00E+00	3.48E-01	8.49E-10	3.48E-01	3.94E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
NC450A	1.17E-04	5.76E-02	9.66E-03	4.16E-02	0.00E+00	0.00E+00	5.98E-01	5.70E-07	5.50E-05	3.49E-04	0.00E+00	1.02E-03	4.58E-09	1.33E-10	6.16E-03	1.14E-04	3.42E-03	1.61E-08	7.34E-05	1.64E-02	3.98E-01	0.00E+00	5.42E-10	7.00E-10	8.13E-05	2.13E-06	5.32E-02	0.00E+00	3.98E-01	9.68E-10	3.98E-01	4.52E-01	5.32E-02	0.00E+00	0.00E+00	0.00E+00	3.16E-03
NC450P	9.97E-05	4.53E-02	8.30E-03	3.57E-02	0.00E+00	0.00E+00	5.15E-01	4.90E-07	4.74E-05	2.96E-04	0.00E+00	8.73E-04	3.94E-09	1.15E-10	5.31E-03	9.59E-05	2.94E-03	7.19E-09	6.25E-05	1.45E-02	3.40E-01	0.00E+00	4.60E-10	5.95E-10	6.91E-05	1.77E-06	4.53E-02	0.00E+00	3.40E-01	8.32E-10	3.40E-01	3.85E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
NC463A	6.76E-05	2.28E-02	5.84E-03	2.52E-02	0.00E+00	0.00E+00	3.66E-01	3.45E-07	3.37E-05	2.00E-04	0.00E+00	6.08E-04	2.78E-09	8.24E-11	3.79E-03	6.29E-05	2.07E-03	9.56E-09	4.28E-05	1.11E-02	2.34E-01	0.00E+00	3.11E-10	4.06E-10	4.71E-05	1.13E-06	3.11E-02	0.00E+00	2.34E-01	5.86E-10	2.34E-01	2.65E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NC463P	9.96E-05	4.50E-02	8.29E-03	3.57E-02	0.00E+00	0.00E+00	5.15E-01	4.90E-07	4.74E-05	2.96E-04	0.00E+00	8.73E-04	3.94E-09	1.15E-10	5.31E-03	9.58E-05	2.94E-03	6.73E-09	6.24E-05	1.46E-02	3.39E-01	0.00E+00	4.59E-10	5.94E-10	6.90E-05	1.77E-06	4.53E-02	0.00E+00	3.39E-01	8.32E-10	3.39E-01	3.85E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
NCN002	2.61E-06	3.76E-03	3.50E-04	1.56E-03	0.00E+00	0.00E+00	2.38E-02	2.07E-08	2.21E-06	7.20E-06	0.00E+00	3.24E-05	1.71E-10	5.76E-12	2.55E-04	1.20E-06	1.25E-04	8.80E-09	1.86E-06	1.18E-03	1.10E-02	0.00E+00	1.16E-11	1.70E-11	1.92E-06	1.84E-09	1.42E-03	0.00E+00	1.10E-02	3.55E-11	1.10E-02	1.24E-02	1.42E-03	0.00E+00	0.00E+00	0.00E+00	5.92E-05
NCN003	3.18E-06	3.32E-03	3.93E-04	1.74E-03	0.00E+00	0.00E+00	2.64E-02	2.33E-08	2.45E-06	8.93E-06	0.00E+00	3.72E-05	1.91E-10	6.32E-12	2.81E-04	1.80E-06	1.40E-04	8.44E-09	2.22E-06	1.23E-03	1.29E-02	0.00E+00	1.43E-11	2.04E-11	2.32E-06	1.37E-08	1.67E-03	0.00E+00	1.29E-02	3.98E-11	1.29E-02	1.45E-02	1.67E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NCN004	6.51E-06	1.01E-03	6.48E-04	2.83E-03	0.00E+00	0.00E+00	4.19E-02	3.83E-08	3.87E-06	1.89E-05	0.00E+00	6.47E-05	3.11E-10	9.71E-12	4.40E-04	5.21E-06	2.30E-04	6.73E-09	4.26E-06	1.59E-03	2.38E-02	0.00E+00	2.97E-11	4.00E-11	4.60E-06	8.01E-08	3.14E-03	0.00E+00	2.38E-02	6.53E-11	2.38E-02	2.70E-02	3.14E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NCN006	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04

NCN010	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN013	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN016	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN020	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN025	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN032	5.03E-06	2.24E-03	5.41E-04	2.37E-03	0.00E+00	0.00E+00	3.55E-02	3.20E-08	3.28E-06	1.45E-05	0.00E+00	5.29E-05	2.61E-10	8.33E-12	3.74E-04	3.64E-06	1.92E-04	7.87E-09	3.37E-06	1.46E-03	1.91E-02	0.00E+00	2.28E-11	3.14E-11	3.60E-06	4.88E-08	2.50E-03	0.00E+00	1.91E-02	5.46E-11	1.91E-02	2.16E-02	2.50E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-04
NCN040	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN050	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN063	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN100	8.98E-06	6.89E-04	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.35E-02	4.96E-08	4.93E-06	2.63E-05	0.00E+00	8.53E-05	4.01E-10	1.22E-11	5.58E-04	7.74E-06	2.98E-04	5.52E-09	5.79E-06	1.86E-03	3.20E-02	0.00E+00	4.11E-11	5.46E-11	6.31E-06	1.29E-07	4.24E-03	0.00E+00	3.20E-02	8.44E-11	3.20E-02	3.63E-02	4.24E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NCN100A	1.06E-05	1.82E-03	9.66E-04	4.19E-03	0.00E+00	0.00E+00	6.12E-02	5.71E-08	5.64E-06	3.12E-05	0.00E+00	9.90E-05	4.62E-10	1.39E-11	6.38E-04	9.43E-06	3.43E-04	4.72E-09	6.81E-06	2.04E-03	3.75E-02	0.00E+00	4.88E-11	6.44E-11	7.44E-06	1.62E-07	4.98E-03	0.00E+00	3.75E-02	9.71E-11	3.75E-02	4.25E-02	4.98E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
NCN100N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN101	8.44E-06	3.62E-04	7.95E-04	3.46E-03	0.00E+00	0.00E+00	5.08E-02	4.70E-08	4.69E-06	2.47E-05	0.00E+00	8.07E-05	3.81E-10	1.17E-11	5.31E-04	7.20E-06	2.82E-04	5.70E-09	5.45E-06	1.79E-03	3.02E-02	0.00E+00	3.86E-11	5.14E-11	5.93E-06	1.19E-07	4.00E-03	0.00E+00	3.02E-02	8.00E-11	3.02E-02	3.42E-02	4.00E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NCN101A	8.90E-06	6.78E-04	8.31E-04	3.61E-03	0.00E+00	0.00E+00	5.30E-02	4.91E-08	4.89E-06	2.61E-05	0.00E+00	8.45E-05	3.98E-10	1.21E-11	5.53E-04	7.67E-06	2.95E-04	5.48E-09	5.74E-06	1.84E-03	3.17E-02	0.00E+00	4.08E-11	5.41E-11	6.25E-06	1.28E-07	4.21E-03	0.00E+00	3.17E-02	8.36E-11	3.17E-02	3.59E-02	4.21E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NCN101N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN102	1.26E-05	3.19E-03	1.11E-03	4.82E-03	0.00E+00	0.00E+00	7.02E-02	6.58E-08	6.47E-06	3.70E-05	0.00E+00	1.15E-04	5.31E-10	1.59E-11	7.29E-04	1.14E-05	3.95E-04	3.69E-09	8.00E-06	2.24E-03	4.39E-02	0.00E+00	5.78E-11	7.58E-11	8.77E-06	2.01E-07	5.83E-03	0.00E+00	4.39E-02	1.12E-10	4.39E-02	4.97E-02	5.83E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
NCN102A	1.12E-05	2.24E-03	1.01E-03	4.37E-03	0.00E+00	0.00E+00	6.37E-02	5.95E-08	5.87E-06	3.29E-05	0.00E+00	1.03E-04	4.81E-10	1.45E-11	6.63E-04	1.00E-05	3.57E-04	4.36E-09	7.14E-06	2.09E-03	3.93E-02	0.00E+00	5.13E-11	6.76E-11	7.82E-06	1.73E-07	5.22E-03	0.00E+00	3.93E-02	1.01E-10	3.93E-02	4.45E-02	5.22E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NCN102N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN103	1.01E-05	1.55E-03	9.23E-04	4.01E-03	0.00E+00	0.00E+00	5.85E-02	5.45E-08	5.40E-06	2.97E-05	0.00E+00	9.45E-05	4.41E-10	1.33E-11	6.10E-04	8.92E-06	3.27E-04	4.81E-09	6.48E-06	1.96E-03	3.57E-02	0.00E+00	4.64E-11	6.12E-11	7.08E-06	1.52E-07	4.74E-03	0.00E+00	3.57E-02	9.28E-11	3.57E-02	4.05E-02	4.74E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NCN103A	1.04E-05	1.73E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.98E-02	5.57E-08	5.51E-06	3.05E-05	0.00E+00	9.66E-05	4.51E-10	1.36E-11	6.23E-04	9.19E-06	3.34E-04	4.68E-09	6.64E-06	1.99E-03	3.66E-02	0.00E+00	4.76E-11	6.28E-11	7.26E-06	1.58E-07	4.86E-03	0.00E+00	3.66E-02	9.48E-11	3.66E-02	4.14E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
NCN103N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN104	1.12E-05	2.24E-03	1.01E-03	4.37E-03	0.00E+00	0.00E+00	6.37E-02	5.95E-08	5.87E-06	3.29E-05	0.00E+00	1.03E-04	4.81E-10	1.45E-11	6.63E-04	1.00E-05	3.57E-04	4.36E-09	7.14E-06	2.09E-03	3.93E-02	0.00E+00	5.13E-11	6.76E-11	7.82E-06	1.73E-07	5.22E-03	0.00E+00	3.93E-02	1.01E-10	3.93E-02	4.45E-02	5.22E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NCN104A	8.44E-06	3.62E-04	7.95E-04	3.46E-03	0.00E+00	0.00E+00	5.08E-02	4.70E-08	4.69E-06	2.47E-05	0.00E+00	8.07E-05	3.81E-10	1.17E-11	5.31E-04	7.20E-06	2.82E-04	5.70E-09	5.45E-06	1.79E-03	3.02E-02	0.00E+00	3.86E-11	5.14E-11	5.93E-06	1.19E-07	4.00E-03	0.00E+00	3.02E-02	8.00E-11	3.02E-02	3.42E-02	4.00E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NCN104N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN106	1.05E-05	2.02E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.97E-02	5.57E-08	5.50E-06	3.07E-05	0.00E+00	9.69E-05	4.51E-10	1.36E-11	6.21E-04	9.33E-06	3.35E-04	4.22E-09	6.68E-06	1.96E-03	3.68E-02	0.00E+00	4.80E-11	6.32E-11	7.31E-06	1.61E-07	4.88E-03	0.00E+00	3.68E-02	9.48E-11	3.68E-02	4.17E-02	4.88E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
NCN106A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN106N	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NCN106P	5.38E-05	3.20E-02	4.27E-03	1.83E-02	0.00E+00	0.00E+00	2.62E-01	2.52E-07	2.41E-05	1.60E-04	0.00E+00	4.56E-04	2.02E-09	5.78E-11	2.69E-03	5.37E-05	1.51E-03	1.77E-08	3.33E-05	6.61E-03	1.80E-01	0.00E+00	2.49E-10	3.19E-10	3.71E-05	1.02E-06	2.41E-02	0.00E+00	1.80E-01	4.28E-10	1.80E-01	2.04E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NCN108A	2.35E-05	1.12E-02	1.94E-03	8.36E-03	0.00E+00	0.00E+00	1.20E-01	1.15E-07	1.11E-05	6.98E-05	0.00E+00	2.05E-04	9.22E-10	2.68E-11	1.24E-03	2.28E-05	6.87E-04	2.66E-09	1.47E-05	3.34E-03	7.99E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.23E-07	1.07E-02	0.00E+00	7.99E-02	1.95E-10	7.99E-02	9.05E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04
NCN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN110A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN110N	6.32E-05	3.83E-02	5.01E-03	2.15E-02	0.00E+00	0.00E+00	3.07E-01	2.95E-07	2.82E-05	1.89E-04	0.00E+00	5.35E-04	2.37E-09	6.76E-11	3.15E-03	6.34E-05	1.77E-03	2.19E-08	3.92E-05	7.68E-03	2.11E-01	0.00E+00	2.92E-10	3.74E-10	4.36E-05	1.21E-06	2.83E-02	0.00E+00	2.11E-01	5.01E-10	2.11E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
NCN110P	3.33E-05	1.81E-02	2.70E-03	1.16E-02	0.00E+00	0.00E+00	1.66E-01	1.59E-07	1.53E-05	9.93E-05	0.00E+00	2.86E-04	1.28E-09	3.68E-11	1.71E-03	3.29E-05	9.54E-04	7.71E-09	2.08E-05	4.39E-03	1.12E-01	0.00E+00	1.54E-10	1.98E-10	2.30E-05	6.19E-07	1.50E-02	0.00E+00	1.12E-01	2.70E-10	1.12E-01	1.27E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	9.01E-04
NCN113	2.13E-05	9.59E-03	1.77E-03	7.63E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.41E-10	2.46E-11	1.13E-03	2.04E-05	6.27E-04	1.40E-09	1.33E-05	3.11E-03	7.25E-02	0.00E+00	9.81E-11	1.27E-10	1.47E-05	3.78E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.21E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
NCN113A	2.25E-05	1.04E-02	1.86E-03	8.03E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.67E-05	0.00E+00	1.96E-04	8.84E-10	2.58E-11	1.19E-03	2.17E-05	6.59E-04	1.98E-09	1.41E-05	3.24E-03	7.64E-02	0.00E+00	1.04E-10	1.34E-10	1.56E-05	4.01E-07	1.02E-02	0.00E+00	7.64E-02	1.87E-10	7.64E-02	8.66E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-04
NCN116	2.10E-05	9.41E-03	1.75E-03	7.55E-03	0.00E+00	0.00E+00	1.09E-01	1.03E-07	1.00E-05	6.23E-05	0.00E+00	1.84E-04	8.32E-10	2.43E-11	1.12E-03	2.02E-05	6.20E-04	1.27E-09	1.32E-05	3.08E-03	7.16E-02	0.00E+00	9.68E-11	1.25E-10	1.46E-05	3.72E-07	9.55E-03	0.00E+00	7.16E-02	1.76E-10	7.16E-02	8.11E-02	9.55E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
NCN116A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN116N	6.94E-05	3.08E-02	5.79E-03	2.50E-02	0.00E+00	0.00E+00	3.60E-01	3.42E-07	3.31E-05	2.06E-04	0.00E+00	6.08E-04	2.75E-09	8.04E-11	3.72E-03	6.66E-05	2.05E-03	0.00E+00	4.33E-05	1.02E-02	2.37E-01	0.00E+00	3.20E-10	4.14E-10	4.81E-05	1.23E-06	3.16E-02	0.00E+00	2.37E-01	5.81E-10	2.37E-01	2.68E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
NCN116P	3.82E-05	2.13E-02	3.07E-03	1.32E-02	0.00E+00	0.00E+00	1.89E-01	1.81E-07	1.74E-05	1.14E-04	0.00E+00	3.27E-04	1.46E-09	4.19E-11	1.94E-03	3.78E-05	1.09E-03	9.92E-09	2.38E-05	4.93E-03	1.28E-01	0.00E+00	1.77E-10	2.27E-10	2.64E-05	7.15E-07	1.72E-02	0.00E+00	1.28E-01	3.08E-10	1.28E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NCN120	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
NCN120A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN120N	5.33E-05	3.13E-02	4.24E-03	1.82E-02	0.00E+00	0.00E+00	2.60E-01	2.50E-07	2.39E-05	1.59E-04	0.00E+00	4.53E-04	2.01E-09	5.75E-11	2.67E-03	5.31E-05	1.50E-03	1.68E-08	3.31E-05	6.61E-03	1.78E-01	0.00E+00	2.46E-10	3.16E-10	3.68E-05	1.01E-06	2.39E-02	0.00E+00	1.78E-01	4.25E-10	1.78E-01	2.02E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
NCN120P	3.54E-05	1.92E-02	2.86E-03	1.23E-02	0.00E+00	0.00E+00	1.76E-01	1.69E-07	1.62E-05	1.05E-04	0.00E+00	3.04E-04	1.36E-09	3.91E-11	1.81E-03	3.49E-05	1.01E-03	8.21E-09	2.20E-05	4.65E-03	1.19E-01	0.00E+00	1.63E-10	2.10E-10	2.45E-05	6.57E-07	1.59E-02	0.00E+00	1.19E-01	2.87E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.57E-04
NCN125	2.70E-05	1.33E-02	2.22E-03	9.54E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	8.02E-05	0.00E+00	2.34E-04	1.05E-09	3.05E-11	1.41E-03	2.62E-05	7.85E-04	3.85E-09	1.69E-05	3.76E-03	9.15E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.89E-07	1.22E-02	0.00E+00	9.15E-02	2.22E-10	9.15E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
NCN125A	2.29E-05	1.06E-02	1.91E-03	8.21E-03	0.00E+00	0.00E+00	1.18E-01	1.13E-07	1.09E-05	6.81E-05	0.00E+00	2.01E-04	9.05E-10	2.64E-11	1.22E-03	2.21E-05	6.75E-04	1.88E-09	1.44E-05	3.32E-03	7.81E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.09E-07	1.04E-02	0.00E+00	7.81E-02	1.91E-10	7.81E-02	8.86E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NCN125N	7.99E-06	1.96E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.47E-06	2.33E-05	0.00E+00	7.67E-05	3.63E-10	1.11E-11	5.06E-04	6.78E-06	2.69E-04	5.67E-09	5.17E-06	1.72E-03	2.87E-02	0.00E+00	3.66E-11	4.87E-11	5.62E-06	1.11E-07	3.80E-03	0.00E+00	2.87E-02	7.62E-11	2.87E-02	3.25E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04
NCN125P	3.74E-05	2.06E-02	3.02E-03	1.30E-02	0.00E+00	0.00E+00	1.86E-01	1.78E-07	1.71E-05	1.11E-04	0.00E+00	3.21E-04	1.43E-09	4.11E-11	1.91E-03	3.69E-05	1.07E-03	9.19E-09	2.33E-05	4.87E-03	1.26E-01	0.00E+00	1.73E-10	2.22E-10	2.58E-05	6.98E-07	1.68E-02	0.00E+00	1.26E-01	3.02E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NCN132	9.48E-06	9.35E-04	8.79E-04	3.82E-03	0.00E+00	0.00E+00	5.60E-02	5.20E-08	5.16E-06	2.78E-05	0.00E+00	8.96E-05	4.21E-10	1.28E-11	5.84E-04	8.23E-06	3.12E-04	5.45E-09	6.10E-06	1.92E-03	3.37E-02	0.00E+00	4.34E-11	5.76E-11	6.65E-06	1.38E-07	4.47E-03	0.00E+00	3.37E-02	8.85E-11	3.37E-02	3.82E-02	4.47E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NCN132A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN132N	2.01E-05	8.16E-03	1.69E-03	7.31E-03	0.00E+00	0.00E+00	1.06E-01	1.00E-07	9.71E-06	5.94E-05	0.00E+00	1.77E-04	8.05E-10	2.37E-11	1.09E-03	1.90E-05	6.00E-04	2.85E-10	1.26E-05	3.08E-03	6.87E-02	0.00E+00	9.24E-11	1.20E-10	1.39E-05	3.48E-07	9.16E-03	0.00E+00	6.87E-02	1.70E-10	6.87E-02	7.79E-02	9.16E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-04
NCN132P	4.49E-05	2.54E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.21E-01	2.13E-07	2.04E-05	1.34E-04	0.00E+00	3.84E-04	1.71E-09	4.90E-11	2.28E-03	4.45E-05	1.27E-03	1.24E-08	2.79E-05	5.73E-03	1.51E-01	0.00E+00	2.08E-10	2.66E-10	3.10E-05	8.44E-07	2.02E-02	0.00E+00	1.51E-01	3.61E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN140	7.79E-06	3.10E-04	7.52E-04	3.28E-03	0.00E+00	0.00E+00	4.83E-02	4.45E-08	4.46E-06	2.27E-05	0.00E+00	7.58E-05	3.61E-10	1.11E-11	5.06E-04	6.48E-06	2.67E-04	6.44E-09	5.07E-06	1.76E-03	2.82E-02	0.00E+00	3.56E-11	4.77E-11	5.49E-06	1.04E-07	3.72E-03	0.00E+00	2.82E-02	7.57E-11	2.82E-02	3.19E-02	3.72E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
NCN140A	2.29E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NCN140N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NCN140P	4.49E-05	2.54E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.21E-01	2.12E-07	2.03E-05	1.34E-04	0.00E+00	3.83E-04	1.70E-09	4.90E-11	2.27E-03	4.45E-05	1.27E-03	1.23E-08	2.79E-05	5.73E-03	1.51E-01	0.00E+00	2.07E-10	2.66E-10	3.10E-05	8.43E-07	2.02E-02	0.00E+00	1.51E-01	3.61E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN150	3.02E-05	1.53E-02	2.47E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.46E-07	1.41E-05	8.99E-05	0.00E+00	2.62E-04	1.17E-09	3.40E-11	1.57E-03	2.95E-05	8.75E-04	5.02E-09	1.89E-05	4.15E-03	1.02E-01	0.00E+00	1.40E-10	1.80E-10	2.09E-05	5.52E-07	1.37E-02	0.00E+00	1.02E-01	2.48E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.15E-04
NCN150A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN150N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NCN150P	4.18E-05	2.32E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.07E-01	1.99E-07	1.90E-05	1.25E-04	0.00E+00	3.58E-04	1.60E-09	4.59E-11	2.13E-03	4.14E-05	1.19E-03	1.07E-08	2.60E-05	5.42E-03	1.41E-01	0.00E+00	1.93E-10	2.48E-10	2.89E-05	7.82E-07	1.88E-02	0.00E+00	1.41E-01	3.37E-10	1.41E-01	1.60E-01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
NCN163	3.24E-05	1.68E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.63E-01	1.56E-07	1.50E-05	9.64E-05	0.00E+00	2.80E-04	1.25E-09	3.62E-11	1.68E-03	3.17E-05	9.35E-04	6.09E-09	2.02E-05	4.39E-03	1.10E-01	0.00E+00	1.50E-10	1.93E-10	2.24E-05	5.95E-07	1.46E-02	0.00E+00	1.10E-01	2.65E-10	1.10E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.74E-04
NCN163A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN163N	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
NCN163P	4.61E-05	2.61E-02	3.69E-03	1.59E-02	0.00E+00	0.00E+00	2.27E-01	2.18E-07	2.09E-05	1.37E-04	0.00E+00	3.93E-04	1.75E-09	5.02E-11	2.33E-03	4.57E-05	1.31E-03	1.27E-08	2.86E-05	5.88E-03	1.55E-01	0.00E+00	2.13E-10	2.73E-10	3.18E-05	8.66E-07	2.07E-02	0.00E+00	1.55E-01	3.70E-10	1.55E-01	1.75E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
NCN200	1.98E-05	2.68E-03	1.82E-03	7.89E-03	0.00E+00	0.00E+00	1.15E-01	1.07E-07	1.06E-05	5.81E-05	0.00E+00	1.86E-04	8.69E-10	2.64E-11	1.20E-03	1.74E-05	6.45E-04	1.01E-08	1.27E-05	3.90E-03	7.01E-02	0.00E+00	9.08E-11	1.20E-10	1.39E-05	2.95E-07	9.30E-03	0.00E+00	7.01E-02	1.83E-10	7.01E-02	7.94E-02	9.30E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
NCN200A	1.98E-05	2.68E-03	1.82E-03	7.89E-03	0.00E+00	0.00E+00	1.15E-01	1.07E-07	1.06E-05	5.81E-05	0.00E+00	1.86E-04	8.69E-10	2.64E-11	1.20E-03	1.74E-05	6.45E-04	1.01E-08	1.27E-05	3.90E-03	7.01E-02	0.00E+00	9.08E-11	1.20E-10	1.39E-05	2.95E-07	9.30E-03	0.00E+00	7.01E-02	1.83E-10	7.01E-02	7.94E-02	9.30E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
NCN200N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN201	2.77E-06	1.27E-02	7.57E-05	4.38E-04	0.00E+00	0.00E+00	9.52E-03	4.66E-09	9.13E-07	9.45E-06	0.00E+00	2.07E-06	4.66E-11	3.15E-12	1.19E-04	5.69E-06	2.90E-05	2.09E-08	1.20E-06	1.43E-03	4.64E-03	0.00E+00	1.37E-11	1.31E-11	1.65E-06	1.52E-07	7.23E-04	0.00E+00	4.64E-03	8.50E-12	4.64E-03	5.36E-03	7.23E-04	0.00E+00	0.00E+00	0.00E+00	9.91E-05
NCN201A	2.29E-05	4.92E-03	2.06E-03	8.92E-03	0.00E+00	0.00E+00	1.30E-01	1.22E-07	1.20E-05	6.75E-05	0.00E+00	2.12E-04	9.82E-10	2.95E-11	1.35E-03	2.06E-05	7.29E-04	8.36E-09	1.46E-05	4.23E-03	8.05E-02	0.00E+00	1.05E-10	1.39E-10	1.60E-05	3.58E-07	1.07E-02	0.00E+00	8.05E-02	2.07E-10	8.05E-02	9.12E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-04
NCN201N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN201P	1.08E-04	6.38E-02	8.55E-03	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.05E-07	4.82E-05	3.21E-04	0.00E+00	9.13E-04	4.05E-09	1.16E-10	5.39E-03	1.07E-04	3.03E-03	3.47E-08	6.67E-05	1.33E-02	3.60E-01	0.00E+00	4.98E-10	6.38E-10	7.42E-05	2.05E-06	4.82E-02	0.00E+00	3.60E-01	8.57E-10	3.60E-01	4.09E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	2.92E-03
NCN202	2.02E-05	3.04E-03	1.85E-03	8.01E-03	0.00E+00	0.00E+00	1.17E-01	1.09E-07	1.08E-05	5.93E-05	0.00E+00	1.89E-04	8.82E-10	2.67E-11	1.22E-03	1.78E-05	6.55E-04	9.70E-09	1.29E-05	3.93E-03	7.14E-02	0.00E+00	9.26E-11	1.22E-10	1.41E-05	3.04E-07	9.47E-03	0.00E+00	7.14E-02	1.86E-10	7.14E-02	8.09E-02	9.47E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-04
NCN202A	1.74E-05	1.14E-03	1.63E-03	7.10E-03	0.00E+00	0.00E+00	1.04E-01	9.64E-08	9.60E-06	5.10E-05	0.00E+00	1.66E-04	7.81E-10	2.39E-11	1.09E-03	1.50E-05	5.79E-04	1.11E-08	1.12E-05	3.63E-03	6.22E-02	0.00E+00	7.98E-11	1.06E-10	1.22E-05	2.49E-07	8.24E-03	0.00E+00	6.22E-02	1.64E-10	6.22E-02	7.04E-02	8.24E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04
NCN202N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN203	2.65E-05	7.43E-03	2.33E-03	1.01E-02	0.00E+00	0.00E+00	1.46E-01	1.37E-07	1.35E-05	7.81E-05	0.00E+00	2.41E-04	1.11E-09	3.31E-11	1.52E-03	2.43E-05	8.25E-04	6.47E-09	1.68E-05	4.60E-03	9.22E-02	0.00E+00	1.22E-10	1.59E-10	1.85E-05	4.30E-07	1.23E-02	0.00E+00	9.22E-02	2.34E-10	9.22E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
NCN203A	2.13E-05	3.90E-03	1.93E-03	8.37E-03	0.00E+00	0.00E+00	1.22E-01	1.14E-07	1.13E-05	6.27E-05	0.00E+00	1.98E-04	9.22E-10	2.78E-11	1.27E-03	1.90E-05	6.84E-04	8.99E-09	1.36E-05	4.04E-03	7.51E-02	0.00E+00	9.79E-11	1.29E-10	1.49E-05	3.27E-07	9.97E-03	0.00E+00	7.51E-02	1.94E-10	7.51E-02	8.50E-02	9.97E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
NCN203N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN204	1.69E-05	8.39E-04	1.59E-03	6.92E-03	0.00E+00	0.00E+00	1.02E-01	9.40E-08	9.37E-06	4.94E-05	0.00E+00	1.61E-04	7.62E-10	2.33E-11	1.06E-03	1.45E-05	5.65E-04	1.12E-08	1.09E-05	3.57E-03	6.05E-02	0.00E+00	7.74E-11	1.03E-10	1.19E-05	2.39E-07	8.01E-03	0.00E+00	6.05E-02	1.60E-10	6.05E-02	6.85E-02	8.01E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-04
NCN204A	1.53E-05	2.90E-04	1.46E-03	6.38E-03	0.00E+00	0.00E+00	9.39E-02	8.65E-08	8.66E-06	4.45E-05	0.00E+00	1.48E-04	7.02E-10	2.16E-11	9.82E-04	1.28E-05	5.20E-04	1.20E-08	9.90E-06	3.39E-03	5.50E-02	0.00E+00	6.98E-11	9.32E-11	1.07E-05	2.06E-07	7.28E-03	0.00E+00	5.50E-02	1.47E-10	5.50E-02	6.23E-02	7.28E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-04
NCN204N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN204P	1.02E-04	6.02E-02	8.15E-03	3.50E-02	0.00E+00	0.00E+00	5.00E-01	4.81E-07	4.60E-05	3.05E-04	0.00E+00	8.70E-04	3.86E-09	1.10E-10	5.13E-03	1.02E-04	2.88E-03	3.22E-08	6.35E-05	1.27E-02	3.43E-01	0.00E+00	4.73E-10	6.07E-10	7.06E-05	1.94E-06	4.59E-02	0.00E+00	3.43E-01	8.16E-10	3.43E-01	3.89E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	2.78E-03
NCN206	2.21E-05	4.92E-03	1.97E-03	8.55E-03	0.00E+00	0.00E+00	1.25E-01	1.17E-07	1.15E-05	6.49E-05	0.00E+00	2.03E-04	9.42E-10	2.83E-11	1.30E-03	1.99E-05	7.00E-04	7.70E-09	1.41E-05	4.04E-03	7.73E-02	0.00E+00	1.01E-10	1.33E-10	1.54E-05	3.47E-07	1.03E-02	0.00E+00	7.73E-02	1.98E-10	7.73E-02	8.76E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	5.81E-04
NCN206A	2.76E-05	8.67E-03	2.40E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.41E-07	1.38E-05	8.14E-05	0.00E+00	2.49E-04	1.14E-09	3.39E-11	1.56E-03	2.55E-05	8.49E-04	5.02E-09	1.75E-05	4.64E-03	9.55E-02	0.00E+00	1.27E-10	1.66E-10	1.92E-05	4.55E-07	1.27E-02	0.00E+00	9.55E-02	2.41E-10	9.55E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-04
NCN206N	1.80E-05	7.39E-03	1.52E-03	6.54E-03	0.00E+00	0.00E+00	9.44E-02	8.95E-08	8.69E-06	5.33E-05	0.00E+00	1.59E-04	7.21E-10	2.12E-11	9.76E-04	1.71E-05	5.37E-04	1.25E-10	1.13E-05	2.74E-03	6.16E-02	0.00E+00	8.28E-11	1.07E-10	1.25E-05	3.13E-07	8.21E-03	0.00E+00	6.16E-02	1.52E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
NCN206P	9.40E-05	5.48E-02	7.50E-03	3.22E-02	0.00E+00	0.00E+00	4.60E-01	4.42E-07	4.23E-05	2.80E-04	0.00E+00	8.00E-04	3.55E-09	1.02E-10	4.73E-03	9.37E-05	2.65E-03	2.88E-08	5.84E-05	1.17E-02	3.15E-01	0.00E+00	4.35E-10	5.57E-10	6.49E-05	1.78E-06	4.22E-02	0.00E+00	3.15E-01	7.51E-10	3.15E-01	3.57E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
NCN210	5.31E-05	2.66E-02	4.35E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.57E-07	2.47E-05	1.58E-04	0.00E+00	4.60E-04	2.06E-09	5.98E-11	2.77E-03	5.17E-05	1.54E-03	8.37E-09	3.32E-05	7.33E-03	1.80E-01	0.00E+00	2.45E-10	3.16E-10	3.67E-05	9.67E-07	2.40E-02	0.00E+00	1.80E-01	4.36E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03

NCN210A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN210N	1.63E-05	1.69E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.88E-06	4.79E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.00E-03	1.42E-05	5.37E-04	9.24E-09	1.05E-05	3.30E-03	5.81E-02	0.00E+00	7.48E-11	9.92E-11	1.15E-05	2.39E-07	7.70E-03	0.00E+00	5.81E-02	1.52E-10	5.81E-02	6.58E-02	7.70E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
NCN210P	6.10E-05	3.22E-02	4.95E-03	2.13E-02	0.00E+00	0.00E+00	3.05E-01	2.92E-07	2.81E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.78E-11	3.14E-03	5.99E-05	1.75E-03	1.26E-08	3.80E-05	8.15E-03	2.06E-01	0.00E+00	2.82E-10	3.62E-10	4.22E-05	1.13E-06	2.75E-02	0.00E+00	2.06E-01	4.96E-10	2.06E-01	2.33E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
NCN213	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NCN216	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NCN216A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN216N	1.63E-05	1.52E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.89E-06	4.77E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.01E-03	1.41E-05	5.37E-04	9.52E-09	1.05E-05	3.32E-03	5.80E-02	0.00E+00	7.46E-11	9.89E-11	1.14E-05	2.37E-07	7.68E-03	0.00E+00	5.80E-02	1.52E-10	5.80E-02	6.56E-02	7.68E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
NCN216P	5.58E-05	2.85E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.81E-01	2.69E-07	2.59E-05	1.66E-04	0.00E+00	4.82E-04	2.16E-09	6.26E-11	2.90E-03	5.45E-05	1.61E-03	9.77E-09	3.48E-05	7.62E-03	1.89E-01	0.00E+00	2.58E-10	3.32E-10	3.86E-05	1.02E-06	2.52E-02	0.00E+00	1.89E-01	4.57E-10	1.89E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
NCN220	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NCN220A	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NCN220N	1.63E-05	1.40E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.76E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.70E-09	1.05E-05	3.33E-03	5.79E-02	0.00E+00	7.44E-11	9.88E-11	1.14E-05	2.35E-07	7.67E-03	0.00E+00	5.79E-02	1.52E-10	5.79E-02	6.56E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
NCN220P	7.83E-05	4.37E-02	6.29E-03	2.70E-02	0.00E+00	0.00E+00	3.87E-01	3.71E-07	3.56E-05	2.33E-04	0.00E+00	6.70E-04	2.98E-09	8.57E-11	3.98E-03	7.75E-05	2.23E-03	2.05E-08	4.87E-05	1.01E-02	2.63E-01	0.00E+00	3.62E-10	4.65E-10	5.41E-05	1.47E-06	3.52E-02	0.00E+00	2.63E-01	6.30E-10	2.63E-01	2.98E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
NCN225	4.54E-05	2.08E-02	3.77E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.35E-04	0.00E+00	3.97E-04	1.79E-09	5.22E-11	2.41E-03	4.37E-05	1.33E-03	3.58E-09	2.84E-05	6.58E-03	1.54E-01	0.00E+00	2.09E-10	2.71E-10	3.14E-05	8.08E-07	2.06E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN225A	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NCN225N	1.60E-05	4.26E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.13E-08	1.03E-05	3.43E-03	5.73E-02	0.00E+00	7.31E-11	9.73E-11	1.12E-05	2.23E-07	7.58E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.58E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
NCN225P	6.52E-05	3.46E-02	5.29E-03	2.28E-02	0.00E+00	0.00E+00	3.26E-01	3.12E-07	3.00E-05	1.94E-04	0.00E+00	5.61E-04	2.51E-09	7.24E-11	3.36E-03	6.40E-05	1.87E-03	1.37E-08	4.06E-05	8.70E-03	2.20E-01	0.00E+00	3.01E-10	3.88E-10	4.51E-05	1.20E-06	2.94E-02	0.00E+00	2.20E-01	5.30E-10	2.20E-01	2.49E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
NCN232	2.41E-05	5.45E-03	2.16E-03	9.35E-03	0.00E+00	0.00E+00	1.36E-01	1.27E-07	1.25E-05	7.10E-05	0.00E+00	2.22E-04	1.03E-09	3.09E-11	1.42E-03	2.18E-05	7.64E-04	8.29E-09	1.54E-05	4.40E-03	8.45E-02	0.00E+00	1.11E-10	1.46E-10	1.69E-05	3.80E-07	1.12E-02	0.00E+00	8.45E-02	2.17E-10	8.45E-02	9.58E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
NCN232A	1.95E-05	2.31E-03	1.80E-03	7.83E-03	0.00E+00	0.00E+00	1.15E-01	1.06E-07	1.06E-05	5.73E-05	0.00E+00	1.84E-04	8.62E-10	2.62E-11	1.20E-03	1.71E-05	6.39E-04	1.05E-08	1.26E-05	3.90E-03	6.93E-02	0.00E+00	8.96E-11	1.19E-10	1.37E-05	2.88E-07	9.19E-03	0.00E+00	6.93E-02	1.81E-10	6.93E-02	7.85E-02	9.19E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-04
NCN232N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NCN232P	4.15E-05	1.73E-02	3.49E-03	1.51E-02	0.00E+00	0.00E+00	2.17E-01	2.06E-07	2.00E-05	1.23E-04	0.00E+00	3.66E-04	1.66E-09	4.87E-11	2.25E-03	3.95E-05	1.24E-03	9.18E-11	2.61E-05	6.30E-03	1.42E-01	0.00E+00	1.91E-10	2.48E-10	2.88E-05	7.23E-07	1.89E-02	0.00E+00	1.42E-01	3.50E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
NCN240	2.28E-05	4.34E-03	2.06E-03	8.92E-03	0.00E+00	0.00E+00	1.30E-01	1.21E-07	1.20E-05	6.69E-05	0.00E+00	2.11E-04	9.82E-10	2.96E-11	1.35E-03	2.03E-05	7.29E-04	9.28E-09	1.46E-05	4.29E-03	8.01E-02	0.00E+00	1.05E-10	1.38E-10	1.59E-05	3.51E-07	1.06E-02	0.00E+00	8.01E-02	2.07E-10	8.01E-02	9.08E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04
NCN240A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN240N	1.51E-04	6.71E-02	1.26E-02	5.45E-02	0.00E+00	0.00E+00	7.85E-01	7.46E-07	7.22E-05	4.49E-04	0.00E+00	1.33E-03	6.00E-09	1.75E-10	8.11E-03	1.45E-04	4.48E-03	0.00E+00	9.45E-05	2.23E-02	5.16E-01	0.00E+00	6.98E-10	9.04E-10	1.05E-04	2.68E-06	6.89E-02	0.00E+00	5.16E-01	1.27E-09	5.16E-01	5.85E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NCN240P	1.04E-04	6.08E-02	8.30E-03	3.56E-02	0.00E+00	0.00E+00	5.09E-01	4.90E-07	4.68E-05	3.10E-04	0.00E+00	8.85E-04	3.93E-09	1.13E-10	5.23E-03	1.04E-04	2.94E-03	3.20E-08	6.46E-05	1.30E-02	3.49E-01	0.00E+00	4.81E-10	6.17E-10	7.18E-05	1.97E-06	4.67E-02	0.00E+00	3.49E-01	8.31E-10	3.49E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
NCN250	1.78E-05	8.37E-04	1.67E-03	7.29E-03	0.00E+00	0.00E+00	1.07E-01	9.90E-08	9.87E-06	5.20E-05	0.00E+00	1.70E-04	8.02E-10	2.45E-11	1.12E-03	1.52E-05	5.94E-04	1.19E-08	1.15E-05	3.76E-03	6.36E-02	0.00E+00	8.14E-11	1.08E-10	1.25E-05	2.51E-07	8.43E-03	0.00E+00	6.36E-02	1.68E-10	6.36E-02	7.21E-02	8.43E-03	0.00E+00	0.00E+00	0.00E+00	4.62E-04
NCN250A	1.89E-05	1.58E-03	1.76E-03	7.65E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.53E-05	0.00E+00	1.79E-04	8.42E-10	2.57E-11	1.17E-03	1.63E-05	6.24E-04	1.14E-08	1.22E-05	3.88E-03	6.73E-02	0.00E+00	8.65E-11	1.15E-10	1.32E-05	2.73E-07	8.91E-03	0.00E+00	6.73E-02	1.77E-10	6.73E-02	7.62E-02	8.91E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04
NCN250N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NCN250P	9.53E-05	5.46E-02	7.63E-03	3.28E-02	0.00E+00	0.00E+00	4.69E-01	4.50E-07	4.31E-05	2.84E-04	0.00E+00	8.13E-04	3.61E-09	1.04E-10	4.82E-03	9.47E-05	2.70E-03	2.74E-08	5.92E-05	1.21E-02	3.20E-01	0.00E+00	4.41E-10	5.66E-10	6.58E-05	1.80E-06	4.28E-02	0.00E+00	3.20E-01	7.64E-10	3.20E-01	3.63E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
NCN263	2.11E-05	3.04E-03	1.93E-03	8.38E-03	0.00E+00	0.00E+00	1.22E-01	1.14E-07	1.13E-05	6.18E-05	0.00E+00	1.97E-04	9.22E-10	2.79E-11	1.28E-03	1.85E-05	6.84E-04	1.04E-08	1.35E-05	4.12E-03	7.46E-02	0.00E+00	9.66E-11	1.28E-10	1.48E-05	3.16E-07	9.89E-03	0.00E+00	7.46E-02	1.94E-10	7.46E-02	8.44E-02	9.89E-03	0.00E+00	0.00E+00	0.00E+00	5.51E-04
NCN263A	2.00E-05	2.29E-03	1.85E-03	8.02E-03	0.00E+00	0.00E+00	1.17E-01	1.09E-07	1.08E-05	5.86E-05	0.00E+00	1.88E-04	8.83E-10	2.68E-11	1.22E-03	1.74E-05	6.55E-04	1.09E-08	1.28E-05	4.01E-03	7.09E-02	0.00E+00	9.16E-11	1.21E-10	1.40E-05	2.94E-07	9.40E-03	0.00E+00	7.09E-02	1.86E-10	7.09E-02	8.03E-02	9.40E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04
NCN263N	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
NCN263P	1.02E-04	5.90E-02	8.12E-03	3.49E-02	0.00E+00	0.00E+00	4.99E-01	4.79E-07	4.58E-05	3.03E-04	0.00E+00	8.66E-04	3.85E-09	1.10E-10	5.12E-03	1.01E-04	2.87E-03	3.05E-08	6.32E-05	1.28E-02	3.41E-01	0.00E+00	4.70E-10	6.03E-10	7.02E-05	1.92E-06	4.57E-02	0.00E+00	3.41E-01	8.14E-10	3.41E-01	3.87E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
NCN300	3.26E-05	5.99E-03	2.95E-03	1.28E-02	0.00E+00	0.00E+00	1.87E-01	1.74E-07	1.72E-05	9.59E-05	0.00E+00	3.03E-04	1.41E-09	4.25E-11	1.95E-03	2.90E-05	1.05E-03	1.37E-08	2.09E-05	6.18E-03	1.15E-01	0.00E+00	1.50E-10	1.97E-10	2.28E-05	5.01E-07	1.52E-02	0.00E+00	1.15E-01	2.97E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.56E-04
NCN300N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN301	3.03E-05	4.47E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.88E-05	0.00E+00	2.83E-04	1.32E-09	4.01E-11	1.83E-03	2.67E-05	9.82E-04	1.47E-08	1.94E-05	5.91E-03	1.07E-01	0.00E+00	1.39E-10	1.83E-10	2.12E-05	4.55E-07	1.42E-02	0.00E+00	1.07E-01	2.78E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	7.92E-04
NCN301A	2.97E-05	4.09E-03	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.73E-01	1.61E-07	1.60E-05	8.72E-05	0.00E+00	2.79E-04	1.30E-09	3.95E-11	1.80E-03	2.61E-05	9.67E-04	1.50E-08	1.91E-05	5.85E-03	1.05E-01	0.00E+00	1.36E-10	1.80E-10	2.08E-05	4.44E-07	1.40E-02	0.00E+00	1.05E-01	2.74E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	7.77E-04
NCN301N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN302	3.05E-05	4.61E-03	2.78E-03	1.21E-02	0.00E+00	0.00E+00	1.77E-01	1.64E-07	1.63E-05	8.94E-05	0.00E+00	2.85E-04	1.33E-09	4.03E-11	1.84E-03	2.69E-05	9.87E-04	1.46E-08	1.95E-05	5.93E-03	1.08E-01	0.00E+00	1.40E-10	1.85E-10	2.13E-05	4.59E-07	1.43E-02	0.00E+00	1.08E-01	2.80E-10	1.08E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04
NCN302A	4.18E-05	1.24E-02	3.66E-03	1.58E-02	0.00E+00	0.00E+00	2.30E-01	2.16E-07	2.12E-05	1.23E-04	0.00E+00	3.79E-04	1.74E-09	5.19E-11	2.39E-03	3.85E-05	1.30E-03	9.05E-09	2.65E-05	7.16E-03	1.45E-01	0.00E+00	1.92E-10	2.52E-10	2.92E-05	6.85E-07	1.93E-02	0.00E+00	1.45E-01	3.68E-10	1.45E-01	1.65E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
NCN302N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN303	4.00E-05	1.13E-02	3.51E-03	1.52E-02	0.00E+00	0.00E+00	2.21E-01	2.08E-07	2.04E-05	1.18E-04	0.00E+00	3.64E-04	1.68E-09	5.00E-11	2.29E-03	3.67E-05	1.25E-03	9.60E-09	2.54E-05	6.94E-03	1.39E-01	0.00E+00	1.84E-10	2.41E-10	2.79E-05	6.50E-07	1.85E-02	0.00E+00	1.39E-01	3.53E-10	1.39E-01	1.58E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NCN303A	3.03E-05	4.70E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.91E-05	0.00E+00	2.83E-04	1.32E-09	4.00E-11	1.83E-03	2.68E-05	9.82E-04	1.43E-08	1.94E-05	5.88E-03	1.07E-01	0.00E+00	1.39E-10	1.84E-10	2.12E-05	4.58E-07	1.42E-02	0.00E+00	1.07E-01	2.78E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	7.95E-04
NCN303N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN304	2.37E-05	7.16E-05	2.26E-03	9.84E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	6.92E-05	0.00E+00	2.28E-04	1.08E-09	3.33E-11	1.51E-03	2.00E-05	8.02E-04	1.77E-08	1.54E-05	5.18E-03	8.52E-02	0.00E+00	1.08E-10	1.45E-10	1.67E-05	3.25E-07	1.13E-02	0.00E+00	8.52E-02	2.27E-10	8.52E-02	9.65E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NCN304A	2.95E-05	4.02E-03	2.70E-03	1.17E-02	0.00E+00	0.00E+00	1.72E-01	1.60E-07	1.58E-05	8.65E-05	0.00E+00	2.76E-04	1.29E-09	3.92E-11	1.79E-03	2.59E-05	9.59E-04	1.49E-08	1.89E-05	5.81E-03	1.04E-01	0.00E+00	1.35E-10	1.79E-10	2.07E-05	4.40E-07	1.38E-02	0.00E+00	1.04E-01	2.72E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.71E-04
NCN304N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN306	1.22E-04	6.93E-02	9.79E-03	4.20E-02	0.00E+00	0.00E+00	6.01E-01	5.78E-07	5.53E-05	3.64E-04	0.00E+00	1.04E-03	4.64E-09	1.33E-10	6.18E-03	1.21E-04	3.46E-03	3.39E-08	7.59E-05	1.56E-02	4.10E-01	0.00E+00	5.64E-10	7.24E-10	8.43E-05	2.30E-06	5.49E-02	0.00E+00	4.10E-01	9.80E-10	4.10E-01	4.65E-01	5.49E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
NCN306A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN306N	2.44E-05	2.12E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.14E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.45E-08	1.57E-05	5.00E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.53E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-04
NCN306P	1.49E-04	8.77E-02	1.19E-02	5.09E-02	0.00E+00	0.00E+00	7.27E-01	7.00E-07	6.69E-05	4.44E-04	0.00E+00	1.27E-03	5.61E-09	1.61E-10	7.47E-03	1.49E-04	4.19E-03	4.70E-08	9.24E-05	1.85E-02	4.99E-01	0.00E+00	6.89E-10	8.83E-10	1.03E-04	2.83E-06	6.68E-02	0.00E+00	4.99E-01	1.19E-09	4.99E-01	5.66E-01	6.68E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-03
NCN310	7.47E-05	3.65E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.80E-01	3.63E-07	3.50E-05	2.22E-04	0.00E+00	6.49E-04	2.92E-09	8.47E-11	3.92E-03	7.25E-05	2.17E-03	1.00E-08	4.67E-05	1.05E-02	2.53E-01	0.00E+00	3.45E-10	4.45E-10	5.17E-05	1.35E-06	3.38E-02	0.00E+00	2.53E-01	6.16E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
NCN310A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN310N	1.79E-05	2.00E-03	1.76E-03	7.69E-03	0.00E+00	0.00E+00	1.14E-01	1.04E-07	1.05E-05	5.20E-05	0.00E+00	1.76E-04	8.46E-10	2.63E-11	1.19E-03	1.45E-05	6.26E-04	1.71E-08	1.17E-05	4.24E-03	6.52E-02	0.00E+00	8.17E-11	1.10E-10	1.26E-05	2.27E-07	8.61E-03	0.00E+00	6.52E-02	1.77E-10	6.52E-02	7.39E-02	8.61E-03	0.00E+00	0.00E+00	0.00E+00	4.58E-04
NCN310P	3.50E-06	1.79E-02	1.46E-04	7.88E-04	0.00E+00	0.00E+00	1.59E-02	8.88E-09	1.52E-06	1.22E-05	0.00E+00	1.02E-06	8.45E-11	5.02E-12	1.95E-04	7.68E-06	5.48E-05	2.98E-08	1.43E-06	2.11E-03	5.08E-03	0.00E+00	1.75E-11	1.60E-11	2.04E-06	2.09E-07	8.26E-04	0.00E+00	5.08E-03	1.59E-11	5.08E-03	5.91E-03	8.26E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
NCN313	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN316A	6.87E-05	3.05E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.56E-01	3.39E-07	3.28E-05	2.04E-04	0.00E+00	6.03E-04	2.73E-09	7.97E-11	3.68E-03	6.59E-05	2.03E-03	0.00E+00	4.29E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-10	4.10E-10	4.77E-05	1.22E-06	3.13E-02	0.00E+00	2.34E-01	5.75E-10	2.34E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NCN316N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN316P	8.81E-05	4.58E-02	7.17E-03	3.09E-02	0.00E+00	0.00E+00	4.43E-01	4.23E-07	4.07E-05	2.62E-04	0.00E+00	7.60E-04	3.40E-09	9.83E-11	4.56E-03	8.63E-05	2.54E-03	1.68E-08	5.49E-05	1.19E-02	2.98E-01	0.00E+00	4.07E-10	5.24E-10	6.09E-05	1.62E-06	3.98E-02	0.00E+00	2.98E-01	7.19E-10	2.98E-01	3.37E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
NCN320	6.89E-05	3.17E-02	5.72E-03	2.47E-02	0.00E+00	0.00E+00	3.55E-01	3.38E-07	3.27E-05	2.05E-04	0.00E+00	6.03E-04	2.72E-09	7.92E-11	3.66E-03	6.64E-05	2.03E-03	5.68E-09	4.32E-05	9.98E-03	2.35E-01	0.00E+00	3.18E-10	4.11E-10	4.78E-05	1.23E-06	3.13E-02	0.00E+00	2.35E-01	5.74E-10	2.35E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
NCN320A	6.87E-05	3.05E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.56E-01	3.39E-07	3.28E-05	2.04E-04	0.00E+00	6.03E-04	2.73E-09	7.97E-11	3.68E-03	6.59E-05	2.03E-03	0.00E+00	4.29E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-10	4.10E-10	4.77E-05	1.22E-06	3.13E-02	0.00E+00	2.34E-01	5.75E-10	2.34E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NCN320N	6.46E-05	3.02E-02	5.35E-03	2.31E-02	0.00E+00	0.00E+00	3.32E-01	3.16E-07	3.05E-05	1.92E-04	0.00E+00	5.64E-04	2.54E-09	7.40E-11	3.42E-03	6.24E-05	1.89E-03	6.19E-09	4.05E-05	9.28E-03	2.20E-01	0.00E+00	2.98E-10	3.85E-10	4.48E-05	1.16E-06	2.93E-02	0.00E+00	2.20E-01	5.37E-10	2.20E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN320P	1.07E-04	5.82E-02	8.65E-03	3.72E-02	0.00E+00	0.00E+00	5.33E-01	5.11E-07	4.90E-05	3.19E-04	0.00E+00	9.19E-04	4.10E-09	1.18E-10	5.48E-03	1.06E-04	3.06E-03	2.51E-08	6.67E-05	1.41E-02	3.61E-01	0.00E+00	4.95E-10	6.36E-10	7.40E-05	1.99E-06	4.82E-02	0.00E+00	3.61E-01	8.67E-10	3.61E-01	4.09E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
NCN325	7.27E-05	3.43E-02	6.02E-03	2.59E-02	0.00E+00	0.00E+00	3.73E-01	3.55E-07	3.43E-05	2.16E-04	0.00E+00	6.34E-04	2.86E-09	8.31E-11	3.85E-03	7.03E-05	2.13E-03	7.54E-09	4.55E-05	1.04E-02	2.47E-01	0.00E+00	3.35E-10	4.33E-10	5.04E-05	1.30E-06	3.30E-02	0.00E+00	2.47E-01	6.03E-10	2.47E-01	2.80E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
NCN325A	7.01E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN325N	2.40E-05	6.80E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	7.01E-05	0.00E+00	2.30E-04	1.09E-09	3.33E-11	1.52E-03	2.04E-05	8.05E-04	1.68E-08	1.55E-05	5.14E-03	8.60E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.35E-07	1.14E-02	0.00E+00	8.60E-02	2.28E-10	8.60E-02	9.74E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN325P	1.01E-04	5.41E-02	8.19E-03	3.52E-02	0.00E+00	0.00E+00	5.05E-01	4.83E-07	4.64E-05	3.01E-04	0.00E+00	8.69E-04	3.88E-09	1.12E-10	5.20E-03	9.94E-05	2.90E-03	2.21E-08	6.30E-05	1.34E-02	3.41E-01	0.00E+00	4.67E-10	6.01E-10	6.99E-05	1.87E-06	4.56E-02	0.00E+00	3.41E-01	8.21E-10	3.41E-01	3.87E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
NCN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN332N	3.21E-04	2.03E-01	2.52E-02	1.08E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.41E-04	9.60E-04	0.00E+00	2.70E-03	1.19E-08	3.39E-10	1.58E-02	3.24E-04	8.91E-03	1.27E-07	1.99E-04	3.76E-02	1.07E+00	0.00E+00	1.49E-09	1.90E-09	2.21E-04	6.23E-06	1.43E-01	0.00E+00	1.07E+00	2.52E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	8.75E-03
NCN332P	1.33E-04	7.52E-02	1.07E-02	4.58E-02	0.00E+00	0.00E+00	6.55E-01	6.29E-07	6.02E-05	3.96E-04	0.00E+00	1.13E-03	5.05E-09	1.45E-10	6.73E-03	1.32E-04	3.77E-03	3.65E-08	8.26E-05	1.70E-02	4.46E-01	0.00E+00	6.14E-10	7.88E-10	9.17E-05	2.50E-06	5.97E-02	0.00E+00	4.46E-01	1.07E-09	4.46E-01	5.06E-01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
NCN340	2.77E-05	2.07E-03	2.59E-03	1.13E-02	0.00E+00	0.00E+00	1.65E-01	1.53E-07	1.52E-05	8.11E-05	0.00E+00	2.63E-04	1.24E-09	3.78E-11	1.72E-03	2.39E-05	9.18E-04	1.71E-08	1.79E-05	5.73E-03	9.88E-02	0.00E+00	1.27E-10	1.68E-10	1.94E-05	3.98E-07	1.31E-02	0.00E+00	9.88E-02	2.60E-10	9.88E-02	1.12E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.20E-04
NCN340A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN340N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN340P	1.58E-04	9.22E-02	1.26E-02	5.40E-02	0.00E+00	0.00E+00	7.71E-01	7.42E-07	7.09E-05	4.70E-04	0.00E+00	1.34E-03	5.95E-09	1.70E-10	7.92E-03	1.57E-04	4.45E-03	4.86E-08	9.79E-05	1.97E-02	5.29E-01	0.00E+00	7.29E-10	9.35E-10	1.09E-04	2.99E-06	7.07E-02	0.00E+00	5.29E-01	1.26E-09	5.29E-01	5.99E-01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-03
NCN350	1.92E-05	3.90E-03	1.94E-03	8.48E-03	0.00E+00	0.00E+00	1.26E-01	1.15E-07	1.16E-05	5.57E-05	0.00E+00	1.93E-04	9.33E-10	2.92E-11	1.32E-03	1.52E-05	6.89E-04	2.16E-08	1.26E-05	4.84E-03	7.09E-02	0.00E+00	8.76E-11	1.19E-10	1.36E-05	2.28E-07	9.34E-03	0.00E+00	7.09E-02	1.96E-10	7.09E-02	8.02E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
NCN350A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN350N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN350P	6.72E-05	2.91E-02	5.63E-03	2.43E-02	0.00E+00	0.00E+00	3.50E-01	3.33E-07	3.22E-05	1.99E-04	0.00E+00	5.92E-04	2.68E-09	7.83E-11	3.62E-03	6.43E-05	1.99E-03	2.26E-09	4.22E-05	1.00E-02	2.30E-01	0.00E+00	3.10E-10	4.02E-10	4.66E-05	1.18E-06	3.06E-02	0.00E+00	2.30E-01	5.65E-10	2.30E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NCN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN363A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN363N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN363P	1.42E-04	8.11E-02	1.14E-02	4.88E-02	0.00E+00	0.00E+00	6.98E-01	6.70E-07	6.42E-05	4.23E-04	0.00E+00	1.21E-03	5.38E-09	1.54E-10	7.17E-03	1.41E-04	4.02E-03	4.04E-08	8.82E-05	1.80E-02	4.77E-01	0.00E+00	6.56E-10	8.42E-10	9.80E-05	2.67E-06	6.37E-02	0.00E+00	4.77E-01	1.14E-09	4.77E-01	5.40E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
NCN400	4.39E-05	8.33E-03	3.96E-03	1.72E-02	0.00E+00	0.00E+00	2.51E-01	2.34E-07	2.31E-05	1.29E-04	0.00E+00	4.07E-04	1.89E-09	5.71E-11	2.61E-03	3.91E-05	1.41E-03	1.80E-08	2.81E-05	8.27E-03	1.54E-01	0.00E+00	2.01E-10	2.65E-10	3.07E-05	6.76E-07	2.05E-02	0.00E+00	1.54E-01	3.98E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NCN400A	4.39E-05	8.35E-03	3.97E-03	1.72E-02	0.00E+00	0.00E+00	2.51E-01	2.34E-07	2.31E-05	1.29E-04	0.00E+00	4.07E-04	1.89E-09	5.71E-11	2.61E-03	3.92E-05	1.41E-03	1.79E-08	2.81E-05	8.27E-03	1.55E-01	0.00E+00	2.02E-10	2.66E-10	3.07E-05	6.77E-07	2.05E-02	0.00E+00	1.55E-01	3.99E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03

NCN400N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN401	5.40E-05	1.54E-02	4.74E-03	2.05E-02	0.00E+00	0.00E+00	2.98E-01	2.80E-07	2.74E-05	1.59E-04	0.00E+00	4.91E-04	2.26E-09	6.73E-11	3.09E-03	4.95E-05	1.68E-03	1.28E-08	3.43E-05	9.34E-03	1.88E-01	0.00E+00	2.48E-10	3.25E-10	3.76E-05	8.78E-07	2.50E-02	0.00E+00	1.88E-01	4.76E-10	1.88E-01	2.13E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NCN401N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN402	4.04E-05	6.08E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.56E-05	1.31E-03	1.94E-08	2.59E-05	7.86E-03	1.43E-01	0.00E+00	1.85E-10	2.45E-10	2.83E-05	6.08E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NCN402A	4.04E-05	6.08E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.56E-05	1.31E-03	1.94E-08	2.59E-05	7.86E-03	1.43E-01	0.00E+00	1.85E-10	2.45E-10	2.83E-05	6.08E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NCN402N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN403	2.21E-05	6.19E-03	2.28E-03	9.97E-03	0.00E+00	0.00E+00	1.48E-01	1.35E-07	1.37E-05	6.38E-05	0.00E+00	2.25E-04	1.10E-09	3.45E-11	1.56E-03	1.70E-05	8.09E-04	2.79E-08	1.46E-05	5.84E-03	8.21E-02	0.00E+00	1.01E-10	1.37E-10	1.57E-05	2.47E-07	1.08E-02	0.00E+00	8.21E-02	2.29E-10	8.21E-02	9.30E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	5.58E-04
NCN403A	5.15E-05	1.39E-02	4.54E-03	1.97E-02	0.00E+00	0.00E+00	2.86E-01	2.68E-07	2.63E-05	1.52E-04	0.00E+00	4.69E-04	2.16E-09	6.47E-11	2.97E-03	4.70E-05	1.61E-03	1.36E-08	3.27E-05	9.03E-03	1.79E-01	0.00E+00	2.37E-10	3.10E-10	3.59E-05	8.30E-07	2.39E-02	0.00E+00	1.79E-01	4.56E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
NCN403N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN404	4.41E-05	8.70E-03	3.97E-03	1.72E-02	0.00E+00	0.00E+00	2.51E-01	2.35E-07	2.32E-05	1.30E-04	0.00E+00	4.08E-04	1.90E-09	5.72E-11	2.62E-03	3.94E-05	1.41E-03	1.74E-08	2.82E-05	8.25E-03	1.55E-01	0.00E+00	2.02E-10	2.67E-10	3.08E-05	6.82E-07	2.06E-02	0.00E+00	1.55E-01	3.99E-10	1.55E-01	1.76E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN404A	3.60E-05	3.17E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.13E-01	1.98E-07	1.97E-05	1.05E-04	0.00E+00	3.41E-04	1.60E-09	4.89E-11	2.23E-03	3.11E-05	1.19E-03	2.14E-08	2.32E-05	7.37E-03	1.28E-01	0.00E+00	1.65E-10	2.19E-10	2.53E-05	5.22E-07	1.70E-02	0.00E+00	1.28E-01	3.37E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-04
NCN404N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN406	5.42E-05	1.67E-02	4.72E-03	2.04E-02	0.00E+00	0.00E+00	2.96E-01	2.79E-07	2.73E-05	1.60E-04	0.00E+00	4.90E-04	2.25E-09	6.69E-11	3.07E-03	5.01E-05	1.67E-03	1.05E-08	3.44E-05	9.17E-03	1.88E-01	0.00E+00	2.49E-10	3.26E-10	3.78E-05	8.93E-07	2.50E-02	0.00E+00	1.88E-01	4.74E-10	1.88E-01	2.13E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
NCN406A	1.53E-04	8.58E-02	1.23E-02	5.28E-02	0.00E+00	0.00E+00	7.56E-01	7.25E-07	6.95E-05	4.56E-04	0.00E+00	1.31E-03	5.82E-09	1.67E-10	7.77E-03	1.51E-04	4.35E-03	4.06E-08	9.51E-05	1.97E-02	5.14E-01	0.00E+00	7.07E-10	9.08E-10	1.06E-04	2.87E-06	6.88E-02	0.00E+00	5.14E-01	1.23E-09	5.14E-01	5.83E-01	6.88E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
NCN406N	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NCN406P	2.06E-04	1.22E-01	1.64E-02	7.04E-02	0.00E+00	0.00E+00	1.00E+00	9.67E-07	9.24E-05	6.15E-04	0.00E+00	1.75E-03	7.76E-09	2.22E-10	1.03E-02	2.06E-04	5.80E-03	6.66E-08	1.28E-04	2.55E-02	6.90E-01	0.00E+00	9.53E-10	1.22E-09	1.42E-04	3.92E-06	9.24E-02	0.00E+00	6.90E-01	1.64E-09	6.90E-01	7.83E-01	9.24E-02	0.00E+00	0.00E+00	0.00E+00	5.60E-03
NCN410	1.01E-04	4.95E-02	8.28E-03	3.56E-02	0.00E+00	0.00E+00	5.12E-01	4.88E-07	4.71E-05	2.99E-04	0.00E+00	8.74E-04	3.93E-09	1.14E-10	5.28E-03	9.79E-05	2.93E-03	1.41E-08	6.29E-05	1.41E-02	3.41E-01	0.00E+00	4.65E-10	6.00E-10	6.97E-05	1.82E-06	4.56E-02	0.00E+00	3.41E-01	8.30E-10	3.41E-01	3.87E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
NCN410A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN410N	3.27E-05	3.38E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.57E-05	0.00E+00	3.08E-04	1.45E-09	4.40E-11	2.01E-03	2.84E-05	1.07E-03	1.85E-08	2.10E-05	6.61E-03	1.16E-01	0.00E+00	1.50E-10	1.98E-10	2.29E-05	4.78E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.32E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
NCN410P	1.39E-04	7.64E-02	1.12E-02	4.83E-02	0.00E+00	0.00E+00	6.91E-01	6.62E-07	6.35E-05	4.14E-04	0.00E+00	1.19E-03	5.32E-09	1.53E-10	7.11E-03	1.37E-04	3.97E-03	3.38E-08	8.66E-05	1.82E-02	4.69E-01	0.00E+00	6.43E-10	8.26E-10	9.61E-05	2.59E-06	6.26E-02	0.00E+00	4.69E-01	1.12E-09	4.69E-01	5.31E-01	6.26E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
NCN413	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN416A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN416N	3.26E-05	3.04E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.54E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.82E-05	1.07E-03	1.90E-08	2.10E-05	6.64E-03	1.16E-01	0.00E+00	1.49E-10	1.98E-10	2.29E-05	4.73E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
NCN416P	1.25E-04	6.64E-02	1.02E-02	4.37E-02	0.00E+00	0.00E+00	6.26E-01	5.99E-07	5.76E-05	3.72E-04	0.00E+00	1.08E-03	4.81E-09	1.39E-10	6.44E-03	1.23E-04	3.59E-03	2.63E-08	7.80E-05	1.67E-02	4.22E-01	0.00E+00	5.78E-10	7.43E-10	8.65E-05	2.31E-06	5.64E-02	0.00E+00	4.22E-01	1.02E-09	4.22E-01	4.79E-01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
NCN420	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN420A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NCN420N	3.25E-05	2.75E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.51E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.81E-05	1.07E-03	1.95E-08	2.09E-05	6.67E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.70E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
NCN420P	1.28E-04	6.75E-02	1.04E-02	4.47E-02	0.00E+00	0.00E+00	6.40E-01	6.13E-07	5.89E-05	3.80E-04	0.00E+00	1.10E-03	4.92E-09	1.42E-10	6.59E-03	1.25E-04	3.67E-03	2.63E-08	7.97E-05	1.71E-02	4.32E-01	0.00E+00	5.90E-10	7.60E-10	8.84E-05	2.36E-06	5.77E-02	0.00E+00	4.32E-01	1.04E-09	4.32E-01	4.89E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	3.45E-03
NCN425	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN425A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NCN425N	3.19E-05	7.95E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.33E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.26E-08	2.07E-05	6.86E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.44E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
NCN425P	1.34E-04	7.20E-02	1.09E-02	4.68E-02	0.00E+00	0.00E+00	6.71E-01	6.42E-07	6.17E-05	4.00E-04	0.00E+00	1.16E-03	5.16E-09	1.49E-10	6.90E-03	1.32E-04	3.85E-03	2.95E-08	8.37E-05	1.78E-02	4.53E-01	0.00E+00	6.21E-10	7.98E-10	9.29E-05	2.49E-06	6.06E-02	0.00E+00	4.53E-01	1.09E-09	4.53E-01	5.14E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03
NCN432	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN432A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN432N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NCN432P	1.84E-04	1.05E-01	1.47E-02	6.33E-02	0.00E+00	0.00E+00	9.06E-01	8.70E-07	8.33E-05	5.49E-04	0.00E+00	1.57E-03	6.98E-09	2.00E-10	9.31E-03	1.83E-04	5.22E-03	5.23E-08	1.14E-04	2.34E-02	6.18E-01	0.00E+00	8.51E-10	1.09E-09	1.27E-04	3.47E-06	8.27E-02	0.00E+00	6.18E-01	1.48E-09	6.18E-01	7.01E-01	8.27E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
NCN440	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN440A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN440N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NCN440P	1.96E-04	1.13E-01	1.56E-02	6.71E-02	0.00E+00	0.00E+00	9.60E-01	9.22E-07	8.82E-05	5.83E-04	0.00E+00	1.67E-03	7.40E-09	2.12E-10	9.86E-03	1.95E-04	5.53E-03	5.79E-08	1.21E-04	2.46E-02	6.56E-01	0.00E+00	9.04E-10	1.16E-09	1.35E-04	3.70E-06	8.78E-02	0.00E+00	6.56E-01	1.57E-09	6.56E-01	7.44E-01	8.78E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
NCN450	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN450A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN450N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NCN450P	1.88E-04	1.07E-01	1.50E-02	6.46E-02	0.00E+00	0.00E+00	9.24E-01	8.88E-07	8.50E-05	5.60E-04	0.00E+00	1.60E-03	7.12E-09	2.04E-10	9.50E-03	1.87E-04	5.32E-03	5.34E-08	1.17E-04	2.38E-02	6.31E-01	0.00E+00	8.68E-10	1.11E-09	1.30E-04	3.54E-06	8.44E-02	0.00E+00	6.31E-01	1.51E-09	6.31E-01	7.15E-01	8.44E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03
NCN463	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN463A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN463N	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
NCN463P	1.94E-04	1.11E-01	1.55E-02	6.66E-02	0.00E+00	0.00E+00	9.52E-01	9.15E-07	8.75E-05	5.78E-04	0.00E+00	1.65E-03	7.34E-09	2.11E-10	9.78E-03	1.93E-04	5.48E-03	5.63E-08	1.20E-04	2.45E-02	6.51E-01	0.00E+00	8.96E-10	1.15E-09	1.34E-04	3.66E-06	8.70E-02	0.00E+00	6.51E-01	1.55E-09	6.51E-01	7.38E-01	8.70E-02	0.00E+00	0.00E+00	0.00E+00	5.25E-03
NCN506	2.48E-05	6.79E-03	2.18E-03	9.46E-03	0.00E+00	0.00E+00	1.37E-01	1.29E-07	1.27E-05	7.31E-05	0.00E+00	2.26E-04	1.04E-09	3.11E-11	1.43E-03	2.27E-05	7.74E-04	6.36E-09	1.58E-05	4.34E-03	8.64E-02	0.00E+00	1.14E-10	1.49E-10	1.73E-05	4.01E-07	1.15E-02	0.00E+00	8.64E-02	2.19E-10	8.64E-02	9.79E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
NCN506A	7.69E-05	4.31E-02	6.18E-03	2.65E-02	0.00E+00	0.00E+00	3.80E-01	3.64E-07	3.49E-05	2.29E-04	0.00E+00	6.57E-04	2.93E-09	8.41E-11	3.90E-03	7.61E-05	2.18E-03	2.04E-08	4.78E-05	9.88E-03	2.58E-01	0.00E+00	3.55E-10	4.56E-10	5.31E-05	1.44E-06	3.46E-02	0.00E+00	2.58E-01	6.19E-10	2.58E-01	2.93E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
NCN510	5.58E-05	2.85E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.69E-07	2.59E-05	1.66E-04	0.00E+00	4.83E-04	2.16E-09	6.26E-11	2.90E-03	5.45E-05	1.61E-03	9.71E-09	3.48E-05	7.63E-03	1.89E-01	0.00E+00	2.58E-10	3.32E-10	3.86E-05	1.02E-06	2.52E-02	0.00E+00	1.89E-01	4.57E-10	1.89E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
NCN510A	4.76E-05	2.29E-02	3.92E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.32E-07	2.24E-05	1.41E-04	0.00E+00	4.14E-04	1.86E-09	5.42E-11	2.51E-03	4.61E-05	1.39E-03	5.67E-09	2.98E-05	6.73E-03	1.62E-01	0.00E+00	2.19E-10	2.83E-10	3.29E-05	8.57E-07	2.16E-02	0.00E+00	1.62E-01	3.93E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
NCN513	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN513A	4.53E-05	2.11E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.14E-05	1.35E-04	0.00E+00	3.96E-04	1.78E-09	5.20E-11	2.40E-03	4.37E-05	1.33E-03	4.24E-09	2.84E-05	6.52E-03	1.54E-01	0.00E+00	2.09E-10	2.70E-10	3.14E-05	8.11E-07	2.06E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN516	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NCN516A	4.58E-05	2.15E-02	3.80E-03	1.64E-02	0.00E+00	0.00E+00	2.35E-01	2.24E-07	2.17E-05	1.36E-04	0.00E+00	4.00E-04	1.80E-09	5.25E-11	2.43E-03	4.43E-05	1.34E-03	4.50E-09	2.87E-05	6.57E-03	1.56E-01	0.00E+00	2.12E-10	2.73E-10	3.18E-05	8.21E-07	2.08E-02	0.00E+00	1.56E-01	3.81E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NCN520	4.90E-05	2.33E-02	4.05E-03	1.75E-02	0.00E+00	0.00E+00	2.51E-01	2.39E-07	2.31E-05	1.46E-04	0.00E+00	4.27E-04	1.92E-09	5.60E-11	2.59E-03	4.74E-05	1.43E-03	5.37E-09	3.07E-05	6.98E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.40E-05	8.81E-07	2.22E-02	0.00E+00	1.67E-01	4.06E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NCN520A	4.46E-05	2.03E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.32E-04	0.00E+00	3.91E-04	1.76E-09	5.14E-11	2.38E-03	4.29E-05	1.31E-03	3.23E-09	2.80E-05	6.50E-03	1.52E-01	0.00E+00	2.06E-10	2.66E-10	3.09E-05	7.94E-07	2.03E-02	0.00E+00	1.52E-01	3.72E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NCN525	4.03E-05	1.74E-02	3.38E-03	1.46E-02	0.00E+00	0.00E+00	2.10E-01	2.00E-07	1.93E-05	1.20E-04	0.00E+00	3.55E-04	1.61E-09	4.70E-11	2.17E-03	3.85E-05	1.20E-03	1.13E-09	2.53E-05	6.03E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.08E-07	1.84E-02	0.00E+00	1.38E-01	3.39E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
NCN525A	4.46E-05	2.03E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.32E-04	0.00E+00	3.91E-04	1.76E-09	5.14E-11	2.38E-03	4.29E-05	1.31E-03	3.23E-09	2.80E-05	6.50E-03	1.52E-01	0.00E+00	2.06E-10	2.66E-10	3.09E-05	7.94E-07	2.03E-02	0.00E+00	1.52E-01	3.72E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NCN532	7.74E-05	4.25E-02	6.24E-03	2.68E-02	0.00E+00	0.00E+00	3.84E-01	3.68E-07	3.53E-05	2.30E-04	0.00E+00	6.63E-04	2.96E-09	8.51E-11	3.95E-03	7.64E-05	2.21E-03	1.90E-08	4.82E-05	1.01E-02	2.61E-01	0.00E+00	3.58E-10	4.60E-10	5.35E-05	1.44E-06	3.48E-02	0.00E+00	2.61E-01	6.25E-10	2.61E-01	2.95E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
NCN532A	2.34E-05	4.95E-03	2.10E-03	9.11E-03	0.00E+00	0.00E+00	1.33E-01	1.24E-07	1.22E-05	6.88E-05	0.00E+00	2.16E-04	1.00E-09	3.01E-11	1.38E-03	2.10E-05	7.45E-04	8.64E-09	1.49E-05	4.33E-03	8.21E-02	0.00E+00	1.07E-10	1.41E-10	1.64E-05	3.65E-07	1.09E-02	0.00E+00	8.21E-02	2.11E-10	8.21E-02	9.30E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NCN540	1.73E-05	5.68E-04	1.63E-03	7.10E-03	0.00E+00	0.00E+00	1.04E-01	9.64E-08	9.62E-06	5.04E-05	0.00E+00	1.65E-04	7.81E-10	2.39E-11	1.09E-03	1.47E-05	5.79E-04	1.20E-08	1.12E-05	3.69E-03	6.19E-02	0.00E+00	7.90E-11	1.05E-10	1.21E-05	2.42E-07	8.19E-03	0.00E+00	6.19E-02	1.64E-10	6.19E-02	7.00E-02	8.19E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-04
NCN540A	1.78E-05	9.52E-04	1.67E-03	7.29E-03	0.00E+00	0.00E+00	1.07E-01	9.90E-08	9.86E-06	5.21E-05	0.00E+00	1.70E-04	8.02E-10	2.45E-11	1.12E-03	1.52E-05	5.94E-04	1.17E-08	1.15E-05	3.75E-03	6.37E-02	0.00E+00	8.16E-11	1.08E-10	1.25E-05	2.53E-07	8.44E-03	0.00E+00	6.37E-02	1.68E-10	6.37E-02	7.22E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.63E-04
NCN550	1.99E-05	2.26E-03	1.84E-03	7.97E-03	0.00E+00	0.00E+00	1.17E-01	1.08E-07	1.08E-05	5.82E-05	0.00E+00	1.87E-04	8.78E-10	2.67E-11	1.22E-03	1.73E-05	6.51E-04	1.09E-08	1.28E-05	3.99E-03	7.05E-02	0.00E+00	9.11E-11	1.21E-10	1.39E-05	2.92E-07	9.35E-03	0.00E+00	7.05E-02	1.85E-10	7.05E-02	7.99E-02	9.35E-03	0.00E+00	0.00E+00	0.00E+00	5.19E-04
NCN550A	1.83E-05	1.22E-03	1.72E-03	7.47E-03	0.00E+00	0.00E+00	1.10E-01	1.02E-07	1.01E-05	5.37E-05	0.00E+00	1.75E-04	8.22E-10	2.51E-11	1.14E-03	1.58E-05	6.10E-04	1.16E-08	1.18E-05	3.82E-03	6.55E-02	0.00E+00	8.40E-11	1.12E-10	1.29E-05	2.62E-07	8.68E-03	0.00E+00	6.55E-02	1.73E-10	6.55E-02	7.42E-02	8.68E-03	0.00E+00	0.00E+00	0.00E+00	4.77E-04
NCN563	2.28E-05	4.24E-03	2.06E-03	8.96E-03	0.00E+00	0.00E+00	1.31E-01	1.22E-07	1.20E-05	6.71E-05	0.00E+00	2.12E-04	9.86E-10	2.97E-11	1.36E-03	2.03E-05	7.32E-04	9.51E-09	1.46E-05	4.31E-03	8.03E-02	0.00E+00	1.05E-10	1.38E-10	1.60E-05	3.51E-07	1.07E-02	0.00E+00	8.03E-02	2.07E-10	8.03E-02	9.10E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-04
NCN563A	1.72E-05	3.95E-04	1.63E-03	7.10E-03	0.00E+00	0.00E+00	1.04E-01	9.64E-08	9.63E-06	5.03E-05	0.00E+00	1.65E-04	7.82E-10	2.40E-11	1.09E-03	1.46E-05	5.79E-04	1.23E-08	1.11E-05	3.70E-03	6.17E-02	0.00E+00	7.87E-11	1.05E-10	1.21E-05	2.39E-07	8.17E-03	0.00E+00	6.17E-02	1.64E-10	6.17E-02	6.99E-02	8.17E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04
NCN606	4.96E-05	1.36E-02	4.37E-03	1.89E-02	0.00E+00	0.00E+00	2.75E-01	2.58E-07	2.53E-05	1.46E-04	0.00E+00	4.52E-04	2.08E-09	6.22E-11	2.85E-03	4.54E-05	1.55E-03	1.27E-08	3.15E-05	8.67E-03	1.73E-01	0.00E+00	2.28E-10	2.99E-10	3.46E-05	8.02E-07	2.30E-02	0.00E+00	1.73E-01	4.39E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
NCN610	8.96E-05	4.20E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.60E-01	4.38E-07	4.24E-05	2.66E-04	0.00E+00	7.83E-04	3.53E-09	1.03E-10	4.75E-03	8.66E-05	2.63E-03	8.67E-09	5.61E-05	1.29E-02	3.05E-01	0.00E+00	4.14E-10	5.35E-10	6.21E-05	1.61E-06	4.07E-02	0.00E+00	3.05E-01	7.45E-10	3.05E-01	3.46E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
NCN613	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN616	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN650	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN663	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
ND106P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
ND110P	2.64E-05	1.28E-02	2.17E-03	9.36E-03	0.00E+00	0.00E+00	1.35E-01	1.28E-07	1.24E-05	7.83E-05	0.00E+00	2.29E-04	1.03E-09	3.00E-11	1.39E-03	2.56E-05	7.69E-04	3.30E-09	1.65E-05	3.72E-03	8.95E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.76E-07	1.20E-02	0.00E+00	8.95E-02	2.18E-10	8.95E-02	1.01E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
ND116P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
ND120P	2.60E-05	1.22E-02	2.15E-03	9.27E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.23E-05	7.72E-05	0.00E+00	2.27E-04	1.02E-09	2.98E-11	1.38E-03	2.51E-05	7.62E-04	2.62E-09	1.63E-05	3.72E-03	8.84E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.66E-07	1.18E-02	0.00E+00	8.84E-02	2.16E-10	8.84E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.99E-04
ND125P	2.55E-05	1.19E-02	2.12E-03	9.12E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.58E-05	0.00E+00	2.23E-04	1.01E-09	2.93E-11	1.35E-03	2.46E-05	7.49E-04	2.30E-09	1.60E-05	3.68E-03	8.69E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.56E-07	1.16E-02	0.00E+00	8.69E-02	2.12E-10	8.69E-02	9.84E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
ND132P	2.35E-05	1.04E-02	1.97E-03	8.48E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	6.98E-05	0.00E+00	2.07E-04	9.34E-10	2.73E-11	1.26E-03	2.26E-05	6.96E-04	1.17E-09	1.48E-05	3.48E-03	8.03E-02	0.00E+00	1.09E-10	1.41E-10	1.63E-05	4.16E-07	1.07E-02	0.00E+00	8.03E-02	1.97E-10	8.03E-02	9.10E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.31E-04

ND140P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
ND150P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
ND163P	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
ND206P	5.23E-05	2.54E-02	4.30E-03	1.85E-02	0.00E+00	0.00E+00	2.66E-01	2.54E-07	2.45E-05	1.55E-04	0.00E+00	4.54E-04	2.04E-09	5.93E-11	2.75E-03	5.07E-05	1.52E-03	6.79E-09	3.27E-05	7.35E-03	1.77E-01	0.00E+00	2.41E-10	3.11E-10	3.62E-05	9.44E-07	2.37E-02	0.00E+00	1.77E-01	4.31E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
ND216P	5.78E-05	2.89E-02	4.74E-03	2.04E-02	0.00E+00	0.00E+00	2.93E-01	2.80E-07	2.70E-05	1.72E-04	0.00E+00	5.01E-04	2.25E-09	6.52E-11	3.02E-03	5.63E-05	1.68E-03	8.92E-09	3.61E-05	8.00E-03	1.96E-01	0.00E+00	2.67E-10	3.44E-10	4.00E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	4.75E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
ND220P	5.39E-05	2.59E-02	4.45E-03	1.91E-02	0.00E+00	0.00E+00	2.75E-01	2.62E-07	2.53E-05	1.60E-04	0.00E+00	4.69E-04	2.11E-09	6.13E-11	2.84E-03	5.22E-05	1.57E-03	6.40E-09	3.37E-05	7.63E-03	1.83E-01	0.00E+00	2.49E-10	3.21E-10	3.73E-05	9.71E-07	2.44E-02	0.00E+00	1.83E-01	4.46E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
ND225P	5.00E-05	2.32E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.74E-11	2.65E-03	4.82E-05	1.47E-03	4.51E-09	3.13E-05	7.21E-03	1.70E-01	0.00E+00	2.31E-10	2.98E-10	3.47E-05	8.94E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
ND232P	4.99E-05	2.29E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.74E-11	2.66E-03	4.81E-05	1.47E-03	3.96E-09	3.13E-05	7.24E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.90E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
ND240P	4.93E-05	2.24E-02	4.10E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.42E-07	2.34E-05	1.46E-04	0.00E+00	4.32E-04	1.95E-09	5.69E-11	2.63E-03	4.75E-05	1.45E-03	3.60E-09	3.09E-05	7.18E-03	1.68E-01	0.00E+00	2.28E-10	2.94E-10	3.42E-05	8.78E-07	2.24E-02	0.00E+00	1.68E-01	4.12E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
ND250P	4.82E-05	2.16E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.50E-01	2.37E-07	2.30E-05	1.43E-04	0.00E+00	4.23E-04	1.91E-09	5.58E-11	2.58E-03	4.63E-05	1.42E-03	2.88E-09	3.02E-05	7.08E-03	1.64E-01	0.00E+00	2.22E-10	2.88E-10	3.34E-05	8.55E-07	2.19E-02	0.00E+00	1.64E-01	4.03E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
ND263P	4.98E-05	2.27E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.75E-11	2.66E-03	4.80E-05	1.47E-03	3.59E-09	3.12E-05	7.26E-03	1.70E-01	0.00E+00	2.30E-10	2.97E-10	3.45E-05	8.87E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
ND306P	7.21E-05	3.39E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.70E-01	3.52E-07	3.40E-05	2.14E-04	0.00E+00	6.29E-04	2.83E-09	8.25E-11	3.82E-03	6.96E-05	2.11E-03	7.23E-09	4.51E-05	1.03E-02	2.45E-01	0.00E+00	3.33E-10	4.30E-10	4.99E-05	1.29E-06	3.27E-02	0.00E+00	2.45E-01	5.98E-10	2.45E-01	2.78E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
ND310P	7.45E-05	3.54E-02	6.16E-03	2.65E-02	0.00E+00	0.00E+00	3.81E-01	3.63E-07	3.51E-05	2.21E-04	0.00E+00	6.50E-04	2.92E-09	8.51E-11	3.93E-03	7.21E-05	2.18E-03	8.16E-09	4.66E-05	1.06E-02	2.53E-01	0.00E+00	3.44E-10	4.44E-10	5.16E-05	1.34E-06	3.38E-02	0.00E+00	2.53E-01	6.17E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
ND316P	7.27E-05	3.39E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.16E-04	0.00E+00	6.36E-04	2.86E-09	8.34E-11	3.86E-03	7.02E-05	2.13E-03	6.71E-09	4.56E-05	1.05E-02	2.47E-01	0.00E+00	3.36E-10	4.34E-10	5.04E-05	1.30E-06	3.30E-02	0.00E+00	2.47E-01	6.05E-10	2.47E-01	2.81E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
ND320P	7.34E-05	3.37E-02	6.09E-03	2.63E-02	0.00E+00	0.00E+00	3.78E-01	3.60E-07	3.48E-05	2.18E-04	0.00E+00	6.42E-04	2.89E-09	8.44E-11	3.90E-03	7.07E-05	2.16E-03	6.01E-09	4.60E-05	1.06E-02	2.50E-01	0.00E+00	3.38E-10	4.38E-10	5.08E-05	1.31E-06	3.33E-02	0.00E+00	2.50E-01	6.11E-10	2.50E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
ND325P	7.09E-05	3.21E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.48E-07	3.37E-05	2.10E-04	0.00E+00	6.21E-04	2.80E-09	8.18E-11	3.78E-03	6.82E-05	2.09E-03	4.80E-09	4.44E-05	1.04E-02	2.42E-01	0.00E+00	3.27E-10	4.23E-10	4.91E-05	1.26E-06	3.22E-02	0.00E+00	2.42E-01	5.92E-10	2.42E-01	2.74E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
ND332P	7.16E-05	3.22E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.70E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.28E-04	2.83E-09	8.27E-11	3.82E-03	6.88E-05	2.11E-03	4.47E-09	4.49E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.27E-10	4.96E-05	1.27E-06	3.26E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
ND340P	7.16E-05	3.20E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.70E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.28E-04	2.83E-09	8.28E-11	3.82E-03	6.87E-05	2.11E-03	4.28E-09	4.49E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.27E-10	4.96E-05	1.27E-06	3.26E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
ND350P	7.32E-05	3.31E-02	6.09E-03	2.63E-02	0.00E+00	0.00E+00	3.78E-01	3.60E-07	3.48E-05	2.17E-04	0.00E+00	6.41E-04	2.89E-09	8.45E-11	3.90E-03	7.03E-05	2.16E-03	4.91E-09	4.59E-05	1.07E-02	2.49E-01	0.00E+00	3.37E-10	4.37E-10	5.07E-05	1.30E-06	3.33E-02	0.00E+00	2.49E-01	6.11E-10	2.49E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
ND363P	6.90E-05	3.01E-02	5.78E-03	2.49E-02	0.00E+00	0.00E+00	3.59E-01	3.41E-07	3.30E-05	2.05E-04	0.00E+00	6.07E-04	2.74E-09	8.03E-11	3.71E-03	6.61E-05	2.04E-03	2.71E-09	4.33E-05	1.03E-02	2.36E-01	0.00E+00	3.18E-10	4.12E-10	4.79E-05	1.22E-06	3.14E-02	0.00E+00	2.36E-01	5.79E-10	2.36E-01	2.67E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
ND410P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
ND416P	9.92E-05	4.66E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.09E-01	4.85E-07	4.68E-05	2.94E-04	0.00E+00	8.66E-04	3.90E-09	1.14E-10	5.25E-03	9.58E-05	2.91E-03	9.88E-09	6.21E-05	1.42E-02	3.37E-01	0.00E+00	4.58E-10	5.91E-10	6.87E-05	1.78E-06	4.50E-02	0.00E+00	3.37E-01	8.23E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
ND420P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
ND425P	9.89E-05	4.57E-02	8.21E-03	3.54E-02	0.00E+00	0.00E+00	5.09E-01	4.85E-07	4.69E-05	2.94E-04	0.00E+00	8.65E-04	3.90E-09	1.14E-10	5.25E-03	9.54E-05	2.91E-03	8.40E-09	6.20E-05	1.43E-02	3.37E-01	0.00E+00	4.56E-10	5.90E-10	6.85E-05	1.77E-06	4.49E-02	0.00E+00	3.37E-01	8.23E-10	3.37E-01	3.82E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
ND432P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
ND440P	9.76E-05	4.41E-02	8.12E-03	3.50E-02	0.00E+00	0.00E+00	5.04E-01	4.80E-07	4.64E-05	2.89E-04	0.00E+00	8.55E-04	3.86E-09	1.13E-10	5.20E-03	9.38E-05	2.88E-03	6.57E-09	6.12E-05	1.43E-02	3.32E-01	0.00E+00	4.50E-10	5.82E-10	6.76E-05	1.73E-06	4.44E-02	0.00E+00	3.32E-01	8.15E-10	3.32E-01	3.77E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
ND450P	9.75E-05	4.39E-02	8.12E-03	3.50E-02	0.00E+00	0.00E+00	5.04E-01	4.80E-07	4.64E-05	2.89E-04	0.00E+00	8.55E-04	3.86E-09	1.13E-10	5.21E-03	9.37E-05	2.88E-03	6.29E-09	6.11E-05	1.43E-02	3.32E-01	0.00E+00	4.50E-10	5.82E-10	6.76E-05	1.73E-06	4.43E-02	0.00E+00	3.32E-01	8.15E-10	3.32E-01	3.77E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
ND463P	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
NDN002	3.70E-06	3.02E-03	4.34E-04	1.92E-03	0.00E+00	0.00E+00	2.89E-02	2.57E-08	2.67E-06	1.05E-05	0.00E+00	4.15E-05	2.10E-10	6.88E-12	3.07E-04	2.31E-06	1.54E-04	8.27E-09	2.54E-06	1.30E-03	1.46E-02	0.00E+00	1.66E-11	2.35E-11	2.67E-06	2.35E-08	1.90E-03	0.00E+00	1.46E-02	4.39E-11	1.46E-02	1.65E-02	1.90E-03	0.00E+00	0.00E+00	0.00E+00	8.90E-05
NDN003	3.18E-06	3.32E-03	3.93E-04	1.74E-03	0.00E+00	0.00E+00	2.64E-02	2.33E-08	2.45E-06	8.93E-06	0.00E+00	3.72E-05	1.91E-10	6.32E-12	2.81E-04	1.80E-06	1.40E-04	8.44E-09	2.22E-06	1.23E-03	1.29E-02	0.00E+00	1.43E-11	2.04E-11	2.32E-06	1.37E-08	1.67E-03	0.00E+00	1.29E-02	3.98E-11	1.29E-02	1.45E-02	1.67E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NDN004	7.86E-06	7.95E-05	7.52E-04	3.28E-03	0.00E+00	0.00E+00	4.82E-02	4.45E-08	4.45E-06	2.29E-05	0.00E+00	7.59E-05	3.61E-10	1.11E-11	5.04E-04	6.59E-06	2.67E-04	6.07E-09	5.10E-06	1.73E-03	2.83E-02	0.00E+00	3.59E-11	4.80E-11	5.53E-06	1.07E-07	3.75E-03	0.00E+00	2.83E-02	7.57E-11	2.83E-02	3.21E-02	3.75E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
NDN006	2.67E-06	3.44E-03	3.47E-04	1.54E-03	0.00E+00	0.00E+00	2.35E-02	2.06E-08	2.18E-06	7.43E-06	0.00E+00	3.25E-05	1.69E-10	5.67E-12	2.51E-04	1.34E-06	1.24E-04	8.27E-09	1.89E-06	1.14E-03	1.11E-02	0.00E+00	1.19E-11	1.73E-11	1.96E-06	5.65E-09	1.43E-03	0.00E+00	1.11E-02	3.52E-11	1.11E-02	1.25E-02	1.43E-03	0.00E+00	0.00E+00	0.00E+00	6.16E-05
NDN010	1.57E-05	5.72E-03	1.35E-03	5.82E-03	0.00E+00	0.00E+00	8.43E-02	7.96E-08	7.76E-06	4.66E-05	0.00E+00	1.41E-04	6.42E-10	1.89E-11	8.73E-04	1.48E-05	4.78E-04	1.47E-09	9.93E-06	2.52E-03	5.42E-02	0.00E+00	7.25E-11	9.44E-11	1.09E-05	2.67E-07	7.22E-03	0.00E+00	5.42E-02	1.35E-10	5.42E-02	6.15E-02	7.22E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04
NDN013	1.60E-05	5.79E-03	1.37E-03	5.91E-03	0.00E+00	0.00E+00	8.55E-02	8.08E-08	7.88E-06	4.72E-05	0.00E+00	1.43E-04	6.51E-10	1.92E-11	8.86E-04	1.50E-05	4.85E-04	1.52E-09	1.01E-05	2.56E-03	5.50E-02	0.00E+00	7.36E-11	9.58E-11	1.11E-05	2.71E-07	7.33E-03	0.00E+00	5.50E-02	1.37E-10	5.50E-02	6.24E-02	7.33E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
NDN016	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN020	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN025	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN032	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN040	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN050	1.94E-06	4.49E-03	3.06E-04	1.37E-03	0.00E+00	0.00E+00	2.13E-02	1.82E-08	1.97E-06	5.19E-06	0.00E+00	2.75E-05	1.50E-10	5.23E-12	2.30E-04	4.45E-07	1.09E-04	9.63E-09	1.47E-06	1.15E-03	8.89E-03	0.00E+00	8.51E-12	1.32E-11	1.47E-06	1.38E-08	1.14E-03	0.00E+00	8.89E-03	3.11E-11	8.89E-03	1.00E-02	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05
NDN063	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN100	8.65E-07	6.04E-03	7.98E-05	3.99E-04	0.00E+00	0.00E+00	7.34E-03	4.81E-09	6.94E-07	3.18E-06	0.00E+00	3.42E-06	4.32E-11	2.15E-12	8.63E-05	2.33E-06	2.93E-05	1.03E-08	2.77E-07	7.84E-04	5.68E-04	0.00E+00	4.47E-12	3.47E-12	4.66E-07	6.62E-08	1.27E-04	0.00E+00	5.68E-04	8.45E-12	5.68E-04	6.95E-04	1.27E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
NDN100A	6.51E-06	1.01E-03	6.48E-04	2.83E-03	0.00E+00	0.00E+00	4.19E-02	3.83E-08	3.87E-06	1.89E-05	0.00E+00	6.47E-05	3.11E-10	9.71E-12	4.40E-04	5.21E-06	2.30E-04	6.73E-09	4.26E-06	1.59E-03	2.38E-02	0.00E+00	2.97E-11	4.00E-11	4.60E-06	8.01E-08	3.14E-03	0.00E+00	2.38E-02	6.53E-11	2.38E-02	2.70E-02	3.14E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NDN100N	2.21E-05	9.66E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	8.83E-10	1.39E-05	3.28E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.01E-02	0.00E+00	7.55E-02	1.86E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-04
NDN101	9.00E-06	7.46E-04	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.35E-02	4.96E-08	4.93E-06	2.63E-05	0.00E+00	8.53E-05	4.01E-10	1.22E-11	5.58E-04	7.77E-06	2.98E-04	5.43E-09	5.80E-06	1.85E-03	3.21E-02	0.00E+00	4.12E-11	5.47E-11	6.32E-06	1.30E-07	4.25E-03	0.00E+00	3.21E-02	8.44E-11	3.21E-02	3.63E-02	4.25E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NDN101A	9.00E-06	7.46E-04	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.35E-02	4.96E-08	4.93E-06	2.63E-05	0.00E+00	8.53E-05	4.01E-10	1.22E-11	5.58E-04	7.77E-06	2.98E-04	5.43E-09	5.80E-06	1.85E-03	3.21E-02	0.00E+00	4.12E-11	5.47E-11	6.32E-06	1.30E-07	4.25E-03	0.00E+00	3.21E-02	8.44E-11	3.21E-02	3.63E-02	4.25E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NDN101N	2.21E-05	9.66E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	8.83E-10	1.39E-05	3.28E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.01E-02	0.00E+00	7.55E-02	1.86E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-04
NDN102	1.16E-05	2.51E-03	1.04E-03	4.50E-03	0.00E+00	0.00E+00	6.55E-02	6.13E-08	6.04E-06	3.41E-05	0.00E+00	1.07E-04	4.95E-10	1.49E-11	6.82E-04	1.04E-05	3.68E-04	4.17E-09	7.39E-06	2.13E-03	4.06E-02	0.00E+00	5.32E-11	6.99E-11	8.09E-06	1.81E-07	5.39E-03	0.00E+00	4.06E-02	1.04E-10	4.06E-02	4.60E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NDN102A	1.01E-05	1.49E-03	9.23E-04	4.01E-03	0.00E+00	0.00E+00	5.86E-02	5.45E-08	5.40E-06	2.96E-05	0.00E+00	9.44E-05	4.41E-10	1.34E-11	6.10E-04	8.89E-06	3.27E-04	4.90E-09	6.47E-06	1.97E-03	3.57E-02	0.00E+00	4.63E-11	6.11E-11	7.07E-06	1.52E-07	4.73E-03	0.00E+00	3.57E-02	9.28E-11	3.57E-02	4.04E-02	4.73E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NDN102N	2.21E-05	9.66E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	8.83E-10	1.39E-05	3.28E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.01E-02	0.00E+00	7.55E-02	1.86E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-04
NDN103	1.59E-05	5.50E-03	1.37E-03	5.91E-03	0.00E+00	0.00E+00	8.56E-02	8.08E-08	7.89E-06	4.70E-05	0.00E+00	1.43E-04	6.51E-10	1.93E-11	8.87E-04	1.48E-05	4.85E-04	1.98E-09	1.00E-05	2.59E-03	5.49E-02	0.00E+00	7.31E-11	9.53E-11	1.11E-05	2.67E-07	7.31E-03	0.00E+00	5.49E-02	1.37E-10	5.49E-02	6.22E-02	7.31E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
NDN103A	1.45E-05	4.55E-03	1.26E-03	5.46E-03	0.00E+00	0.00E+00	7.91E-02	7.45E-08	7.29E-06	4.28E-05	0.00E+00	1.31E-04	6.01E-10	1.79E-11	8.21E-04	1.34E-05	4.47E-04	2.66E-09	9.19E-06	2.44E-03	5.03E-02	0.00E+00	6.67E-11	8.72E-11	1.01E-05	2.40E-07	6.69E-03	0.00E+00	5.03E-02	1.27E-10	5.03E-02	5.70E-02	6.69E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04
NDN103N	2.21E-05	9.66E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	8.83E-10	1.39E-05	3.28E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.01E-02	0.00E+00	7.55E-02	1.86E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-04
NDN104	8.24E-06	2.26E-04	7.80E-04	3.40E-03	0.00E+00	0.00E+00	4.99E-02	4.61E-08	4.60E-06	2.41E-05	0.00E+00	7.90E-05	3.74E-10	1.15E-11	5.22E-04	7.00E-06	2.77E-04	5.80E-09	5.33E-06	1.77E-03	2.96E-02	0.00E+00	3.77E-11	5.02E-11	5.80E-06	1.15E-07	3.91E-03	0.00E+00	2.96E-02	7.85E-11	2.96E-02	3.35E-02	3.91E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04
NDN104A	5.70E-06	1.51E-03	5.84E-04	2.56E-03	0.00E+00	0.00E+00	3.80E-02	3.45E-08	3.51E-06	1.65E-05	0.00E+00	5.79E-05	2.81E-10	8.85E-12	4.00E-04	4.39E-06	2.08E-04	7.04E-09	3.76E-06	1.49E-03	2.11E-02	0.00E+00	2.59E-11	3.52E-11	4.04E-06	6.44E-08	2.78E-03	0.00E+00	2.11E-02	5.89E-11	2.11E-02	2.39E-02	2.78E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04
NDN104N	2.21E-05	9.66E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	8.83E-10	1.39E-05	3.28E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.01E-02	0.00E+00	7.55E-02	1.86E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-04
NDN106	1.05E-05	2.02E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.97E-02	5.57E-08	5.50E-06	3.07E-05	0.00E+00	9.69E-05	4.51E-10	1.36E-11	6.21E-04	9.33E-06	3.35E-04	4.22E-09	6.68E-06	1.96E-03	3.68E-02	0.00E+00	4.80E-11	6.32E-11	7.31E-06	1.61E-07	4.88E-03	0.00E+00	3.68E-02	9.48E-11	3.68E-02	4.17E-02	4.88E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
NDN106A	6.09E-06	9.64E-04	6.07E-04	2.65E-03	0.00E+00	0.00E+00	3.93E-02	3.59E-08	3.62E-06	1.77E-05	0.00E+00	6.06E-05	2.92E-10	9.10E-12	4.12E-04	4.87E-06	2.16E-04	6.35E-09	3.99E-06	1.49E-03	2.23E-02	0.00E+00	2.78E-11	3.75E-11	4.31E-06	7.48E-08	2.95E-03	0.00E+00	2.23E-02	6.12E-11	2.23E-02	2.53E-02	2.95E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04
NDN106N	2.25E-05	1.10E-02	1.85E-03	7.97E-03	0.00E+00	0.00E+00	1.14E-01	1.09E-07	1.05E-05	6.69E-05	0.00E+00	1.95E-04	8.78E-10	2.55E-11	1.18E-03	2.19E-05	6.55E-04	3.09E-09	1.41E-05	3.15E-03	7.63E-02	0.00E+00	1.04E-10	1.34E-10	1.56E-05	4.08E-07	1.02E-02	0.00E+00	7.63E-02	1.86E-10	7.63E-02	8.65E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.06E-04
NDN106P	5.16E-05	3.05E-02	4.10E-03	1.76E-02	0.00E+00	0.00E+00	2.51E-01	2.42E-07	2.31E-05	1.54E-04	0.00E+00	4.38E-04	1.94E-09	5.55E-11	2.58E-03	5.15E-05	1.45E-03	1.66E-08	3.20E-05	6.37E-03	1.73E-01	0.00E+00	2.39E-10	3.06E-10	3.56E-05	9.81E-07	2.31E-02	0.00E+00	1.73E-01	4.11E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
NDN110	2.49E-05	1.22E-02	2.05E-03	8.82E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.40E-05	0.00E+00	2.16E-04	9.72E-10	2.82E-11	1.31E-03	2.42E-05	7.25E-04	3.34E-09	1.56E-05	3.49E-03	8.45E-02	0.00E+00	1.15E-10	1.48E-10	1.72E-05	4.50E-07	1.13E-02	0.00E+00	8.45E-02	2.05E-10	8.45E-02	9.57E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
NDN110A	2.21E-05	1.03E-02	1.84E-03	7.91E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.57E-05	0.00E+00	1.93E-04	8.71E-10	2.54E-11	1.17E-03	2.13E-05	6.50E-04	1.98E-09	1.39E-05	3.19E-03	7.53E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.95E-07	1.00E-02	0.00E+00	7.53E-02	1.84E-10	7.53E-02	8.53E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.94E-04
NDN110N	8.78E-05	5.57E-02	6.88E-03	2.95E-02	0.00E+00	0.00E+00	4.20E-01	4.06E-07	3.86E-05	2.62E-04	0.00E+00	7.38E-04	3.25E-09	9.24E-11	4.31E-03	8.86E-05	2.43E-03	3.50E-08	5.43E-05	1.02E-02	2.92E-01	0.00E+00	4.06E-10	5.19E-10	6.05E-05	1.70E-06	3.92E-02	0.00E+00	2.92E-01	6.89E-10	2.92E-01	3.32E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
NDN110P	3.38E-05	1.84E-02	2.73E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.61E-07	1.55E-05	1.01E-04	0.00E+00	2.90E-04	1.29E-09	3.73E-11	1.73E-03	3.33E-05	9.66E-04	7.94E-09	2.10E-05	4.44E-03	1.14E-01	0.00E+00	1.56E-10	2.01E-10	2.34E-05	6.29E-07	1.52E-02	0.00E+00	1.14E-01	2.74E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	9.14E-04
NDN113	2.13E-05	9.59E-03	1.77E-03	7.63E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.41E-10	2.46E-11	1.13E-03	2.04E-05	6.27E-04	1.40E-09	1.33E-05	3.11E-03	7.25E-02	0.00E+00	9.81E-11	1.27E-10	1.47E-05	3.78E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.21E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
NDN116	2.24E-05	1.04E-02	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.65E-05	0.00E+00	1.96E-04	8.82E-10	2.57E-11	1.19E-03	2.16E-05	6.58E-04	1.94E-09	1.40E-05	3.23E-03	7.62E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	4.00E-07	1.02E-02	0.00E+00	7.62E-02	1.86E-10	7.62E-02	8.64E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-04
NDN116A	2.13E-05	9.59E-03	1.77E-03	7.63E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.41E-10	2.46E-11	1.13E-03	2.04E-05	6.27E-04	1.40E-09	1.33E-05	3.11E-03	7.25E-02	0.00E+00	9.81E-11	1.27E-10	1.47E-05	3.78E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.21E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
NDN116N	2.24E-05	1.08E-02	1.85E-03	7.97E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.05E-05	6.66E-05	0.00E+00	1.95E-04	8.78E-10	2.55E-11	1.18E-03	2.17E-05	6.55E-04	2.63E-09	1.40E-05	3.18E-03	7.61E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	4.04E-07	1.02E-02	0.00E+00	7.61E-02	1.86E-10	7.61E-02	8.63E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-04
NDN116P	3.04E-05	1.59E-02	2.47E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.46E-07	1.40E-05	9.05E-05	0.00E+00	2.62E-04	1.17E-09	3.39E-11	1.57E-03	2.98E-05	8.76E-04	6.03E-09	1.90E-05	4.09E-03	1.03E-01	0.00E+00	1.40E-10	1.81E-10	2.10E-05	5.60E-07	1.37E-02	0.00E+00	1.03E-01	2.48E-10	1.03E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.21E-04
NDN120	2.18E-05	9.74E-03	1.81E-03	7.82E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.62E-10	2.52E-11	1.16E-03	2.09E-05	6.42E-04	1.30E-09	1.36E-05	3.19E-03	7.42E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.86E-07	9.90E-03	0.00E+00	7.42E-02	1.82E-10	7.42E-02	8.41E-02	9.90E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
NDN120A	2.29E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NDN120N	2.23E-05	1.05E-02	1.85E-03	7.97E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.63E-05	0.00E+00	1.95E-04	8.78E-10	2.56E-11	1.18E-03	2.16E-05	6.55E-04	2.17E-09	1.40E-05	3.20E-03	7.60E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	4.00E-07	1.01E-02	0.00E+00	7.60E-02	1.86E-10	7.60E-02	8.61E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	6.00E-04
NDN120P	3.69E-05	2.02E-02	2.98E-03	1.28E-02	0.00E+00	0.00E+00	1.83E-01	1.76E-07	1.68E-05	1.10E-04	0.00E+00	3.16E-04	1.41E-09	4.06E-11	1.88E-03	3.64E-05	1.05E-03	8.94E-09	2.30E-05	4.82E-03	1.24E-01	0.00E+00	1.70E-10	2.19E-10	2.55E-05	6.87E-07	1.66E-02	0.00E+00	1.24E-01	2.98E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NDN125	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
NDN125A	2.28E-05	1.05E-02	1.90E-03	8.18E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.78E-05	0.00E+00	2.00E-04	9.01E-10	2.63E-11	1.22E-03	2.20E-05	6.72E-04	1.83E-09	1.43E-05	3.31E-03	7.78E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.07E-07	1.04E-02	0.00E+00	7.78E-02	1.90E-10	7.78E-02	8.82E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NDN125N	2.22E-05	1.01E-02	1.85E-03	7.97E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.79E-10	2.56E-11	1.18E-03	2.14E-05	6.55E-04	1.62E-09	1.39E-05	3.24E-03	7.58E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.96E-07	1.01E-02	0.00E+00	7.58E-02	1.86E-10	7.58E-02	8.59E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04
NDN125P	3.72E-05	2.04E-02	3.00E-03	1.29E-02	0.00E+00	0.00E+00	1.85E-01	1.77E-07	1.70E-05	1.11E-04	0.00E+00	3.19E-04	1.42E-09	4.09E-11	1.90E-03	3.67E-05	1.06E-03	9.08E-09	2.31E-05	4.85E-03	1.25E-01	0.00E+00	1.72E-10	2.21E-10	2.57E-05	6.93E-07	1.67E-02	0.00E+00	1.25E-01	3.00E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NDN132	1.23E-05	2.83E-03	1.09E-03	4.74E-03	0.00E+00	0.00E+00	6.90E-02	6.46E-08	6.36E-06	3.61E-05	0.00E+00	1.13E-04	5.22E-10	1.57E-11	7.17E-04	1.11E-05	3.88E-04	4.09E-09	7.81E-06	2.23E-03	4.29E-02	0.00E+00	5.63E-11	7.40E-11	8.56E-06	1.93E-07	5.70E-03	0.00E+00	4.29E-02	1.10E-10	4.29E-02	4.86E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NDN132A	1.09E-05	1.88E-03	9.86E-04	4.28E-03	0.00E+00	0.00E+00	6.25E-02	5.83E-08	5.76E-06	3.19E-05	0.00E+00	1.01E-04	4.71E-10	1.42E-11	6.51E-04	9.65E-06	3.50E-04	4.77E-09	6.96E-06	2.08E-03	3.83E-02	0.00E+00	4.99E-11	6.58E-11	7.61E-06	1.66E-07	5.08E-03	0.00E+00	3.83E-02	9.92E-11	3.83E-02	4.34E-02	5.08E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NDN132N	2.05E-05	8.58E-03	1.72E-03	7.43E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.86E-06	6.07E-05	0.00E+00	1.81E-04	8.19E-10	2.40E-11	1.11E-03	1.95E-05	6.10E-04	1.69E-10	1.29E-05	3.10E-03	7.00E-02	0.00E+00	9.43E-11	1.22E-10	1.42E-05	3.58E-07	9.34E-03	0.00E+00	7.00E-02	1.73E-10	7.00E-02	7.94E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	5.48E-04
NDN132P	4.25E-05	2.38E-02	3.42E-03	1.47E-02	0.00E+00	0.00E+00	2.10E-01	2.02E-07	1.93E-05	1.27E-04	0.00E+00	3.64E-04	1.62E-09	4.65E-11	2.16E-03	4.21E-05	1.21E-03	1.12E-08	2.64E-05	5.48E-03	1.43E-01	0.00E+00	1.97E-10	2.52E-10	2.94E-05	7.97E-07	1.91E-02	0.00E+00	1.43E-01	3.42E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NDN140	8.62E-06	2.55E-04	8.16E-04	3.55E-03	0.00E+00	0.00E+00	5.22E-02	4.82E-08	4.81E-06	2.52E-05	0.00E+00	8.26E-05	3.91E-10	1.20E-11	5.45E-04	7.32E-06	2.89E-04	6.04E-09	5.57E-06	1.85E-03	3.09E-02	0.00E+00	3.94E-11	5.25E-11	6.06E-06	1.20E-07	4.09E-03	0.00E+00	3.09E-02	8.21E-11	3.09E-02	3.50E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NDN140A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN140N	2.05E-05	8.58E-03	1.72E-03	7.43E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.86E-06	6.07E-05	0.00E+00	1.81E-04	8.19E-10	2.40E-11	1.11E-03	1.95E-05	6.10E-04	1.69E-10	1.29E-05	3.10E-03	7.00E-02	0.00E+00	9.43E-11	1.22E-10	1.42E-05	3.58E-07	9.34E-03	0.00E+00	7.00E-02	1.73E-10	7.00E-02	7.94E-02	9.34E-03	0.00E+00	0.00E+00	0.00E+00	5.48E-04
NDN140P	4.86E-05	2.79E-02	3.88E-03	1.67E-02	0.00E+00	0.00E+00	2.39E-01	2.29E-07	2.19E-05	1.45E-04	0.00E+00	4.14E-04	1.84E-09	5.28E-11	2.45E-03	4.83E-05	1.37E-03	1.41E-08	3.02E-05	6.13E-03	1.63E-01	0.00E+00	2.25E-10	2.88E-10	3.35E-05	9.17E-07	2.18E-02	0.00E+00	1.63E-01	3.89E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03

NDN150	3.46E-05	1.83E-02	2.81E-03	1.21E-02	0.00E+00	0.00E+00	1.73E-01	1.66E-07	1.59E-05	1.03E-04	0.00E+00	2.98E-04	1.33E-09	3.85E-11	1.79E-03	3.40E-05	9.95E-04	7.17E-09
NDN150A	7.78E-06	3.67E-04	7.52E-04	3.28E-03	0.00E+00	0.00E+00	4.83E-02	4.44E-08	4.46E-06	2.27E-05	0.00E+00	7.57E-05	3.61E-10	1.11E-11	5.06E-04	6.45E-06	2.67E-04	6.53E-09
NDN150N	2.20E-05	9.37E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.53E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.10E-05	6.55E-04	4.23E-10
NDN163	4.58E-05	2.59E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.26E-01	2.17E-07	2.07E-05	1.36E-04	0.00E+00	3.91E-04	1.74E-09	4.99E-11	2.32E-03	4.54E-05	1.30E-03	1.26E-08
NDN163A	2.29E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00
NDN163N	2.20E-05	9.37E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.53E-05	0.00E+00	1.94E-04	8.79E-10	2.57E-11	1.19E-03	2.10E-05	6.55E-04	4.23E-10
NDN163P	4.58E-05	2.59E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.26E-01	2.17E-07	2.07E-05	1.36E-04	0.00E+00	3.91E-04	1.74E-09	4.99E-11	2.32E-03	4.54E-05	1.30E-03	1.26E-08
NDN200	1.99E-05	2.72E-03	1.82E-03	7.92E-03	0.00E+00	0.00E+00	1.16E-01	1.08E-07	1.07E-05	5.83E-05	0.00E+00	1.86E-04	8.71E-10	2.64E-11	1.21E-03	1.74E-05	6.46E-04	1.00E-08
NDN200A	2.16E-05	3.87E-03	1.95E-03	8.47E-03	0.00E+00	0.00E+00	1.24E-01	1.15E-07	1.14E-05	6.33E-05	0.00E+00	2.00E-04	9.33E-10	2.81E-11	1.29E-03	1.92E-05	6.92E-04	9.21E-09
NDN200N	4.42E-05	1.93E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.23E-05	1.31E-03	1.77E-09
NDN201	2.26E-05	4.72E-03	2.03E-03	8.80E-03	0.00E+00	0.00E+00	1.28E-01	1.20E-07	1.18E-05	6.65E-05	0.00E+00	2.09E-04	9.69E-10	2.91E-11	1.33E-03	2.03E-05	7.19E-04	8.45E-09
NDN201N	4.43E-05	1.95E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.24E-05	1.31E-03	2.14E-09
NDN202	1.42E-05	1.05E-03	1.38E-03	6.04E-03	0.00E+00	0.00E+00	8.91E-02	8.19E-08	8.22E-06	4.14E-05	0.00E+00	1.39E-04	6.65E-10	2.06E-11	9.34E-04	1.17E-05	4.92E-04	1.26E-08
NDN202A	1.80E-05	1.53E-03	1.68E-03	7.28E-03	0.00E+00	0.00E+00	1.07E-01	9.90E-08	9.84E-06	5.27E-05	0.00E+00	1.70E-04	8.02E-10	2.44E-11	1.11E-03	1.55E-05	5.94E-04	1.08E-08
NDN202N	4.43E-05	1.95E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.24E-05	1.31E-03	2.14E-09
NDN202P	1.07E-04	6.33E-02	8.50E-03	3.65E-02	0.00E+00	0.00E+00	5.21E-01	5.02E-07	4.79E-05	3.19E-04	0.00E+00	9.08E-04	4.02E-09	1.15E-10	5.35E-03	1.07E-04	3.01E-03	3.44E-08
NDN203	3.33E-06	8.45E-03	5.44E-04	2.44E-03	0.00E+00	0.00E+00	3.80E-02	3.23E-08	3.53E-06	8.80E-06	0.00E+00	4.85E-05	2.68E-10	9.38E-12	4.11E-04	5.62E-07	1.95E-04	1.79E-08
NDN203N	4.43E-05	1.95E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.24E-05	1.31E-03	2.14E-09
NDN204	2.07E-05	3.46E-03	1.89E-03	8.19E-03	0.00E+00	0.00E+00	1.20E-01	1.11E-07	1.10E-05	6.09E-05	0.00E+00	1.93E-04	9.01E-10	2.72E-11	1.25E-03	1.84E-05	6.69E-04	9.35E-09
NDN204A	1.94E-05	2.53E-03	1.78E-03	7.74E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.69E-05	0.00E+00	1.82E-04	8.52E-10	2.58E-11	1.18E-03	1.70E-05	6.32E-04	1.00E-08
NDN204N	4.43E-05	1.95E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.24E-05	1.31E-03	2.14E-09
NDN206	1.93E-05	3.02E-03	1.76E-03	7.64E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.66E-05	0.00E+00	1.80E-04	8.41E-10	2.54E-11	1.16E-03	1.70E-05	6.24E-04	9.05E-09
NDN206A	2.48E-05	6.79E-03	2.18E-03	9.46E-03	0.00E+00	0.00E+00	1.37E-01	1.29E-07	1.27E-05	7.31E-05	0.00E+00	2.26E-04	1.04E-09	3.11E-11	1.43E-03	2.27E-05	7.74E-04	6.36E-09
NDN206N	4.44E-05	2.00E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.32E-04	0.00E+00	3.89E-04	1.76E-09	5.13E-11	2.37E-03	4.27E-05	1.31E-03	2.87E-09
NDN206P	1.04E-04	6.17E-02	8.28E-03	3.55E-02	0.00E+00	0.00E+00	5.07E-01	4.88E-07	4.67E-05	3.11E-04	0.00E+00	8.84E-04	3.92E-09	1.12E-10	5.21E-03	1.04E-04	2.93E-03	3.37E-08
NDN210	4.76E-05	2.29E-02	3.92E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.32E-07	2.24E-05	1.41E-04	0.00E+00	4.14E-04	1.86E-09	5.42E-11	2.51E-03	4.61E-05	1.39E-03	5.67E-09
NDN210A	5.03E-05	2.48E-02	4.14E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.36E-05	1.50E-04	0.00E+00	4.37E-04	1.96E-09	5.70E-11	2.64E-03	4.89E-05	1.46E-03	7.03E-09
NDN210N	4.44E-05	2.00E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.32E-04	0.00E+00	3.89E-04	1.76E-09	5.13E-11	2.37E-03	4.27E-05	1.31E-03	2.87E-09
NDN210P	5.75E-05	2.99E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.89E-01	2.77E-07	2.66E-05	1.71E-04	0.00E+00	4.97E-04	2.22E-09	6.42E-11	2.98E-03	5.63E-05	1.66E-03	1.10E-08
NDN213	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09
NDN216	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09
NDN216A	4.81E-05	2.30E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.46E-01	2.34E-07	2.26E-05	1.43E-04	0.00E+00	4.19E-04	1.88E-09	5.48E-11	2.53E-03	4.65E-05	1.40E-03	5.58E-09
NDN216N	4.43E-05	1.98E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.11E-05	1.32E-04	0.00E+00	3.89E-04	1.76E-09	5.13E-11	2.37E-03	4.26E-05	1.31E-03	2.50E-09
NDN216P	1.61E-05	8.07E-04	1.51E-03	6.57E-03	0.00E+00	0.00E+00	9.64E-02	8.92E-08	8.89E-06	4.69E-05	0.00E+00	1.53E-04	7.23E-10	2.21E-11	1.01E-03	1.37E-05	5.36E-04	1.06E-08
NDN220	4.93E-05	2.35E-02	4.07E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.32E-05	1.46E-04	0.00E+00	4.29E-04	1.93E-09	5.62E-11	2.60E-03	4.77E-05	1.44E-03	5.49E-09
NDN220A	4.35E-05	1.95E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.82E-04	1.72E-09	5.03E-11	2.33E-03	4.18E-05	1.28E-03	2.70E-09
NDN220N	4.42E-05	1.93E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.23E-05	1.31E-03	1.77E-09
NDN220P	6.67E-05	3.56E-02	5.40E-03	2.32E-02	0.00E+00	0.00E+00	3.33E-01	3.19E-07	3.06E-05	1.98E-04	0.00E+00	5.73E-04	2.56E-09	7.39E-11	3.43E-03	6.55E-05	1.91E-03	1.44E-08
NDN225	4.63E-05	2.14E-02	3.84E-03	1.65E-02	0.00E+00	0.00E+00	2.38E-01	2.27E-07	2.19E-05	1.37E-04	0.00E+00	4.05E-04	1.82E-09	5.31E-11	2.46E-03	4.46E-05	1.36E-03	4.04E-09
NDN225A	3.53E-05	1.39E-02	2.99E-03	1.29E-02	0.00E+00	0.00E+00	1.87E-01	1.77E-07	1.72E-05	1.04E-04	0.00E+00	3.13E-04	1.42E-09	4.19E-11	1.93E-03	3.34E-05	1.06E-03	1.34E-09
NDN225N	4.42E-05	1.93E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.23E-05	1.31E-03	1.77E-09
NDN225P	1.78E-05	1.58E-03	1.65E-03	7.20E-03	0.00E+00	0.00E+00	1.05E-01	9.78E-08	9.72E-06	5.21E-05	0.00E+00	1.68E-04	7.92E-10	2.41E-11	1.10E-03	1.54E-05	5.87E-04	1.05E-08
NDN232	2.58E-05	6.58E-03	2.28E-03	9.89E-03	0.00E+00	0.00E+00	1.44E-01	1.35E-07	1.33E-05	7.60E-05	0.00E+00	2.36E-04	1.09E-09	3.26E-11	1.49E-03	2.34E-05	8.09E-04	7.48E-09
NDN232A	1.91E-05	2.00E-03	1.77E-03	7.68E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.04E-05	5.59E-05	0.00E+00	1.80E-04	8.45E-10	2.57E-11	1.17E-03	1.66E-05	6.27E-04	1.08E-08
NDN232N	4.41E-05	1.90E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.15E-11	2.38E-03	4.22E-05	1.31E-03	1.21E-09
NDN232P	9.92E-05	5.75E-02	7.92E-03	3.40E-02	0.00E+00	0.00E+00	4.86E-01	4.67E-07	4.47E-05	2.96E-04	0.00E+00	8.45E-04	3.75E-09	1.08E-10	5.00E-03	9.87E-05	2.80E-03	2.96E-08
NDN240	1.45E-05	1.31E-03	1.42E-03	6.20E-03	0.00E+00	0.00E+00	9.14E-02	8.39E-08	8.44E-06	4.22E-05	0.00E+00	1.42E-04	6.82E-10	2.11E-11	9.59E-04	1.19E-05	5.04E-04	1.33E-08
NDN240A	1.89E-05	1.67E-03	1.76E-03	7.64E-03	0.00E+00	0.00E+00	1.12E-01	1.04E-07	1.03E-05	5.53E-05	0.00E+00	1.79E-04	8.40E-10	2.56E-11	1.17E-03	1.63E-05	6.23E-04	1.12E-08
NDN240N	4.41E-05	1.90E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.15E-11	2.38E-03	4.22E-05	1.31E-03	1.21E-09
NDN240P	1.01E-04	5.87E-02	8.06E-03	3.46E-02	0.00E+00	0.00E+00	4.95E-01	4.76E-07	4.55E-05	3.01E-04	0.00E+00	8.60E-04	3.82E-09	1.09E-10	5.08E-03	1.01E-04	2.85E-03	3.05E-08
NDN250	9.49E-05	5.43E-02	7.60E-03	3.26E-02	0.00E+00	0.00E+00	4.67E-01	4.48E-07	4.29E-05	2.83E-04	0.00E+00	8.09E-04	3.60E-09	1.03E-10	4.80E-03	9.43E-05	2.69E-03	2.72E-08
NDN250A	1.34E-05	2.17E-03	1.34E-03	5.84E-03	0.00E+00	0.00E+00	8.64E-02	7.90E-08	7.98E-06	3.88E-05	0.00E+00	1.33E-04	6.42E-10	2.00E-11	9.07E-04	1.07E-05	4.75E-04	1.40E-08
NDN250N	4.40E-05	1.87E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.15E-11	2.38E-03	4.20E-05	1.31E-03	8.46E-10
NDN250P	9.49E-05	5.43E-02	7.60E-03	3.26E-02	0.00E+00	0.00E+00	4.67E-01	4.48E-07	4.29E-05	2.83E-04	0.00E+00	8.09E-04	3.60E-09	1.03E-10	4.80E-03	9.43E-05	2.69E-03	2.72E-08
NDN263	1.97E-05	2.05E-03	1.82E-03	7.93E-03	0.00E+00	0.00E+00	1.16E-01	1.08E-07	1.07E-05	5.77E-05	0.00E+00	1.86E-04	8.73E-10	2.66E-11	1.21E-03	1.71E-05	6.47E-04	1.11E-08
NDN263A	1.50E-05	1.15E-03	1.46E-03	6.38E-03	0.00E+00	0.00E+00	9.41E-02	8.65E-08	8.69E-06	4.37E-05	0.00E+00	1.47E-04	7.02E-10	2.17E-11	9.87E-04	1.23E-05	5.20E-04	1.34E-08
NDN263N	4.40E-05	1.87E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.18E-07	2.12E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.15E-11	2.38E-03	4.20E-05	1.31E-03	8.46E-10
NDN263P	5.80E-05	2.91E-02	4.75E-03	2.05E-02	0.00E+00	0.00E+00	2.94E-01	2.80E-07	2.70E-05	1.72E-04	0.00E+00	5.03E-04	2.25E-09	6.53E-11	3.03E-03	5.65E-05	1.68E-03	9.17E-09
NDN300	1.57E-06	1.53E-02	5.60E-04	2.57E-03	0.00E+00	0.00E+00	4.15E-02	3.33E-08	3.87E-06	2.93E-06	0.00E+00	4.49E-05	2.81E-10	1.07E-11	4.58E-04	2.73E-06	2.01E-04	2.90E-08
NDN300A	2.56E-06	1.81E-02	2.42E-04	1.21E-03	0.00E+00	0.00E+00	2.22E-02	1.46E-08	2.10E-06	9.43E-06	0.00E+00	1.05E-05	1.31E-10	6.47E-12	2.60E-04	6.96E-06	8.89E-05	3.10E-08
NDN300N	6.80E-05	3.02E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.70E-09	7.88E-11	3.64E-03	6.52E-05	2.01E-03	3.63E-09
NDN301	9.91E-06	9.35E-03	1.20E-03	5.29E-03	0.00E+00	0.00E+00	8.01E-02	7.09E-08	7.42E-06	2.79E-05	0.00E+00	1.14E-04	5.81E-10	1.91E-11	8.53E-04	5.87E-06	4.27E-04	2.45E-08
NDN301A	1.31E-04	7.47E-02	1.05E-02	4.50E-02	0.00E+00	0.00E+00	6.43E-01	6.18E-07	5.92E-05	3.90E-04	0.00E+00	1.12E-03	4.96E-09	1.42E-10	6.61E-03	1.30E-04	3.70E-03	3.72E-08
NDN301N	6.81E-05	3.05E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.69E-09	7.87E-11	3.64E-03	6.54E-05	2.01E-03	4.18E-09
NDN302	2.43E-05	3.63E-04	2.30E-03	1.00E-02	0.00E+00	0.00E+00	1.48E-01	1.36E-07	1.36E-05	7.08E-05	0.00E+00	2.33E-04	1.10E-09	3.39E-11	1.54E-03	2.05E-05	8.18E-04	1.76E-08
NDN302A	2.89E-05	3.53E-03	2.66E-03	1.16E-02	0.00E+00	0.00E+00	1.69E-01	1.57E-07	1.56E-05	8.47E-05	0.00E+00	2.72E-04	1.27E-09	3.86E-11	1.76E-03	2.52E-05	9.44E-04	1.54E-08
NDN302N	6.81E-05	3.05E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.69E-09	7.87E-11	3.64E-03	6.54E-05	2.01E-03	4.18E-09
NDN303	8.26E-07	1.56E-02	4.97E-04	2.30E-03	0.00E+00	0.00E+00	3.76E-02	2.96E-08	3.51E-06	7.32E-07	0.00E+00	3.83E-05	2.51E-10	9.82E-12	4.17E-04	3.43E-06	1.79E-04	2.89E-08
NDN303N	6.81E-05	3.05E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.69E-09	7.87E-11	3.64E-03	6.54E-05	2.01E-03	4.18E-09
NDN304	3.20E-05	5.72E-03	2.90E-03	1.26E-02	0.00E+00	0.00E+00	1.83E-01	1.71E-07	1.69E-05	9.39E-05	0.00E+00	2.97E-04	1.38E-09	4.17E-11	1.91E-03	2.84E-05	1.03E-03	1.37E-08
NDN304A	3.03E-05	4.59E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.89E-05	0.00E+00	2.83E-04	1.32E-09	4.01E-11	1.83E-03	2.67E-05	9.82E-04	1.45E-08
NDN304N	6.81E-05	3.05E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.69E-09	7.87E-11	3.64E-03	6.54E-05	2.01E-03	4.18E-09
NDN304P	1.78E-04	1.07E-01	1.41E-02	6.07E-02	0.00E+00	0.00E+00	8.66E-01	8.34E-07	7.96E-05	5.32E-04	0.00E+00	1.51E-03	6.69E-09	1.91E-10	8.89E-03	1.78E-04	5.00E-03	6.03E-08
NDN306	2.50E-05	1.76E-03	2.33E-03	1.02E-02	0.00E+00	0.00E+00	1.49E-01	1.38E-07	1.37E-05	7.30E-05	0.00E+00	2.37E-04	1.12E-09	3.41E-11	1.55E-03	2.15E-05	8.28E-04	1.56E-08
NDN306A	3.73E-05	1.02E-02	3.29E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.10E-04	0.00E+00	3.40E-04	1.57E-09	4.68E-11	2.15E-03	3.41E-05	1.17E-03	9.56E-09
NDN306N	6.83E-05	3.12E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.03E-04	0.00E+00	5.97E-04	2.69E-09	7.86E-11	3.63E-03	6.57E-05	2.01E-03	5.28E-09
NDN306P	1.49E-04	8.74E-02	1.18E-02	5.08E-02	0.00E+00	0.00E+00	7.26E-01	6.98E-07	6.67E-05	4.43E-04	0.00E+00	1.26E-03	5.60E-09	1.60E-10	7.45E-03	1.48E-04	4.18E-03	4.69E-08
NDN310	7.05E-05	3.37E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.61E-01	3.44E-07	3.32E-05	2.09E-04	0.00E+00	6.15E-04	2.76E-09	8.04E-11	3.72E-03	6.83E-05	2.06E-03	7.98E-09
NDN310A	7.16E-05	3.44E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.48E-07	3.36E-05	2.13E-04	0.00E+00	6.23E-04	2.80E-09	8.15E-11	3.77E-03	6.93E-05	2.09E-03	8.48E-09
NDN310N	6.83E-05	3.12E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.03E-04	0.00E+00	5.97E-04	2.69E-09	7.86E-11	3.63E-03	6.57E-05	2.01E-03	5.28E-09
NDN310P	2.22E-05	5.51E-05	2.12E-03	9.25E-03	0.00E+00	0.00E+00	1.36E-01	1.25E-07	1.25E-05	6.49E-05	0.00E+00	2.14E-04	1.02E-09	3.13E-11	1.42E-03	1.87E-05	7.53E-04	1.69E-08
NDN313	6.30E-05	2.82E-02	5.25E-03	2.26E-02	0.00E+00	0.00E+00	3.26E-01	3.10E-07	3.00E-05	1.87E-04	0.00E+00	5.52E-04	2.49E-09	7.29E-11	3.37E-03	6.05E-05	1.86E-03	3.80E-09
NDN316	7.13E-05	3.39E-02	5.89E-03	2.54E-02	0.00E+00	0.00E+00	3.65E-01	3.48E-07	3.36E-05	2.12E-04	0.00E+00	6.21E-04	2.80E-09	8.13E-11	3.76E-03	6.90E-05	2.08E-03	7.83E-09
NDN316A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00
NDN316N	1.27E-02	8.67E+00	9.80E-01	4.19E+00	0.00E+00	0.00E+00	5.96E+01	5.78E-05	5.47E-03	3.80E-02	0.00E+00	1.06E-01	4.63E-07	1.30E-08	6.10E-01	1.30E-02	3.46E-01	6.18E-06

NDN150	2.16E-05	4.63E-03	1.17E-01	0.00E+00	1.60E-10	2.06E-10	2.39E-05	6.39E-07	1.56E-02	0.00E+00	1.17E-01	2.82E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.35E-04
NDN150A	5.06E-06	1.76E-03	2.81E-02	0.00E+00	3.55E-11	4.76E-11	5.48E-06	1.03E-07	3.72E-03	0.00E+00	2.81E-02	7.57E-11	2.81E-02	3.19E-02	3.72E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
NDN150N	1.38E-05	3.31E-03	7.53E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.86E-07	1.00E-02	0.00E+00	7.53E-02	1.86E-10	7.53E-02	8.53E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.90E-04
NDN163	2.84E-05	5.84E-03	1.54E-01	0.00E+00	2.12E-10	2.72E-10	3.16E-05	8.60E-07	2.06E-02	0.00E+00	1.54E-01	3.68E-10	1.54E-01	1.74E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
NDN163A	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NDN163N	1.38E-05	3.31E-03	7.53E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.86E-07	1.00E-02	0.00E+00	7.53E-02	1.86E-10	7.53E-02	8.53E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.90E-04
NDN163P	2.84E-05	5.84E-03	1.54E-01	0.00E+00	2.12E-10	2.72E-10	3.16E-05	8.60E-07	2.06E-02	0.00E+00	1.54E-01	3.68E-10	1.54E-01	1.74E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
NDN200	1.27E-05	3.91E-03	7.03E-02	0.00E+00	9.11E-11	1.20E-10	1.39E-05	2.97E-07	9.33E-03	0.00E+00	7.03E-02	1.83E-10	7.03E-02	7.97E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.20E-04
NDN200A	1.38E-05	4.09E-03	7.59E-02	0.00E+00	9.89E-11	1.30E-10	1.51E-05	3.30E-07	1.01E-02	0.00E+00	7.59E-02	1.96E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.66E-04
NDN200N	2.77E-05	6.57E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.79E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN201	1.44E-05	4.19E-03	7.93E-02	0.00E+00	1.04E-10	1.36E-10	1.58E-05	3.52E-07	1.05E-02	0.00E+00	7.93E-02	2.04E-10	7.93E-02	8.98E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.94E-04
NDN201N	2.78E-05	6.54E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.82E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN202	9.26E-06	3.28E-03	5.16E-02	0.00E+00	6.49E-11	8.71E-11	1.00E-05	1.85E-07	6.82E-03	0.00E+00	5.16E-02	1.39E-10	5.16E-02	5.84E-02	6.82E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NDN202A	1.16E-05	3.69E-03	6.41E-02	0.00E+00	8.24E-11	1.09E-10	1.26E-05	2.60E-07	8.49E-03	0.00E+00	6.41E-02	1.68E-10	6.41E-02	7.26E-02	8.49E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-04
NDN202N	2.78E-05	6.54E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.82E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN202P	6.63E-05	1.32E-02	3.58E-01	0.00E+00	4.94E-10	6.34E-10	7.38E-05	2.03E-06	4.79E-02	0.00E+00	3.58E-01	8.52E-10	3.58E-01	4.06E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
NDN203	2.55E-06	2.09E-03	1.55E-02	0.00E+00	1.45E-11	2.28E-11	2.54E-06	3.04E-08	1.98E-03	0.00E+00	1.55E-02	5.54E-11	1.55E-02	1.75E-02	1.98E-03	0.00E+00	0.00E+00	0.00E+00	6.77E-05
NDN203N	2.78E-05	6.54E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.82E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN204	1.33E-05	3.98E-03	7.32E-02	0.00E+00	9.52E-11	1.26E-10	1.45E-05	3.15E-07	9.71E-03	0.00E+00	7.32E-02	1.90E-10	7.32E-02	8.29E-02	9.71E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
NDN204A	1.24E-05	3.84E-03	6.87E-02	0.00E+00	8.89E-11	1.18E-10	1.36E-05	2.88E-07	9.11E-03	0.00E+00	6.87E-02	1.79E-10	6.87E-02	7.78E-02	9.11E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04
NDN204N	2.78E-05	6.54E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.82E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN206	1.24E-05	3.74E-03	6.81E-02	0.00E+00	8.85E-11	1.17E-10	1.35E-05	2.91E-07	9.04E-03	0.00E+00	6.81E-02	1.77E-10	6.81E-02	7.72E-02	9.04E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04
NDN206A	1.58E-05	4.34E-03	8.64E-02	0.00E+00	1.14E-10	1.49E-10	1.73E-05	4.01E-07	1.15E-02	0.00E+00	8.64E-02	2.19E-10	8.64E-02	9.79E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
NDN206N	2.78E-05	6.50E-03	1.51E-01	0.00E+00	2.05E-10	2.65E-10	3.08E-05	7.88E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.72E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN206P	6.46E-05	1.28E-02	3.49E-01	0.00E+00	4.81E-10	6.17E-10	7.18E-05	1.98E-06	4.67E-02	0.00E+00	3.49E-01	8.29E-10	3.49E-01	3.95E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.83E-03
NDN210	2.98E-05	6.73E-03	1.62E-01	0.00E+00	2.19E-10	2.83E-10	3.29E-05	8.57E-07	2.16E-02	0.00E+00	1.62E-01	3.93E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
NDN210A	3.15E-05	7.03E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	9.12E-07	2.28E-02	0.00E+00	1.71E-01	4.15E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
NDN210N	2.78E-05	6.50E-03	1.51E-01	0.00E+00	2.05E-10	2.65E-10	3.08E-05	7.88E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.72E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN210P	3.59E-05	7.78E-03	1.94E-01	0.00E+00	2.66E-10	3.42E-10	3.98E-05	1.06E-06	2.60E-02	0.00E+00	1.94E-01	4.70E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
NDN213	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NDN216	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NDN216A	3.01E-05	6.81E-03	1.63E-01	0.00E+00	2.22E-10	2.86E-10	3.33E-05	8.65E-07	2.18E-02	0.00E+00	1.63E-01	3.98E-10	1.63E-01	1.85E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
NDN216N	2.78E-05	6.52E-03	1.51E-01	0.00E+00	2.04E-10	2.65E-10	3.07E-05	7.85E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NDN216P	1.04E-05	3.38E-03	5.74E-02	0.00E+00	7.35E-11	9.77E-11	1.13E-05	2.27E-07	7.60E-03	0.00E+00	5.74E-02	1.52E-10	5.74E-02	6.50E-02	7.60E-03	0.00E+00	0.00E+00	0.00E+00	4.17E-04
NDN220	3.08E-05	7.00E-03	1.67E-01	0.00E+00	2.27E-10	2.94E-10	3.41E-05	8.86E-07	2.23E-02	0.00E+00	1.67E-01	4.08E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NDN220A	2.73E-05	6.38E-03	1.48E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.72E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NDN220N	2.77E-05	6.57E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.79E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN220P	4.15E-05	8.86E-03	2.25E-01	0.00E+00	3.08E-10	3.96E-10	4.61E-05	1.23E-06	3.01E-02	0.00E+00	2.25E-01	5.41E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NDN225	2.90E-05	6.68E-03	1.57E-01	0.00E+00	2.13E-10	2.76E-10	3.21E-05	8.27E-07	2.10E-02	0.00E+00	1.57E-01	3.85E-10	1.57E-01	1.79E-01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
NDN225A	2.22E-05	5.48E-03	1.21E-01	0.00E+00	1.62E-10	2.11E-10	2.45E-05	6.08E-07	1.61E-02	0.00E+00	1.21E-01	3.00E-10	1.21E-01	1.37E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.42E-04
NDN225N	2.77E-05	6.57E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.79E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN225P	1.15E-05	3.64E-03	6.33E-02	0.00E+00	8.15E-11	1.08E-10	1.25E-05	2.58E-07	8.39E-03	0.00E+00	6.33E-02	1.66E-10	6.33E-02	7.17E-02	8.39E-03	0.00E+00	0.00E+00	0.00E+00	4.63E-04
NDN232	1.64E-05	4.58E-03	9.00E-02	0.00E+00	1.18E-10	1.55E-10	1.80E-05	4.12E-07	1.20E-02	0.00E+00	9.00E-02	2.29E-10	9.00E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	6.81E-04
NDN232A	1.23E-05	3.85E-03	6.78E-02	0.00E+00	8.74E-11	1.16E-10	1.34E-05	2.79E-07	8.99E-03	0.00E+00	6.78E-02	1.78E-10	6.78E-02	7.68E-02	8.99E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NDN232N	2.77E-05	6.60E-03	1.51E-01	0.00E+00	2.03E-10	2.64E-10	3.06E-05	7.75E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN232P	6.16E-05	1.25E-02	3.33E-01	0.00E+00	4.59E-10	5.88E-10	6.85E-05	1.88E-06	4.45E-02	0.00E+00	3.33E-01	7.93E-10	3.33E-01	3.77E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
NDN240	9.47E-06	3.39E-03	5.28E-02	0.00E+00	6.63E-11	8.90E-11	1.02E-05	1.87E-07	6.97E-03	0.00E+00	5.28E-02	1.43E-10	5.28E-02	5.97E-02	6.97E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
NDN240A	1.22E-05	3.86E-03	6.72E-02	0.00E+00	8.65E-11	1.15E-10	1.32E-05	2.74E-07	8.91E-03	0.00E+00	6.72E-02	1.77E-10	6.72E-02	7.61E-02	8.91E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
NDN240N	2.77E-05	6.60E-03	1.51E-01	0.00E+00	2.03E-10	2.64E-10	3.06E-05	7.75E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN240P	6.27E-05	1.27E-02	3.39E-01	0.00E+00	4.67E-10	5.99E-10	6.97E-05	1.91E-06	4.53E-02	0.00E+00	3.39E-01	8.07E-10	3.39E-01	3.84E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
NDN250	5.90E-05	1.20E-02	3.19E-01	0.00E+00	4.39E-10	5.63E-10	6.55E-05	1.79E-06	4.26E-02	0.00E+00	3.19E-01	7.61E-10	3.19E-01	3.61E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
NDN250A	8.78E-06	3.28E-03	4.91E-02	0.00E+00	6.11E-11	8.24E-11	9.48E-06	1.64E-07	6.48E-03	0.00E+00	4.91E-02	1.35E-10	4.91E-02	5.56E-02	6.48E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
NDN250N	2.77E-05	6.62E-03	1.51E-01	0.00E+00	2.03E-10	2.63E-10	3.06E-05	7.72E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN250P	5.90E-05	1.20E-02	3.19E-01	0.00E+00	4.39E-10	5.63E-10	6.55E-05	1.79E-06	4.26E-02	0.00E+00	3.19E-01	7.61E-10	3.19E-01	3.61E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
NDN263	1.27E-05	3.98E-03	7.00E-02	0.00E+00	9.03E-11	1.20E-10	1.38E-05	2.88E-07	9.28E-03	0.00E+00	7.00E-02	1.84E-10	7.00E-02	7.93E-02	9.28E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
NDN263A	9.78E-06	3.47E-03	5.45E-02	0.00E+00	6.86E-11	9.20E-11	1.06E-05	1.95E-07	7.20E-03	0.00E+00	5.45E-02	1.47E-10	5.45E-02	6.17E-02	7.20E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
NDN263N	2.77E-05	6.62E-03	1.51E-01	0.00E+00	2.03E-10	2.63E-10	3.06E-05	7.72E-07	2.01E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NDN263P	3.62E-05	8.01E-03	1.96E-01	0.00E+00	2.68E-10	3.45E-10	4.01E-05	1.06E-06	2.62E-02	0.00E+00	1.96E-01	4.76E-10	1.96E-01	2.23E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
NDN300	1.73E-06	2.81E-03	1.21E-02	0.00E+00	5.89E-12	1.42E-11	1.47E-06	1.16E-07	1.47E-03	0.00E+00	1.21E-02	5.75E-11	1.21E-02	1.35E-02	1.47E-03	0.00E+00	0.00E+00	0.00E+00	7.44E-06
NDN300A	8.12E-07	2.36E-03	1.59E-03	0.00E+00	1.32E-11	1.02E-11	1.37E-06	1.98E-07	3.67E-04	0.00E+00	1.59E-03	2.56E-11	1.59E-03	1.96E-03	3.67E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
NDN300N	4.26E-05	1.00E-02	2.32E-01	0.00E+00	3.13E-10	4.06E-10	4.71E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NDN301	6.86E-06	3.68E-03	3.96E-02	0.00E+00	4.46E-11	6.33E-11	7.20E-06	5.18E-08	5.16E-03	0.00E+00	3.96E-02	1.21E-10	3.96E-02	4.48E-02	5.16E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NDN301A	8.13E-05	1.66E-02	4.39E-01	0.00E+00	6.05E-10	7.76E-10	9.03E-05	2.46E-06	5.87E-02	0.00E+00	4.39E-01	1.05E-09	4.39E-01	4.98E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
NDN301N	4.27E-05	9.98E-03	2.32E-01	0.00E+00	3.14E-10	4.06E-10	4.72E-05	1.21E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN302	1.57E-05	5.25E-03	8.71E-02	0.00E+00	1.11E-10	1.48E-10	1.71E-05	3.36E-07	1.15E-02	0.00E+00	8.71E-02	2.32E-10	8.71E-02	9.87E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.28E-04
NDN302A	1.86E-05	5.76E-03	1.02E-01	0.00E+00	1.32E-10	1.75E-10	2.02E-05	4.27E-07	1.36E-02	0.00E+00	1.02E-01	2.68E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-04
NDN302N	4.27E-05	9.98E-03	2.32E-01	0.00E+00	3.14E-10	4.06E-10	4.72E-05	1.21E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN303	1.26E-06	2.69E-03	9.52E-03	0.00E+00	2.47E-12	9.71E-12	9.50E-07	1.29E-07	1.13E-03	0.00E+00	9.52E-03	5.11E-11	9.52E-03	1.06E-02	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-05
NDN303N	4.27E-05	9.98E-03	2.32E-01	0.00E+00	3.14E-10	4.06E-10	4.72E-05	1.21E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN304	2.04E-05	6.07E-03	1.13E-01	0.00E+00	1.47E-10	1.93E-10	2.24E-05	4.89E-07	1.49E-02	0.00E+00	1.13E-01	2.91E-10	1.13E-01	1.28E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.39E-04
NDN304A	1.94E-05	5.90E-03	1.07E-01	0.00E+00	1.39E-10	1.84E-10	2.12E-05	4.56E-07	1.42E-02	0.00E+00	1.07E-01	2.78E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-04
NDN304N	4.27E-05	9.98E-03	2.32E-01	0.00E+00	3.14E-10	4.06E-10	4.72E-05	1.21E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN304P	1.11E-04	2.18E-02	5.96E-01	0.00E+00	8.24E-10	1.06E-09	1.23E-04	3.41E-06	7.98E-02	0.00E+00	5.96E-01	1.42E-09	5.96E-01	6.76E-01	7.98E-02	0.00E+00	0.00E+00	0.00E+00	4.84E-03
NDN306	1.61E-05	5.18E-03	8.90E-02	0.00E+00	1.14E-10	1.52E-10	1.75E-05	3.58E-07	1.18E-02	0.00E+00	8.90E-02	2.35E-10	8.90E-02	1.01E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-04
NDN306A	2.37E-05	6.53E-03	1.30E-01	0.00E+00	1.72E-10	2.25E-10	2.60E-05	6.04E-07	1.73E-02	0.00E+00	1.30E-01	3.30E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	9.88E-04
NDN306N	4.28E-05	9.91E-03	2.32E-01	0.00E+00	3.15E-10	4.07E-10	4.73E-05	1.22E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.64E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN306P	9.22E-05	1.84E-02	4.98E-01	0.00E+00	6.87E-10	8.81E-10	1.03E-04	2.82E-06	6.66E-02	0.00E+00	4.98E-01	1.18E-09	4.98E-01	5.65E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
NDN310	4.41E-05	1.00E-02	2.40E-01	0.00E+00	3.25E-10	4.20E-10	4.88E-05	1.27E-06	3.20E-02	0.00E+00	2.40E-01	5.84E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
NDN310A	4.48E-05	1.01E-02	2.43E-01	0.00E+00	3.30E-10	4.26E-10	4.96E-05	1.29E-06	3.24E-02	0.00E+00	2.43E-01	5.92E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
NDN310N	4.28E-05	9.91E-03	2.32E-01	0.00E+00	3.15E-10	4.07E-10	4.73E-05	1.22E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.64E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
NDN310P	1.44E-05	4.87E-03	8.00E-02	0.00E+00	1.02E-10	1.36E-10	1.56E-05	3.04E-07	1.06E-02	0.00E+00	8.00E-02	2.14E-10	8.00E-02	9.06E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	5.75E-04
NDN313	3.95E-05	9.24E-03	2.15E-01	0.00E+00	2.90E-10	3.76E-10	4.37E-05	1.12E-06	2.87E-02	0.00E+00	2.15E-01	5.27E-10	2.15E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
NDN316	4.46E-05	1.01E-02	2.42E-01	0.00E+00	3.29E-10	4.25E-10	4.94E-05	1.28E-06	3.23E-02	0.00E+00	2.42E-01	5.90E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
NDN316A	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN316N	7.83E-03	1.39E+00	4.21E+01	0.00E+00	5.89E-08	7.50E-08	8.74E-03	2.52E-04	5.64E+00	0.00E+00	4.21E+01	9.80E-08	4.21E+01	4.77E+01	5.64E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01

NDN316P	7.78E-06	1.04E-02	1.02E-03	4.54E-03	0.00E+00	0.00E+00	6.93E-02	6.05E-08	6.42E-06	2.16E-05	0.00E+00	9.53E-05	4.98E-10	1.67E-11	7.41E-04	3.80E-06	3.64E-04	2.47E-08	5.53E-06	3.38E-03	3.24E-02	0.00E+00	3.47E-11	5.06E-11	5.73E-06	1.32E-08	4.19E-03	0.00E+00	3.24E-02	1.04E-10	3.24E-02	3.66E-02	4.19E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
NDN320	6.86E-05	3.15E-02	5.70E-03	2.46E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.04E-04	0.00E+00	6.00E-04	2.71E-09	7.89E-11	3.65E-03	6.61E-05	2.02E-03	5.52E-09	4.30E-05	9.94E-03	2.34E-01	0.00E+00	3.16E-10	4.09E-10	4.75E-05	1.22E-06	3.12E-02	0.00E+00	2.34E-01	5.71E-10	2.34E-01	2.65E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NDN320A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN320N	6.80E-05	3.02E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.70E-09	7.88E-11	3.64E-03	6.52E-05	2.01E-03	3.63E-09	4.26E-05	1.00E-02	2.32E-01	0.00E+00	3.13E-10	4.06E-10	4.71E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NDN320P	9.89E-05	5.27E-02	8.03E-03	3.45E-02	0.00E+00	0.00E+00	4.95E-01	4.74E-07	4.55E-05	2.94E-04	0.00E+00	8.52E-04	3.80E-09	1.10E-10	5.09E-03	9.72E-05	2.84E-03	2.11E-08	6.17E-05	1.32E-02	3.34E-01	0.00E+00	4.57E-10	5.88E-10	6.84E-05	1.83E-06	4.46E-02	0.00E+00	3.34E-01	8.04E-10	3.34E-01	3.78E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
NDN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN325A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN325N	6.80E-05	3.02E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.97E-04	2.70E-09	7.88E-11	3.64E-03	6.52E-05	2.01E-03	3.63E-09	4.26E-05	1.00E-02	2.32E-01	0.00E+00	3.13E-10	4.06E-10	4.71E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NDN325P	1.03E-04	5.54E-02	8.33E-03	3.58E-02	0.00E+00	0.00E+00	5.13E-01	4.92E-07	4.72E-05	3.06E-04	0.00E+00	8.85E-04	3.95E-09	1.14E-10	5.28E-03	1.01E-04	2.95E-03	2.30E-08	6.41E-05	1.36E-02	3.47E-01	0.00E+00	4.75E-10	6.12E-10	7.11E-05	1.91E-06	4.64E-02	0.00E+00	3.47E-01	8.35E-10	3.47E-01	3.93E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	2.78E-03
NDN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN332N	6.78E-05	2.97E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.01E-04	0.00E+00	5.96E-04	2.70E-09	7.88E-11	3.64E-03	6.50E-05	2.01E-03	2.89E-09	4.26E-05	1.01E-02	2.32E-01	0.00E+00	3.13E-10	4.05E-10	4.70E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NDN332P	1.35E-04	7.64E-02	1.08E-02	4.64E-02	0.00E+00	0.00E+00	6.63E-01	6.37E-07	6.10E-05	4.01E-04	0.00E+00	1.15E-03	5.11E-09	1.47E-10	6.82E-03	1.34E-04	3.82E-03	3.73E-08	8.37E-05	1.72E-02	4.52E-01	0.00E+00	6.22E-10	7.99E-10	9.29E-05	2.53E-06	6.05E-02	0.00E+00	4.52E-01	1.08E-09	4.52E-01	5.13E-01	6.05E-02	0.00E+00	0.00E+00	0.00E+00	3.65E-03
NDN340	2.36E-05	7.59E-04	2.27E-03	9.89E-03	0.00E+00	0.00E+00	1.46E-01	1.34E-07	1.34E-05	6.87E-05	0.00E+00	2.29E-04	1.09E-09	3.36E-11	1.52E-03	1.96E-05	8.05E-04	1.91E-08	1.53E-05	5.28E-03	8.51E-02	0.00E+00	1.08E-10	1.44E-10	1.66E-05	3.16E-07	1.13E-02	0.00E+00	8.51E-02	2.28E-10	8.51E-02	9.64E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-04
NDN340A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN340N	6.78E-05	2.97E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.01E-04	0.00E+00	5.96E-04	2.70E-09	7.88E-11	3.64E-03	6.50E-05	2.01E-03	2.89E-09	4.26E-05	1.01E-02	2.32E-01	0.00E+00	3.13E-10	4.05E-10	4.70E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NDN340P	1.52E-04	8.83E-02	1.21E-02	5.21E-02	0.00E+00	0.00E+00	7.45E-01	7.16E-07	6.85E-05	4.53E-04	0.00E+00	1.29E-03	5.75E-09	1.65E-10	7.65E-03	1.51E-04	4.29E-03	4.59E-08	9.44E-05	1.91E-02	5.10E-01	0.00E+00	7.03E-10	9.02E-10	1.05E-04	2.88E-06	6.82E-02	0.00E+00	5.10E-01	1.22E-09	5.10E-01	5.78E-01	6.82E-02	0.00E+00	0.00E+00	0.00E+00	4.12E-03
NDN350	1.51E-05	6.73E-03	1.62E-03	7.12E-03	0.00E+00	0.00E+00	1.06E-01	9.60E-08	9.83E-06	4.34E-05	0.00E+00	1.59E-04	7.83E-10	2.50E-11	1.12E-03	1.09E-05	5.77E-04	2.36E-08	1.01E-05	4.39E-03	5.72E-02	0.00E+00	6.85E-11	9.42E-11	1.08E-05	1.46E-07	7.51E-03	0.00E+00	5.72E-02	1.64E-10	5.72E-02	6.47E-02	7.51E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
NDN350A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN350N	6.77E-05	2.94E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.35E-07	3.25E-05	2.01E-04	0.00E+00	5.96E-04	2.70E-09	7.89E-11	3.64E-03	6.48E-05	2.01E-03	2.34E-09	4.25E-05	1.01E-02	2.31E-01	0.00E+00	3.12E-10	4.05E-10	4.70E-05	1.19E-06	3.09E-02	0.00E+00	2.31E-01	5.69E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
NDN350P	1.48E-04	8.55E-02	1.19E-02	5.09E-02	0.00E+00	0.00E+00	7.28E-01	7.00E-07	6.70E-05	4.42E-04	0.00E+00	1.26E-03	5.62E-09	1.61E-10	7.48E-03	1.48E-04	4.20E-03	4.36E-08	9.22E-05	1.87E-02	4.98E-01	0.00E+00	6.86E-10	8.80E-10	1.02E-04	2.80E-06	6.66E-02	0.00E+00	4.98E-01	1.19E-09	4.98E-01	5.64E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
NDN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN363A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN363N	6.77E-05	2.94E-02	5.67E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.35E-07	3.25E-05	2.01E-04	0.00E+00	5.96E-04	2.70E-09	7.89E-11	3.64E-03	6.48E-05	2.01E-03	2.34E-09	4.25E-05	1.01E-02	2.31E-01	0.00E+00	3.12E-10	4.05E-10	4.70E-05	1.19E-06	3.09E-02	0.00E+00	2.31E-01	5.69E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
NDN363P	6.92E-05	3.07E-02	5.78E-03	2.49E-02	0.00E+00	0.00E+00	3.59E-01	3.41E-07	3.30E-05	2.05E-04	0.00E+00	6.07E-04	2.74E-09	8.02E-11	3.70E-03	6.64E-05	2.04E-03	3.63E-09	4.34E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-10	4.13E-10	4.80E-05	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.79E-10	2.36E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
NDN400	3.74E-05	3.84E-03	3.46E-03	1.51E-02	0.00E+00	0.00E+00	2.20E-01	2.05E-07	2.03E-05	1.10E-04	0.00E+00	3.53E-04	1.66E-09	5.04E-11	2.30E-03	3.25E-05	1.23E-03	2.12E-08	2.41E-05	7.57E-03	1.33E-01	0.00E+00	1.71E-10	2.27E-10	2.62E-05	5.47E-07	1.76E-02	0.00E+00	1.33E-01	3.48E-10	1.33E-01	1.51E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	9.75E-04
NDN400N	8.84E-05	3.87E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.47E-05	2.62E-03	3.70E-09	5.55E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN401	5.51E-05	1.62E-02	4.82E-03	2.09E-02	0.00E+00	0.00E+00	3.03E-01	2.85E-07	2.79E-05	1.63E-04	0.00E+00	5.00E-04	2.30E-09	6.84E-11	3.14E-03	5.07E-05	1.71E-03	1.21E-08	3.50E-05	9.45E-03	1.91E-01	0.00E+00	2.53E-10	3.31E-10	3.84E-05	9.01E-07	2.55E-02	0.00E+00	1.91E-01	4.84E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NDN401N	8.86E-05	3.92E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.49E-05	2.62E-03	4.44E-09	5.56E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.29E-10	6.14E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN402	2.28E-08	2.15E-02	5.77E-04	2.70E-03	0.00E+00	0.00E+00	4.49E-02	3.44E-08	4.20E-06	2.39E-06	0.00E+00	4.17E-05	2.94E-10	1.20E-11	5.03E-04	5.73E-06	2.08E-04	3.91E-08	9.95E-07	3.47E-03	8.99E-03	0.00E+00	1.92E-12	6.33E-12	4.95E-07	1.94E-07	1.00E-03	0.00E+00	8.99E-03	5.95E-11	8.99E-03	9.99E-03	1.00E-03	0.00E+00	0.00E+00	0.00E+00	4.73E-05
NDN402A	9.64E-05	4.43E-02	8.01E-03	3.45E-02	0.00E+00	0.00E+00	4.96E-01	4.73E-07	4.57E-05	2.86E-04	0.00E+00	8.43E-04	3.80E-09	1.11E-10	5.12E-03	9.29E-05	2.83E-03	7.93E-09	6.04E-05	1.40E-02	3.28E-01	0.00E+00	4.45E-10	5.75E-10	6.68E-05	1.72E-06	4.38E-02	0.00E+00	3.28E-01	8.03E-10	3.28E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
NDN402N	8.86E-05	3.92E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.49E-05	2.62E-03	4.44E-09	5.56E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.29E-10	6.14E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN403	1.55E-05	1.08E-02	1.77E-03	7.79E-03	0.00E+00	0.00E+00	1.17E-01	1.05E-07	1.08E-05	4.40E-05	0.00E+00	1.70E-04	8.55E-10	2.78E-11	1.24E-03	1.01E-05	6.29E-04	3.13E-08	1.05E-05	5.13E-03	6.02E-02	0.00E+00	6.98E-11	9.76E-11	1.11E-05	1.14E-07	7.87E-03	0.00E+00	6.02E-02	1.79E-10	6.02E-02	6.81E-02	7.87E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
NDN403N	8.86E-05	3.92E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.49E-05	2.62E-03	4.44E-09	5.56E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.29E-10	6.14E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN404	6.62E-06	1.69E-02	1.09E-03	4.88E-03	0.00E+00	0.00E+00	7.58E-02	6.44E-08	7.04E-06	1.75E-05	0.00E+00	9.68E-05	5.34E-10	1.87E-11	8.20E-04	1.09E-06	3.88E-04	3.57E-08	5.08E-06	4.17E-03	3.09E-02	0.00E+00	2.89E-11	4.55E-11	5.06E-06	6.14E-08	3.95E-03	0.00E+00	3.09E-02	1.10E-10	3.09E-02	3.49E-02	3.95E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-04
NDN404A	8.65E-05	3.77E-02	7.24E-03	3.12E-02	0.00E+00	0.00E+00	4.50E-01	4.27E-07	4.14E-05	2.57E-04	0.00E+00	7.61E-04	3.44E-09	1.01E-10	4.65E-03	8.28E-05	2.56E-03	3.27E-09	5.43E-05	1.29E-02	2.95E-01	0.00E+00	3.99E-10	5.17E-10	6.00E-05	1.52E-06	3.94E-02	0.00E+00	2.95E-01	7.26E-10	2.95E-01	3.35E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN404N	8.86E-05	3.92E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.49E-05	2.62E-03	4.44E-09	5.56E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.29E-10	6.14E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN406	3.55E-05	3.96E-03	3.28E-03	1.43E-02	0.00E+00	0.00E+00	2.09E-01	1.94E-07	1.93E-05	1.04E-04	0.00E+00	3.35E-04	1.57E-09	4.78E-11	2.18E-03	3.10E-05	1.17E-03	1.96E-08	2.28E-05	7.14E-03	1.26E-01	0.00E+00	1.63E-10	2.16E-10	2.49E-05	5.23E-07	1.67E-02	0.00E+00	1.26E-01	3.30E-10	1.26E-01	1.43E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04
NDN406A	5.11E-05	1.46E-02	4.48E-03	1.94E-02	0.00E+00	0.00E+00	2.82E-01	2.65E-07	2.60E-05	1.51E-04	0.00E+00	4.64E-04	2.14E-09	6.37E-11	2.93E-03	4.69E-05	1.59E-03	1.20E-08	3.24E-05	8.84E-03	1.78E-01	0.00E+00	2.35E-10	3.08E-10	3.56E-05	8.31E-07	2.36E-02	0.00E+00	1.78E-01	4.50E-10	1.78E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
NDN406N	8.88E-05	4.01E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.22E-05	2.64E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.54E-05	2.62E-03	5.91E-09	5.57E-05	1.30E-02	3.03E-01	0.00E+00	4.10E-10	5.30E-10	6.16E-05	1.58E-06	4.04E-02	0.00E+00	3.03E-01	7.42E-10	3.03E-01	3.43E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
NDN406P	2.03E-04	1.20E-01	1.61E-02	6.92E-02	0.00E+00	0.00E+00	9.88E-01	9.50E-07	9.08E-05	6.04E-04	0.00E+00	1.72E-03	7.62E-09	2.18E-10	1.01E-02	2.02E-04	5.70E-03	6.48E-08	1.26E-04	2.51E-02	6.78E-01	0.00E+00	9.36E-10	1.20E-09	1.40E-04	3.85E-06	9.08E-02	0.00E+00	6.78E-01	1.61E-09	6.78E-01	7.69E-01	9.08E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-03
NDN410	1.34E-04	7.29E-02	1.08E-02	4.66E-02	0.00E+00	0.00E+00	6.67E-01	6.39E-07	6.14E-05	3.99E-04	0.00E+00	1.15E-03	5.13E-09	1.48E-10	6.87E-03	1.32E-04	3.83E-03	3.14E-08	8.35E-05	1.76E-02	4.52E-01	0.00E+00	6.19E-10	7.97E-10	9.27E-05	2.49E-06	6.04E-02	0.00E+00	4.52E-01	1.09E-09	4.52E-01	5.12E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
NDN410A	8.63E-05	3.96E-02	7.17E-03	3.09E-02	0.00E+00	0.00E+00	4.45E-01	4.23E-07	4.09E-05	2.56E-04	0.00E+00	7.55E-04	3.41E-09	9.93E-11	4.59E-03	8.32E-05	2.54E-03	6.96E-09	5.41E-05	1.25E-02	2.94E-01	0.00E+00	3.98E-10	5.15E-10	5.98E-05	1.54E-06	3.92E-02	0.00E+00	2.94E-01	7.19E-10	2.94E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN410N	8.88E-05	4.01E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.22E-05	2.64E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.54E-05	2.62E-03	5.91E-09	5.57E-05	1.30E-02	3.03E-01	0.00E+00	4.10E-10	5.30E-10	6.16E-05	1.58E-06	4.04E-02	0.00E+00	3.03E-01	7.42E-10	3.03E-01	3.43E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
NDN410P	1.34E-04	7.29E-02	1.08E-02	4.66E-02	0.00E+00	0.00E+00	6.67E-01	6.39E-07	6.14E-05	3.99E-04	0.00E+00	1.15E-03	5.13E-09	1.48E-10	6.87E-03	1.32E-04	3.83E-03	3.14E-08	8.35E-05	1.76E-02	4.52E-01	0.00E+00	6.19E-10	7.97E-10	9.27E-05	2.49E-06	6.04E-02	0.00E+00	4.52E-01	1.09E-09	4.52E-01	5.12E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
NDN413	8.42E-05	3.79E-02	7.02E-03	3.02E-02	0.00E+00	0.00E+00	4.35E-01	4.14E-07	4.01E-05	2.50E-04	0.00E+00	7.38E-04	3.33E-09	9.73E-11	4.50E-03	8.09E-05	2.48E-03	5.33E-09	5.28E-05	1.23E-02	2.87E-01	0.00E+00	3.88E-10	5.02E-10	5.84E-05	1.49E-06	3.83E-02	0.00E+00	2.87E-01	7.04E-10	2.87E-01	3.25E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NDN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN416A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN416N	8.87E-05	3.96E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.78E-04	3.51E-09	1.03E-10	4.74E-03	8.51E-05	2.62E-03	5.17E-09	5.56E-05	1.30E-02	3.02E-01	0.00E+00	4.09E-10	5.29E-10	6.15E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.43E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
NDN416P	6.87E-05	2.70E-02	5.83E-03	2.52E-02	0.00E+00	0.00E+00	3.64E-01	3.44E-07	3.35E-05	2.04E-04	0.00E+00	6.10E-04	2.77E-09	8.16E-11	3.76E-03	6.50E-05	2.07E-03	2.80E-09	4.33E-05	1.07E-02	2.36E-01	0.00E+00	3.17E-10	4.11E-10	4.77E-05	1.18E-06	3.15E-02	0.00E+00	2.36E-01	5.85E-10	2.36E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NDN420	9.81E-05	4.66E-02	8.11E-03	3.49E-02	0.00E+00	0.00E+00	5.02E-01	4.78E-07	4.62E-05	2.91E-04	0.00E+00	8.55E-04	3.85E-09	1.12E-10	5.18E-03	9.49E-05	2.87E-03	1.08E-08	6.14E-05	1.40E-02	3.33E-01	0.00E+00	4.52E-10	5.85E-10	6.79E-05	1.76E-06	4.45E-02	0.00E+00	3.33E-01	8.13E-10	3.33E-01	3.78E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
NDN420A	9.48E-05	4.44E-02	7.85E-03	3.38E-02	0.00E+00	0.00E+00	4.87E-01	4.64E-07	4.48E-05	2.81E-04	0.00E+00	8.28E-04	3.73E-09	1.09E-10	5.02E-03	9.15E-05	2.78E-03	9.17E-09	5.94E-05	1.36E-02	3.22E-01	0.00E+00	4.37E-10	5.65E-10	6.57E-05	1.70E-06	4.30E-02	0.00E+00	3.22E-01	7.87E-10	3.22E-01	3.65E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
NDN420N	8.84E-05	3.87E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.47E-05	2.62E-03	3.70E-09	5.55E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN420P	1.35E-04	7.22E-02	1.09E-02	4.69E-02	0.00E+00	0.00E+00	6.73E-01	6.44E-07	6.19E-05	4.01E-04	0.00E+00	1.16E-03	5.17E-09	1.49E-10	6.92E-03	1.33E-04	3.86E-03	2.97E-08	8.39E-05	1.79E-02	4.54E-01	0.00E+00	6.22E-10	8.01E-10	9.31E-05	2.50E-06	6.07E-02	0.00E+00	4.54E-01	1.09E-09	4.54E-01	5.15E-01	6.07E-02	0.00E+00	0.00E+00	0.00E+00	3.64E-03
NDN425	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN425A	8.92E-05	4.06E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.61E-01	4.38E-07	4.24E-05	2.65E-04	0.00E+00	7.82E-04	3.53E-09	1.03E-10	4.76E-03	8.59E-05	2.63E-03	6.46E-09	5.59E-05	1.30E-02	3.04E-01	0.00E+00	4.12E-10	5.33E-10	6.19E-05	1.59E-06	4.06E-02	0.00E+00	3.04E-01	7.45E-10	3.04E-01	3.45E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
NDN425N	8.84E-05	3.87E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.47E-05	2.62E-03	3.70E-09	5.55E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NDN425P	8.74E-06	1.57E-02	1.26E-03	5.61E-03	0.00E+00	0.00E+00	8.63E-02	7.45E-08	8.01E-06	2.38E-05	0.00E+00	1.15E-04	6.15E-10	2.10E-11	9.27E-04	3.18E-06	4.49E-04	3.52E-08	6.40E-06	4.45E-03	3.81E-02	0.00E+00	3.86E-11	5.80E-11	6.52E-06	2.19E-08	4.90E-03	0.00E+00	3.81E-02	1.28E-10	3.81E-02	4.30E-02	4.90E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04
NDN432	5.23E-05	1.36E-02	4.62E-03	2.00E-02	0.00E+00	0.00E+00	2.91E-01	2.73E-07	2.68E-05	1.54E-04	0.00E+00	4.78E-04	2.20E-09	6.59E-11	3.02E-03	4.76E-05	1.64E-03	1.47E-08	3.32E-05	9.25E-03	1.82E-01	0.00E+00	2.40E-10	3.15E-10	3.65E-05	8.38E-07	2.42E-02	0.00E+00	1.82E-01	4.64E-10	1.82E-01	2.07E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
NDN432A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN432N	8.82E-05	3.80E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.43E-05	2.62E-03	2.60E-09	5.54E-05	1.32E-02	3.01E-01	0.00E+00	4.07E-10	5.27E-10	6.12E-05	1.55E-06	4.02E-02	0.00E+00	3.01E-01	7.42E-10	3.01E-01	3.42E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
NDN432P	1.80E-04	1.02E-01	1.44E-02	6.19E-02	0.00E+00	0.00E+00	8.85E-01	8.50E-07	8.14E-05	5.36E-04	0.00E+00	1.53E-03	6.82E-09	1.96E-10	9.10E-03	1.78E-04	5.10E-03	5.01E-08	1.12E-04	2.29E-02	6.04E-01	0.00E+00	8.31E-10	1.07E-09	1.24E-04	3.38E-06	8.08E-02	0.00E+00	6.04E-01	1.44E-09	6.04E-01	6.85E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-03
NDN440	3.79E-05	3.47E-03	3.52E-03	1.53E-02	0.00E+00	0.00E+00	2.24E-01	2.08E-07	2.07E-05	1.11E-04	0.00E+00	3.58E-04	1.68E-09	5.13E-11	2.34E-03	3.28E-05	1.25E-03	2.22E-08	2.44E-05	7.73E-03	1.35E-01	0.00E+00	1.73E-10	2.30E-10	2.66E-05	5.50E-07	1.79E-02	0.00E+00	1.35E-01	3.54E-10	1.35E-01	1.53E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	9.87E-04
NDN440A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NDN440N	8.82E-05	3.80E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.43E-05	2.62E-03	2.60E-09	5.54E-05	1.32E-02	3.01E-01	0.00E+00	4.07E-10	5.27E-10	6.12E-05	1.55E-06	4.02E-02	0.00E+00	3.01E-01	7.42E-10	3.01E-01	3.42E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
NDN440P	2.04E-04	1.19E-01	1.63E-02	6.99E-02	0.00E+00	0.00E+00	9.98E-01	9.60E-07	9.18E-05	6.08E-04	0.00E+00	1.74E-03	7.70E-09	2.21E-10	1.03E-02	2.03E-04	5.75E-03	6.19E-08	1.27E-04	2.55E-02	6.84E-01	0.00E+00	9.43E-10	1.21E-09	1.41E-04	3.86E-06	9.15E-02	0.00E+00	6.84E-01	1.63E-09	6.84E-01	7.75E-01	9.15E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-03
NDN450	3.78E-05	3.19E-03	3.52E-03	1.53E-02	0.00E+00	0.00E+00	2.24E-01	2.08E-07	2.07E-05	1.11E-04	0.00E+00	3.58E-04	1.68E-09	5.13E-11	2.34E-03	3.26E-05	1.25E-03	2.27E-08	2.43E-05	7.76E-03	1.35E-01	0.00E+00	1.73E-10	2.30E-10	2.65E-05	5.46E-07	1.78E-02	0.00E+00	1.35E-01	3.54E-10	1.35E-01	1.52E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	9.84E-04
NDN450A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NDN450N	8.81E-05	3.76E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.61E-04	0.00E+00	7.76E-04	3.51E-09	1.03E-10	4.75E-03	8.41E-05	2.62E-03	1.86E-09	5.53E-05	1.32E-02	3.01E-01	0.00E+00	4.06E-10	5.26E-10	6.11E-05	1.54E-06	4.02E-02	0.00E+00	3.01E-01	7.42E-10	3.01E-01	3.41E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
NDN450P	1.09E-04	5.22E-02	8.98E-03	3.87E-02	0.00E+00	0.00E+00	5.56E-01	5.30E-07	5.11E-05	3.23E-04	0.00E+00	9.47E-04	4.26E-09	1.24E-10	5.73E-03	1.05E-04	3.18E-03	1.29E-08	6.80E-05	1.54E-02	3.69E-01	0.00E+00	5.02E-10	6.48E-10	7.53E-05	1.96E-06	4.93E-02	0.00E+00	3.69E-01	9.00E-10	3.69E-01	4.19E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	2.93E-03
NDN463	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN463A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN463N	8.81E-05	3.76E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.61E-04	0.00E+00	7.76E-04	3.51E-09	1.03E-10	4.75E-03	8.41E-05	2.62E-03	1.86E-09	5.53E-05	1.32E-02	3.01E-01	0.00E+00	4.06E-10	5.26E-10	6.11E-05	1.54E-06	4.02E-02	0.00E+00	3.01E-01	7.42E-10	3.01E-01	3.41E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
NDN463P	1.97E-04	1.14E-01	1.58E-02	6.77E-02	0.00E+00	0.00E+00	9.67E-01	9.29E-07	8.89E-05	5.87E-04	0.00E+00	1.68E-03	7.46E-09	2.14E-10	9.94E-03	1.96E-04	5.57E-03	5.79E-08	1.22E-04	2.48E-02	6.61E-01	0.00E+00	9.11E-10	1.17E-09	1.36E-04	3.72E-06	8.85E-02	0.00E+00	6.61E-01	1.58E-09	6.61E-01	7.50E-01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	5.34E-03
NEN106	2.42E-05	1.14E-02	2.01E-03	8.64E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.14E-05	7.20E-05	0.00E+00	2.11E-04	9.52E-10	2.77E-11	1.28E-03	2.34E-05	7.10E-04	2.51E-09	1.52E-05	3.46E-03	8.24E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.35E-07	1.10E-02	0.00E+00	8.24E-02	2.01E-10	8.24E-02	9.34E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-04
NEN110	2.55E-05	1.13E-02	2.13E-03	9.19E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.58E-05	0.00E+00	2.24E-04	1.01E-09	2.96E-11	1.37E-03	2.45E-05	7.55E-04	0.00E+00	1.59E-05	3.77E-03	8.71E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.52E-07	1.16E-02	0.00E+00	8.71E-02	2.14E-10	8.71E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.85E-04
NEN113	6.23E-05	3.77E-02	4.94E-03	2.12E-02	0.00E+00	0.00E+00	3.02E-01	2.91E-07	2.78E-05	1.86E-04	0.00E+00	5.28E-04	2.34E-09	6.67E-11	3.10E-03	6.25E-05	1.75E-03	2.15E-08	3.86E-05	7.58E-03	2.08E-01	0.00E+00	2.88E-10	3.69E-10	4.30E-05	1.19E-06	2.79E-02	0.00E+00	2.08E-01	4.94E-10	2.08E-01	2.36E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
NEN116	3.85E-05	2.14E-02	3.10E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.83E-07	1.75E-05	1.15E-04	0.00E+00	3.30E-04	1.47E-09	4.23E-11	1.96E-03	3.81E-05	1.10E-03	9.82E-09	2.40E-05	4.99E-03	1.30E-01	0.00E+00	1.78E-10	2.29E-10	2.66E-05	7.20E-07	1.73E-02	0.00E+00	1.30E-01	3.11E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NEN120	3.95E-05	2.19E-02	3.18E-03	1.37E-02	0.00E+00	0.00E+00	1.96E-01	1.88E-07	1.80E-05	1.18E-04	0.00E+00	3.39E-04	1.51E-09	4.34E-11	2.02E-03	3.91E-05	1.13E-03	9.98E-09	2.46E-05	5.13E-03	1.33E-01	0.00E+00	1.83E-10	2.35E-10	2.73E-05	7.39E-07	1.78E-02	0.00E+00	1.33E-01	3.19E-10	1.33E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NEN125	2.46E-05	1.17E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.31E-05	0.00E+00	2.14E-04	9.65E-10	2.81E-11	1.30E-03	2.38E-05	7.20E-04	2.69E-09	1.54E-05	3.50E-03	8.36E-02	0.00E+00	1.14E-10	1.47E-10	1.70E-05	4.42E-07	1.12E-02	0.00E+00	8.36E-02	2.04E-10	8.36E-02	9.48E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.61E-04
NEN132	2.78E-05	1.34E-02	2.29E-03	9.85E-03	0.00E+00	0.00E+00	1.42E-01	1.35E-07	1.30E-05	8.25E-05	0.00E+00	2.42E-04	1.09E-09	3.16E-11	1.46E-03	2.69E-05	8.10E-04	3.47E-09	1.74E-05	3.91E-03	9.42E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	5.01E-07	1.26E-02	0.00E+00	9.42E-02	2.29E-10	9.42E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.47E-04
NEN140	1.12E-05	2.07E-03	1.01E-03	4.40E-03	0.00E+00	0.00E+00	6.42E-02	5.99E-08	5.92E-06	3.30E-05	0.00E+00	1.04E-04	4.84E-10	1.46E-11	6.68E-04	9.99E-06	3.60E-04	4.68E-09	7.17E-06	2.12E-03	3.95E-02	0.00E+00	5.15E-11	6.78E-11	7.84E-06	1.72E-07	5.24E-03	0.00E+00	3.95E-02	1.02E-10	3.95E-02	4.47E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NEN150	1.45E-05	4.22E-03	1.27E-03	5.49E-03	0.00E+00	0.00E+00	7.97E-02	7.49E-08	7.34E-06	4.27E-05	0.00E+00	1.31E-04	6.05E-10	1.80E-11	8.27E-04	1.33E-05	4.50E-04	3.26E-09	9.19E-06	2.49E-03	5.04E-02	0.00E+00	6.66E-11	8.72E-11	1.01E-05	2.36E-07	6.70E-03	0.00E+00	5.04E-02	1.27E-10	5.04E-02	5.70E-02	6.70E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-04
NEN163	2.77E-05	1.32E-02	2.29E-03	9.85E-03	0.00E+00	0.00E+00	1.42E-01	1.35E-07	1.30E-05	8.22E-05	0.00E+00	2.41E-04	1.09E-09	3.16E-11	1.46E-03	2.68E-05	8.10E-04	3.11E-09	1.73E-05	3.94E-03	9.41E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	4.98E-07	1.26E-02	0.00E+00	9.41E-02	2.29E-10	9.41E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.44E-04
NEN206	3.38E-05	1.29E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	1.00E-04	0.00E+00	3.01E-04	1.37E-09	4.03E-11	1.86E-03	3.19E-05	1.02E-03	1.97E-09	2.13E-05	5.31E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.79E-07	1.55E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.02E-04

NEN210	5.38E-05	2.71E-02	4.41E-03	1.90E-02	0.00E+00	0.00E+00	2.72E-01	2.60E-07	2.50E-05	1.60E-04	0.00E+00	4.66E-04	2.09E-09	6.06E-11	2.81E-03	5.25E-05	1.56E-03	8.72E-09	3.36E-05	7.41E-03	1.82E-01	0.00E+00	2.48E-10	3.20E-10	3.72E-05	9.81E-07	2.43E-02	0.00E+00	1.82E-01	4.42E-10	1.82E-01	2.07E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
NEN216	5.71E-05	2.92E-02	4.66E-03	2.01E-02	0.00E+00	0.00E+00	2.88E-01	2.75E-07	2.65E-05	1.70E-04	0.00E+00	4.93E-04	2.21E-09	6.40E-11	2.96E-03	5.57E-05	1.65E-03	9.97E-09	3.56E-05	7.79E-03	1.93E-01	0.00E+00	2.63E-10	3.39E-10	3.95E-05	1.04E-06	2.58E-02	0.00E+00	1.93E-01	4.67E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
NEN220	6.35E-05	3.32E-02	5.17E-03	2.22E-02	0.00E+00	0.00E+00	3.19E-01	3.05E-07	2.93E-05	1.89E-04	0.00E+00	5.48E-04	2.45E-09	7.08E-11	3.28E-03	6.23E-05	1.83E-03	1.25E-08	3.96E-05	8.56E-03	2.15E-01	0.00E+00	2.93E-10	3.78E-10	4.39E-05	1.17E-06	2.87E-02	0.00E+00	2.15E-01	5.18E-10	2.15E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
NEN225	4.65E-05	2.16E-02	3.86E-03	1.66E-02	0.00E+00	0.00E+00	2.39E-01	2.28E-07	2.20E-05	1.38E-04	0.00E+00	4.06E-04	1.83E-09	5.33E-11	2.47E-03	4.48E-05	1.36E-03	4.13E-09	2.91E-05	6.70E-03	1.58E-01	0.00E+00	2.14E-10	2.77E-10	3.22E-05	8.30E-07	2.11E-02	0.00E+00	1.58E-01	3.87E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
NEN232	3.35E-05	1.18E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.90E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.86E-03	3.13E-05	1.02E-03	3.72E-09	2.11E-05	5.42E-03	1.15E-01	0.00E+00	1.54E-10	2.01E-10	2.33E-05	5.65E-07	1.54E-02	0.00E+00	1.15E-01	2.89E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.91E-04
NEN240	4.67E-05	2.08E-02	3.90E-03	1.68E-02	0.00E+00	0.00E+00	2.42E-01	2.30E-07	2.23E-05	1.38E-04	0.00E+00	4.10E-04	1.85E-09	5.41E-11	2.50E-03	4.48E-05	1.38E-03	2.55E-09	2.93E-05	6.87E-03	1.59E-01	0.00E+00	2.15E-10	2.79E-10	3.24E-05	8.26E-07	2.12E-02	0.00E+00	1.59E-01	3.91E-10	1.59E-01	1.80E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
NEN250	4.99E-05	2.28E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.37E-04	1.97E-09	5.75E-11	2.66E-03	4.80E-05	1.47E-03	3.79E-09	3.13E-05	7.25E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.89E-07	2.27E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NEN263	3.63E-05	1.35E-02	3.10E-03	1.34E-02	0.00E+00	0.00E+00	1.94E-01	1.83E-07	1.78E-05	1.07E-04	0.00E+00	3.24E-04	1.48E-09	4.36E-11	2.01E-03	3.41E-05	1.10E-03	2.93E-09	2.29E-05	5.78E-03	1.25E-01	0.00E+00	1.67E-10	2.18E-10	2.52E-05	6.18E-07	1.67E-02	0.00E+00	1.25E-01	3.11E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
NEN306	3.39E-05	7.88E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.98E-05	0.00E+00	3.12E-04	1.44E-09	4.33E-11	1.98E-03	3.06E-05	1.07E-03	1.12E-08	2.16E-05	6.15E-03	1.19E-01	0.00E+00	1.56E-10	2.05E-10	2.37E-05	5.35E-07	1.58E-02	0.00E+00	1.19E-01	3.04E-10	1.19E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	8.94E-04
NEN310	7.12E-05	3.41E-02	5.88E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.47E-07	3.35E-05	2.11E-04	0.00E+00	6.20E-04	2.79E-09	8.11E-11	3.75E-03	6.90E-05	2.08E-03	8.31E-09	4.45E-05	1.01E-02	2.42E-01	0.00E+00	3.28E-10	4.24E-10	4.93E-05	1.28E-06	3.23E-02	0.00E+00	2.42E-01	5.89E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
NEN313	1.29E-04	7.33E-02	1.03E-02	4.43E-02	0.00E+00	0.00E+00	6.34E-01	6.09E-07	5.83E-05	3.84E-04	0.00E+00	1.10E-03	4.89E-09	1.40E-10	6.52E-03	1.28E-04	3.65E-03	3.60E-08	8.01E-05	1.64E-02	4.33E-01	0.00E+00	5.95E-10	7.64E-10	8.89E-05	2.42E-06	5.79E-02	0.00E+00	4.33E-01	1.03E-09	4.33E-01	4.91E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
NEN316	6.92E-05	3.25E-02	5.73E-03	2.47E-02	0.00E+00	0.00E+00	3.55E-01	3.38E-07	3.27E-05	2.05E-04	0.00E+00	6.04E-04	2.72E-09	7.92E-11	3.66E-03	6.69E-05	2.03E-03	6.83E-09	4.33E-05	9.92E-03	2.35E-01	0.00E+00	3.19E-10	4.13E-10	4.79E-05	1.24E-06	3.14E-02	0.00E+00	2.35E-01	5.75E-10	2.35E-01	2.67E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
NEN320	7.30E-05	3.46E-02	6.04E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.17E-04	0.00E+00	6.37E-04	2.87E-09	8.34E-11	3.86E-03	7.06E-05	2.14E-03	7.76E-09	4.57E-05	1.04E-02	2.48E-01	0.00E+00	3.37E-10	4.35E-10	5.06E-05	1.31E-06	3.31E-02	0.00E+00	2.48E-01	6.05E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
NEN325	6.64E-05	3.00E-02	5.53E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.16E-05	1.97E-04	0.00E+00	5.82E-04	2.62E-09	7.66E-11	3.54E-03	6.38E-05	1.96E-03	4.44E-09	4.16E-05	9.70E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.18E-06	3.02E-02	0.00E+00	2.26E-01	5.54E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
NEN332	3.67E-05	8.47E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.32E-05	1.16E-03	1.23E-08	2.34E-05	6.68E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.79E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
NEN340	3.69E-05	8.48E-03	3.30E-03	1.43E-02	0.00E+00	0.00E+00	2.08E-01	1.95E-07	1.92E-05	1.09E-04	0.00E+00	3.40E-04	1.57E-09	4.72E-11	2.16E-03	3.33E-05	1.17E-03	1.24E-08	2.35E-05	6.72E-03	1.29E-01	0.00E+00	1.70E-10	2.23E-10	2.58E-05	5.82E-07	1.72E-02	0.00E+00	1.29E-01	3.31E-10	1.29E-01	1.47E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	9.74E-04
NEN363	1.04E-05	9.99E-03	1.26E-03	5.57E-03	0.00E+00	0.00E+00	8.44E-02	7.46E-08	7.82E-06	2.93E-05	0.00E+00	1.20E-04	6.12E-10	2.02E-11	8.99E-04	6.10E-06	4.49E-04	2.60E-08	7.20E-06	3.88E-03	4.16E-02	0.00E+00	4.67E-11	6.64E-11	7.55E-06	5.25E-08	5.42E-03	0.00E+00	4.16E-02	1.28E-10	4.16E-02	4.70E-02	5.42E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NEN406	4.78E-05	1.23E-02	4.23E-03	1.83E-02	0.00E+00	0.00E+00	2.66E-01	2.50E-07	2.45E-05	1.41E-04	0.00E+00	4.37E-04	2.02E-09	6.03E-11	2.77E-03	4.35E-05	1.50E-03	1.36E-08	3.04E-05	8.48E-03	1.67E-01	0.00E+00	2.20E-10	2.88E-10	3.34E-05	7.66E-07	2.22E-02	0.00E+00	1.67E-01	4.25E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
NEN410	1.01E-04	4.95E-02	8.28E-03	3.56E-02	0.00E+00	0.00E+00	5.12E-01	4.88E-07	4.71E-05	2.99E-04	0.00E+00	8.74E-04	3.93E-09	1.14E-10	5.28E-03	9.79E-05	2.93E-03	1.41E-08	6.29E-05	1.41E-02	3.41E-01	0.00E+00	4.65E-10	6.00E-10	6.97E-05	1.82E-06	4.56E-02	0.00E+00	3.41E-01	8.30E-10	3.41E-01	3.87E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
NEN416	8.10E-05	3.57E-02	6.77E-03	2.92E-02	0.00E+00	0.00E+00	4.20E-01	4.00E-07	3.87E-05	2.40E-04	0.00E+00	7.11E-04	3.22E-09	9.40E-11	4.34E-03	7.76E-05	2.40E-03	3.77E-09	5.08E-05	1.20E-02	2.76E-01	0.00E+00	3.73E-10	4.84E-10	5.62E-05	1.43E-06	3.69E-02	0.00E+00	2.76E-01	6.79E-10	2.76E-01	3.13E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
NEN420	7.39E-05	3.01E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.89E-01	3.68E-07	3.58E-05	2.19E-04	0.00E+00	6.54E-04	2.97E-09	8.71E-11	4.02E-03	7.01E-05	2.21E-03	9.70E-10	4.65E-05	1.13E-02	2.53E-01	0.00E+00	3.40E-10	4.42E-10	5.13E-05	1.28E-06	3.37E-02	0.00E+00	2.53E-01	6.26E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
NEN425	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NEN432	3.36E-05	8.73E-04	3.18E-03	1.39E-02	0.00E+00	0.00E+00	2.03E-01	1.88E-07	1.88E-05	9.81E-05	0.00E+00	3.22E-04	1.52E-09	4.67E-11	2.13E-03	2.85E-05	1.13E-03	2.37E-08	2.17E-05	7.21E-03	1.20E-01	0.00E+00	1.54E-10	2.05E-10	2.36E-05	4.68E-07	1.59E-02	0.00E+00	1.20E-01	3.20E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	8.70E-04
NEN440	3.68E-05	2.90E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.19E-01	2.03E-07	2.02E-05	1.08E-04	0.00E+00	3.49E-04	1.64E-09	5.02E-11	2.29E-03	3.18E-05	1.22E-03	2.25E-08	2.37E-05	7.59E-03	1.31E-01	0.00E+00	1.69E-10	2.24E-10	2.59E-05	5.31E-07	1.74E-02	0.00E+00	1.31E-01	3.46E-10	1.31E-01	1.49E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	9.58E-04
NEN450	3.56E-05	1.85E-03	3.35E-03	1.46E-02	0.00E+00	0.00E+00	2.14E-01	1.98E-07	1.97E-05	1.04E-04	0.00E+00	3.40E-04	1.60E-09	4.91E-11	2.23E-03	3.05E-05	1.19E-03	2.35E-08	2.30E-05	7.50E-03	1.27E-01	0.00E+00	1.63E-10	2.17E-10	2.50E-05	5.05E-07	1.69E-02	0.00E+00	1.27E-01	3.37E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-04
NEN463	2.01E-05	8.97E-03	2.16E-03	9.50E-03	0.00E+00	0.00E+00	1.42E-01	1.28E-07	1.31E-05	5.78E-05	0.00E+00	2.12E-04	1.04E-09	3.33E-11	1.50E-03	1.46E-05	7.69E-04	3.15E-08	1.35E-05	5.85E-03	7.62E-02	0.00E+00	9.13E-11	1.26E-10	1.44E-05	1.95E-07	1.00E-02	0.00E+00	7.62E-02	2.18E-10	7.62E-02	8.62E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.01E-04
NF100A	1.39E-05	3.88E-03	1.22E-03	5.27E-03	0.00E+00	0.00E+00	7.66E-02	7.19E-08	7.06E-06	4.09E-05	0.00E+00	1.26E-04	5.81E-10	1.73E-11	7.95E-04	1.27E-05	4.32E-04	3.39E-09	8.80E-06	2.41E-03	4.82E-02	0.00E+00	6.37E-11	8.34E-11	9.66E-06	2.25E-07	6.41E-03	0.00E+00	4.82E-02	1.22E-10	4.82E-02	5.46E-02	6.41E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
NF101A	1.88E-05	7.29E-03	1.60E-03	6.92E-03	0.00E+00	0.00E+00	1.00E-01	9.46E-08	9.20E-06	5.58E-05	0.00E+00	1.68E-04	7.62E-10	2.24E-11	1.03E-03	1.78E-05	5.68E-04	9.58E-10	1.19E-05	2.95E-03	6.48E-02	0.00E+00	8.68E-11	1.13E-10	1.31E-05	3.24E-07	8.63E-03	0.00E+00	6.48E-02	1.61E-10	6.48E-02	7.34E-02	8.63E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-04
NF102A	2.14E-05	9.06E-03	1.80E-03	7.77E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.35E-05	0.00E+00	1.89E-04	8.56E-10	2.51E-11	1.16E-03	2.04E-05	6.38E-04	3.01E-10	1.35E-05	3.23E-03	7.33E-02	0.00E+00	9.88E-11	1.28E-10	1.49E-05	3.75E-07	9.77E-03	0.00E+00	7.33E-02	1.81E-10	7.33E-02	8.31E-02	9.77E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
NF103A	1.58E-05	5.21E-03	1.37E-03	5.92E-03	0.00E+00	0.00E+00	8.57E-02	8.08E-08	7.90E-06	4.67E-05	0.00E+00	1.42E-04	6.52E-10	1.93E-11	8.89E-04	1.47E-05	4.85E-04	2.44E-09	1.00E-05	2.62E-03	5.47E-02	0.00E+00	7.27E-11	9.49E-11	1.10E-05	2.63E-07	7.28E-03	0.00E+00	5.47E-02	1.37E-10	5.47E-02	6.20E-02	7.28E-03	0.00E+00	0.00E+00	0.00E+00	4.20E-04
NF104A	8.93E-06	5.16E-04	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.35E-02	4.96E-08	4.94E-06	2.61E-05	0.00E+00	8.51E-05	4.02E-10	1.23E-11	5.59E-04	7.66E-06	2.98E-04	5.80E-09	5.77E-06	1.87E-03	3.19E-02	0.00E+00	4.09E-11	5.44E-11	6.28E-06	1.27E-07	4.23E-03	0.00E+00	3.19E-02	8.44E-11	3.19E-02	3.62E-02	4.23E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NF106A	8.57E-06	1.02E-03	7.91E-04	3.44E-03	0.00E+00	0.00E+00	5.03E-02	4.67E-08	4.64E-06	2.51E-05	0.00E+00	8.07E-05	3.78E-10	1.15E-11	5.24E-04	7.49E-06	2.81E-04	4.62E-09	5.51E-06	1.71E-03	3.04E-02	0.00E+00	3.93E-11	5.20E-11	6.01E-06	1.27E-07	4.03E-03	0.00E+00	3.04E-02	7.95E-11	3.04E-02	3.45E-02	4.03E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
NF110A	1.23E-05	3.53E-03	1.08E-03	4.68E-03	0.00E+00	0.00E+00	6.79E-02	6.38E-08	6.26E-06	3.64E-05	0.00E+00	1.12E-04	5.15E-10	1.54E-11	7.05E-04	1.13E-05	3.83E-04	2.87E-09	7.82E-06	2.13E-03	4.29E-02	0.00E+00	5.67E-11	7.42E-11	8.59E-06	2.01E-07	5.70E-03	0.00E+00	4.29E-02	1.09E-10	4.29E-02	4.86E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NF116A	1.33E-05	4.22E-03	1.16E-03	5.02E-03	0.00E+00	0.00E+00	7.27E-02	6.85E-08	6.70E-06	3.94E-05	0.00E+00	1.20E-04	5.53E-10	1.64E-11	7.54E-04	1.24E-05	4.11E-04	2.39E-09	8.45E-06	2.24E-03	4.62E-02	0.00E+00	6.14E-11	8.02E-11	9.29E-06	2.21E-07	6.15E-03	0.00E+00	4.62E-02	1.16E-10	4.62E-02	5.24E-02	6.15E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
NF120A	1.38E-05	4.49E-03	1.20E-03	5.17E-03	0.00E+00	0.00E+00	7.49E-02	7.06E-08	6.90E-06	4.07E-05	0.00E+00	1.24E-04	5.69E-10	1.69E-11	7.77E-04	1.28E-05	4.24E-04	2.24E-09	8.73E-06	2.30E-03	4.77E-02	0.00E+00	6.35E-11	8.28E-11	9.60E-06	2.29E-07	6.36E-03	0.00E+00	4.77E-02	1.20E-10	4.77E-02	5.41E-02	6.36E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
NF125A	1.16E-05	2.81E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.49E-02	6.08E-08	5.98E-06	3.41E-05	0.00E+00	1.06E-04	4.91E-10	1.47E-11	6.75E-04	1.05E-05	3.65E-04	3.64E-09	7.38E-06	2.08E-03	4.05E-02	0.00E+00	5.32E-11	6.99E-11	8.09E-06	1.84E-07	5.38E-03	0.00E+00	4.05E-02	1.03E-10	4.05E-02	4.59E-02	5.38E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
NF132A	2.84E-05	1.39E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.44E-01	1.38E-07	1.33E-05	8.43E-05	0.00E+00	2.47E-04	1.11E-09	3.21E-11	1.49E-03	2.76E-05	8.26E-04	3.95E-09	1.77E-05	3.97E-03	9.63E-02	0.00E+00	1.31E-10	1.69E-10	1.96E-05	5.14E-07	1.29E-02	0.00E+00	9.63E-02	2.34E-10	9.63E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
NF140A	2.43E-05	1.11E-02	2.02E-03	8.69E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.21E-05	0.00E+00	2.12E-04	9.58E-10	2.79E-11	1.29E-03	2.34E-05	7.14E-04	1.95E-09	1.52E-05	3.52E-03	8.27E-02	0.00E+00	1.12E-10	1.45E-10	1.68E-05	4.33E-07	1.10E-02	0.00E+00	8.27E-02	2.02E-10	8.27E-02	9.37E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.52E-04
NF150A	7.81E-06	4.37E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.86E-02	4.47E-08	4.49E-06	2.27E-05	0.00E+00	7.62E-05	3.63E-10	1.12E-11	5.10E-04	6.46E-06	2.69E-04	6.68E-09	5.08E-06	1.78E-03	2.83E-02	0.00E+00	3.57E-11	4.78E-11	5.51E-06	1.03E-07	3.74E-03	0.00E+00	2.83E-02	7.62E-11	2.83E-02	3.20E-02	3.74E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
NF163A	2.67E-05	1.25E-02	2.22E-03	9.55E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.94E-05	0.00E+00	2.34E-04	1.05E-09	3.06E-11	1.42E-03	2.58E-05	7.85E-04	2.56E-09	1.67E-05	3.84E-03	9.10E-02	0.00E+00	1.23E-10	1.60E-10	1.85E-05	4.79E-07	1.21E-02	0.00E+00	9.10E-02	2.22E-10	9.10E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-04
NF200A	1.57E-05	4.37E-04	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.70E-02	8.94E-08	8.95E-06	4.58E-05	0.00E+00	1.52E-04	7.25E-10	2.23E-11	1.02E-03	1.31E-05	5.37E-04	1.26E-08	1.02E-05	3.51E-03	5.67E-02	0.00E+00	7.19E-11	9.61E-11	1.11E-05	2.11E-07	7.50E-03	0.00E+00	5.67E-02	1.52E-10	5.67E-02	6.43E-02	7.50E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-04
NF201A	3.00E-05	9.30E-03	2.61E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.54E-07	1.51E-05	8.85E-05	0.00E+00	2.71E-04	1.24E-09	3.70E-11	1.70E-03	2.77E-05	9.25E-04	5.69E-09	1.90E-05	5.06E-03	1.04E-01	0.00E+00	1.38E-10	1.80E-10	2.09E-05	4.94E-07	1.38E-02	0.00E+00	1.04E-01	2.62E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	7.95E-04
NF202A	2.04E-05	2.75E-03	1.87E-03	8.13E-03	0.00E+00	0.00E+00	1.19E-01	1.11E-07	1.10E-05	5.98E-05	0.00E+00	1.91E-04	8.94E-10	2.71E-11	1.24E-03	1.79E-05	6.64E-04	1.04E-08	1.31E-05	4.02E-03	7.22E-02	0.00E+00	9.34E-11	1.24E-10	1.43E-05	3.04E-07	9.57E-03	0.00E+00	7.22E-02	1.88E-10	7.22E-02	8.17E-02	9.57E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
NF203A	1.51E-05	7.67E-04	1.47E-03	6.39E-03	0.00E+00	0.00E+00	9.42E-02	8.67E-08	8.69E-06	4.41E-05	0.00E+00	1.48E-04	7.03E-10	2.17E-11	9.86E-04	1.25E-05	5.20E-04	1.28E-08	9.85E-06	3.44E-03	5.48E-02	0.00E+00	6.92E-11	9.27E-11	1.07E-05	2.01E-07	7.25E-03	0.00E+00	5.48E-02	1.48E-10	5.48E-02	6.21E-02	7.25E-03	0.00E+00	0.00E+00	0.00E+00	3.90E-04
NF204A	2.06E-05	2.88E-03	1.89E-03	8.19E-03	0.00E+00	0.00E+00	1.20E-01	1.11E-07	1.10E-05	6.04E-05	0.00E+00	1.93E-04	9.02E-10	2.73E-11	1.25E-03	1.81E-05	6.69E-04	1.03E-08	1.32E-05	4.04E-03	7.28E-02	0.00E+00	9.44E-11	1.25E-10	1.44E-05	3.08E-07	9.66E-03	0.00E+00	7.28E-02	1.90E-10	7.28E-02	8.25E-02	9.66E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04
NF206A	6.11E-05	3.21E-02	4.97E-03	2.14E-02	0.00E+00	0.00E+00	3.06E-01	2.93E-07	2.82E-05	1.82E-04	0.00E+00	5.27E-04	2.36E-09	6.81E-11	3.16E-03	6.00E-05	1.76E-03	1.23E-08	3.81E-05	8.20E-03	2.06E-01	0.00E+00	2.82E-10	3.63E-10	4.23E-05	1.13E-06	2.76E-02	0.00E+00	2.06E-01	4.98E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
NF210A	2.64E-05	8.42E-03	2.29E-03	9.92E-03	0.00E+00	0.00E+00	1.44E-01	1.36E-07	1.33E-05	7.80E-05	0.00E+00	2.38E-04	1.09E-09	3.25E-11	1.49E-03	2.45E-05	8.13E-04	4.62E-09	1.67E-05	4.43E-03	9.15E-02	0.00E+00	1.22E-10	1.59E-10	1.84E-05	4.38E-07	1.22E-02	0.00E+00	9.15E-02	2.30E-10	9.15E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
NF216A	1.68E-05	1.49E-03	1.56E-03	6.80E-03	0.00E+00	0.00E+00	9.96E-02	9.24E-08	9.19E-06	4.92E-05	0.00E+00	1.59E-04	7.48E-10	2.28E-11	1.04E-03	1.45E-05	5.55E-04	9.96E-09	1.08E-05	3.44E-03	5.98E-02	0.00E+00	7.70E-11	1.02E-10	1.18E-05	2.44E-07	7.93E-03	0.00E+00	5.98E-02	1.57E-10	5.98E-02	6.78E-02	7.93E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04
NF220A	2.66E-05	8.12E-03	2.32E-03	1.00E-02	0.00E+00	0.00E+00	1.46E-01	1.37E-07	1.34E-05	7.85E-05	0.00E+00	2.41E-04	1.11E-09	3.29E-11	1.51E-03	2.45E-05	8.22E-04	5.29E-09	1.69E-05	4.51E-03	9.23E-02	0.00E+00	1.22E-10	1.60E-10	1.85E-05	4.37E-07	1.23E-02	0.00E+00	9.23E-02	2.33E-10	9.23E-02	1.05E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
NF225A	1.98E-05	3.17E-03	1.80E-03	7.83E-03	0.00E+00	0.00E+00	1.14E-01	1.06E-07	1.05E-05	5.81E-05	0.00E+00	1.85E-04	8.61E-10	2.61E-11	1.19E-03	1.75E-05	6.39E-04	9.15E-09	1.27E-05	3.82E-03	6.99E-02	0.00E+00	9.08E-11	1.20E-10	1.39E-05	3.00E-07	9.27E-03	0.00E+00	6.99E-02	1.81E-10	6.99E-02	7.91E-02	9.27E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
NF232A	2.92E-05	8.98E-03	2.54E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.50E-07	1.47E-05	8.61E-05	0.00E+00	2.64E-04	1.21E-09	3.60E-11	1.65E-03	2.69E-05	9.00E-04	5.67E-09	1.85E-05	4.94E-03	1.01E-01	0.00E+00	1.34E-10	1.75E-10	2.03E-05	4.80E-07	1.35E-02	0.00E+00	1.01E-01	2.55E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.73E-04
NF240A	4.53E-05	2.00E-02	3.78E-03	1.63E-02	0.00E+00	0.00E+00	2.35E-01	2.23E-07	2.16E-05	1.34E-04	0.00E+00	3.97E-04	1.80E-09	5.25E-11	2.43E-03	4.34E-05	1.34E-03	2.19E-09	2.84E-05	6.69E-03	1.54E-01	0.00E+00	2.09E-10	2.70E-10	3.14E-05	8.00E-07	2.06E-02	0.00E+00	1.54E-01	3.79E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
NF250A	3.01E-05	9.36E-03	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.65E-01	1.55E-07	1.52E-05	8.89E-05	0.00E+00	2.72E-04	1.25E-09	3.71E-11	1.71E-03	2.78E-05	9.29E-04	5.70E-09	1.91E-05	5.09E-03	1.04E-01	0.00E+00	1.39E-10	1.81E-10	2.10E-05	4.97E-07	1.39E-02	0.00E+00	1.04E-01	2.63E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-04
NF263A	2.47E-05	4.93E-03	2.23E-03	9.66E-03	0.00E+00	0.00E+00	1.41E-01	1.32E-07	1.30E-05	7.27E-05	0.00E+00	2.29E-04	1.06E-09	3.20E-11	1.47E-03	2.21E-05	7.90E-04	9.68E-09	1.58E-05	4.62E-03	8.69E-02	0.00E+00	1.14E-10	1.49E-10	1.73E-05	3.83E-07	1.15E-02	0.00E+00	8.69E-02	2.24E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.50E-04
NF300A	2.36E-05	4.71E-04	2.27E-03	9.89E-03	0.00E+00	0.00E+00	1.46E-01	1.34E-07	1.34E-05	6.90E-05	0.00E+00	2.29E-04	1.09E-09	3.35E-11	1.52E-03	1.98E-05	8.05E-04	1.87E-08	1.53E-05	5.25E-03	8.53E-02	0.00E+00	1.08E-10	1.44E-10	1.67E-05	3.20E-07	1.13E-02	0.00E+00	8.53E-02	2.28E-10	8.53E-02	9.66E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-04
NF301A	2.36E-05	4.71E-04	2.27E-03	9.89E-03	0.00E+00	0.00E+00	1.46E-01	1.34E-07	1.34E-05	6.90E-05	0.00E+00	2.29E-04	1.09E-09	3.35E-11	1.52E-03	1.98E-05	8.05E-04	1.87E-08	1.53E-05	5.25E-03	8.53E-02	0.00E+00	1.08E-10	1.44E-10	1.67E-05	3.20E-07	1.13E-02	0.00E+00	8.53E-02	2.28E-10	8.53E-02	9.66E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-04
NF302A	3.67E-05	8.47E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.32E-05	1.16E-03	1.23E-08	2.34E-05	6.68E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.79E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
NF303A	2.14E-05	1.93E-03	2.10E-03	9.16E-03	0.00E+00	0.00E+00	1.35E-01	1.24E-07	1.25E-05	6.24E-05	0.00E+00	2.11E-04	1.01E-09	3.12E-11	1.42E-03	1.75E-05	7.45E-04	1.97E-08	1.40E-05	5.01E-03	7.80E-02	0.00E+00	9.79E-11	1.31E-10	1.51E-05	2.77E-07	1.03E-02	0.00E+00	7.80E-02	2.11E-10	7.80E-02	8.83E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-04
NF304A	2.36E-05	4.71E-04	2.27E-03	9.89E-03	0.00E+00	0.00E+00	1.46E-01	1.34E-07	1.34E-05	6.90E-05	0.00E+00	2.29E-04	1.09E-09	3.35E-11	1.52E-03	1.98E-05	8.05E-04	1.87E-08	1.53E-05	5.25E-03	8.53E-02	0.00E+00	1.08E-10	1.44E-10	1.67E-05	3.20E-07	1.13E-02	0.00E+00	8.53E-02	2.28E-10	8.53E-02	9.66E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-04
NF306A	2.81E-05	4.80E-03	2.55E-03	1.11E-02	0.00E+00	0.00E+00	1.62E-01	1.51E-07	1.49E-05	8.25E-05	0.00E+00	2.61E-04	1.22E-09	3.68E-11	1.68E-03	2.49E-05	9.05E-04	1.24E-08	1.80E-05	5.37E-03	9.90E-02	0.00E+00	1.29E-10	1.70E-10	1.97E-05	4.28E-07	1.31E-02	0.00E+00	9.90E-02	2.56E-10	9.90E-02	1.12E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.37E-04
NF310A	2.57E-05	3.08E-03	2.36E-03	1.03E-02	0.00E+00	0.00E+00	1.50E-01	1.40E-07	1.39E-05	7.52E-05	0.00E+00	2.41E-04	1.13E-09	3.43E-11	1.57E-03	2.24E-05	8.39E-04	1.37E-08	1.65E-05	5.12E-03	9.10E-02	0.00E+00	1.18E-10	1.56E-10	1.80E-05	3.79E-07	1.21E-02	0.00E+00	9.10E-02	2.38E-10	9.10E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
NF316A	3.16E-05	7.09E-03	2.83E-03	1.23E-02	0.00E+00	0.00E+00	1.79E-01	1.67E-07	1.65E-05	9.31E-05	0.00E+00	2.91E-04	1.35E-09	4.05E-11	1.86E-03	2.85E-05	1.00E-03	1.10E-08	2.02E-05	5.78E-03	1.11E-01	0.00E+00	1.45E-10	1.91E-10	2.21E-05	4.97E-07	1.47E-02	0.00E+00	1.11E-01	2.84E-10	1.11E-01	1.26E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
NF320A	2.17E-06	1.36E-02	5.71E-04	2.61E-03	0.00E+00	0.00E+00	4.16E-02	3.40E-08	3.88E-06	4.86E-06	0.00E+00	4.73E-05	2.85E-10	1.06E-11	4.57E-04	1.78E-06	2.05E-04	2.63E-08	2.04E-06	2.66E-03	1.35E-02	0.00E+00	8.76E-12	1.73E-11	1.85E-06	9.25E-08	1.67E-03	0.00E+00	1.35E-02	5.85E-11	1.35E-02	1.52E-02	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-05
NF325A	2.81E-05	3.76E-03	2.58E-03	1.12E-02	0.00E+00	0.00E+00	1.64E-01	1.52E-07	1.51E-05	8.24E-05	0.00E+00	2.63E-04	1.23E-09	3.74E-11	1.71E-03	2.46E-05	9.14E-04	1.43E-08	1.80E-05	5.54E-03	9.94E-02	0.00E+00	1.29E-10	1.70E-10	1.97E-05	4.18E-07	1.32E-02	0.00E+00	9.94E-02	2.59E-10	9.94E-02	1.13E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-04
NF332A	8.97E-05	4.56E-02	7.34E-03	3.16E-02	0.00E+00	0.00E+00	4.53E-01	4.33E-07	4.17E-05	2.67E-04	0.00E+00	7.76E-04	3.48E-09	1.01E-10	4.67E-03	8.76E-05	2.60E-03	1.52E-08	5.60E-05	1.23E-02	3.04E-01	0.00E+00	4.14E-10	5.34E-10	6.21E-05	1.64E-06	4.06E-02	0.00E+00	3.04E-01	7.35E-10	3.04E-01	3.44E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
NF340A	1.09E-04	5.86E-02	8.79E-03	3.78E-02	0.00E+00	0.00E+00	5.42E-01	5.19E-07	4.98E-05	3.23E-04	0.00E+00	9.34E-04	4.17E-09	1.20E-10	5.58E-03	1.07E-04	3.11E-03	2.45E-08	6.77E-05	1.44E-02	3.66E-01	0.00E+00	5.02E-10	6.46E-10	7.51E-05	2.02E-06	4.90E-02	0.00E+00	3.66E-01	8.81E-10	3.66E-01	4.15E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
NF350A	4.99E-05	1.73E-02	4.29E-03	1.86E-02	0.00E+00	0.00E+00	2.69E-01	2.54E-07	2.47E-05	1.47E-04	0.00E+00	4.47E-04	2.04E-09	6.05E-11	2.78E-03	4.66E-05	1.52E-03	6.13E-09	3.15E-05	8.13E-03	1.72E-01	0.00E+00	2.30E-10	2.99E-10	3.47E-05	8.39E-07	2.29E-02	0.00E+00	1.72E-01	4.31E-10	1.72E-01	1.95E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
NF363A	2.34E-05	1.72E-03	2.28E-03	9.96E-03	0.00E+00	0.00E+00	1.47E-01	1.35E-07	1.36E-05	6.82E-05	0.00E+00	2.29E-04	1.10E-09	3.39E-11	1.54E-03	1.93E-05	8.11E-04	2.08E-08	1.53E-05	5.41E-03	8.51E-02	0.00E+00	1.07E-10	1.44E-10	1.65E-05	3.06E-07	1.12E-02	0.00E+00	8.51E-02	2.30E-10	8.51E-02	9.63E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-04
NF400A	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
NF401A	9.48E-05	4.30E-02	7.89E-03	3.40E-02	0.00E+00	0.00E+00	4.90E-01	4.66E-07	4.51E-05	2.81E-04	0.00E+00	8.31E-04	3.75E-09	1.09E-10	5.06E-03	9.12E-05	2.79E-03	6.66E-09	5.94E-05	1.38E-02	3.23E-01	0.00E+00	4.37E-10	5.66E-10	6.57E-05	1.69E-06	4.31E-02	0.00E+00	3.23E-01	7.91E-10	3.23E-01	3.66E-01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
NF402A	8.84E-05	3.86E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.62E-04	0.00E+00	7.77E-04	3.51E-09	1.03E-10	4.75E-03	8.46E-05	2.62E-03	3.52E-09	5.55E-05	1.31E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
NF403A	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
NF404A	3.16E-05	1.83E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.23E-05	0.00E+00	3.05E-04	1.45E-09	4.46E-11	2.03E-03	2.66E-05	1.07E-03	2.42E-08	2.05E-05	6.96E-03	1.14E-01	0.00E+00	1.45E-10	1.93E-10	2.23E-05	4.32E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
NF406A	2.47E-05	2.97E-03	2.43E-03	1.06E-02	0.00E+00	0.00E+00	1.57E-01	1.44E-07	1.45E-05	7.16E-05	0.00E+00	2.43E-04	1.17E-09	3.63E-11	1.65E-03	2.00E-05	8.64E-04	2.40E-08	1.61E-05	5.88E-03	9.00E-02	0.00E+00	1.12E-10	1.51E-10	1.74E-05	3.11E-07	1.19E-02	0.00E+00	9.00E-02	2.45E-10	9.00E-02	1.02E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.31E-04
NF410A	3.30E-05	3.06E-03	3.07E-03	1.33E-02	0.00E+00	0.00E+00	1.95E-01	1.81E-07	1.80E-05	9.67E-05	0.00E+00	3.12E-04	1.47E-09	4.47E-11	2.04E-03	2.86E-05	1.09E-03	1.93E-08	2.13E-05	6.74E-03	1.18E-01	0.00E+00	1.51E-10	2.01E-10	2.32E-05	4.80E-07	1.56E-02	0.00E+00	1.18E-01	3.09E-10	1.18E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
NF416A	2.57E-05	2.29E-03	2.51E-03	1.10E-02	0.00E+00	0.00E+00	1.62E-01	1.48E-07	1.49E-05	7.47E-05	0.00E+00	2.52E-04	1.21E-09	3.74E-11	1.70E-03	2.10E-05	8.92E-04	2.35E-08	1.67E-05	5.99E-03	9.33E-02	0.00E+00	1.17E-10	1.57E-10	1.81E-05	3.31E-07	1.23E-02	0.00E+00	9.33E-02	2.53E-10	9.33E-02	1.06E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	6.59E-04
NF420A	3.47E-05	3.75E-03	3.21E-03	1.40E-02	0.00E+00	0.00E+00	2.04E-01	1.90E-07	1.88E-05	1.02E-04	0.00E+00	3.27E-04	1.54E-09	4.67E-11	2.13E-03	3.02E-05	1.14E-03	1.94E-08	2.23E-05	6.99E-03	1.23E-01	0.00E+00	1.59E-10	2.11E-10	2.43E-05	5.09E-07	1.63E-02	0.00E+00	1.23E-01	3.23E-10	1.23E-01	1.40E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.05E-04
NF425A	3.88E-05	6.13E-03	3.54E-03	1.54E-02	0.00E+00	0.00E+00	2.25E-01	2.09E-07	2.07E-05	1.14E-04	0.00E+00	3.63E-04	1.69E-09	5.12E-11	2.34E-03	3.43E-05	1.26E-03	1.81E-08	2.49E-05	7.52E-03	1.37E-01	0.00E+00	1.78E-10	2.35E-10	2.72E-05	5.87E-07	1.82E-02	0.00E+00	1.37E-01	3.56E-10	1.37E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
NF432A	5.04E-05	1.25E-02	4.48E-03	1.94E-02	0.00E+00	0.00E+00	2.82E-01	2.64E-07	2.60E-05	1.49E-04	0.00E+00	4.62E-04	2.13E-09	6.39E-11	2.93E-03	4.58E-05	1.59E-03	1.53E-08	3.21E-05	9.02E-03	1.76E-01	0.00E+00	2.32E-10	3.04E-10	3.52E-05	8.03E-07	2.34E-02	0.00E+00	1.76E-01	4.50E-10	1.76E-01	2.00E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
NF440A	7.89E-05	3.20E-02	6.67E-03	2.88E-02	0.00E+00	0.00E+00	4.15E-01	3.94E-07	3.82E-05	2.34E-04	0.00E+00	6.98E-04	3.17E-09	9.31E-11	4.29E-03	7.49E-05	2.36E-03	1.37E-09	4.96E-05	1.21E-02	2.70E-01	0.00E+00	3.63E-10	4.72E-10	5.48E-05	1.37E-06	3.60E-02	0.00E+00	2.70E-01	6.69E-10	2.70E-01	3.06E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
NF450A	5.66E-05	1.62E-02	4.96E-03	2.15E-02	0.00E+00	0.00E+00	3.12E-01	2.93E-07	2.87E-05	1.67E-04	0.00E+00	5.14E-04	2.37E-09	7.05E-11	3.24E-03	5.19E-05	1.76E-03	1.32E-08	3.59E-05	9.77E-03	1.97E-01	0.00E+00	2.60E-10	3.41E-10	3.95E-05	9.21E-07	2.62E-02	0.00E+00	1.97E-01	4.99E-10	1.97E-01	2.23E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
NF463A	7.17E-05	2.66E-02	6.13E-03	2.65E-02	0.00E+00	0.00E+00	3.83E-01	3.62E-07	3.53E-05	2.12E-04	0.00E+00	6.40E-04	2.92E-09	8.61E-11	3.96E-03	6.74E-05	2.17E-03	5.79E-09	4.52E-05	1.14E-02	2.47E-01	0.00E+00	3.30E-10	4.30E-10	4.99E-05	1.22E-06	3.29E-02	0.00E+00	2.47E-01	6.15E-10	2.47E-01	2.80E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
NFN100	2.45E-05	1.13E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.27E-05	0.00E+00	2.14E-04	9.65E-10	2.81E-11	1.30E-03	2.36E-05	7.20E-04	2.05E-09	1.53E-05	3.54E-03	8.34E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.37E-07	1.11E-02	0.00E+00	8.34E-02	2.04E-10	8.34E-02	9.45E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-04
NFN101	2.62E-05	1.25E-02	2.17E-03	9.33E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.23E-05	7.79E-05	0.00E+00	2.28E-04	1.03E-09	2.99E-11	1.38E-03	2.54E-05	7.67E-04	2.98E-09	1.64E-05	3.72E-03	8.91E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.72E-07	1.19E-02	0.00E+00	8.91E-02	2.17E-10	8.91E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
NFN102	2.55E-05	1.13E-02	2.13E-03	9.19E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.58E-05	0.00E+00	2.24E-04	1.01E-09	2.96E-11	1.37E-03	2.45E-05	7.55E-04	0.00E+00	1.59E-05	3.77E-03	8.71E-02	0.00E+00	1.18E-10	1.52E-10	1.77E-05	4.52E-07	1.16E-02	0.00E+00	8.71E-02	2.14E-10	8.71E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.85E-04

NFN103	2.58E-05	1.23E-02	2.13E-03	9.18E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.66E-05	0.00E+00	2.25E-04	1.01E-09	2.94E-11	1.36E-03	2.50E-05	7.55E-04	2.86E-09	1.61E-05	3.67E-03	8.77E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.64E-07	1.17E-02	0.00E+00	8.77E-02	2.14E-10	8.77E-02	9.94E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-04
NFN104	1.96E-05	8.00E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.50E-06	5.81E-05	0.00E+00	1.74E-04	7.87E-10	2.31E-11	1.07E-03	1.86E-05	5.87E-04	2.51E-10	1.23E-05	3.00E-03	6.72E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.41E-07	8.96E-03	0.00E+00	6.72E-02	1.66E-10	6.72E-02	7.62E-02	8.96E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
NFN106	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN113	3.46E-05	1.87E-02	2.80E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.65E-07	1.58E-05	1.03E-04	0.00E+00	2.97E-04	1.33E-09	3.82E-11	1.77E-03	3.41E-05	9.90E-04	7.90E-09	2.15E-05	4.56E-03	1.17E-01	0.00E+00	1.60E-10	2.05E-10	2.39E-05	6.42E-07	1.56E-02	0.00E+00	1.17E-01	2.80E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.35E-04
NFN116	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN120	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN125	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN132	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN140	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN150	1.47E-05	4.36E-03	1.28E-03	5.56E-03	0.00E+00	0.00E+00	8.07E-02	7.58E-08	7.43E-06	4.33E-05	0.00E+00	1.33E-04	6.12E-10	1.82E-11	8.37E-04	1.35E-05	4.55E-04	3.14E-09	9.31E-06	2.51E-03	5.10E-02	0.00E+00	6.75E-11	8.83E-11	1.02E-05	2.40E-07	6.79E-03	0.00E+00	5.10E-02	1.29E-10	5.10E-02	5.78E-02	6.79E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
NFN163	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN200	3.44E-05	1.27E-02	2.95E-03	1.27E-02	0.00E+00	0.00E+00	1.84E-01	1.74E-07	1.69E-05	1.02E-04	0.00E+00	3.07E-04	1.40E-09	4.14E-11	1.91E-03	3.24E-05	1.04E-03	2.92E-09	2.17E-05	5.50E-03	1.19E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	5.86E-07	1.58E-02	0.00E+00	1.19E-01	2.96E-10	1.19E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
NFN201	2.37E-05	5.41E-03	2.11E-03	9.16E-03	0.00E+00	0.00E+00	1.33E-01	1.25E-07	1.23E-05	6.97E-05	0.00E+00	2.18E-04	1.01E-09	3.03E-11	1.39E-03	2.14E-05	7.49E-04	8.01E-09	1.51E-05	4.31E-03	8.29E-02	0.00E+00	1.09E-10	1.43E-10	1.65E-05	3.73E-07	1.10E-02	0.00E+00	8.29E-02	2.12E-10	8.29E-02	9.39E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
NFN202	5.67E-05	2.80E-02	4.66E-03	2.01E-02	0.00E+00	0.00E+00	2.88E-01	2.75E-07	2.65E-05	1.69E-04	0.00E+00	4.92E-04	2.21E-09	6.42E-11	2.97E-03	5.52E-05	1.65E-03	8.13E-09	3.54E-05	7.91E-03	1.92E-01	0.00E+00	2.62E-10	3.38E-10	3.93E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	4.67E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
NFN203	3.69E-05	1.46E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.95E-01	1.85E-07	1.80E-05	1.09E-04	0.00E+00	3.28E-04	1.49E-09	4.38E-11	2.02E-03	3.49E-05	1.11E-03	1.37E-09	2.32E-05	5.74E-03	1.27E-01	0.00E+00	1.70E-10	2.21E-10	2.56E-05	6.37E-07	1.69E-02	0.00E+00	1.27E-01	3.14E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04
NFN204	2.70E-05	7.73E-03	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.49E-01	1.40E-07	1.37E-05	7.96E-05	0.00E+00	2.45E-04	1.13E-09	3.36E-11	1.54E-03	2.48E-05	8.39E-04	6.30E-09	1.71E-05	4.66E-03	9.39E-02	0.00E+00	1.24E-10	1.62E-10	1.88E-05	4.39E-07	1.25E-02	0.00E+00	9.39E-02	2.38E-10	9.39E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.15E-04
NFN206	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN210	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN225	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN232	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN240	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN250	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN263	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN301	2.57E-05	1.38E-03	2.42E-03	1.05E-02	0.00E+00	0.00E+00	1.54E-01	1.43E-07	1.42E-05	7.53E-05	0.00E+00	2.46E-04	1.16E-09	3.54E-11	1.61E-03	2.20E-05	8.59E-04	1.69E-08	1.66E-05	5.41E-03	9.21E-02	0.00E+00	1.18E-10	1.57E-10	1.81E-05	3.65E-07	1.22E-02	0.00E+00	9.21E-02	2.43E-10	9.21E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	6.69E-04
NFN302	2.88E-05	3.44E-03	2.65E-03	1.15E-02	0.00E+00	0.00E+00	1.69E-01	1.57E-07	1.55E-05	8.43E-05	0.00E+00	2.71E-04	1.27E-09	3.85E-11	1.76E-03	2.51E-05	9.40E-04	1.54E-08	1.85E-05	5.74E-03	1.02E-01	0.00E+00	1.32E-10	1.74E-10	2.02E-05	4.25E-07	1.35E-02	0.00E+00	1.02E-01	2.67E-10	1.02E-01	1.16E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.51E-04
NFN303	3.93E-05	1.08E-02	3.46E-03	1.50E-02	0.00E+00	0.00E+00	2.18E-01	2.04E-07	2.01E-05	1.16E-04	0.00E+00	3.58E-04	1.65E-09	4.93E-11	2.26E-03	3.60E-05	1.23E-03	9.94E-09	2.50E-05	6.86E-03	1.37E-01	0.00E+00	1.81E-10	2.37E-10	2.74E-05	6.36E-07	1.82E-02	0.00E+00	1.37E-01	3.48E-10	1.37E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NFN304	4.02E-05	1.14E-02	3.53E-03	1.53E-02	0.00E+00	0.00E+00	2.22E-01	2.09E-07	2.05E-05	1.19E-04	0.00E+00	3.66E-04	1.68E-09	5.02E-11	2.31E-03	3.69E-05	1.25E-03	9.67E-09	2.55E-05	6.97E-03	1.40E-01	0.00E+00	1.85E-10	2.42E-10	2.80E-05	6.53E-07	1.86E-02	0.00E+00	1.40E-01	3.55E-10	1.40E-01	1.59E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NFN306	3.39E-05	7.88E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.98E-05	0.00E+00	3.12E-04	1.44E-09	4.33E-11	1.98E-03	3.06E-05	1.07E-03	1.12E-08	2.16E-05	6.15E-03	1.19E-01	0.00E+00	1.56E-10	2.05E-10	2.37E-05	5.35E-07	1.58E-02	0.00E+00	1.19E-01	3.04E-10	1.19E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	8.94E-04
NFN310	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN313	1.00E-04	5.39E-02	8.14E-03	3.50E-02	0.00E+00	0.00E+00	5.01E-01	4.80E-07	4.61E-05	2.99E-04	0.00E+00	8.64E-04	3.86E-09	1.11E-10	5.16E-03	9.88E-05	2.88E-03	2.22E-08	6.26E-05	1.33E-02	3.39E-01	0.00E+00	4.64E-10	5.97E-10	6.94E-05	1.86E-06	4.53E-02	0.00E+00	3.39E-01	8.15E-10	3.39E-01	3.84E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
NFN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN340	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN350	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN400	6.82E-05	2.50E-02	5.84E-03	2.52E-02	0.00E+00	0.00E+00	3.65E-01	3.45E-07	3.36E-05	2.02E-04	0.00E+00	6.09E-04	2.78E-09	8.20E-11	3.78E-03	6.41E-05	2.07E-03	6.06E-09	4.31E-05	1.09E-02	2.35E-01	0.00E+00	3.14E-10	4.09E-10	4.74E-05	1.16E-06	3.13E-02	0.00E+00	2.35E-01	5.86E-10	2.35E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NFN401	5.50E-06	1.78E-02	1.00E-03	4.52E-03	0.00E+00	0.00E+00	7.07E-02	5.95E-08	6.58E-06	1.41E-05	0.00E+00	8.76E-05	4.95E-10	1.76E-11	7.68E-04	8.40E-08	3.59E-04	3.64E-08	4.40E-06	4.07E-03	2.73E-02	0.00E+00	2.36E-11	3.89E-11	4.29E-06	8.45E-08	3.45E-03	0.00E+00	2.73E-02	1.02E-10	2.73E-02	3.07E-02	3.45E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
NFN402	4.04E-05	6.08E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.56E-05	1.31E-03	1.94E-08	2.59E-05	7.86E-03	1.43E-01	0.00E+00	1.85E-10	2.45E-10	2.83E-05	6.08E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NFN403	4.05E-05	6.37E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.58E-05	1.31E-03	1.89E-08	2.59E-05	7.84E-03	1.43E-01	0.00E+00	1.86E-10	2.45E-10	2.83E-05	6.12E-07	1.90E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NFN404	4.39E-06	2.44E-02	2.38E-04	1.25E-03	0.00E+00	0.00E+00	2.43E-02	1.44E-08	2.31E-06	1.54E-05	0.00E+00	5.29E-06	1.34E-10	7.43E-12	2.92E-04	1.02E-05	8.86E-05	4.11E-08	1.70E-06	2.98E-03	5.49E-03	0.00E+00	2.21E-11	1.94E-11	2.51E-06	2.80E-07	9.37E-04	0.00E+00	5.49E-03	2.57E-11	5.49E-03	6.43E-03	9.37E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NFN406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN410	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN420	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN425	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN432	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN440	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN450	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN463	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN706	2.01E-05	3.54E-03	1.82E-03	7.89E-03	0.00E+00	0.00E+00	1.15E-01	1.07E-07	1.06E-05	5.89E-05	0.00E+00	1.86E-04	8.69E-10	2.62E-11	1.20E-03	1.78E-05	6.45E-04	8.68E-09	1.28E-05	3.82E-03	7.07E-02	0.00E+00	9.20E-11	1.21E-10	1.40E-05	3.07E-07	9.38E-03	0.00E+00	7.07E-02	1.83E-10	7.07E-02	8.00E-02	9.38E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
NFN710	4.71E-05	2.26E-02	3.89E-03	1.68E-02	0.00E+00	0.00E+00	2.41E-01	2.30E-07	2.22E-05	1.40E-04	0.00E+00	4.11E-04	1.85E-09	5.37E-11	2.49E-03	4.57E-05	1.38E-03	5.46E-09	2.95E-05	6.68E-03	1.60E-01	0.00E+00	2.17E-10	2.81E-10	3.26E-05	8.49E-07	2.14E-02	0.00E+00	1.60E-01	3.90E-10	1.60E-01	1.81E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
NFN716	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN720	4.63E-05	2.14E-02	3.84E-03	1.65E-02	0.00E+00	0.00E+00	2.38E-01	2.27E-07	2.19E-05	1.37E-04	0.00E+00	4.05E-04	1.82E-09	5.31E-11	2.46E-03	4.46E-05	1.36E-03	4.04E-09	2.90E-05	6.68E-03	1.57E-01	0.00E+00	2.13E-10	2.76E-10	3.21E-05	8.27E-07	2.10E-02	0.00E+00	1.57E-01	3.85E-10	1.57E-01	1.79E-01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
NFN725	4.92E-05	2.34E-02	4.07E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.40E-07	2.32E-05	1.46E-04	0.00E+00	4.29E-04	1.93E-09	5.62E-11	2.60E-03	4.76E-05	1.44E-03	5.47E-09	3.08E-05	7.00E-03	1.67E-01	0.00E+00	2.27E-10	2.93E-10	3.41E-05	8.85E-07	2.23E-02	0.00E+00	1.67E-01	4.08E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NFN732	2.23E-05	4.19E-03	2.01E-03	8.74E-03	0.00E+00	0.00E+00	1.27E-01	1.19E-07	1.17E-05	6.55E-05	0.00E+00	2.07E-04	9.62E-10	2.90E-11	1.33E-03	1.99E-05	7.14E-04	9.19E-09	1.42E-05	4.20E-03	7.84E-02	0.00E+00	1.02E-10	1.35E-10	1.56E-05	3.43E-07	1.04E-02	0.00E+00	7.84E-02	2.02E-10	7.84E-02	8.88E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	5.85E-04
NFN740	2.00E-05	2.47E-03	1.85E-03	8.02E-03	0.00E+00	0.00E+00	1.17E-01	1.09E-07	1.08E-05	5.87E-05	0.00E+00	1.88E-04	8.82E-10	2.68E-11	1.22E-03	1.75E-05	6.55E-04	1.06E-08	1.29E-05	3.99E-03	7.10E-02	0.00E+00	9.18E-11	1.22E-10	1.40E-05	2.97E-07	9.42E-03	0.00E+00	7.10E-02	1.86E-10	7.10E-02	8.05E-02	9.42E-03	0.00E+00	0.00E+00	0.00E+00	5.23E-04
NFN750	1.29E-05	2.48E-03	1.30E-03	5.69E-03	0.00E+00	0.00E+00	8.42E-02	7.69E-08	7.78E-06	3.75E-05	0.00E+00	1.29E-04	6.25E-10	1.96E-11	8.85E-04	1.02E-05	4.62E-04	1.43E-08	8.49E-06	3.23E-03	4.76E-02	0.00E+00	5.89E-11	7.96E-11	9.16E-06	1.55E-07	6.27E-03	0.00E+00	4.76E-02	1.31E-10	4.76E-02	5.38E-02	6.27E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
NFN763	1.56E-05	7.34E-04	1.50E-03	6.56E-03	0.00E+00	0.00E+00	9.66E-02	8.89E-08	8.92E-06	4.53E-05	0.00E+00	1.51E-04	7.21E-10	2.23E-11	1.01E-03	1.29E-05	5.34E-04	1.31E-08	1.01E-05	3.52E-03	5.63E-02	0.00E+00	7.11E-11	9.52E-11	1.10E-05	2.06E-07	7.44E-03	0.00E+00	5.63E-02	1.51E-10	5.63E-02	6.37E-02	7.44E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-04
NFT306	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT310	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT316	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT320	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT325	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT332	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT340	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT701	1.15E-05	2.45E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.51E-02	6.08E-08	6.00E-06	3.38E-05	0.00E+00	1.06E-04	4.92E-10	1.48E-11	6.77E-04	1.03E-05	3.65E-04	4.20E-09	7.33E-06	2.12E-03	4.03E-02	0.00E+00	5.27E-11	6.94E-11	8.03E-06	1.79E-07	5.35E-03	0.00E+00	4.03E-02	1.03E-10	4.03E-02	4.56E-02	5.35E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
NFT702	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT703	1.23E-05	2.83E-03	1.09E-03	4.74E-03	0.00E+00	0.00E+00	6.90E-02	6.46E-08	6.36E-06	3.61E-05	0.00E+00	1.13E-04	5.22E-10	1.57E-11	7.17E-04	1.11E-05	3.88E-04	4.09E-09	7.81E-06	2.23E-03	4.29E-02	0.00E+00	5.63E-11	7.40E-11	8.56E-06	1.93E-07	5.70E-03	0.00E+00	4.29E-02	1.10E-10	4.29E-02	4.86E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NFT704	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT706	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NFT710	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NFT716	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NFT720	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT725	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT732	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT740	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NFT806	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT810	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT816	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT820	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03

NFT825	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT832	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NFT840	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGN100	4.87E-05	2.78E-02	3.90E-03	1.68E-02	0.00E+00	0.00E+00	2.40E-01	2.30E-07	2.20E-05	1.45E-04	0.00E+00	4.15E-04	1.85E-09	5.30E-11	2.46E-03	4.84E-05	1.38E-03	1.39E-08	3.03E-05	6.18E-03	1.64E-01	0.00E+00	2.25E-10	2.89E-10	3.36E-05	9.18E-07	2.19E-02	0.00E+00	1.64E-01	3.91E-10	1.64E-01	1.85E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NGN101	1.96E-05	8.00E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.50E-06	5.81E-05	0.00E+00	1.74E-04	7.87E-10	2.31E-11	1.07E-03	1.86E-05	5.87E-04	2.51E-10	1.23E-05	3.00E-03	6.72E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.41E-07	8.96E-03	0.00E+00	6.72E-02	1.66E-10	6.72E-02	7.62E-02	8.96E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
NGN102	1.93E-05	7.79E-03	1.63E-03	7.05E-03	0.00E+00	0.00E+00	1.02E-01	9.64E-08	9.37E-06	5.72E-05	0.00E+00	1.71E-04	7.77E-10	2.28E-11	1.05E-03	1.83E-05	5.78E-04	3.96E-10	1.22E-05	2.97E-03	6.62E-02	0.00E+00	8.90E-11	1.16E-10	1.34E-05	3.35E-07	8.83E-03	0.00E+00	6.62E-02	1.64E-10	6.62E-02	7.50E-02	8.83E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04
NGN103	1.79E-05	6.88E-03	1.52E-03	6.58E-03	0.00E+00	0.00E+00	9.51E-02	9.00E-08	8.75E-06	5.30E-05	0.00E+00	1.59E-04	7.25E-10	2.13E-11	9.84E-04	1.69E-05	5.40E-04	9.98E-10	1.13E-05	2.81E-03	6.15E-02	0.00E+00	8.25E-11	1.07E-10	1.24E-05	3.07E-07	8.20E-03	0.00E+00	6.15E-02	1.53E-10	6.15E-02	6.97E-02	8.20E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04
NGN104	1.96E-05	8.00E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.50E-06	5.81E-05	0.00E+00	1.74E-04	7.87E-10	2.31E-11	1.07E-03	1.86E-05	5.87E-04	2.51E-10	1.23E-05	3.00E-03	6.72E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.41E-07	8.96E-03	0.00E+00	6.72E-02	1.66E-10	6.72E-02	7.62E-02	8.96E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
NGN106	1.05E-05	2.02E-03	9.43E-04	4.09E-03	0.00E+00	0.00E+00	5.97E-02	5.57E-08	5.50E-06	3.07E-05	0.00E+00	9.69E-05	4.51E-10	1.36E-11	6.21E-04	9.33E-06	3.35E-04	4.22E-09	6.68E-06	1.96E-03	3.68E-02	0.00E+00	4.80E-11	6.32E-11	7.31E-06	1.61E-07	4.88E-03	0.00E+00	3.68E-02	9.48E-11	3.68E-02	4.17E-02	4.88E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
NGN110	2.35E-05	1.12E-02	1.94E-03	8.36E-03	0.00E+00	0.00E+00	1.20E-01	1.15E-07	1.11E-05	6.98E-05	0.00E+00	2.05E-04	9.22E-10	2.68E-11	1.24E-03	2.28E-05	6.87E-04	2.66E-09	1.47E-05	3.34E-03	7.99E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.23E-07	1.07E-02	0.00E+00	7.99E-02	1.95E-10	7.99E-02	9.05E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.32E-04
NGN113	3.46E-05	1.87E-02	2.80E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.65E-07	1.58E-05	1.03E-04	0.00E+00	2.97E-04	1.33E-09	3.82E-11	1.77E-03	3.41E-05	9.90E-04	7.90E-09	2.15E-05	4.56E-03	1.17E-01	0.00E+00	1.60E-10	2.05E-10	2.39E-05	6.42E-07	1.56E-02	0.00E+00	1.17E-01	2.80E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.35E-04
NGN116	2.37E-05	1.13E-02	1.96E-03	8.45E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.05E-05	0.00E+00	2.07E-04	9.31E-10	2.71E-11	1.25E-03	2.30E-05	6.95E-04	2.61E-09	1.49E-05	3.38E-03	8.07E-02	0.00E+00	1.10E-10	1.42E-10	1.64E-05	4.27E-07	1.08E-02	0.00E+00	8.07E-02	1.97E-10	8.07E-02	9.14E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
NGN120	2.28E-05	1.05E-02	1.90E-03	8.18E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.78E-05	0.00E+00	2.00E-04	9.01E-10	2.63E-11	1.22E-03	2.20E-05	6.72E-04	1.83E-09	1.43E-05	3.31E-03	7.78E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.07E-07	1.04E-02	0.00E+00	7.78E-02	1.90E-10	7.78E-02	8.82E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NGN125	2.15E-05	9.56E-03	1.79E-03	7.73E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.03E-05	6.38E-05	0.00E+00	1.89E-04	8.52E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	1.17E-09	1.35E-05	3.16E-03	7.33E-02	0.00E+00	9.91E-11	1.28E-10	1.49E-05	3.80E-07	9.78E-03	0.00E+00	7.33E-02	1.80E-10	7.33E-02	8.31E-02	9.78E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
NGN132	1.23E-05	2.83E-03	1.09E-03	4.74E-03	0.00E+00	0.00E+00	6.90E-02	6.46E-08	6.36E-06	3.61E-05	0.00E+00	1.13E-04	5.22E-10	1.57E-11	7.17E-04	1.11E-05	3.88E-04	4.09E-09	7.81E-06	2.23E-03	4.29E-02	0.00E+00	5.63E-11	7.40E-11	8.56E-06	1.93E-07	5.70E-03	0.00E+00	4.29E-02	1.10E-10	4.29E-02	4.86E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NGN140	9.74E-06	1.02E-03	9.02E-04	3.92E-03	0.00E+00	0.00E+00	5.74E-02	5.33E-08	5.30E-06	2.85E-05	0.00E+00	9.20E-05	4.32E-10	1.31E-11	5.99E-04	8.47E-06	3.20E-04	5.49E-09	6.27E-06	1.97E-03	3.46E-02	0.00E+00	4.47E-11	5.92E-11	6.83E-06	1.43E-07	4.59E-03	0.00E+00	3.46E-02	9.07E-11	3.46E-02	3.92E-02	4.59E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
NGN150	1.08E-05	1.77E-03	9.81E-04	4.26E-03	0.00E+00	0.00E+00	6.22E-02	5.80E-08	5.73E-06	3.17E-05	0.00E+00	1.01E-04	4.69E-10	1.42E-11	6.48E-04	9.54E-06	3.48E-04	4.92E-09	6.90E-06	2.08E-03	3.80E-02	0.00E+00	4.95E-11	6.53E-11	7.55E-06	1.64E-07	5.05E-03	0.00E+00	3.80E-02	9.86E-11	3.80E-02	4.31E-02	5.05E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
NGN163	5.61E-06	1.89E-03	5.86E-04	2.57E-03	0.00E+00	0.00E+00	3.83E-02	3.47E-08	3.54E-06	1.62E-05	0.00E+00	5.78E-05	2.83E-10	8.94E-12	4.03E-04	4.22E-06	2.08E-04	7.67E-09	3.73E-06	1.53E-03	2.10E-02	0.00E+00	2.55E-11	3.48E-11	4.00E-06	5.99E-08	2.76E-03	0.00E+00	2.10E-02	5.92E-11	2.10E-02	2.38E-02	2.76E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04
NGN200	3.91E-05	1.58E-02	3.30E-03	1.43E-02	0.00E+00	0.00E+00	2.06E-01	1.95E-07	1.89E-05	1.16E-04	0.00E+00	3.46E-04	1.57E-09	4.61E-11	2.13E-03	3.71E-05	1.17E-03	6.58E-10	2.46E-05	6.00E-03	1.34E-01	0.00E+00	1.80E-10	2.34E-10	2.71E-05	6.78E-07	1.79E-02	0.00E+00	1.34E-01	3.31E-10	1.34E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NGN201	4.35E-05	1.90E-02	3.64E-03	1.57E-02	0.00E+00	0.00E+00	2.26E-01	2.15E-07	2.08E-05	1.29E-04	0.00E+00	3.83E-04	1.73E-09	5.06E-11	2.34E-03	4.17E-05	1.29E-03	1.76E-09	2.73E-05	6.46E-03	1.49E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.67E-07	1.98E-02	0.00E+00	1.49E-01	3.65E-10	1.49E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NGN202	2.37E-05	5.41E-03	2.11E-03	9.16E-03	0.00E+00	0.00E+00	1.33E-01	1.25E-07	1.23E-05	6.97E-05	0.00E+00	2.18E-04	1.01E-09	3.03E-11	1.39E-03	2.14E-05	7.49E-04	8.01E-09	1.51E-05	4.31E-03	8.29E-02	0.00E+00	1.09E-10	1.43E-10	1.65E-05	3.73E-07	1.10E-02	0.00E+00	8.29E-02	2.12E-10	8.29E-02	9.39E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
NGN203	2.92E-05	9.24E-03	2.54E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.50E-07	1.47E-05	8.62E-05	0.00E+00	2.64E-04	1.21E-09	3.59E-11	1.65E-03	2.70E-05	8.99E-04	5.22E-09	1.85E-05	4.90E-03	1.01E-01	0.00E+00	1.34E-10	1.75E-10	2.03E-05	4.83E-07	1.35E-02	0.00E+00	1.01E-01	2.55E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.75E-04
NGN204	1.92E-05	2.21E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.63E-05	0.00E+00	1.81E-04	8.49E-10	2.58E-11	1.18E-03	1.68E-05	6.29E-04	1.05E-08	1.24E-05	3.85E-03	6.82E-02	0.00E+00	8.81E-11	1.17E-10	1.35E-05	2.83E-07	9.04E-03	0.00E+00	6.82E-02	1.78E-10	6.82E-02	7.73E-02	9.04E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-04
NGN206	3.38E-05	1.29E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	1.00E-04	0.00E+00	3.01E-04	1.37E-09	4.03E-11	1.86E-03	3.19E-05	1.02E-03	1.97E-09	2.13E-05	5.31E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.79E-07	1.55E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.02E-04
NGN210	6.04E-05	3.16E-02	4.92E-03	2.11E-02	0.00E+00	0.00E+00	3.03E-01	2.90E-07	2.79E-05	1.80E-04	0.00E+00	5.21E-04	2.33E-09	6.73E-11	3.12E-03	5.92E-05	1.74E-03	1.19E-08	3.77E-05	8.13E-03	2.04E-01	0.00E+00	2.79E-10	3.59E-10	4.18E-05	1.11E-06	2.73E-02	0.00E+00	2.04E-01	4.93E-10	2.04E-01	2.31E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
NGN216	5.71E-05	2.92E-02	4.66E-03	2.01E-02	0.00E+00	0.00E+00	2.88E-01	2.75E-07	2.65E-05	1.70E-04	0.00E+00	4.93E-04	2.21E-09	6.40E-11	2.96E-03	5.57E-05	1.65E-03	9.97E-09	3.56E-05	7.79E-03	1.93E-01	0.00E+00	2.63E-10	3.39E-10	3.95E-05	1.04E-06	2.58E-02	0.00E+00	1.93E-01	4.67E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
NGN220	6.24E-05	3.25E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.14E-01	3.00E-07	2.89E-05	1.86E-04	0.00E+00	5.39E-04	2.41E-09	6.97E-11	3.23E-03	6.12E-05	1.80E-03	1.19E-08	3.89E-05	8.44E-03	2.11E-01	0.00E+00	2.88E-10	3.71E-10	4.32E-05	1.15E-06	2.82E-02	0.00E+00	2.11E-01	5.10E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
NGN225	6.35E-05	3.32E-02	5.17E-03	2.22E-02	0.00E+00	0.00E+00	3.19E-01	3.05E-07	2.93E-05	1.89E-04	0.00E+00	5.48E-04	2.45E-09	7.08E-11	3.28E-03	6.23E-05	1.83E-03	1.25E-08	3.96E-05	8.56E-03	2.15E-01	0.00E+00	2.93E-10	3.78E-10	4.39E-05	1.17E-06	2.87E-02	0.00E+00	2.15E-01	5.18E-10	2.15E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
NGN232	3.68E-05	1.41E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.95E-01	1.85E-07	1.80E-05	1.09E-04	0.00E+00	3.27E-04	1.49E-09	4.39E-11	2.02E-03	3.47E-05	1.11E-03	2.11E-09	2.32E-05	5.78E-03	1.26E-01	0.00E+00	1.69E-10	2.20E-10	2.56E-05	6.31E-07	1.68E-02	0.00E+00	1.26E-01	3.14E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
NGN240	1.90E-05	1.56E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.57E-05	0.00E+00	1.80E-04	8.49E-10	2.59E-11	1.18E-03	1.64E-05	6.29E-04	1.15E-08	1.23E-05	3.91E-03	6.78E-02	0.00E+00	8.72E-11	1.16E-10	1.34E-05	2.75E-07	8.98E-03	0.00E+00	6.78E-02	1.78E-10	6.78E-02	7.68E-02	8.98E-03	0.00E+00	0.00E+00	0.00E+00	4.95E-04
NGN250	3.34E-05	1.15E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.87E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.87E-03	3.11E-05	1.02E-03	4.27E-09	2.11E-05	5.46E-03	1.15E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	5.61E-07	1.54E-02	0.00E+00	1.15E-01	2.89E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.88E-04
NGN263	3.23E-05	1.06E-02	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.75E-01	1.65E-07	1.61E-05	9.53E-05	0.00E+00	2.90E-04	1.33E-09	3.94E-11	1.81E-03	3.00E-05	9.89E-04	4.99E-09	2.04E-05	5.35E-03	1.12E-01	0.00E+00	1.48E-10	1.94E-10	2.25E-05	5.38E-07	1.49E-02	0.00E+00	1.12E-01	2.80E-10	1.12E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04
NGN300	7.18E-05	3.27E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.70E-01	3.52E-07	3.41E-05	2.13E-04	0.00E+00	6.29E-04	2.84E-09	8.27E-11	3.82E-03	6.91E-05	2.11E-03	5.33E-09	4.50E-05	1.04E-02	2.45E-01	0.00E+00	3.31E-10	4.28E-10	4.98E-05	1.28E-06	3.26E-02	0.00E+00	2.45E-01	5.99E-10	2.45E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
NGN301	2.48E-06	1.78E-02	2.42E-04	1.21E-03	0.00E+00	0.00E+00	2.21E-02	1.46E-08	2.09E-06	9.16E-06	0.00E+00	1.08E-05	1.31E-10	6.43E-12	2.59E-04	6.81E-06	8.89E-05	3.05E-08	7.72E-07	2.33E-03	1.42E-03	0.00E+00	1.28E-11	9.79E-12	1.32E-06	1.94E-07	3.41E-04	0.00E+00	1.42E-03	2.56E-11	1.42E-03	1.76E-03	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
NGN302	3.36E-05	6.73E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.87E-05	0.00E+00	3.11E-04	1.44E-09	4.35E-11	1.99E-03	3.00E-05	1.07E-03	1.31E-08	2.14E-05	6.27E-03	1.18E-01	0.00E+00	1.54E-10	2.03E-10	2.35E-05	5.21E-07	1.57E-02	0.00E+00	1.18E-01	3.04E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	8.83E-04
NGN303	2.07E-05	2.01E-03	2.02E-03	8.84E-03	0.00E+00	0.00E+00	1.30E-01	1.20E-07	1.20E-05	6.01E-05	0.00E+00	2.03E-04	9.72E-10	3.02E-11	1.37E-03	1.69E-05	7.19E-04	1.92E-08	1.35E-05	4.85E-03	7.52E-02	0.00E+00	9.43E-11	1.27E-10	1.46E-05	2.65E-07	9.93E-03	0.00E+00	7.52E-02	2.04E-10	7.52E-02	8.51E-02	9.93E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
NGN304	2.37E-05	7.16E-05	2.26E-03	9.84E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	6.92E-05	0.00E+00	2.28E-04	1.08E-09	3.33E-11	1.51E-03	2.00E-05	8.02E-04	1.77E-08	1.54E-05	5.18E-03	8.52E-02	0.00E+00	1.08E-10	1.45E-10	1.67E-05	3.25E-07	1.13E-02	0.00E+00	8.52E-02	2.27E-10	8.52E-02	9.65E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NGN306	3.39E-05	7.88E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.98E-05	0.00E+00	3.12E-04	1.44E-09	4.33E-11	1.98E-03	3.06E-05	1.07E-03	1.12E-08	2.16E-05	6.15E-03	1.19E-01	0.00E+00	1.56E-10	2.05E-10	2.37E-05	5.35E-07	1.58E-02	0.00E+00	1.19E-01	3.04E-10	1.19E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	8.94E-04
NGN310	5.40E-05	2.24E-02	4.55E-03	1.96E-02	0.00E+00	0.00E+00	2.83E-01	2.69E-07	2.61E-05	1.60E-04	0.00E+00	4.77E-04	2.16E-09	6.35E-11	2.93E-03	5.14E-05	1.61E-03	8.42E-11	3.40E-05	8.22E-03	1.85E-01	0.00E+00	2.49E-10	3.23E-10	3.75E-05	9.41E-07	2.47E-02	0.00E+00	1.85E-01	4.57E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
NGN316	6.71E-05	3.11E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.45E-01	3.29E-07	3.18E-05	1.99E-04	0.00E+00	5.87E-04	2.64E-09	7.71E-11	3.56E-03	6.47E-05	1.97E-03	5.82E-09	4.20E-05	9.69E-03	2.28E-01	0.00E+00	3.10E-10	4.00E-10	4.65E-05	1.20E-06	3.05E-02	0.00E+00	2.28E-01	5.59E-10	2.28E-01	2.59E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NGN320	7.68E-05	3.71E-02	6.33E-03	2.73E-02	0.00E+00	0.00E+00	3.92E-01	3.74E-07	3.61E-05	2.28E-04	0.00E+00	6.69E-04	3.01E-09	8.74E-11	4.04E-03	7.45E-05	2.24E-03	9.55E-09	4.81E-05	1.08E-02	2.61E-01	0.00E+00	3.55E-10	4.58E-10	5.32E-05	1.39E-06	3.48E-02	0.00E+00	2.61E-01	6.35E-10	2.61E-01	2.96E-01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
NGN325	6.97E-05	3.22E-02	5.78E-03	2.49E-02	0.00E+00	0.00E+00	3.58E-01	3.41E-07	3.30E-05	2.07E-04	0.00E+00	6.09E-04	2.75E-09	8.00E-11	3.70E-03	6.72E-05	2.05E-03	6.05E-09	4.36E-05	1.01E-02	2.37E-01	0.00E+00	3.21E-10	4.16E-10	4.83E-05	1.24E-06	3.16E-02	0.00E+00	2.37E-01	5.80E-10	2.37E-01	2.69E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
NGN332	3.67E-05	8.47E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.32E-05	1.16E-03	1.23E-08	2.34E-05	6.68E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.79E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.68E-04
NGN340	3.67E-05	8.19E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.37E-04	1.56E-09	4.70E-11	2.15E-03	3.30E-05	1.16E-03	1.28E-08	2.34E-05	6.70E-03	1.28E-01	0.00E+00	1.68E-10	2.21E-10	2.56E-05	5.76E-07	1.71E-02	0.00E+00	1.28E-01	3.29E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.65E-04
NGN350	2.34E-05	1.08E-03	2.26E-03	9.85E-03	0.00E+00	0.00E+00	1.45E-01	1.33E-07	1.34E-05	6.81E-05	0.00E+00	2.27E-04	1.08E-09	3.34E-11	1.52E-03	1.94E-05	8.02E-04	1.96E-08	1.52E-05	5.29E-03	8.45E-02	0.00E+00	1.07E-10	1.43E-10	1.65E-05	3.10E-07	1.12E-02	0.00E+00	8.45E-02	2.27E-10	8.45E-02	9.57E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-04
NGN363	1.97E-07	1.70E-02	4.76E-04	2.22E-03	0.00E+00	0.00E+00	3.67E-02	2.84E-08	3.44E-06	1.26E-06	0.00E+00	3.50E-05	2.42E-10	9.74E-12	4.11E-04	4.34E-06	1.72E-04	3.11E-08	9.25E-07	2.78E-03	7.87E-03	0.00E+00	5.34E-13	6.30E-12	5.42E-07	1.50E-07	8.94E-04	0.00E+00	7.87E-03	4.91E-11	7.87E-03	8.76E-03	8.94E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05
NGN400	1.08E-04	5.20E-02	8.90E-03	3.83E-02	0.00E+00	0.00E+00	5.51E-01	5.25E-07	5.07E-05	3.20E-04	0.00E+00	9.39E-04	4.22E-09	1.23E-10	5.68E-03	1.05E-04	3.15E-03	1.32E-08	6.75E-05	1.52E-02	3.66E-01	0.00E+00	4.98E-10	6.43E-10	7.47E-05	1.95E-06	4.89E-02	0.00E+00	3.66E-01	8.92E-10	3.66E-01	4.15E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
NGN401	3.05E-05	5.81E-04	2.93E-03	1.28E-02	0.00E+00	0.00E+00	1.88E-01	1.73E-07	1.73E-05	8.90E-05	0.00E+00	2.95E-04	1.40E-09	4.32E-11	1.96E-03	2.55E-05	1.04E-03	2.41E-08	1.98E-05	6.77E-03	1.10E-01	0.00E+00	1.40E-10	1.86E-10	2.15E-05	4.13E-07	1.46E-02	0.00E+00	1.10E-01	2.95E-10	1.10E-01	1.25E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	7.88E-04
NGN402	3.86E-05	4.84E-03	3.55E-03	1.54E-02	0.00E+00	0.00E+00	2.26E-01	2.10E-07	2.08E-05	1.13E-04	0.00E+00	3.63E-04	1.70E-09	5.15E-11	2.35E-03	3.38E-05	1.26E-03	2.03E-08	2.48E-05	7.67E-03	1.37E-01	0.00E+00	1.77E-10	2.34E-10	2.70E-05	5.72E-07	1.81E-02	0.00E+00	1.37E-01	3.57E-10	1.37E-01	1.55E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NGN403	4.16E-05	7.02E-03	3.78E-03	1.64E-02	0.00E+00	0.00E+00	2.39E-01	2.23E-07	2.21E-05	1.22E-04	0.00E+00	3.87E-04	1.81E-09	5.45E-11	2.49E-03	3.68E-05	1.34E-03	1.86E-08	2.66E-05	7.97E-03	1.47E-01	0.00E+00	1.91E-10	2.52E-10	2.91E-05	6.33E-07	1.95E-02	0.00E+00	1.47E-01	3.80E-10	1.47E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
NGN404	8.83E-06	1.54E-02	1.26E-03	5.61E-03	0.00E+00	0.00E+00	8.62E-02	7.45E-08	7.99E-06	2.41E-05	0.00E+00	1.15E-04	6.15E-10	2.10E-11	9.26E-04	3.35E-06	4.49E-04	3.46E-08	6.45E-06	4.42E-03	3.83E-02	0.00E+00	3.91E-11	5.85E-11	6.58E-06	1.74E-08	4.93E-03	0.00E+00	3.83E-02	1.28E-10	3.83E-02	4.32E-02	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04
NGN406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NGN410	8.08E-05	3.59E-02	6.75E-03	2.91E-02	0.00E+00	0.00E+00	4.19E-01	3.98E-07	3.86E-05	2.40E-04	0.00E+00	7.10E-04	3.21E-09	9.37E-11	4.33E-03	7.75E-05	2.39E-03	4.28E-09	5.07E-05	1.19E-02	2.76E-01	0.00E+00	3.73E-10	4.83E-10	5.61E-05	1.43E-06	3.68E-02	0.00E+00	2.76E-01	6.77E-10	2.76E-01	3.13E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
NGN416	8.73E-05	4.00E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.14E-05	2.59E-04	0.00E+00	7.64E-04	3.45E-09	1.01E-10	4.65E-03	8.41E-05	2.57E-03	6.77E-09	5.47E-05	1.27E-02	2.97E-01	0.00E+00	4.03E-10	5.21E-10	6.05E-05	1.56E-06	3.97E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.37E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NGN420	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NGN425	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NGN432	4.02E-05	5.33E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.18E-04	0.00E+00	3.77E-04	1.76E-09	5.35E-11	2.44E-03	3.52E-05	1.31E-03	2.06E-08	2.58E-05	7.94E-03	1.42E-01	0.00E+00	1.84E-10	2.44E-10	2.82E-05	5.98E-07	1.89E-02	0.00E+00	1.42E-01	3.71E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
NGN440	5.99E-05	1.85E-02	5.22E-03	2.26E-02	0.00E+00	0.00E+00	3.27E-01	3.08E-07	3.02E-05	1.77E-04	0.00E+00	5.42E-04	2.49E-09	7.39E-11	3.40E-03	5.53E-05	1.85E-03	1.15E-08	3.80E-05	1.01E-02	2.08E-01	0.00E+00	2.76E-10	3.60E-10	4.17E-05	9.88E-07	2.76E-02	0.00E+00	2.08E-01	5.24E-10	2.08E-01	2.35E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
NGN450	2.68E-05	4.34E-03	2.67E-03	1.17E-02	0.00E+00	0.00E+00	1.73E-01	1.58E-07	1.60E-05	7.77E-05	0.00E+00	2.67E-04	1.28E-09	4.01E-11	1.81E-03	2.14E-05	9.49E-04	2.81E-08	1.76E-05	6.56E-03	9.82E-02	0.00E+00	1.22E-10	1.65E-10	1.90E-05	3.28E-07	1.30E-02	0.00E+00	9.82E-02	2.69E-10	9.82E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
NGN463	6.64E-05	2.26E-02	5.73E-03	2.48E-02	0.00E+00	0.00E+00	3.59E-01	3.38E-07	3.30E-05	1.96E-04	0.00E+00	5.96E-04	2.73E-09	8.08E-11	3.72E-03	6.19E-05	2.03E-03	8.98E-09	4.20E-05	1.09E-02	2.29E-01	0.00E+00	3.06E-10	3.98E-10	4.62E-05	1.11E-06	3.05E-02	0.00E+00	2.29E-01	5.75E-10	2.29E-01	2.60E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NGT306	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT310	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT316	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT320	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT325	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT332	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT340	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT701	8.65E-06	3.70E-04	8.16E-04	3.55E-03	0.00E+00	0.00E+00	5.21E-02	4.82E-08	4.81E-06	2.53E-05	0.00E+00	8.27E-05	3.91E-10	1.20E-11	5.45E-04	7.38E-06	2.89E-04	5.85E-09	5.59E-06	1.83E-03	3.10E-02	0.00E+00	3.96E-11	5.27E-11	6.08E-06	1.22E-07	4.10E-03	0.00E+00	3.10E-02	8.21E-11	3.10E-02	3.51E-02	4.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NGT702	1.24E-05	5.69E-03	1.07E-03	4.62E-03	0.00E+00	0.00E+00	6.65E-02	6.32E-08	6.12E-06	3.81E-05	0.00E+00	1.12E-04	5.09E-10	1.49E-11	6.87E-04	1.23E-05	3.79E-04	0.00E+00	8.01E-06	1.89E-03	4.38E-02	0.00E+00	5.92E-11	7.66E-11	8.90E-06	2.27E-07	5.84E-03	0.00E+00	4.38E-02	1.07E-10	4.38E-02	4.96E-02	5.84E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
NGT703	1.14E-05	2.34E-03	1.03E-03	4.47E-03	0.00E+00	0.00E+00	6.51E-02	6.08E-08	6.00E-06	3.37E-05	0.00E+00	1.06E-04	4.92E-10	1.48E-11	6.77E-04	1.03E-05	3.65E-04	4.39E-09	7.31E-06	2.13E-03	4.02E-02	0.00E+00	5.26E-11	6.92E-11	8.00E-06	1.78E-07	5.34E-03	0.00E+00	4.02E-02	1.03E-10	4.02E-02	4.56E-02	5.34E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
NGT704	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT706	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT710	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT716	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT720	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT725	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT732	2.83E-05	2.24E-02	1.34E-02	8.96E-03	6.65E-11	0.00E+00	1.26E-01	1.24E-07	1.16E-05	8.51E-05	0.00E+00	5.01E-04	9.89E-10	2.74E-11	1.29E-03	2.98E-05	7.42E-04	6.76E-03	6.00E-05	2.59E-03	9.25E-02	0.00E+00	1.31E-10	1.66E-10	1.94E-05	5.90E-07	1.24E-02	0.00E+00	9.25E-02	4.71E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NGT740	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
NGT806	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT810	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT816	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT820	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT825	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT832	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
NGT840	1.30E-04	1.03E-01	6.15E-02	4.10E-02	3.04E-10	0.00E+00	5.78E-01	5.67E-07	5.30E-05	3.89E-04	0.00E+00	2.29E-03	4.52E-09	1.25E-10	5.88E-03	1.36E-04	3.39E-03	3.09E-02	2.74E-04	1.18E-02	4.23E-01	0.00E+00	6.01E-10	7.60E-10	8.88E-05	2.70E-06	5.69E-02	0.00E+00	4.23E-01	2.16E-09	4.23E-01	4.80E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03

NKN100	1.13E-05	2.25E-03	1.01E-03	4.40E-03	0.00E+00	0.00E+00	6.42E-02	5.99E-08	5.91E-06	3.31E-05	0.00E+00	1.04E-04	4.84E-10	1.46E-11	6.68E-04	1.01E-05	3.60E-04	4.41E-09	7.20E-06	2.10E-03	3.96E-02	0.00E+00	5.17E-11	6.81E-11	7.88E-06	1.75E-07	5.26E-03	0.00E+00	3.96E-02	1.02E-10	3.96E-02	4.48E-02	5.26E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NKN101	1.03E-05	1.65E-03	9.41E-04	4.08E-03	0.00E+00	0.00E+00	5.96E-02	5.56E-08	5.50E-06	3.03E-05	0.00E+00	9.63E-05	4.50E-10	1.36E-11	6.21E-04	9.13E-06	3.34E-04	4.78E-09	6.61E-06	1.99E-03	3.64E-02	0.00E+00	4.74E-11	6.25E-11	7.23E-06	1.56E-07	4.84E-03	0.00E+00	3.64E-02	9.46E-11	3.64E-02	4.13E-02	4.84E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
NKN103	1.46E-05	4.62E-03	1.27E-03	5.49E-03	0.00E+00	0.00E+00	7.96E-02	7.49E-08	7.33E-06	4.31E-05	0.00E+00	1.32E-04	6.05E-10	1.80E-11	8.25E-04	1.35E-05	4.50E-04	2.61E-09	9.25E-06	2.45E-03	5.06E-02	0.00E+00	6.72E-11	8.77E-11	1.02E-05	2.42E-07	6.73E-03	0.00E+00	5.06E-02	1.27E-10	5.06E-02	5.73E-02	6.73E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04
NKN106	9.10E-06	1.09E-03	8.39E-04	3.65E-03	0.00E+00	0.00E+00	5.33E-02	4.96E-08	4.92E-06	2.67E-05	0.00E+00	8.56E-05	4.01E-10	1.22E-11	5.56E-04	7.95E-06	2.98E-04	4.88E-09	5.85E-06	1.82E-03	3.23E-02	0.00E+00	4.17E-11	5.52E-11	6.38E-06	1.34E-07	4.28E-03	0.00E+00	3.23E-02	8.44E-11	3.23E-02	3.66E-02	4.28E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04
NKN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN116	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN120	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN125	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN132	1.29E-05	3.26E-03	1.14E-03	4.95E-03	0.00E+00	0.00E+00	7.19E-02	6.74E-08	6.63E-06	3.80E-05	0.00E+00	1.18E-04	5.45E-10	1.63E-11	7.47E-04	1.17E-05	4.05E-04	3.79E-09	8.20E-06	2.29E-03	4.50E-02	0.00E+00	5.92E-11	7.77E-11	8.99E-06	2.06E-07	5.98E-03	0.00E+00	4.50E-02	1.15E-10	4.50E-02	5.10E-02	5.98E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
NKN140	8.36E-06	7.44E-05	7.95E-04	3.46E-03	0.00E+00	0.00E+00	5.09E-02	4.70E-08	4.70E-06	2.44E-05	0.00E+00	8.04E-05	3.81E-10	1.17E-11	5.33E-04	7.05E-06	2.82E-04	6.16E-09	5.41E-06	1.82E-03	3.00E-02	0.00E+00	3.82E-11	5.10E-11	5.88E-06	1.15E-07	3.97E-03	0.00E+00	3.00E-02	8.00E-11	3.00E-02	3.40E-02	3.97E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
NKN150	7.78E-06	3.67E-04	7.52E-04	3.28E-03	0.00E+00	0.00E+00	4.83E-02	4.44E-08	4.46E-06	2.27E-05	0.00E+00	7.57E-05	3.61E-10	1.11E-11	5.06E-04	6.45E-06	2.67E-04	6.53E-09	5.06E-06	1.76E-03	2.81E-02	0.00E+00	3.55E-11	4.76E-11	5.48E-06	1.03E-07	3.72E-03	0.00E+00	2.81E-02	7.57E-11	2.81E-02	3.19E-02	3.72E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
NKN163	8.59E-06	1.40E-04	8.16E-04	3.55E-03	0.00E+00	0.00E+00	5.22E-02	4.82E-08	4.82E-06	2.51E-05	0.00E+00	8.25E-05	3.91E-10	1.20E-11	5.46E-04	7.26E-06	2.89E-04	6.22E-09	5.56E-06	1.86E-03	3.08E-02	0.00E+00	3.93E-11	5.24E-11	6.04E-06	1.19E-07	4.08E-03	0.00E+00	3.08E-02	8.21E-11	3.08E-02	3.49E-02	4.08E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NKN200	8.20E-05	4.52E-02	6.61E-03	2.84E-02	0.00E+00	0.00E+00	4.07E-01	3.90E-07	3.74E-05	2.44E-04	0.00E+00	7.03E-04	3.13E-09	9.02E-11	4.19E-03	8.10E-05	2.34E-03	2.03E-08	5.10E-05	1.07E-02	2.76E-01	0.00E+00	3.79E-10	4.87E-10	5.67E-05	1.53E-06	3.69E-02	0.00E+00	2.76E-01	6.62E-10	2.76E-01	3.13E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
NKN201	1.93E-05	2.52E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.66E-05	0.00E+00	1.81E-04	8.48E-10	2.57E-11	1.18E-03	1.69E-05	6.29E-04	9.97E-09	1.24E-05	3.82E-03	6.84E-02	0.00E+00	8.85E-11	1.17E-10	1.35E-05	2.87E-07	9.07E-03	0.00E+00	6.84E-02	1.78E-10	6.84E-02	7.75E-02	9.07E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04
NKN202	1.93E-05	2.41E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.65E-05	0.00E+00	1.81E-04	8.49E-10	2.58E-11	1.18E-03	1.69E-05	6.29E-04	1.02E-08	1.24E-05	3.83E-03	6.83E-02	0.00E+00	8.84E-11	1.17E-10	1.35E-05	2.86E-07	9.06E-03	0.00E+00	6.83E-02	1.78E-10	6.83E-02	7.74E-02	9.06E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
NKN203	9.53E-05	5.45E-02	7.63E-03	3.28E-02	0.00E+00	0.00E+00	4.69E-01	4.50E-07	4.31E-05	2.84E-04	0.00E+00	8.13E-04	3.61E-09	1.04E-10	4.82E-03	9.47E-05	2.70E-03	2.71E-08	5.92E-05	1.21E-02	3.20E-01	0.00E+00	4.41E-10	5.65E-10	6.58E-05	1.80E-06	4.28E-02	0.00E+00	3.20E-01	7.64E-10	3.20E-01	3.63E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
NKN206	3.38E-05	1.29E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	1.00E-04	0.00E+00	3.01E-04	1.37E-09	4.03E-11	1.86E-03	3.19E-05	1.02E-03	1.97E-09	2.13E-05	5.31E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.79E-07	1.55E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.02E-04
NKN210	5.72E-05	2.54E-02	4.78E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.82E-07	2.73E-05	1.70E-04	0.00E+00	5.02E-04	2.27E-09	6.64E-11	3.07E-03	5.49E-05	1.69E-03	0.00E+00	3.57E-05	8.44E-03	1.95E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.95E-01	4.79E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
NKN213	2.05E-04	1.30E-01	1.60E-02	6.87E-02	0.00E+00	0.00E+00	9.79E-01	9.46E-07	9.00E-05	6.11E-04	0.00E+00	1.72E-03	7.58E-09	2.15E-10	1.00E-02	2.07E-04	5.67E-03	8.20E-08	1.27E-04	2.39E-02	6.82E-01	0.00E+00	9.47E-10	1.21E-09	1.41E-04	3.97E-06	9.13E-02	0.00E+00	6.82E-01	1.61E-09	6.82E-01	7.73E-01	9.13E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-03
NKN216	5.72E-05	2.54E-02	4.78E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.82E-07	2.73E-05	1.70E-04	0.00E+00	5.02E-04	2.27E-09	6.64E-11	3.07E-03	5.49E-05	1.69E-03	0.00E+00	3.57E-05	8.44E-03	1.95E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.95E-01	4.79E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
NKN220	6.52E-05	3.43E-02	5.30E-03	2.28E-02	0.00E+00	0.00E+00	3.27E-01	3.13E-07	3.00E-05	1.94E-04	0.00E+00	5.62E-04	2.51E-09	7.25E-11	3.36E-03	6.40E-05	1.87E-03	1.33E-08	4.06E-05	8.74E-03	2.20E-01	0.00E+00	3.01E-10	3.88E-10	4.51E-05	1.20E-06	2.94E-02	0.00E+00	2.20E-01	5.31E-10	2.20E-01	2.49E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
NKN225	4.65E-05	2.16E-02	3.86E-03	1.66E-02	0.00E+00	0.00E+00	2.39E-01	2.28E-07	2.20E-05	1.38E-04	0.00E+00	4.06E-04	1.83E-09	5.33E-11	2.47E-03	4.48E-05	1.36E-03	4.13E-09	2.91E-05	6.70E-03	1.58E-01	0.00E+00	2.14E-10	2.77E-10	3.22E-05	8.30E-07	2.11E-02	0.00E+00	1.58E-01	3.87E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
NKN232	4.01E-05	1.64E-02	3.39E-03	1.46E-02	0.00E+00	0.00E+00	2.11E-01	2.00E-07	1.94E-05	1.19E-04	0.00E+00	3.55E-04	1.61E-09	4.73E-11	2.18E-03	3.81E-05	1.20E-03	4.94E-10	2.52E-05	6.14E-03	1.37E-01	0.00E+00	1.85E-10	2.40E-10	2.78E-05	6.96E-07	1.83E-02	0.00E+00	1.37E-01	3.40E-10	1.37E-01	1.56E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NKN240	3.61E-05	1.35E-02	3.09E-03	1.33E-02	0.00E+00	0.00E+00	1.93E-01	1.82E-07	1.77E-05	1.07E-04	0.00E+00	3.22E-04	1.47E-09	4.33E-11	1.99E-03	3.40E-05	1.09E-03	2.77E-09	2.28E-05	5.74E-03	1.24E-01	0.00E+00	1.66E-10	2.16E-10	2.51E-05	6.16E-07	1.66E-02	0.00E+00	1.24E-01	3.10E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.63E-04
NKN250	3.34E-05	1.15E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.87E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.87E-03	3.11E-05	1.02E-03	4.27E-09	2.11E-05	5.46E-03	1.15E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	5.61E-07	1.54E-02	0.00E+00	1.15E-01	2.89E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.88E-04
NKN263	3.34E-05	1.14E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.86E-05	0.00E+00	2.99E-04	1.37E-09	4.05E-11	1.87E-03	3.11E-05	1.02E-03	4.37E-09	2.11E-05	5.46E-03	1.15E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	5.60E-07	1.53E-02	0.00E+00	1.15E-01	2.89E-10	1.15E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.87E-04
NKN300	5.23E-05	1.94E-02	4.47E-03	1.93E-02	0.00E+00	0.00E+00	2.79E-01	2.64E-07	2.57E-05	1.55E-04	0.00E+00	4.67E-04	2.13E-09	6.27E-11	2.89E-03	4.92E-05	1.58E-03	4.10E-09	3.30E-05	8.32E-03	1.80E-01	0.00E+00	2.41E-10	3.13E-10	3.64E-05	8.92E-07	2.40E-02	0.00E+00	1.80E-01	4.49E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
NKN301	3.22E-05	5.78E-03	2.92E-03	1.27E-02	0.00E+00	0.00E+00	1.85E-01	1.72E-07	1.70E-05	9.46E-05	0.00E+00	2.99E-04	1.39E-09	4.20E-11	1.92E-03	2.86E-05	1.03E-03	1.38E-08	2.06E-05	6.11E-03	1.13E-01	0.00E+00	1.48E-10	1.95E-10	2.25E-05	4.93E-07	1.51E-02	0.00E+00	1.13E-01	2.93E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
NKN302	1.71E-05	4.56E-03	1.75E-03	7.66E-03	0.00E+00	0.00E+00	1.14E-01	1.03E-07	1.05E-05	4.93E-05	0.00E+00	1.73E-04	8.42E-10	2.65E-11	1.20E-03	1.31E-05	6.22E-04	2.11E-08	1.13E-05	4.47E-03	6.33E-02	0.00E+00	7.76E-11	1.05E-10	1.21E-05	1.93E-07	8.33E-03	0.00E+00	6.33E-02	1.76E-10	6.33E-02	7.16E-02	8.33E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-04
NKN303	1.12E-04	6.02E-02	9.03E-03	3.88E-02	0.00E+00	0.00E+00	5.56E-01	5.33E-07	5.11E-05	3.32E-04	0.00E+00	9.59E-04	4.28E-09	1.23E-10	5.72E-03	1.10E-04	3.19E-03	2.53E-08	6.95E-05	1.47E-02	3.76E-01	0.00E+00	5.15E-10	6.63E-10	7.71E-05	2.07E-06	5.03E-02	0.00E+00	3.76E-01	9.05E-10	3.76E-01	4.26E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03
NKN304	6.56E-05	2.87E-02	5.49E-03	2.37E-02	0.00E+00	0.00E+00	3.41E-01	3.24E-07	3.14E-05	1.95E-04	0.00E+00	5.77E-04	2.61E-09	7.63E-11	3.52E-03	6.28E-05	1.94E-03	2.72E-09	4.12E-05	9.74E-03	2.24E-01	0.00E+00	3.02E-10	3.92E-10	4.55E-05	1.16E-06	2.99E-02	0.00E+00	2.24E-01	5.50E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
NKN306	1.43E-05	5.49E-03	1.52E-03	6.65E-03	0.00E+00	0.00E+00	9.91E-02	8.97E-08	9.16E-06	4.13E-05	0.00E+00	1.49E-04	7.31E-10	2.32E-11	1.05E-03	1.06E-05	5.39E-04	2.08E-08	9.55E-06	4.02E-03	5.39E-02	0.00E+00	6.51E-11	8.92E-11	1.02E-05	1.47E-07	7.09E-03	0.00E+00	5.39E-02	1.53E-10	5.39E-02	6.10E-02	7.09E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
NKN310	7.05E-05	3.37E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.61E-01	3.44E-07	3.32E-05	2.09E-04	0.00E+00	6.15E-04	2.76E-09	8.04E-11	3.72E-03	6.83E-05	2.06E-03	7.98E-09	4.41E-05	1.00E-02	2.40E-01	0.00E+00	3.25E-10	4.20E-10	4.88E-05	1.27E-06	3.20E-02	0.00E+00	2.40E-01	5.84E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
NKN313	1.43E-04	8.32E-02	1.14E-02	4.92E-02	0.00E+00	0.00E+00	7.03E-01	6.75E-07	6.46E-05	4.28E-04	0.00E+00	1.22E-03	5.42E-09	1.55E-10	7.22E-03	1.43E-04	4.05E-03	4.31E-08	8.91E-05	1.80E-02	4.81E-01	0.00E+00	6.63E-10	8.50E-10	9.90E-05	2.71E-06	6.44E-02	0.00E+00	4.81E-01	1.15E-09	4.81E-01	5.45E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
NKN316	6.77E-05	3.00E-02	5.66E-03	2.44E-02	0.00E+00	0.00E+00	3.51E-01	3.34E-07	3.23E-05	2.01E-04	0.00E+00	5.94E-04	2.69E-09	7.85E-11	3.63E-03	6.50E-05	2.00E-03	0.00E+00	4.23E-05	9.99E-03	2.31E-01	0.00E+00	3.12E-10	4.04E-10	4.70E-05	1.20E-06	3.08E-02	0.00E+00	2.31E-01	5.67E-10	2.31E-01	2.62E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
NKN320	6.69E-05	3.04E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.99E-04	0.00E+00	5.86E-04	2.65E-09	7.72E-11	3.57E-03	6.44E-05	1.97E-03	4.71E-09	4.20E-05	9.76E-03	2.28E-01	0.00E+00	3.09E-10	3.99E-10	4.64E-05	1.19E-06	3.04E-02	0.00E+00	2.28E-01	5.59E-10	2.28E-01	2.58E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NKN325	5.96E-05	2.54E-02	5.01E-03	2.16E-02	0.00E+00	0.00E+00	3.11E-01	2.96E-07	2.87E-05	1.77E-04	0.00E+00	5.26E-04	2.38E-09	6.97E-11	3.22E-03	5.69E-05	1.77E-03	1.15E-09	3.75E-05	8.97E-03	2.04E-01	0.00E+00	2.75E-10	3.56E-10	4.14E-05	1.04E-06	2.72E-02	0.00E+00	2.04E-01	5.02E-10	2.04E-01	2.31E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
NKN332	3.34E-05	6.22E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.82E-05	0.00E+00	3.10E-04	1.44E-09	4.35E-11	1.99E-03	2.98E-05	1.07E-03	1.39E-08	2.14E-05	6.32E-03	1.18E-01	0.00E+00	1.53E-10	2.02E-10	2.34E-05	5.14E-07	1.56E-02	0.00E+00	1.18E-01	3.04E-10	1.18E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.78E-04
NKN340	3.00E-05	3.67E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.81E-05	0.00E+00	2.83E-04	1.32E-09	4.02E-11	1.83E-03	2.63E-05	9.82E-04	1.60E-08	1.93E-05	5.99E-03	1.07E-01	0.00E+00	1.38E-10	1.82E-10	2.11E-05	4.45E-07	1.41E-02	0.00E+00	1.07E-01	2.78E-10	1.07E-01	1.21E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	7.85E-04
NKN350	6.84E-06	1.24E-02	9.85E-04	4.40E-03	0.00E+00	0.00E+00	6.77E-02	5.84E-08	6.28E-06	1.86E-05	0.00E+00	9.00E-05	4.82E-10	1.65E-11	7.27E-04	2.48E-06	3.52E-04	2.76E-08	5.01E-06	3.49E-03	2.98E-02	0.00E+00	3.02E-11	4.55E-11	5.11E-06	1.76E-08	3.84E-03	0.00E+00	2.98E-02	1.00E-10	2.98E-02	3.37E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04
NKN363	1.97E-07	1.70E-02	4.76E-04	2.22E-03	0.00E+00	0.00E+00	3.67E-02	2.84E-08	3.44E-06	1.26E-06	0.00E+00	3.50E-05	2.42E-10	9.74E-12	4.11E-04	4.34E-06	1.72E-04	3.11E-08	9.25E-07	2.78E-03	7.87E-03	0.00E+00	5.34E-13	6.30E-12	5.42E-07	1.50E-07	8.94E-04	0.00E+00	7.87E-03	4.91E-11	7.87E-03	8.76E-03	8.94E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05
NKN400	7.32E-05	2.84E-02	6.22E-03	2.69E-02	0.00E+00	0.00E+00	3.88E-01	3.67E-07	3.57E-05	2.17E-04	0.00E+00	6.51E-04	2.96E-09	8.71E-11	4.02E-03	6.91E-05	2.20E-03	3.64E-09	4.61E-05	1.15E-02	2.51E-01	0.00E+00	3.37E-10	4.38E-10	5.09E-05	1.26E-06	3.35E-02	0.00E+00	2.51E-01	6.24E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
NKN401	7.16E-05	2.74E-02	6.10E-03	2.63E-02	0.00E+00	0.00E+00	3.80E-01	3.60E-07	3.50E-05	2.12E-04	0.00E+00	6.37E-04	2.90E-09	8.54E-11	3.94E-03	6.75E-05	2.16E-03	4.17E-09	4.51E-05	1.13E-02	2.46E-01	0.00E+00	3.30E-10	4.29E-10	4.97E-05	1.23E-06	3.28E-02	0.00E+00	2.46E-01	6.12E-10	2.46E-01	2.79E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
NKN402	5.50E-06	1.78E-02	1.00E-03	4.52E-03	0.00E+00	0.00E+00	7.07E-02	5.95E-08	6.58E-06	1.41E-05	0.00E+00	8.76E-05	4.95E-10	1.76E-11	7.68E-04	8.40E-08	3.59E-04	3.64E-08	4.40E-06	4.07E-03	2.73E-02	0.00E+00	2.36E-11	3.89E-11	4.29E-06	8.45E-08	3.45E-03	0.00E+00	2.73E-02	1.02E-10	2.73E-02	3.07E-02	3.45E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
NKN404	1.21E-05	1.31E-02	1.51E-03	6.70E-03	0.00E+00	0.00E+00	1.02E-01	8.95E-08	9.42E-06	3.40E-05	0.00E+00	1.43E-04	7.35E-10	2.44E-11	1.08E-03	6.74E-06	5.39E-04	3.30E-08	8.48E-06	4.77E-03	4.92E-02	0.00E+00	5.44E-11	7.80E-11	8.86E-06	4.81E-08	6.40E-03	0.00E+00	4.92E-02	1.53E-10	4.92E-02	5.56E-02	6.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NKN406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NKN410	8.42E-05	3.82E-02	7.00E-03	3.02E-02	0.00E+00	0.00E+00	4.35E-01	4.13E-07	4.00E-05	2.50E-04	0.00E+00	7.37E-04	3.33E-09	9.71E-11	4.49E-03	8.10E-05	2.48E-03	5.99E-09	5.28E-05	1.23E-02	2.87E-01	0.00E+00	3.88E-10	5.02E-10	5.83E-05	1.50E-06	3.83E-02	0.00E+00	2.87E-01	7.02E-10	2.87E-01	3.25E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
NKN413	1.09E-04	5.46E-02	8.90E-03	3.83E-02	0.00E+00	0.00E+00	5.50E-01	5.25E-07	5.06E-05	3.23E-04	0.00E+00	9.41E-04	4.22E-09	1.22E-10	5.67E-03	1.06E-04	3.15E-03	1.73E-08	6.78E-05	1.50E-02	3.68E-01	0.00E+00	5.01E-10	6.47E-10	7.52E-05	1.98E-06	4.91E-02	0.00E+00	3.68E-01	8.92E-10	3.68E-01	4.17E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	2.93E-03
NKN416	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NKN420	1.04E-04	5.04E-02	8.53E-03	3.67E-02	0.00E+00	0.00E+00	5.28E-01	5.03E-07	4.86E-05	3.08E-04	0.00E+00	9.01E-04	4.05E-09	1.18E-10	5.44E-03	1.01E-04	3.02E-03	1.35E-08	6.48E-05	1.46E-02	3.52E-01	0.00E+00	4.78E-10	6.17E-10	7.17E-05	1.87E-06	4.69E-02	0.00E+00	3.52E-01	8.55E-10	3.52E-01	3.98E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03
NKN425	8.71E-05	3.91E-02	7.26E-03	3.13E-02	0.00E+00	0.00E+00	4.50E-01	4.28E-07	4.15E-05	2.58E-04	0.00E+00	7.63E-04	3.45E-09	1.01E-10	4.65E-03	8.36E-05	2.57E-03	5.39E-09	5.46E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.20E-10	6.04E-05	1.54E-06	3.96E-02	0.00E+00	2.97E-01	7.28E-10	2.97E-01	3.36E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
NKN432	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NKN440	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NKN450	3.73E-05	2.87E-03	3.48E-03	1.52E-02	0.00E+00	0.00E+00	2.22E-01	2.06E-07	2.05E-05	1.09E-04	0.00E+00	3.54E-04	1.67E-09	5.09E-11	2.32E-03	3.22E-05	1.24E-03	2.29E-08	2.41E-05	7.71E-03	1.33E-01	0.00E+00	1.71E-10	2.27E-10	2.62E-05	5.37E-07	1.76E-02	0.00E+00	1.33E-01	3.51E-10	1.33E-01	1.51E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	9.71E-04
NKN463	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NQN106	2.30E-05	1.06E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.83E-05	0.00E+00	2.01E-04	9.07E-10	2.65E-11	1.22E-03	2.22E-05	6.77E-04	1.92E-09	1.44E-05	3.33E-03	7.83E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.11E-07	1.05E-02	0.00E+00	7.83E-02	1.92E-10	7.83E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.18E-04
NQN110	5.29E-05	3.15E-02	4.20E-03	1.80E-02	0.00E+00	0.00E+00	2.58E-01	2.48E-07	2.37E-05	1.58E-04	0.00E+00	4.49E-04	1.99E-09	5.69E-11	2.65E-03	5.29E-05	1.49E-03	1.73E-08	3.28E-05	6.52E-03	1.77E-01	0.00E+00	2.45E-10	3.13E-10	3.65E-05	1.01E-06	2.37E-02	0.00E+00	1.77E-01	4.21E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
NQN113	1.42E-04	9.22E-02	1.11E-02	4.76E-02	0.00E+00	0.00E+00	6.78E-01	6.56E-07	6.23E-05	4.26E-04	0.00E+00	1.19E-03	5.25E-09	1.49E-10	6.95E-03	1.44E-04	3.93E-03	6.01E-08	8.80E-05	1.63E-02	4.74E-01	0.00E+00	6.59E-10	8.42E-10	9.81E-05	2.78E-06	6.35E-02	0.00E+00	4.74E-01	1.11E-09	4.74E-01	5.37E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03
NQN116	6.44E-05	3.92E-02	5.09E-03	2.18E-02	0.00E+00	0.00E+00	3.12E-01	3.00E-07	2.86E-05	1.92E-04	0.00E+00	5.44E-04	2.41E-09	6.87E-11	3.20E-03	6.46E-05	1.80E-03	2.27E-08	3.99E-05	7.78E-03	2.15E-01	0.00E+00	2.98E-10	3.81E-10	4.44E-05	1.23E-06	2.88E-02	0.00E+00	2.15E-01	5.10E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
NQN120	2.23E-04	1.47E-01	1.73E-02	7.42E-02	0.00E+00	0.00E+00	1.05E+00	1.02E-06	9.69E-05	6.66E-04	0.00E+00	1.86E-03	8.18E-09	2.32E-10	1.08E-02	2.26E-04	6.12E-03	9.89E-08	1.38E-04	2.51E-02	7.40E-01	0.00E+00	1.03E-09	1.32E-09	1.53E-04	4.37E-06	9.91E-02	0.00E+00	7.40E-01	1.73E-09	7.40E-01	8.39E-01	9.91E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-03
NQN125	2.95E-05	1.47E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.43E-07	1.37E-05	8.76E-05	0.00E+00	2.56E-04	1.15E-09	3.33E-11	1.54E-03	2.87E-05	8.56E-04	4.48E-09	1.84E-05	4.09E-03	9.99E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.36E-07	1.33E-02	0.00E+00	9.99E-02	2.42E-10	9.99E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.94E-04
NQN132	3.44E-05	1.79E-02	2.80E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.65E-07	1.59E-05	1.02E-04	0.00E+00	2.96E-04	1.33E-09	3.83E-11	1.78E-03	3.37E-05	9.90E-04	6.61E-09	2.14E-05	4.64E-03	1.16E-01	0.00E+00	1.59E-10	2.04E-10	2.38E-05	6.31E-07	1.55E-02	0.00E+00	1.16E-01	2.80E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04
NQN140	3.87E-05	2.09E-02	3.14E-03	1.35E-02	0.00E+00	0.00E+00	1.93E-01	1.85E-07	1.78E-05	1.15E-04	0.00E+00	3.33E-04	1.49E-09	4.28E-11	1.99E-03	3.81E-05	1.11E-03	8.76E-09	2.41E-05	5.12E-03	1.31E-01	0.00E+00	1.79E-10	2.30E-10	2.68E-05	7.19E-07	1.75E-02	0.00E+00	1.31E-01	3.14E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
NQN150	1.58E-05	5.12E-03	1.37E-03	5.93E-03	0.00E+00	0.00E+00	8.59E-02	8.09E-08	7.91E-06	4.67E-05	0.00E+00	1.42E-04	6.53E-10	1.94E-11	8.91E-04	1.47E-05	4.86E-04	2.61E-09	1.00E-05	2.64E-03	5.47E-02	0.00E+00	7.27E-11	9.50E-11	1.10E-05	2.63E-07	7.28E-03	0.00E+00	5.47E-02	1.38E-10	5.47E-02	6.20E-02	7.28E-03	0.00E+00	0.00E+00	0.00E+00	4.20E-04
NQN163	1.25E-05	2.81E-03	1.12E-03	4.84E-03	0.00E+00	0.00E+00	7.05E-02	6.59E-08	6.49E-06	3.67E-05	0.00E+00	1.15E-04	5.33E-10	1.60E-11	7.33E-04	1.13E-05	3.96E-04	4.32E-09	7.96E-06	2.28E-03	4.38E-02	0.00E+00	5.73E-11	7.54E-11	8.72E-06	1.96E-07	5.81E-03	0.00E+00	4.38E-02	1.12E-10	4.38E-02	4.96E-02	5.81E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
NQN206	3.38E-05	1.29E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.65E-05	1.00E-04	0.00E+00	3.01E-04	1.37E-09	4.03E-11	1.86E-03	3.19E-05	1.02E-03	1.97E-09	2.13E-05	5.31E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.79E-07	1.55E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.02E-04
NQN210	9.02E-05	5.20E-02	7.21E-03	3.10E-02	0.00E+00	0.00E+00	4.42E-01	4.25E-07	4.07E-05	2.69E-04	0.00E+00	7.68E-04	3.41E-09	9.78E-11	4.55E-03	8.97E-05	2.55E-03	2.66E-08	5.60E-05	1.14E-02	3.03E-01	0.00E+00	4.17E-10	5.35E-10	6.22E-05	1.70E-06	4.05E-02	0.00E+00	3.03E-01	7.22E-10	3.03E-01	3.43E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
NQN213	2.25E-04	1.43E-01	1.76E-02	7.55E-02	0.00E+00	0.00E+00	1.08E+00	1.04E-06	9.88E-05	6.72E-04	0.00E+00	1.89E-03	8.33E-09	2.37E-10	1.10E-02	2.27E-04	6.23E-03	9.08E-08	1.39E-04	2.62E-02	7.49E-01	0.00E+00	1.04E-09	1.33E-09	1.55E-04	4.37E-06	1.00E-01	0.00E+00	7.49E-01	1.76E-09	7.49E-01	8.49E-01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	6.13E-03
NQN216	3.04E-05	1.03E-02	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.98E-05	0.00E+00	2.73E-04	1.25E-09	3.70E-11	1.70E-03	2.83E-05	9.29E-04	4.14E-09	1.92E-05	4.99E-03	1.05E-01	0.00E+00	1.40E-10	1.82E-10	2.12E-05	5.09E-07	1.40E-02	0.00E+00	1.05E-01	2.63E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
NQN220	3.35E-05	1.20E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.92E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.86E-03	3.14E-05	1.02E-03	3.44E-09	2.12E-05	5.41E-03	1.16E-01	0.00E+00	1.54E-10	2.01E-10	2.33E-05	5.67E-07	1.54E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
NQN225	9.31E-06	4.54E-03	1.01E-03	4.44E-03	0.00E+00	0.00E+00	6.64E-02	5.98E-08	6.14E-06	2.67E-05	0.00E+00	9.86E-05	4.88E-10	1.56E-11	7.02E-04	6.63E-06	3.59E-04	1.53E-08	6.25E-06	2.77E-03	3.54E-02	0.00E+00	4.22E-11	5.82E-11	6.66E-06	8.67E-08	4.64E-03	0.00E+00	3.54E-02	1.02E-10	3.54E-02	4.01E-02	4.64E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NQN232	9.23E-06	4.83E-03	1.01E-03	4.44E-03	0.00E+00	0.00E+00	6.65E-02	5.98E-08	6.15E-06	2.64E-05	0.00E+00	9.84E-05	4.88E-10	1.57E-11	7.03E-04	6.49E-06	3.59E-04	1.57E-08	6.21E-06	2.80E-03	3.52E-02	0.00E+00	4.18E-11	5.78E-11	6.61E-06	8.30E-08	4.62E-03	0.00E+00	3.52E-02	1.02E-10	3.52E-02	3.98E-02	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NQN240	3.01E-05	9.47E-03	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.90E-05	0.00E+00	2.72E-04	1.25E-09	3.71E-11	1.71E-03	2.79E-05	9.29E-04	5.52E-09	1.91E-05	5.07E-03	1.04E-01	0.00E+00	1.39E-10	1.81E-10	2.10E-05	4.98E-07	1.39E-02	0.00E+00	1.04E-01	2.63E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.00E-04
NQN250	3.89E-05	1.53E-02	3.30E-03	1.43E-02	0.00E+00	0.00E+00	2.06E-01	1.95E-07	1.90E-05	1.15E-04	0.00E+00	3.45E-04	1.57E-09	4.62E-11	2.13E-03	3.68E-05	1.17E-03	1.58E-09	2.45E-05	6.06E-03	1.34E-01	0.00E+00	1.79E-10	2.33E-10	2.70E-05	6.70E-07	1.78E-02	0.00E+00	1.34E-01	3.31E-10	1.34E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NQN263	5.21E-05	2.43E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.55E-04	2.05E-09	5.98E-11	2.76E-03	5.03E-05	1.53E-03	4.78E-09	3.26E-05	7.50E-03	1.77E-01	0.00E+00	2.40E-10	3.11E-10	3.61E-05	9.32E-07	2.37E-02	0.00E+00	1.77E-01	4.33E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
NQN306	1.17E-04	6.58E-02	9.39E-03	4.03E-02	0.00E+00	0.00E+00	5.77E-01	5.54E-07	5.31E-05	3.48E-04	0.00E+00	1.00E-03	4.45E-09	1.28E-10	5.94E-03	1.16E-04	3.32E-03	3.14E-08	7.27E-05	1.50E-02	3.93E-01	0.00E+00	5.40E-10	6.94E-10	8.08E-05	2.19E-06	5.26E-02	0.00E+00	3.93E-01	9.41E-10	3.93E-01	4.46E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
NQN310	4.05E-05	1.22E-02	3.53E-03	1.53E-02	0.00E+00	0.00E+00	2.22E-01	2.09E-07	2.04E-05	1.19E-04	0.00E+00	3.66E-04	1.68E-09	5.01E-11	2.30E-03	3.73E-05	1.25E-03	8.29E-09	2.57E-05	6.89E-03	1.40E-01	0.00E+00	1.86E-10	2.43E-10	2.82E-05	6.64E-07	1.87E-02	0.00E+00	1.40E-01	3.55E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NQN313	7.70E-05	3.69E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.93E-01	3.75E-07	3.62E-05	2.29E-04	0.00E+00	6.71E-04	3.02E-09	8.77E-11	4.06E-03	7.46E-05	2.25E-03	9.04E-09	4.82E-05	1.09E-02	2.61E-01	0.00E+00	3.55E-10	4.59E-10	5.33E-05	1.39E-06	3.49E-02	0.00E+00	2.61E-01	6.37E-10	2.61E-01	2.96E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
NQN316	1.09E-05	8.27E-03	1.26E-03	5.56E-03	0.00E+00	0.00E+00	8.38E-02	7.47E-08	7.76E-06	3.09E-05	0.00E+00	1.21E-04	6.11E-10	1.99E-11	8.90E-04	6.98E-06	4.49E-04	2.32E-08	7.45E-06	3.72E-03	4.27E-02	0.00E+00	4.91E-11	6.89E-11	7.86E-06	7.49E-08	5.57E-03	0.00E+00	4.27E-02	1.28E-10	4.27E-02	4.82E-02	5.57E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NQN320	1.23E-04	6.93E-02	9.90E-03	4.25E-02	0.00E+00	0.00E+00	6.09E-01	5.84E-07	5.60E-05	3.67E-04	0.00E+00	1.05E-03	4.69E-09	1.35E-10	6.26E-03	1.22E-04	3.50E-03	3.30E-08	7.66E-05	1.58E-02	4.14E-01	0.00E+00	5.70E-10	7.32E-10	8.51E-05	2.31E-06	5.54E-02	0.00E+00	4.14E-01	9.92E-10	4.14E-01	4.70E-01	5.54E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
NQN325	1.06E-05	9.13E-03	1.26E-03	5.57E-03	0.00E+00	0.00E+00	8.41E-02	7.46E-08	7.79E-06	3.01E-05	0.00E+00	1.20E-04	6.12E-10	2.00E-11	8.94E-04	6.54E-06	4.49E-04	2.46E-08	7.32E-06	3.80E-03	4.21E-02	0.00E+00	4.79E-11	6.77E-11	7.71E-06	6.37E-08	5.50E-03	0.00E+00	4.21E-02	1.28E-10	4.21E-02	4.76E-02	5.50E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NQN340	4.36E-05	1.30E-02	3.81E-03	1.65E-02	0.00E+00	0.00E+00	2.39E-01	2.25E-07	2.20E-05	1.29E-04	0.00E+00	3.95E-04	1.81E-09	5.40E-11	2.48E-03	4.01E-05	1.35E-03	9.21E-09	2.76E-05	7.44E-03	1.51E-01	0.00E+00	2.00E-10	2.62E-10	3.04E-05	7.14E-07	2.01E-02	0.00E+00	1.51E-01	3.82E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NQN350	5.11E-07	1.67E-02	4.96E-04	2.30E-03	0.00E+00	0.00E+00	3.79E-02	2.96E-08	3.55E-06	3.05E-07	0.00E+00	3.74E-05	2.51E-10	9.99E-12	4.23E-04	3.98E-06	1.79E-04	3.06E-08	1.11E-06	2.79E-03	8.85E-03	0.00E+00	9.33E-13	8.12E-12	7.55E-07	1.43E-07	1.03E-03	0.00E+00	8.85E-03	5.11E-11	8.85E-03	9.88E-03	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-05
NQN363	1.04E-05	9.99E-03	1.26E-03	5.57E-03	0.00E+00	0.00E+00	8.44E-02	7.46E-08	7.82E-06	2.93E-05	0.00E+00	1.20E-04	6.12E-10	2.02E-11	8.99E-04	6.10E-06	4.49E-04	2.60E-08	7.20E-06	3.88E-03	4.16E-02	0.00E+00	4.67E-11	6.64E-11	7.55E-06	5.25E-08	5.42E-03	0.00E+00	4.16E-02	1.28E-10	4.16E-02	4.70E-02	5.42E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NQN406	7.29E-06	2.53E-02	1.58E-05	1.47E-04	0.00E+00	0.00E+00	8.32E-03	5.63E-10	8.38E-07	2.40E-05	0.00E+00	2.10E-05	1.31E-11	3.83E-12	1.27E-04	1.28E-05	1.35E-06	4.05E-08	3.54E-06	2.48E-03	1.56E-02	0.00E+00	3.55E-11	3.69E-11	4.53E-06	3.28E-07	2.28E-03	0.00E+00	1.56E-02	1.74E-13	1.56E-02	1.79E-02	2.28E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04

NQN410	9.69E-05	4.58E-02	8.02E-03	3.46E-02	0.00E+00	0.00E+00	4.97E-01	4.73E-07	4.57E-05	2.88E-04	0.00E+00	8.46E-04	3.81E-09	1.11E-10	5.13E-03	9.37E-05	2.84E-03	1.00E-08	6.07E-05	1.39E-02	3.30E-01	0.00E+00	4.47E-10	5.78E-10	6.72E-05	1.74E-06	4.40E-02	0.00E+00	3.30E-01	8.04E-10	3.30E-01	3.74E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
NQN413	1.21E-04	6.22E-02	9.92E-03	4.27E-02	0.00E+00	0.00E+00	6.12E-01	5.85E-07	5.63E-05	3.61E-04	0.00E+00	1.05E-03	4.70E-09	1.36E-10	6.31E-03	1.19E-04	3.51E-03	2.14E-08	7.58E-05	1.66E-02	4.11E-01	0.00E+00	5.61E-10	7.22E-10	8.40E-05	2.22E-06	5.49E-02	0.00E+00	4.11E-01	9.94E-10	4.11E-01	4.66E-01	5.49E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
NQN416	3.73E-05	4.63E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.18E-01	2.03E-07	2.01E-05	1.09E-04	0.00E+00	3.51E-04	1.64E-09	4.99E-11	2.28E-03	3.26E-05	1.22E-03	1.97E-08	2.40E-05	7.43E-03	1.32E-01	0.00E+00	1.71E-10	2.26E-10	2.62E-05	5.53E-07	1.75E-02	0.00E+00	1.32E-01	3.46E-10	1.32E-01	1.50E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	9.75E-04
NQN420	4.07E-05	6.04E-03	3.72E-03	1.61E-02	0.00E+00	0.00E+00	2.36E-01	2.20E-07	2.18E-05	1.19E-04	0.00E+00	3.80E-04	1.78E-09	5.38E-11	2.46E-03	3.58E-05	1.32E-03	1.97E-08	2.61E-05	7.93E-03	1.44E-01	0.00E+00	1.87E-10	2.46E-10	2.85E-05	6.12E-07	1.91E-02	0.00E+00	1.44E-01	3.74E-10	1.44E-01	1.63E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NQN425	4.40E-05	8.30E-03	3.97E-03	1.72E-02	0.00E+00	0.00E+00	2.51E-01	2.35E-07	2.32E-05	1.29E-04	0.00E+00	4.08E-04	1.90E-09	5.72E-11	2.62E-03	3.92E-05	1.41E-03	1.81E-08	2.81E-05	8.29E-03	1.55E-01	0.00E+00	2.02E-10	2.66E-10	3.08E-05	6.77E-07	2.05E-02	0.00E+00	1.55E-01	3.99E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NQN432	2.03E-05	8.39E-03	2.16E-03	9.49E-03	0.00E+00	0.00E+00	1.42E-01	1.28E-07	1.31E-05	5.84E-05	0.00E+00	2.12E-04	1.04E-09	3.32E-11	1.49E-03	1.49E-05	7.69E-04	3.06E-08	1.36E-05	5.80E-03	7.66E-02	0.00E+00	9.21E-11	1.26E-10	1.45E-05	2.03E-07	1.01E-02	0.00E+00	7.66E-02	2.18E-10	7.66E-02	8.66E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-04
NQN440	5.34E-05	1.42E-02	4.71E-03	2.04E-02	0.00E+00	0.00E+00	2.96E-01	2.78E-07	2.73E-05	1.57E-04	0.00E+00	4.87E-04	2.25E-09	6.71E-11	3.08E-03	4.87E-05	1.67E-03	1.44E-08	3.39E-05	9.39E-03	1.86E-01	0.00E+00	2.45E-10	3.21E-10	3.72E-05	8.59E-07	2.47E-02	0.00E+00	1.86E-01	4.73E-10	1.86E-01	2.11E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
NQN450	4.80E-06	2.59E-02	2.37E-04	1.25E-03	0.00E+00	0.00E+00	2.47E-02	1.44E-08	2.35E-06	1.68E-05	0.00E+00	4.09E-06	1.35E-10	7.65E-12	2.99E-04	1.09E-05	8.85E-05	4.34E-08	1.90E-06	3.12E-03	6.38E-03	0.00E+00	2.41E-11	2.15E-11	2.76E-06	2.98E-07	1.07E-03	0.00E+00	6.38E-03	2.57E-11	6.38E-03	7.44E-03	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-04
NQN463	3.34E-05	6.73E-05	3.18E-03	1.39E-02	0.00E+00	0.00E+00	2.04E-01	1.88E-07	1.88E-05	9.74E-05	0.00E+00	3.22E-04	1.52E-09	4.69E-11	2.13E-03	2.81E-05	1.13E-03	2.50E-08	2.16E-05	7.29E-03	1.20E-01	0.00E+00	1.53E-10	2.04E-10	2.35E-05	4.58E-07	1.59E-02	0.00E+00	1.20E-01	3.20E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	8.63E-04
NRN100	3.11E-05	1.58E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.44E-05	9.25E-05	0.00E+00	2.69E-04	1.21E-09	3.49E-11	1.62E-03	3.04E-05	9.00E-04	5.27E-09	1.94E-05	4.26E-03	1.05E-01	0.00E+00	1.44E-10	1.85E-10	2.15E-05	5.68E-07	1.41E-02	0.00E+00	1.05E-01	2.55E-10	1.05E-01	1.19E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.38E-04
NRN101	7.98E-06	4.58E-05	7.60E-04	3.31E-03	0.00E+00	0.00E+00	4.87E-02	4.49E-08	4.49E-06	2.33E-05	0.00E+00	7.68E-05	3.64E-10	1.12E-11	5.09E-04	6.73E-06	2.70E-04	5.93E-09	5.17E-06	1.74E-03	2.87E-02	0.00E+00	3.65E-11	4.87E-11	5.61E-06	1.10E-07	3.79E-03	0.00E+00	2.87E-02	7.65E-11	2.87E-02	3.25E-02	3.79E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
NRN102	1.46E-05	4.56E-03	1.27E-03	5.49E-03	0.00E+00	0.00E+00	7.96E-02	7.49E-08	7.33E-06	4.31E-05	0.00E+00	1.32E-04	6.05E-10	1.80E-11	8.26E-04	1.35E-05	4.50E-04	2.70E-09	9.24E-06	2.46E-03	5.06E-02	0.00E+00	6.71E-11	8.77E-11	1.02E-05	2.41E-07	6.73E-03	0.00E+00	5.06E-02	1.27E-10	5.06E-02	5.73E-02	6.73E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-04
NRN103	1.13E-05	2.36E-03	1.01E-03	4.40E-03	0.00E+00	0.00E+00	6.41E-02	5.99E-08	5.91E-06	3.32E-05	0.00E+00	1.04E-04	4.84E-10	1.46E-11	6.67E-04	1.01E-05	3.60E-04	4.22E-09	7.21E-06	2.09E-03	3.97E-02	0.00E+00	5.19E-11	6.82E-11	7.90E-06	1.76E-07	5.27E-03	0.00E+00	3.97E-02	1.02E-10	3.97E-02	4.49E-02	5.27E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NRN104	1.96E-05	8.00E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.50E-06	5.81E-05	0.00E+00	1.74E-04	7.87E-10	2.31E-11	1.07E-03	1.86E-05	5.87E-04	2.51E-10	1.23E-05	3.00E-03	6.72E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.41E-07	8.96E-03	0.00E+00	6.72E-02	1.66E-10	6.72E-02	7.62E-02	8.96E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
NRN106	2.63E-05	1.29E-02	2.17E-03	9.32E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.23E-05	7.82E-05	0.00E+00	2.29E-04	1.03E-09	2.98E-11	1.38E-03	2.56E-05	7.67E-04	3.53E-09	1.65E-05	3.69E-03	8.93E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.76E-07	1.19E-02	0.00E+00	8.93E-02	2.17E-10	8.93E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.08E-04
NRN110	1.97E-05	8.29E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.49E-06	5.84E-05	0.00E+00	1.74E-04	7.87E-10	2.31E-11	1.07E-03	1.88E-05	5.87E-04	2.10E-10	1.24E-05	2.98E-03	6.74E-02	0.00E+00	9.08E-11	1.18E-10	1.37E-05	3.44E-07	8.98E-03	0.00E+00	6.74E-02	1.66E-10	6.74E-02	7.64E-02	8.98E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04
NRN116	4.79E-05	2.79E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.34E-01	2.25E-07	2.15E-05	1.43E-04	0.00E+00	4.07E-04	1.81E-09	5.17E-11	2.41E-03	4.77E-05	1.35E-03	1.46E-08	2.97E-05	5.98E-03	1.60E-01	0.00E+00	2.21E-10	2.84E-10	3.30E-05	9.06E-07	2.15E-02	0.00E+00	1.60E-01	3.82E-10	1.60E-01	1.82E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
NRN120	2.65E-05	1.26E-02	2.19E-03	9.41E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.25E-05	7.86E-05	0.00E+00	2.31E-04	1.04E-09	3.02E-11	1.40E-03	2.56E-05	7.74E-04	3.01E-09	1.66E-05	3.76E-03	8.99E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.76E-07	1.20E-02	0.00E+00	8.99E-02	2.19E-10	8.99E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.12E-04
NRN125	2.95E-05	1.47E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.77E-05	0.00E+00	2.56E-04	1.15E-09	3.33E-11	1.54E-03	2.87E-05	8.57E-04	4.41E-09	1.84E-05	4.09E-03	9.99E-02	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.36E-07	1.33E-02	0.00E+00	9.99E-02	2.43E-10	9.99E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.94E-04
NRN132	2.74E-05	1.31E-02	2.26E-03	9.73E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.29E-05	8.13E-05	0.00E+00	2.38E-04	1.07E-09	3.12E-11	1.44E-03	2.65E-05	8.00E-04	3.20E-09	1.71E-05	3.88E-03	9.30E-02	0.00E+00	1.26E-10	1.63E-10	1.90E-05	4.93E-07	1.24E-02	0.00E+00	9.30E-02	2.27E-10	9.30E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
NRN140	1.95E-05	7.71E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.78E-08	9.50E-06	5.78E-05	0.00E+00	1.73E-04	7.87E-10	2.32E-11	1.07E-03	1.85E-05	5.87E-04	7.11E-10	1.23E-05	3.03E-03	6.70E-02	0.00E+00	9.00E-11	1.17E-10	1.36E-05	3.37E-07	8.93E-03	0.00E+00	6.70E-02	1.66E-10	6.70E-02	7.59E-02	8.93E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04
NRN150	3.27E-05	1.67E-02	2.67E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.58E-07	1.52E-05	9.73E-05	0.00E+00	2.83E-04	1.27E-09	3.67E-11	1.70E-03	3.20E-05	9.47E-04	5.65E-09	2.04E-05	4.48E-03	1.11E-01	0.00E+00	1.51E-10	1.95E-10	2.26E-05	5.98E-07	1.48E-02	0.00E+00	1.11E-01	2.68E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.82E-04
NRN163	2.94E-05	1.44E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.74E-05	0.00E+00	2.56E-04	1.15E-09	3.33E-11	1.54E-03	2.86E-05	8.57E-04	3.95E-09	1.84E-05	4.12E-03	9.98E-02	0.00E+00	1.36E-10	1.75E-10	2.04E-05	5.32E-07	1.33E-02	0.00E+00	9.98E-02	2.43E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.91E-04
NRN200	1.99E-04	1.25E-01	1.56E-02	6.70E-02	0.00E+00	0.00E+00	9.55E-01	9.22E-07	8.78E-05	5.94E-04	0.00E+00	1.68E-03	7.39E-09	2.10E-10	9.79E-03	2.01E-04	5.53E-03	7.74E-08	1.23E-04	2.34E-02	6.63E-01	0.00E+00	9.21E-10	1.18E-09	1.37E-04	3.85E-06	8.88E-02	0.00E+00	6.63E-01	1.56E-09	6.63E-01	7.52E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03
NRN201	2.75E-06	8.89E-03	5.01E-04	2.26E-03	0.00E+00	0.00E+00	3.54E-02	2.97E-08	3.29E-06	7.06E-06	0.00E+00	4.38E-05	2.47E-10	8.81E-12	3.84E-04	4.20E-08	1.79E-04	1.82E-08	2.20E-06	2.03E-03	1.36E-02	0.00E+00	1.18E-11	1.94E-11	2.15E-06	4.23E-08	1.73E-03	0.00E+00	1.36E-02	5.10E-11	1.36E-02	1.54E-02	1.73E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-05
NRN202	4.57E-05	2.05E-02	3.81E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.29E-11	2.44E-03	4.39E-05	1.35E-03	2.75E-09	2.87E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.10E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NRN203	2.12E-04	1.34E-01	1.66E-02	7.14E-02	0.00E+00	0.00E+00	1.02E+00	9.82E-07	9.34E-05	6.34E-04	0.00E+00	1.79E-03	7.87E-09	2.24E-10	1.04E-02	2.14E-04	5.89E-03	8.43E-08	1.31E-04	2.48E-02	7.07E-01	0.00E+00	9.82E-10	1.26E-09	1.46E-04	4.12E-06	9.47E-02	0.00E+00	7.07E-01	1.67E-09	7.07E-01	8.02E-01	9.47E-02	0.00E+00	0.00E+00	0.00E+00	5.78E-03
NRN204	1.27E-05	2.05E-03	1.27E-03	5.53E-03	0.00E+00	0.00E+00	8.18E-02	7.48E-08	7.55E-06	3.68E-05	0.00E+00	1.26E-04	6.08E-10	1.90E-11	8.59E-04	1.01E-05	4.49E-04	1.33E-08	8.31E-06	3.11E-03	4.65E-02	0.00E+00	5.78E-11	7.80E-11	8.97E-06	1.55E-07	6.13E-03	0.00E+00	4.65E-02	1.27E-10	4.65E-02	5.26E-02	6.13E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
NRN206	5.03E-05	2.42E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.57E-01	2.45E-07	2.36E-05	1.49E-04	0.00E+00	4.38E-04	1.97E-09	5.73E-11	2.65E-03	4.88E-05	1.47E-03	6.10E-09	3.15E-05	7.11E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	9.07E-07	2.28E-02	0.00E+00	1.71E-01	4.16E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
NRN210	4.37E-05	1.96E-02	3.64E-03	1.57E-02	0.00E+00	0.00E+00	2.26E-01	2.15E-07	2.08E-05	1.30E-04	0.00E+00	3.83E-04	1.73E-09	5.05E-11	2.33E-03	4.20E-05	1.29E-03	2.68E-09	2.74E-05	6.40E-03	1.49E-01	0.00E+00	2.01E-10	2.61E-10	3.03E-05	7.75E-07	1.99E-02	0.00E+00	1.49E-01	3.65E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NRN216	3.04E-05	1.03E-02	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.98E-05	0.00E+00	2.73E-04	1.25E-09	3.70E-11	1.70E-03	2.83E-05	9.29E-04	4.14E-09	1.92E-05	4.99E-03	1.05E-01	0.00E+00	1.40E-10	1.82E-10	2.12E-05	5.09E-07	1.40E-02	0.00E+00	1.05E-01	2.63E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
NRN220	3.35E-05	1.20E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.92E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.86E-03	3.14E-05	1.02E-03	3.44E-09	2.12E-05	5.41E-03	1.16E-01	0.00E+00	1.54E-10	2.01E-10	2.33E-05	5.67E-07	1.54E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
NRN225	3.02E-05	9.76E-03	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.93E-05	0.00E+00	2.72E-04	1.25E-09	3.71E-11	1.70E-03	2.80E-05	9.29E-04	5.06E-09	1.91E-05	5.05E-03	1.05E-01	0.00E+00	1.39E-10	1.82E-10	2.10E-05	5.02E-07	1.39E-02	0.00E+00	1.05E-01	2.63E-10	1.05E-01	1.19E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.03E-04
NRN232	3.01E-05	9.47E-03	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.90E-05	0.00E+00	2.72E-04	1.25E-09	3.71E-11	1.71E-03	2.79E-05	9.29E-04	5.52E-09	1.91E-05	5.07E-03	1.04E-01	0.00E+00	1.39E-10	1.81E-10	2.10E-05	4.98E-07	1.39E-02	0.00E+00	1.04E-01	2.63E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.00E-04
NRN240	4.00E-05	1.61E-02	3.39E-03	1.46E-02	0.00E+00	0.00E+00	2.11E-01	2.00E-07	1.94E-05	1.19E-04	0.00E+00	3.55E-04	1.61E-09	4.73E-11	2.18E-03	3.80E-05	1.20E-03	8.62E-10	2.52E-05	6.16E-03	1.37E-01	0.00E+00	1.84E-10	2.39E-10	2.78E-05	6.93E-07	1.83E-02	0.00E+00	1.37E-01	3.40E-10	1.37E-01	1.56E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NRN250	3.01E-05	9.24E-03	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.65E-01	1.55E-07	1.52E-05	8.88E-05	0.00E+00	2.72E-04	1.25E-09	3.71E-11	1.71E-03	2.78E-05	9.29E-04	5.89E-09	1.91E-05	5.10E-03	1.04E-01	0.00E+00	1.38E-10	1.81E-10	2.10E-05	4.95E-07	1.39E-02	0.00E+00	1.04E-01	2.63E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04
NRN263	3.40E-05	1.19E-02	2.93E-03	1.27E-02	0.00E+00	0.00E+00	1.83E-01	1.73E-07	1.69E-05	1.01E-04	0.00E+00	3.05E-04	1.39E-09	4.12E-11	1.90E-03	3.18E-05	1.04E-03	4.04E-09	2.15E-05	5.53E-03	1.17E-01	0.00E+00	1.57E-10	2.04E-10	2.37E-05	5.73E-07	1.56E-02	0.00E+00	1.17E-01	2.94E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.06E-04
NRN300	7.59E-07	1.58E-02	4.97E-04	2.30E-03	0.00E+00	0.00E+00	3.76E-02	2.96E-08	3.52E-06	5.14E-07	0.00E+00	3.81E-05	2.51E-10	9.86E-12	4.19E-04	3.55E-06	1.79E-04	2.93E-08	1.23E-06	2.71E-03	9.38E-03	0.00E+00	2.14E-12	9.37E-12	9.09E-07	1.32E-07	1.10E-03	0.00E+00	9.38E-03	5.11E-11	9.38E-03	1.05E-02	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-05
NRN301	5.37E-05	2.05E-02	4.57E-03	1.97E-02	0.00E+00	0.00E+00	2.85E-01	2.70E-07	2.63E-05	1.59E-04	0.00E+00	4.78E-04	2.17E-09	6.41E-11	2.95E-03	5.06E-05	1.62E-03	3.27E-09	3.38E-05	8.45E-03	1.85E-01	0.00E+00	2.47E-10	3.21E-10	3.73E-05	9.19E-07	2.46E-02	0.00E+00	1.85E-01	4.59E-10	1.85E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NRN302	7.40E-06	1.12E-02	1.01E-03	4.48E-03	0.00E+00	0.00E+00	6.86E-02	5.96E-08	6.36E-06	2.04E-05	0.00E+00	9.31E-05	4.91E-10	1.66E-11	7.35E-04	3.27E-06	3.59E-04	2.59E-08	5.32E-06	3.42E-03	3.13E-02	0.00E+00	3.29E-11	4.85E-11	5.48E-06	1.08E-09	4.05E-03	0.00E+00	3.13E-02	1.02E-10	3.13E-02	3.54E-02	4.05E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NRN303	5.04E-05	1.84E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.48E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.06E-11	2.79E-03	4.73E-05	1.53E-03	4.51E-09	3.18E-05	8.07E-03	1.74E-01	0.00E+00	2.32E-10	3.02E-10	3.51E-05	8.57E-07	2.31E-02	0.00E+00	1.74E-01	4.33E-10	1.74E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NRN304	2.48E-06	1.78E-02	2.42E-04	1.21E-03	0.00E+00	0.00E+00	2.21E-02	1.46E-08	2.09E-06	9.16E-06	0.00E+00	1.08E-05	1.31E-10	6.43E-12	2.59E-04	6.81E-06	8.89E-05	3.05E-08	7.72E-07	2.33E-03	1.42E-03	0.00E+00	1.28E-11	9.79E-12	1.32E-06	1.94E-07	3.41E-04	0.00E+00	1.42E-03	2.56E-11	1.42E-03	1.76E-03	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
NRN306	3.42E-05	8.11E-03	3.05E-03	1.32E-02	0.00E+00	0.00E+00	1.92E-01	1.80E-07	1.77E-05	1.01E-04	0.00E+00	3.14E-04	1.45E-09	4.36E-11	2.00E-03	3.10E-05	1.08E-03	1.11E-08	2.18E-05	6.19E-03	1.20E-01	0.00E+00	1.57E-10	2.07E-10	2.39E-05	5.42E-07	1.59E-02	0.00E+00	1.20E-01	3.06E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04
NRN310	2.06E-05	1.38E-03	2.01E-03	8.75E-03	0.00E+00	0.00E+00	1.29E-01	1.19E-07	1.19E-05	6.00E-05	0.00E+00	2.02E-04	9.62E-10	2.98E-11	1.35E-03	1.70E-05	7.12E-04	1.81E-08	1.34E-05	4.74E-03	7.48E-02	0.00E+00	9.42E-11	1.26E-10	1.45E-05	2.70E-07	9.88E-03	0.00E+00	7.48E-02	2.02E-10	7.48E-02	8.47E-02	9.88E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
NRN316	1.72E-05	3.99E-03	1.75E-03	7.66E-03	0.00E+00	0.00E+00	1.14E-01	1.03E-07	1.05E-05	4.98E-05	0.00E+00	1.74E-04	8.42E-10	2.64E-11	1.19E-03	1.34E-05	6.22E-04	2.02E-08	1.13E-05	4.41E-03	6.36E-02	0.00E+00	7.84E-11	1.06E-10	1.22E-05	2.00E-07	8.38E-03	0.00E+00	6.36E-02	1.76E-10	6.36E-02	7.20E-02	8.38E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-04
NRN320	3.68E-05	8.76E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.90E-05	1.08E-04	0.00E+00	3.38E-04	1.56E-09	4.69E-11	2.15E-03	3.33E-05	1.16E-03	1.18E-08	2.35E-05	6.65E-03	1.29E-01	0.00E+00	1.69E-10	2.22E-10	2.57E-05	5.83E-07	1.71E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.71E-04
NRN325	1.41E-04	8.11E-02	1.12E-02	4.83E-02	0.00E+00	0.00E+00	6.90E-01	6.63E-07	6.34E-05	4.19E-04	0.00E+00	1.20E-03	5.32E-09	1.53E-10	7.09E-03	1.40E-04	3.97E-03	4.14E-08	8.73E-05	1.77E-02	4.72E-01	0.00E+00	6.50E-10	8.34E-10	9.71E-05	2.66E-06	6.31E-02	0.00E+00	4.72E-01	1.13E-09	4.72E-01	5.35E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	3.81E-03
NRN332	9.55E-06	1.02E-02	1.19E-03	5.26E-03	0.00E+00	0.00E+00	7.98E-02	7.03E-08	7.39E-06	2.68E-05	0.00E+00	1.12E-04	5.77E-10	1.91E-11	8.51E-04	5.32E-06	4.23E-04	2.58E-08	6.67E-06	3.74E-03	3.87E-02	0.00E+00	4.28E-11	6.14E-11	6.97E-06	3.87E-08	5.03E-03	0.00E+00	3.87E-02	1.20E-10	3.87E-02	4.37E-02	5.03E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NRN340	3.67E-05	8.19E-03	3.28E-03	1.42E-02	0.00E+00	0.00E+00	2.07E-01	1.94E-07	1.91E-05	1.08E-04	0.00E+00	3.37E-04	1.56E-09	4.70E-11	2.15E-03	3.30E-05	1.16E-03	1.28E-08	2.34E-05	6.70E-03	1.28E-01	0.00E+00	1.68E-10	2.21E-10	2.56E-05	5.76E-07	1.71E-02	0.00E+00	1.28E-01	3.29E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	9.65E-04
NRN350	2.97E-05	3.26E-03	2.75E-03	1.19E-02	0.00E+00	0.00E+00	1.75E-01	1.62E-07	1.61E-05	8.71E-05	0.00E+00	2.80E-04	1.31E-09	4.00E-11	1.82E-03	2.59E-05	9.75E-04	1.65E-08	1.91E-05	5.98E-03	1.06E-01	0.00E+00	1.36E-10	1.80E-10	2.08E-05	4.36E-07	1.40E-02	0.00E+00	1.06E-01	2.76E-10	1.06E-01	1.20E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	7.75E-04
NRN363	1.15E-04	6.30E-02	9.32E-03	4.01E-02	0.00E+00	0.00E+00	5.74E-01	5.50E-07	5.28E-05	3.44E-04	0.00E+00	9.90E-04	4.42E-09	1.27E-10	5.90E-03	1.14E-04	3.30E-03	2.75E-08	7.19E-05	1.51E-02	3.89E-01	0.00E+00	5.33E-10	6.86E-10	7.98E-05	2.15E-06	5.20E-02	0.00E+00	3.89E-01	9.34E-10	3.89E-01	4.41E-01	5.20E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
NRN400	4.47E-06	2.47E-02	2.38E-04	1.25E-03	0.00E+00	0.00E+00	2.44E-02	1.44E-08	2.32E-06	1.57E-05	0.00E+00	5.05E-06	1.34E-10	7.48E-12	2.94E-04	1.03E-05	8.86E-05	4.16E-08	1.74E-06	3.00E-03	5.67E-03	0.00E+00	2.25E-11	1.99E-11	2.56E-06	2.84E-07	9.63E-04	0.00E+00	5.67E-03	2.57E-11	5.67E-03	6.63E-03	9.63E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
NRN401	5.50E-06	1.78E-02	1.00E-03	4.52E-03	0.00E+00	0.00E+00	7.07E-02	5.95E-08	6.58E-06	1.41E-05	0.00E+00	8.76E-05	4.95E-10	1.76E-11	7.68E-04	8.40E-08	3.59E-04	3.64E-08	4.40E-06	4.07E-03	2.73E-02	0.00E+00	2.36E-11	3.89E-11	4.29E-06	8.45E-08	3.45E-03	0.00E+00	2.73E-02	1.02E-10	2.73E-02	3.07E-02	3.45E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
NRN402	4.04E-05	6.08E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.19E-04	0.00E+00	3.78E-04	1.76E-09	5.34E-11	2.44E-03	3.56E-05	1.31E-03	1.94E-08	2.59E-05	7.86E-03	1.43E-01	0.00E+00	1.85E-10	2.45E-10	2.83E-05	6.08E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NRN403	5.52E-05	1.64E-02	4.82E-03	2.09E-02	0.00E+00	0.00E+00	3.03E-01	2.85E-07	2.79E-05	1.63E-04	0.00E+00	5.00E-04	2.30E-09	6.84E-11	3.14E-03	5.08E-05	1.71E-03	1.18E-08	3.50E-05	9.43E-03	1.92E-01	0.00E+00	2.54E-10	3.32E-10	3.84E-05	9.03E-07	2.55E-02	0.00E+00	1.92E-01	4.84E-10	1.92E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NRN404	1.21E-05	1.31E-02	1.51E-03	6.70E-03	0.00E+00	0.00E+00	1.02E-01	8.95E-08	9.42E-06	3.40E-05	0.00E+00	1.43E-04	7.35E-10	2.44E-11	1.08E-03	6.74E-06	5.39E-04	3.30E-08	8.48E-06	4.77E-03	4.92E-02	0.00E+00	5.44E-11	7.80E-11	8.86E-06	4.81E-08	6.40E-03	0.00E+00	4.92E-02	1.53E-10	4.92E-02	5.56E-02	6.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
NRN406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NRN410	1.69E-04	9.67E-02	1.35E-02	5.81E-02	0.00E+00	0.00E+00	8.30E-01	7.98E-07	7.63E-05	5.03E-04	0.00E+00	1.44E-03	6.40E-09	1.84E-10	8.53E-03	1.68E-04	4.78E-03	4.84E-08	1.05E-04	2.14E-02	5.67E-01	0.00E+00	7.81E-10	1.00E-09	1.17E-04	3.18E-06	7.58E-02	0.00E+00	5.67E-01	1.35E-09	5.67E-01	6.43E-01	7.58E-02	0.00E+00	0.00E+00	0.00E+00	4.58E-03
NRN416	5.39E-05	1.59E-02	4.71E-03	2.04E-02	0.00E+00	0.00E+00	2.96E-01	2.78E-07	2.73E-05	1.59E-04	0.00E+00	4.88E-04	2.24E-09	6.68E-11	3.07E-03	4.95E-05	1.67E-03	1.17E-08	3.42E-05	9.22E-03	1.87E-01	0.00E+00	2.48E-10	3.24E-10	3.75E-05	8.81E-07	2.49E-02	0.00E+00	1.87E-01	4.73E-10	1.87E-01	2.12E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NRN420	4.36E-05	8.05E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.50E-01	2.33E-07	2.30E-05	1.28E-04	0.00E+00	4.05E-04	1.88E-09	5.68E-11	2.60E-03	3.88E-05	1.40E-03	1.83E-08	2.79E-05	8.25E-03	1.54E-01	0.00E+00	2.00E-10	2.64E-10	3.05E-05	6.70E-07	2.04E-02	0.00E+00	1.54E-01	3.97E-10	1.54E-01	1.74E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NRN425	3.70E-05	3.48E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.19E-01	2.03E-07	2.02E-05	1.08E-04	0.00E+00	3.50E-04	1.64E-09	5.01E-11	2.28E-03	3.21E-05	1.22E-03	2.16E-08	2.38E-05	7.54E-03	1.32E-01	0.00E+00	1.69E-10	2.25E-10	2.60E-05	5.38E-07	1.74E-02	0.00E+00	1.32E-01	3.46E-10	1.32E-01	1.49E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	9.64E-04
NRN432	3.96E-05	4.78E-03	3.65E-03	1.58E-02	0.00E+00	0.00E+00	2.32E-01	2.16E-07	2.14E-05	1.16E-04	0.00E+00	3.72E-04	1.74E-09	5.30E-11	2.42E-03	3.46E-05	1.29E-03	2.12E-08	2.54E-05	7.89E-03	1.40E-01	0.00E+00	1.81E-10	2.40E-10	2.77E-05	5.85E-07	1.86E-02	0.00E+00	1.40E-01	3.67E-10	1.40E-01	1.59E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NRN440	4.34E-05	7.25E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.50E-01	2.33E-07	2.31E-05	1.27E-04	0.00E+00	4.04E-04	1.89E-09	5.70E-11	2.60E-03	3.84E-05	1.40E-03	1.95E-08	2.78E-05	8.33E-03	1.53E-01	0.00E+00	1.99E-10	2.63E-10	3.04E-05	6.60E-07	2.03E-02	0.00E+00	1.53E-01	3.97E-10	1.53E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
NRN450	2.68E-05	4.34E-03	2.67E-03	1.17E-02	0.00E+00	0.00E+00	1.73E-01	1.58E-07	1.60E-05	7.77E-05	0.00E+00	2.67E-04	1.28E-09	4.01E-11	1.81E-03	2.14E-05	9.49E-04	2.81E-08	1.76E-05	6.56E-03	9.82E-02	0.00E+00	1.22E-10	1.65E-10	1.90E-05	3.28E-07	1.30E-02	0.00E+00	9.82E-02	2.69E-10	9.82E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
NRN463	1.92E-05	9.60E-03	2.09E-03	9.19E-03	0.00E+00	0.00E+00	1.37E-01	1.24E-07	1.27E-05	5.50E-05	0.00E+00	2.04E-04	1.01E-09	3.24E-11	1.45E-03	1.36E-05	7.44E-04	3.19E-08	1.29E-05	5.75E-03	7.32E-02	0.00E+00	8.71E-11	1.20E-10	1.38E-05	1.77E-07	9.60E-03	0.00E+00	7.32E-02	2.11E-10	7.32E-02	8.28E-02	9.60E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
NSN100	4.43E-05	2.48E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.19E-01	2.10E-07	2.01E-05	1.32E-04	0.00E+00	3.79E-04	1.69E-09	4.85E-11	2.25E-03	4.39E-05	1.26E-03	1.17E-08	2.76E-05	5.70E-03	1.49E-01	0.00E+00	2.05E-10	2.63E-10	3.06E-05	8.30E-07	1.99E-02	0.00E+00	1.49E-01	3.57E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NSN101	1.82E-04	1.19E-01	1.42E-02	6.08E-02	0.00E+00	0.00E+00	8.66E-01	8.38E-07	7.95E-05	5.45E-04	0.00E+00	1.53E-03	6.71E-09	1.90E-10	8.87E-03	1.85E-04	5.02E-03	7.92E-08	1.13E-04	2.07E-02	6.06E-01	0.00E+00	8.44E-10	1.08E-09	1.26E-04	3.57E-06	8.12E-02	0.00E+00	6.06E-01	1.42E-09	6.06E-01	6.87E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.97E-03
NSN102	7.98E-06	4.58E-05	7.60E-04	3.31E-03	0.00E+00	0.00E+00	4.87E-02	4.49E-08	4.49E-06	2.33E-05	0.00E+00	7.68E-05	3.64E-10	1.12E-11	5.09E-04	6.73E-06	2.70E-04	5.93E-09	5.17E-06	1.74E-03	2.87E-02	0.00E+00	3.65E-11	4.87E-11	5.61E-06	1.10E-07	3.79E-03	0.00E+00	2.87E-02	7.65E-11	2.87E-02	3.25E-02	3.79E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
NSN104	7.98E-06	4.58E-05	7.60E-04	3.31E-03	0.00E+00	0.00E+00	4.87E-02	4.49E-08	4.49E-06	2.33E-05	0.00E+00	7.68E-05	3.64E-10	1.12E-11	5.09E-04	6.73E-06	2.70E-04	5.93E-09	5.17E-06	1.74E-03	2.87E-02	0.00E+00	3.65E-11	4.87E-11	5.61E-06	1.10E-07	3.79E-03	0.00E+00	2.87E-02	7.65E-11	2.87E-02	3.25E-02	3.79E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
NSN106	1.14E-05	2.65E-03	1.01E-03	4.40E-03	0.00E+00	0.00E+00	6.40E-02	5.99E-08	5.90E-06	3.35E-05	0.00E+00	1.05E-04	4.84E-10	1.45E-11	6.66E-04	1.03E-05	3.60E-04	3.76E-09	7.25E-06	2.06E-03	3.98E-02	0.00E+00	5.23E-11	6.87E-11	7.95E-06	1.80E-07	5.29E-03	0.00E+00	3.98E-02	1.02E-10	3.98E-02	4.51E-02	5.29E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
NSN110	2.37E-05	1.10E-02	1.96E-03	8.46E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	7.03E-05	0.00E+00	2.07E-04	9.33E-10	2.72E-11	1.26E-03	2.29E-05	6.95E-04	2.16E-09	1.48E-05	3.41E-03	8.06E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.24E-07	1.08E-02	0.00E+00	8.06E-02	1.97E-10	8.06E-02	9.14E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
NSN113	5.00E-05	2.90E-02	3.99E-03	1.72E-02	0.00E+00	0.00E+00	2.45E-01	2.36E-07	2.25E-05	1.49E-04	0.00E+00	4.26E-04	1.89E-09	5.42E-11	2.52E-03	4.98E-05	1.41E-03	1.49E-08	3.11E-05	6.28E-03	1.68E-01	0.00E+00	2.31E-10	2.97E-10	3.45E-05	9.46E-07	2.24E-02	0.00E+00	1.68E-01	4.00E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
NSN116	2.96E-05	1.49E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.79E-05	0.00E+00	2.56E-04	1.15E-09	3.33E-11	1.54E-03	2.89E-05	8.57E-04	4.87E-09	1.85E-05	4.07E-03	1.00E-01	0.00E+00	1.37E-10	1.76E-10	2.05E-05	5.40E-07	1.34E-02	0.00E+00	1.00E-01	2.43E-10	1.00E-01	1.13E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.97E-04
NSN120	1.63E-05	5.68E-03	1.40E-03	6.06E-03	0.00E+00	0.00E+00	8.77E-02	8.28E-08	8.07E-06	4.82E-05	0.00E+00	1.46E-04	6.67E-10	1.97E-11	9.08E-04	1.52E-05	4.97E-04	1.96E-09	1.03E-05	2.65E-03	5.62E-02	0.00E+00	7.50E-11	9.77E-11	1.13E-05	2.74E-07	7.49E-03	0.00E+00	5.62E-02	1.41E-10	5.62E-02	6.37E-02	7.49E-03	0.00E+00	0.00E+00	0.00E+00	4.33E-04
NSN125	2.12E-05	8.97E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.27E-05	0.00E+00	1.87E-04	8.45E-10	2.48E-11	1.14E-03	2.02E-05	6.30E-04	3.40E-10	1.33E-05	3.19E-03	7.24E-02	0.00E+00	9.75E-11	1.26E-10	1.47E-05	3.71E-07	9.65E-03	0.00E+00	7.24E-02	1.78E-10	7.24E-02	8.20E-02	9.65E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04
NSN132	2.28E-05	1.00E-02	1.91E-03	8.24E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.01E-04	9.08E-10	2.65E-11	1.23E-03	2.19E-05	6.77E-04	9.95E-10	1.43E-05	3.39E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.03E-07	1.04E-02	0.00E+00	7.80E-02	1.92E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.12E-04
NSN140	2.54E-05	1.17E-02	2.11E-03	9.08E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.53E-05	0.00E+00	2.22E-04	1.00E-09	2.92E-11	1.35E-03	2.45E-05	7.46E-04	2.14E-09	1.59E-05	3.67E-03	8.64E-02	0.00E+00	1.17E-10	1.51E-10	1.76E-05	4.53E-07	1.15E-02	0.00E+00	8.64E-02	2.11E-10	8.64E-02	9.79E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.81E-04
NSN150	2.11E-05	8.74E-03	1.78E-03	7.67E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.25E-05	0.00E+00	1.86E-04	8.45E-10	2.48E-11	1.14E-03	2.01E-05	6.30E-04	2.86E-11	1.33E-05	3.21E-03	7.22E-02	0.00E+00	9.72E-11	1.26E-10	1.46E-05	3.68E-07	9.63E-03	0.00E+00	7.22E-02	1.78E-10	7.22E-02	8.19E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.64E-04
NSN163	3.43E-05	1.77E-02	2.80E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.65E-07	1.59E-05	1.02E-04	0.00E+00	2.96E-04	1.33E-09	3.84E-11	1.78E-03	3.36E-05	9.90E-04	6.33E-09	2.14E-05	4.65E-03	1.16E-01	0.00E+00	1.58E-10	2.04E-10	2.37E-05	6.29E-07	1.55E-02	0.00E+00	1.16E-01	2.80E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-04
NSN200	4.57E-05	2.04E-02	3.81E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.29E-11	2.44E-03	4.38E-05	1.35E-03	2.57E-09	2.87E-05	6.72E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.09E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
NSN201	5.23E-05	2.51E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.46E-05	1.55E-04	0.00E+00	4.56E-04	2.05E-09	5.96E-11	2.76E-03	5.07E-05	1.53E-03	6.07E-09	3.27E-05	7.42E-03	1.78E-01	0.00E+00	2.42E-10	3.12E-10	3.62E-05	9.42E-07	2.37E-02	0.00E+00	1.78E-01	4.33E-10	1.78E-01	2.02E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
NSN202	1.93E-05	2.41E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.65E-05	0.00E+00	1.81E-04	8.49E-10	2.58E-11	1.18E-03	1.69E-05	6.29E-04	1.02E-08	1.24E-05	3.83E-03	6.83E-02	0.00E+00	8.84E-11	1.17E-10	1.35E-05	2.86E-07	9.06E-03	0.00E+00	6.83E-02	1.78E-10	6.83E-02	7.74E-02	9.06E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
NSN203	6.07E-06	6.57E-03	7.56E-04	3.35E-03	0.00E+00	0.00E+00	5.08E-02	4.48E-08	4.71E-06	1.70E-05	0.00E+00	7.13E-05	3.68E-10	1.22E-11	5.42E-04	3.37E-06	2.69E-04	1.65E-08	4.24E-06	2.39E-03	2.46E-02	0.00E+00	2.72E-11	3.90E-11	4.43E-06	2.41E-08	3.20E-03	0.00E+00	2.46E-02	7.65E-11	2.46E-02	2.78E-02	3.20E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04
NSN204	2.37E-04	1.52E-01	1.86E-02	7.97E-02	0.00E+00	0.00E+00	1.13E+00	1.10E-06	1.04E-04	7.09E-04	0.00E+00	1.99E-03	8.78E-09	2.49E-10	1.16E-02	2.40E-04	6.57E-03	9.64E-08	1.47E-04	2.76E-02	7.90E-01	0.00E+00	1.10E-09	1.40E-09	1.64E-04	4.62E-06	1.06E-01	0.00E+00	7.90E-01	1.86E-09	7.90E-01	8.96E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	6.47E-03
NSN206	3.99E-05	1.71E-02	3.35E-03	1.44E-02	0.00E+00	0.00E+00	2.08E-01	1.98E-07	1.92E-05	1.18E-04	0.00E+00	3.52E-04	1.59E-09	4.66E-11	2.15E-03	3.81E-05	1.19E-03	1.01E-09	2.51E-05	5.98E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.01E-07	1.82E-02	0.00E+00	1.36E-01	3.36E-10	1.36E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03

NSN210	3.60E-05	1.43E-02	3.05E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.75E-05	1.07E-04	0.00E+00	3.19E-04	1.45E-09	4.26E-11	1.96E-03	3.41E-05	1.08E-03	1.07E-09	2.26E-05	5.57E-03	1.23E-01	0.00E+00	1.66E-10	2.15E-10	2.50E-05	6.22E-07	1.65E-02	0.00E+00	1.23E-01	3.06E-10	1.23E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.61E-04
NSN213	1.94E-05	2.81E-03	1.77E-03	7.71E-03	0.00E+00	0.00E+00	1.13E-01	1.05E-07	1.04E-05	5.69E-05	0.00E+00	1.81E-04	8.48E-10	2.57E-11	1.17E-03	1.71E-05	6.29E-04	9.51E-09	1.24E-05	3.79E-03	6.86E-02	0.00E+00	8.89E-11	1.17E-10	1.36E-05	2.91E-07	9.10E-03	0.00E+00	6.86E-02	1.78E-10	6.86E-02	7.77E-02	9.10E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04
NSN216	3.04E-05	1.03E-02	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.64E-01	1.55E-07	1.51E-05	8.98E-05	0.00E+00	2.73E-04	1.25E-09	3.70E-11	1.70E-03	2.83E-05	9.29E-04	4.14E-09	1.92E-05	4.99E-03	1.05E-01	0.00E+00	1.40E-10	1.82E-10	2.12E-05	5.09E-07	1.40E-02	0.00E+00	1.05E-01	2.63E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
NSN220	3.49E-05	1.30E-02	2.98E-03	1.29E-02	0.00E+00	0.00E+00	1.86E-01	1.76E-07	1.72E-05	1.03E-04	0.00E+00	3.12E-04	1.42E-09	4.19E-11	1.93E-03	3.28E-05	1.06E-03	2.77E-09	2.20E-05	5.56E-03	1.20E-01	0.00E+00	1.61E-10	2.09E-10	2.43E-05	5.95E-07	1.60E-02	0.00E+00	1.20E-01	2.99E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.31E-04
NSN225	3.35E-05	1.20E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.92E-05	0.00E+00	3.00E-04	1.37E-09	4.05E-11	1.86E-03	3.14E-05	1.02E-03	3.44E-09	2.12E-05	5.41E-03	1.16E-01	0.00E+00	1.54E-10	2.01E-10	2.33E-05	5.67E-07	1.54E-02	0.00E+00	1.16E-01	2.89E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
NSN232	3.57E-05	1.32E-02	3.05E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.75E-05	1.06E-04	0.00E+00	3.18E-04	1.45E-09	4.28E-11	1.97E-03	3.35E-05	1.08E-03	2.82E-09	2.25E-05	5.67E-03	1.23E-01	0.00E+00	1.64E-10	2.14E-10	2.48E-05	6.08E-07	1.64E-02	0.00E+00	1.23E-01	3.06E-10	1.23E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.51E-04
NSN240	3.33E-05	1.15E-02	2.87E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.69E-07	1.65E-05	9.85E-05	0.00E+00	2.99E-04	1.37E-09	4.04E-11	1.86E-03	3.11E-05	1.02E-03	4.14E-09	2.11E-05	5.43E-03	1.15E-01	0.00E+00	1.53E-10	2.00E-10	2.32E-05	5.60E-07	1.53E-02	0.00E+00	1.15E-01	2.88E-10	1.15E-01	1.30E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.86E-04
NSN250	3.23E-05	1.08E-02	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.75E-01	1.65E-07	1.61E-05	9.54E-05	0.00E+00	2.90E-04	1.33E-09	3.94E-11	1.81E-03	3.00E-05	9.89E-04	4.81E-09	2.04E-05	5.34E-03	1.12E-01	0.00E+00	1.49E-10	1.94E-10	2.25E-05	5.39E-07	1.49E-02	0.00E+00	1.12E-01	2.80E-10	1.12E-01	1.27E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.58E-04
NSN263	3.34E-05	1.14E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.80E-01	1.70E-07	1.66E-05	9.86E-05	0.00E+00	2.99E-04	1.37E-09	4.06E-11	1.87E-03	3.11E-05	1.02E-03	4.46E-09	2.11E-05	5.47E-03	1.15E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	5.59E-07	1.53E-02	0.00E+00	1.15E-01	2.89E-10	1.15E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.87E-04
NSN300	5.03E-05	1.80E-02	4.32E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.49E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.07E-11	2.79E-03	4.71E-05	1.53E-03	5.16E-09	3.18E-05	8.11E-03	1.73E-01	0.00E+00	2.32E-10	3.02E-10	3.50E-05	8.52E-07	2.31E-02	0.00E+00	1.73E-01	4.33E-10	1.73E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NSN301	5.37E-05	2.06E-02	4.57E-03	1.97E-02	0.00E+00	0.00E+00	2.85E-01	2.70E-07	2.63E-05	1.59E-04	0.00E+00	4.78E-04	2.17E-09	6.41E-11	2.95E-03	5.07E-05	1.62E-03	3.08E-09	3.38E-05	8.44E-03	1.85E-01	0.00E+00	2.47E-10	3.22E-10	3.73E-05	9.21E-07	2.46E-02	0.00E+00	1.85E-01	4.59E-10	1.85E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NSN302	7.40E-06	1.12E-02	1.01E-03	4.48E-03	0.00E+00	0.00E+00	6.86E-02	5.96E-08	6.36E-06	2.04E-05	0.00E+00	9.31E-05	4.91E-10	1.66E-11	7.35E-04	3.27E-06	3.59E-04	2.59E-08	5.32E-06	3.42E-03	3.13E-02	0.00E+00	3.29E-11	4.85E-11	5.48E-06	1.08E-09	4.05E-03	0.00E+00	3.13E-02	1.02E-10	3.13E-02	3.54E-02	4.05E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NSN303	5.04E-05	1.83E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.70E-01	2.55E-07	2.48E-05	1.49E-04	0.00E+00	4.50E-04	2.05E-09	6.07E-11	2.79E-03	4.73E-05	1.53E-03	4.70E-09	3.18E-05	8.08E-03	1.74E-01	0.00E+00	2.32E-10	3.02E-10	3.50E-05	8.55E-07	2.31E-02	0.00E+00	1.74E-01	4.33E-10	1.74E-01	1.97E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NSN304	2.07E-05	2.01E-03	2.02E-03	8.84E-03	0.00E+00	0.00E+00	1.30E-01	1.20E-07	1.20E-05	6.01E-05	0.00E+00	2.03E-04	9.72E-10	3.02E-11	1.37E-03	1.69E-05	7.19E-04	1.92E-08	1.35E-05	4.85E-03	7.52E-02	0.00E+00	9.43E-11	1.27E-10	1.46E-05	2.65E-07	9.93E-03	0.00E+00	7.52E-02	2.04E-10	7.52E-02	8.51E-02	9.93E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
NSN306	4.41E-05	1.48E-02	3.81E-03	1.65E-02	0.00E+00	0.00E+00	2.38E-01	2.25E-07	2.20E-05	1.30E-04	0.00E+00	3.96E-04	1.81E-09	5.37E-11	2.47E-03	4.10E-05	1.35E-03	6.27E-09	2.79E-05	7.26E-03	1.52E-01	0.00E+00	2.03E-10	2.65E-10	3.07E-05	7.37E-07	2.03E-02	0.00E+00	1.52E-01	3.82E-10	1.52E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NSN310	3.33E-05	7.27E-03	2.98E-03	1.29E-02	0.00E+00	0.00E+00	1.88E-01	1.76E-07	1.73E-05	9.79E-05	0.00E+00	3.07E-04	1.42E-09	4.27E-11	1.96E-03	2.99E-05	1.06E-03	1.19E-08	2.12E-05	6.11E-03	1.17E-01	0.00E+00	1.53E-10	2.01E-10	2.33E-05	5.21E-07	1.55E-02	0.00E+00	1.17E-01	2.99E-10	1.17E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	8.76E-04
NSN313	2.74E-05	3.03E-03	2.53E-03	1.10E-02	0.00E+00	0.00E+00	1.61E-01	1.50E-07	1.49E-05	8.03E-05	0.00E+00	2.58E-04	1.21E-09	3.69E-11	1.68E-03	2.39E-05	8.99E-04	1.52E-08	1.76E-05	5.51E-03	9.74E-02	0.00E+00	1.26E-10	1.66E-10	1.92E-05	4.03E-07	1.29E-02	0.00E+00	9.74E-02	2.55E-10	9.74E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.15E-04
NSN316	3.37E-05	7.31E-03	3.02E-03	1.31E-02	0.00E+00	0.00E+00	1.91E-01	1.79E-07	1.76E-05	9.93E-05	0.00E+00	3.11E-04	1.44E-09	4.34E-11	1.99E-03	3.03E-05	1.07E-03	1.22E-08	2.15E-05	6.21E-03	1.18E-01	0.00E+00	1.55E-10	2.04E-10	2.36E-05	5.28E-07	1.57E-02	0.00E+00	1.18E-01	3.04E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	8.88E-04
NSN320	2.96E-05	3.86E-03	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.73E-01	1.61E-07	1.60E-05	8.69E-05	0.00E+00	2.78E-04	1.30E-09	3.95E-11	1.81E-03	2.60E-05	9.67E-04	1.53E-08	1.90E-05	5.87E-03	1.05E-01	0.00E+00	1.36E-10	1.80E-10	2.08E-05	4.41E-07	1.39E-02	0.00E+00	1.05E-01	2.74E-10	1.05E-01	1.19E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	7.75E-04
NSN325	3.02E-05	4.24E-03	2.77E-03	1.20E-02	0.00E+00	0.00E+00	1.76E-01	1.64E-07	1.62E-05	8.86E-05	0.00E+00	2.83E-04	1.32E-09	4.01E-11	1.83E-03	2.65E-05	9.82E-04	1.51E-08	1.94E-05	5.93E-03	1.07E-01	0.00E+00	1.39E-10	1.83E-10	2.12E-05	4.52E-07	1.42E-02	0.00E+00	1.07E-01	2.78E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-04
NSN332	9.55E-06	1.02E-02	1.19E-03	5.26E-03	0.00E+00	0.00E+00	7.98E-02	7.03E-08	7.39E-06	2.68E-05	0.00E+00	1.12E-04	5.77E-10	1.91E-11	8.51E-04	5.32E-06	4.23E-04	2.58E-08	6.67E-06	3.74E-03	3.87E-02	0.00E+00	4.28E-11	6.14E-11	6.97E-06	3.87E-08	5.03E-03	0.00E+00	3.87E-02	1.20E-10	3.87E-02	4.37E-02	5.03E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NSN340	3.49E-05	7.01E-03	3.14E-03	1.36E-02	0.00E+00	0.00E+00	1.99E-01	1.86E-07	1.83E-05	1.03E-04	0.00E+00	3.23E-04	1.50E-09	4.52E-11	2.07E-03	3.13E-05	1.12E-03	1.36E-08	2.23E-05	6.52E-03	1.23E-01	0.00E+00	1.60E-10	2.11E-10	2.44E-05	5.42E-07	1.63E-02	0.00E+00	1.23E-01	3.16E-10	1.23E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
NSN350	2.34E-05	1.08E-03	2.26E-03	9.85E-03	0.00E+00	0.00E+00	1.45E-01	1.33E-07	1.34E-05	6.81E-05	0.00E+00	2.27E-04	1.08E-09	3.34E-11	1.52E-03	1.94E-05	8.02E-04	1.96E-08	1.52E-05	5.29E-03	8.45E-02	0.00E+00	1.07E-10	1.43E-10	1.65E-05	3.10E-07	1.12E-02	0.00E+00	8.45E-02	2.27E-10	8.45E-02	9.57E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-04
NSN363	2.77E-05	1.77E-03	2.59E-03	1.13E-02	0.00E+00	0.00E+00	1.65E-01	1.53E-07	1.53E-05	8.09E-05	0.00E+00	2.63E-04	1.24E-09	3.79E-11	1.73E-03	2.37E-05	9.20E-04	1.76E-08	1.78E-05	5.77E-03	9.88E-02	0.00E+00	1.27E-10	1.68E-10	1.94E-05	3.95E-07	1.31E-02	0.00E+00	9.88E-02	2.61E-10	9.88E-02	1.12E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-04
NSN400	3.85E-05	4.59E-03	3.55E-03	1.54E-02	0.00E+00	0.00E+00	2.26E-01	2.10E-07	2.08E-05	1.13E-04	0.00E+00	3.62E-04	1.70E-09	5.15E-11	2.35E-03	3.36E-05	1.26E-03	2.07E-08	2.47E-05	7.69E-03	1.37E-01	0.00E+00	1.76E-10	2.33E-10	2.70E-05	5.68E-07	1.81E-02	0.00E+00	1.37E-01	3.57E-10	1.37E-01	1.55E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
NSN401	5.84E-05	1.85E-02	5.08E-03	2.20E-02	0.00E+00	0.00E+00	3.18E-01	3.00E-07	2.93E-05	1.72E-04	0.00E+00	5.27E-04	2.42E-09	7.18E-11	3.30E-03	5.41E-05	1.80E-03	1.04E-08	3.70E-05	9.81E-03	2.02E-01	0.00E+00	2.69E-10	3.51E-10	4.07E-05	9.66E-07	2.69E-02	0.00E+00	2.02E-01	5.10E-10	2.02E-01	2.29E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
NSN402	6.50E-05	2.29E-02	5.59E-03	2.41E-02	0.00E+00	0.00E+00	3.49E-01	3.30E-07	3.22E-05	1.92E-04	0.00E+00	5.82E-04	2.66E-09	7.86E-11	3.62E-03	6.08E-05	1.98E-03	7.40E-09	4.10E-05	1.05E-02	2.24E-01	0.00E+00	2.99E-10	3.90E-10	4.52E-05	1.10E-06	2.99E-02	0.00E+00	2.24E-01	5.61E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
NSN403	1.34E-04	7.05E-02	1.09E-02	4.70E-02	0.00E+00	0.00E+00	6.74E-01	6.45E-07	6.20E-05	4.00E-04	0.00E+00	1.16E-03	5.18E-09	1.50E-10	6.94E-03	1.32E-04	3.87E-03	2.68E-08	8.38E-05	1.81E-02	4.54E-01	0.00E+00	6.21E-10	7.99E-10	9.30E-05	2.48E-06	6.07E-02	0.00E+00	4.54E-01	1.10E-09	4.54E-01	5.15E-01	6.07E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03
NSN404	2.87E-05	1.85E-03	2.78E-03	1.21E-02	0.00E+00	0.00E+00	1.79E-01	1.65E-07	1.65E-05	8.35E-05	0.00E+00	2.80E-04	1.34E-09	4.13E-11	1.88E-03	2.36E-05	9.89E-04	2.50E-08	1.87E-05	6.57E-03	1.04E-01	0.00E+00	1.31E-10	1.76E-10	2.02E-05	3.76E-07	1.37E-02	0.00E+00	1.04E-01	2.80E-10	1.04E-01	1.18E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	7.37E-04
NSN406	4.41E-05	9.84E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.30E-04	0.00E+00	4.06E-04	1.88E-09	5.66E-11	2.59E-03	3.98E-05	1.40E-03	1.54E-08	2.81E-05	8.08E-03	1.55E-01	0.00E+00	2.03E-10	2.66E-10	3.08E-05	6.93E-07	2.05E-02	0.00E+00	1.55E-01	3.97E-10	1.55E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NSN410	5.07E-05	1.41E-02	4.46E-03	1.93E-02	0.00E+00	0.00E+00	2.80E-01	2.63E-07	2.58E-05	1.49E-04	0.00E+00	4.61E-04	2.12E-09	6.34E-11	2.91E-03	4.64E-05	1.58E-03	1.25E-08	3.22E-05	8.82E-03	1.76E-01	0.00E+00	2.33E-10	3.05E-10	3.53E-05	8.21E-07	2.35E-02	0.00E+00	1.76E-01	4.48E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
NSN413	4.40E-05	9.20E-03	3.95E-03	1.71E-02	0.00E+00	0.00E+00	2.49E-01	2.33E-07	2.30E-05	1.29E-04	0.00E+00	4.06E-04	1.88E-09	5.67E-11	2.59E-03	3.94E-05	1.40E-03	1.64E-08	2.81E-05	8.14E-03	1.54E-01	0.00E+00	2.02E-10	2.65E-10	3.07E-05	6.85E-07	2.05E-02	0.00E+00	1.54E-01	3.97E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NSN416	1.71E-04	9.80E-02	1.37E-02	5.89E-02	0.00E+00	0.00E+00	8.43E-01	8.10E-07	7.75E-05	5.11E-04	0.00E+00	1.46E-03	6.50E-09	1.86E-10	8.66E-03	1.70E-04	4.85E-03	4.89E-08	1.06E-04	2.17E-02	5.76E-01	0.00E+00	7.92E-10	1.02E-09	1.18E-04	3.23E-06	7.70E-02	0.00E+00	5.76E-01	1.37E-09	5.76E-01	6.52E-01	7.70E-02	0.00E+00	0.00E+00	0.00E+00	4.64E-03
NSN420	4.03E-05	5.79E-03	3.69E-03	1.60E-02	0.00E+00	0.00E+00	2.34E-01	2.18E-07	2.16E-05	1.18E-04	0.00E+00	3.77E-04	1.76E-09	5.35E-11	2.44E-03	3.55E-05	1.31E-03	1.99E-08	2.59E-05	7.89E-03	1.43E-01	0.00E+00	1.85E-10	2.44E-10	2.82E-05	6.04E-07	1.89E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
NSN425	3.70E-05	3.48E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.19E-01	2.03E-07	2.02E-05	1.08E-04	0.00E+00	3.50E-04	1.64E-09	5.01E-11	2.28E-03	3.21E-05	1.22E-03	2.16E-08	2.38E-05	7.54E-03	1.32E-01	0.00E+00	1.69E-10	2.25E-10	2.60E-05	5.38E-07	1.74E-02	0.00E+00	1.32E-01	3.46E-10	1.32E-01	1.49E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	9.64E-04
NSN432	3.68E-05	2.90E-03	3.44E-03	1.49E-02	0.00E+00	0.00E+00	2.19E-01	2.03E-07	2.02E-05	1.08E-04	0.00E+00	3.49E-04	1.64E-09	5.02E-11	2.29E-03	3.18E-05	1.22E-03	2.25E-08	2.37E-05	7.59E-03	1.31E-01	0.00E+00	1.69E-10	2.24E-10	2.59E-05	5.31E-07	1.74E-02	0.00E+00	1.31E-01	3.46E-10	1.31E-01	1.49E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	9.58E-04
NSN440	1.03E-05	1.53E-02	1.40E-03	6.22E-03	0.00E+00	0.00E+00	9.52E-02	8.29E-08	8.83E-06	2.85E-05	0.00E+00	1.30E-04	6.83E-10	2.31E-11	1.02E-03	4.63E-06	4.99E-04	3.57E-08	7.42E-06	4.73E-03	4.37E-02	0.00E+00	4.60E-11	6.77E-11	7.64E-06	3.65E-09	5.64E-03	0.00E+00	4.37E-02	1.42E-10	4.37E-02	4.93E-02	5.64E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
NSN450	2.68E-05	4.34E-03	2.67E-03	1.17E-02	0.00E+00	0.00E+00	1.73E-01	1.58E-07	1.60E-05	7.77E-05	0.00E+00	2.67E-04	1.28E-09	4.01E-11	1.81E-03	2.14E-05	9.49E-04	2.81E-08	1.76E-05	6.56E-03	9.82E-02	0.00E+00	1.22E-10	1.65E-10	1.90E-05	3.28E-07	1.30E-02	0.00E+00	9.82E-02	2.69E-10	9.82E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
NSN463	1.59E-05	1.19E-02	1.84E-03	8.10E-03	0.00E+00	0.00E+00	1.22E-01	1.09E-07	1.13E-05	4.51E-05	0.00E+00	1.76E-04	8.90E-10	2.90E-11	1.30E-03	1.02E-05	6.54E-04	3.36E-08	1.09E-05	5.40E-03	6.22E-02	0.00E+00	7.17E-11	1.01E-10	1.15E-05	1.11E-07	8.12E-03	0.00E+00	6.22E-02	1.86E-10	6.22E-02	7.03E-02	8.12E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04
NT101C	1.45E-05	4.43E-03	1.27E-03	5.48E-03	0.00E+00	0.00E+00	7.95E-02	7.48E-08	7.32E-06	4.29E-05	0.00E+00	1.31E-04	6.03E-10	1.80E-11	8.25E-04	1.34E-05	4.49E-04	2.90E-09	9.20E-06	2.47E-03	5.04E-02	0.00E+00	6.68E-11	8.73E-11	1.01E-05	2.39E-07	6.70E-03	0.00E+00	5.04E-02	1.27E-10	5.04E-02	5.71E-02	6.70E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04
NT102C	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
NT104C	2.85E-05	1.40E-02	2.34E-03	1.01E-02	0.00E+00	0.00E+00	1.45E-01	1.38E-07	1.33E-05	8.47E-05	0.00E+00	2.48E-04	1.11E-09	3.23E-11	1.49E-03	2.77E-05	8.30E-04	4.01E-09	1.78E-05	3.98E-03	9.67E-02	0.00E+00	1.32E-10	1.70E-10	1.97E-05	5.17E-07	1.29E-02	0.00E+00	9.67E-02	2.35E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
NT106C	3.91E-05	2.17E-02	3.15E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.86E-07	1.78E-05	1.17E-04	0.00E+00	3.35E-04	1.49E-09	4.30E-11	1.99E-03	3.87E-05	1.11E-03	9.86E-09	2.43E-05	5.08E-03	1.32E-01	0.00E+00	1.81E-10	2.32E-10	2.70E-05	7.31E-07	1.76E-02	0.00E+00	1.32E-01	3.16E-10	1.32E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NT110C	2.44E-05	1.19E-02	2.01E-03	8.67E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.26E-05	0.00E+00	2.13E-04	9.55E-10	2.78E-11	1.28E-03	2.37E-05	7.13E-04	3.11E-09	1.53E-05	3.44E-03	8.29E-02	0.00E+00	1.13E-10	1.46E-10	1.69E-05	4.41E-07	1.11E-02	0.00E+00	8.29E-02	2.02E-10	8.29E-02	9.40E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-04
NT116C	2.98E-05	1.56E-02	2.43E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.88E-05	0.00E+00	2.57E-04	1.15E-09	3.33E-11	1.54E-03	2.92E-05	8.59E-04	5.83E-09	1.86E-05	4.02E-03	1.01E-01	0.00E+00	1.38E-10	1.77E-10	2.06E-05	5.49E-07	1.35E-02	0.00E+00	1.01E-01	2.43E-10	1.01E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.05E-04
NT120C	3.63E-05	2.00E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.80E-01	1.73E-07	1.66E-05	1.08E-04	0.00E+00	3.11E-04	1.39E-09	3.99E-11	1.85E-03	3.58E-05	1.04E-03	8.91E-09	2.26E-05	4.73E-03	1.22E-01	0.00E+00	1.68E-10	2.16E-10	2.51E-05	6.77E-07	1.63E-02	0.00E+00	1.22E-01	2.93E-10	1.22E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
NT125C	3.60E-05	1.93E-02	2.92E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.72E-07	1.65E-05	1.07E-04	0.00E+00	3.10E-04	1.38E-09	3.99E-11	1.85E-03	3.54E-05	1.03E-03	7.92E-09	2.24E-05	4.77E-03	1.21E-01	0.00E+00	1.66E-10	2.14E-10	2.49E-05	6.67E-07	1.62E-02	0.00E+00	1.21E-01	2.92E-10	1.21E-01	1.38E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.73E-04
NT132C	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
NT140C	3.83E-05	2.08E-02	3.10E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.83E-07	1.75E-05	1.14E-04	0.00E+00	3.29E-04	1.47E-09	4.23E-11	1.96E-03	3.77E-05	1.10E-03	8.87E-09	2.38E-05	5.04E-03	1.29E-01	0.00E+00	1.77E-10	2.27E-10	2.65E-05	7.11E-07	1.72E-02	0.00E+00	1.29E-01	3.10E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NT150C	3.44E-05	1.78E-02	2.81E-03	1.21E-02	0.00E+00	0.00E+00	1.73E-01	1.66E-07	1.59E-05	1.02E-04	0.00E+00	2.97E-04	1.33E-09	3.85E-11	1.78E-03	3.37E-05	9.93E-04	6.40E-09	2.15E-05	4.67E-03	1.16E-01	0.00E+00	1.59E-10	2.05E-10	2.38E-05	6.32E-07	1.56E-02	0.00E+00	1.16E-01	2.81E-10	1.16E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.29E-04
NT163C	3.80E-05	2.02E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.90E-01	1.82E-07	1.75E-05	1.13E-04	0.00E+00	3.27E-04	1.46E-09	4.22E-11	1.96E-03	3.73E-05	1.09E-03	8.14E-09	2.37E-05	5.06E-03	1.28E-01	0.00E+00	1.76E-10	2.26E-10	2.63E-05	7.03E-07	1.71E-02	0.00E+00	1.28E-01	3.09E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NT201C	3.90E-05	1.58E-02	3.29E-03	1.42E-02	0.00E+00	0.00E+00	2.05E-01	1.94E-07	1.89E-05	1.15E-04	0.00E+00	3.45E-04	1.57E-09	4.60E-11	2.12E-03	3.70E-05	1.17E-03	7.06E-10	2.45E-05	5.99E-03	1.34E-01	0.00E+00	1.80E-10	2.33E-10	2.71E-05	6.76E-07	1.78E-02	0.00E+00	1.34E-01	3.31E-10	1.34E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NT202C	5.58E-05	2.72E-02	4.59E-03	1.98E-02	0.00E+00	0.00E+00	2.84E-01	2.71E-07	2.61E-05	1.66E-04	0.00E+00	4.85E-04	2.18E-09	6.33E-11	2.93E-03	5.42E-05	1.62E-03	7.41E-09	3.49E-05	7.83E-03	1.89E-01	0.00E+00	2.57E-10	3.32E-10	3.86E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	4.60E-10	1.89E-01	2.15E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
NT204C	3.25E-05	1.15E-02	2.79E-03	1.21E-02	0.00E+00	0.00E+00	1.75E-01	1.65E-07	1.61E-05	9.61E-05	0.00E+00	2.91E-04	1.33E-09	3.93E-11	1.81E-03	3.04E-05	9.89E-04	3.61E-09	2.05E-05	5.26E-03	1.12E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.49E-07	1.49E-02	0.00E+00	1.12E-01	2.80E-10	1.12E-01	1.27E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.65E-04
NT206C	6.94E-05	3.73E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.46E-01	3.32E-07	3.19E-05	2.07E-04	0.00E+00	5.97E-04	2.66E-09	7.69E-11	3.57E-03	6.83E-05	1.99E-03	1.54E-08	4.32E-05	9.19E-03	2.34E-01	0.00E+00	3.21E-10	4.13E-10	4.80E-05	1.29E-06	3.13E-02	0.00E+00	2.34E-01	5.63E-10	2.34E-01	2.65E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
NT210C	4.48E-05	2.10E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.33E-04	0.00E+00	3.91E-04	1.76E-09	5.13E-11	2.37E-03	4.33E-05	1.31E-03	4.43E-09	2.81E-05	6.43E-03	1.52E-01	0.00E+00	2.07E-10	2.67E-10	3.11E-05	8.03E-07	2.04E-02	0.00E+00	1.52E-01	3.72E-10	1.52E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
NT216C	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NT220C	1.02E-04	5.97E-02	8.09E-03	3.47E-02	0.00E+00	0.00E+00	4.96E-01	4.77E-07	4.56E-05	3.03E-04	0.00E+00	8.63E-04	3.83E-09	1.10E-10	5.09E-03	1.01E-04	2.86E-03	3.19E-08	6.30E-05	1.26E-02	3.40E-01	0.00E+00	4.70E-10	6.02E-10	7.01E-05	1.93E-06	4.55E-02	0.00E+00	3.40E-01	8.10E-10	3.40E-01	3.86E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
NT225C	7.43E-05	4.02E-02	6.00E-03	2.58E-02	0.00E+00	0.00E+00	3.70E-01	3.54E-07	3.40E-05	2.21E-04	0.00E+00	6.38E-04	2.85E-09	8.20E-11	3.81E-03	7.32E-05	2.12E-03	1.71E-08	4.62E-05	9.78E-03	2.50E-01	0.00E+00	3.43E-10	4.41E-10	5.13E-05	1.38E-06	3.35E-02	0.00E+00	2.50E-01	6.02E-10	2.50E-01	2.84E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
NT232C	7.14E-05	3.81E-02	5.79E-03	2.49E-02	0.00E+00	0.00E+00	3.57E-01	3.42E-07	3.28E-05	2.13E-04	0.00E+00	6.15E-04	2.75E-09	7.92E-11	3.68E-03	7.02E-05	2.05E-03	1.53E-08	4.45E-05	9.51E-03	2.41E-01	0.00E+00	3.30E-10	4.25E-10	4.94E-05	1.32E-06	3.22E-02	0.00E+00	2.41E-01	5.80E-10	2.41E-01	2.73E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
NT240C	6.98E-05	3.69E-02	5.67E-03	2.44E-02	0.00E+00	0.00E+00	3.49E-01	3.34E-07	3.21E-05	2.08E-04	0.00E+00	6.01E-04	2.69E-09	7.76E-11	3.60E-03	6.85E-05	2.00E-03	1.44E-08	4.35E-05	9.33E-03	2.35E-01	0.00E+00	3.22E-10	4.15E-10	4.82E-05	1.29E-06	3.15E-02	0.00E+00	2.35E-01	5.68E-10	2.35E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
NT250C	5.48E-05	2.60E-02	4.53E-03	1.95E-02	0.00E+00	0.00E+00	2.81E-01	2.67E-07	2.58E-05	1.63E-04	0.00E+00	4.78E-04	2.15E-09	6.26E-11	2.90E-03	5.30E-05	1.60E-03	5.94E-09	3.43E-05	7.81E-03	1.86E-01	0.00E+00	2.53E-10	3.27E-10	3.80E-05	9.85E-07	2.49E-02	0.00E+00	1.86E-01	4.54E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
NT263C	6.71E-05	3.44E-02	5.48E-03	2.36E-02	0.00E+00	0.00E+00	3.38E-01	3.23E-07	3.11E-05	2.00E-04	0.00E+00	5.80E-04	2.60E-09	7.52E-11	3.49E-03	6.56E-05	1.94E-03	1.19E-08	4.19E-05	9.16E-03	2.27E-01	0.00E+00	3.10E-10	3.99E-10	4.64E-05	1.23E-06	3.03E-02	0.00E+00	2.27E-01	5.49E-10	2.27E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
NT301C	3.88E-05	1.03E-02	3.43E-03	1.48E-02	0.00E+00	0.00E+00	2.16E-01	2.02E-07	1.99E-05	1.14E-04	0.00E+00	3.54E-04	1.63E-09	4.88E-11	2.24E-03	3.54E-05	1.21E-03	1.05E-08	2.47E-05	6.83E-03	1.35E-01	0.00E+00	1.78E-10	2.34E-10	2.71E-05	6.24E-07	1.80E-02	0.00E+00	1.35E-01	3.44E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NT302C	9.80E-05	5.08E-02	7.99E-03	3.44E-02	0.00E+00	0.00E+00	4.93E-01	4.71E-07	4.54E-05	2.92E-04	0.00E+00	8.46E-04	3.79E-09	1.10E-10	5.08E-03	9.60E-05	2.83E-03	1.84E-08	6.12E-05	1.33E-02	3.31E-01	0.00E+00	4.53E-10	5.83E-10	6.78E-05	1.80E-06	4.43E-02	0.00E+00	3.31E-01	8.01E-10	3.31E-01	3.76E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
NT304C	7.47E-05	3.51E-02	6.18E-03	2.66E-02	0.00E+00	0.00E+00	3.83E-01	3.65E-07	3.53E-05	2.22E-04	0.00E+00	6.52E-04	2.94E-09	8.55E-11	3.95E-03	7.21E-05	2.19E-03	7.40E-09	4.68E-05	1.07E-02	2.54E-01	0.00E+00	3.45E-10	4.45E-10	5.17E-05	1.34E-06	3.39E-02	0.00E+00	2.54E-01	6.20E-10	2.54E-01	2.88E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
NT306C	8.93E-05	4.58E-02	7.29E-03	3.14E-02	0.00E+00	0.00E+00	4.50E-01	4.30E-07	4.14E-05	2.66E-04	0.00E+00	7.72E-04	3.46E-09	1.00E-10	4.64E-03	8.73E-05	2.58E-03	1.60E-08	5.57E-05	1.22E-02	3.02E-01	0.00E+00	4.12E-10	5.31E-10	6.18E-05	1.64E-06	4.04E-02	0.00E+00	3.02E-01	7.31E-10	3.02E-01	3.42E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
NT310C	7.99E-05	4.04E-02	6.54E-03	2.82E-02	0.00E+00	0.00E+00	4.04E-01	3.86E-07	3.72E-05	2.38E-04	0.00E+00	6.92E-04	3.10E-09	8.99E-11	4.16E-03	7.80E-05	2.32E-03	1.32E-08	4.99E-05	1.10E-02	2.71E-01	0.00E+00	3.69E-10	4.76E-10	5.53E-05	1.46E-06	3.61E-02	0.00E+00	2.71E-01	6.56E-10	2.71E-01	3.07E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
NT316C	9.12E-05	4.81E-02	7.41E-03	3.19E-02	0.00E+00	0.00E+00	4.57E-01	4.37E-07	4.20E-05	2.71E-04	0.00E+00	7.86E-04	3.51E-09	1.01E-10	4.71E-03	8.95E-05	2.62E-03	1.87E-08	5.69E-05	1.22E-02	3.08E-01	0.00E+00	4.21E-10	5.42E-10	6.31E-05	1.68E-06	4.12E-02	0.00E+00	3.08E-01	7.43E-10	3.08E-01	3.49E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NT320C	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NT325C	9.85E-05	5.15E-02	8.01E-03	3.45E-02	0.00E+00	0.00E+00	4.94E-01	4.73E-07	4.54E-05	2.93E-04	0.00E+00	8.49E-04	3.80E-09	1.10E-10	5.09E-03	9.65E-05	2.83E-03	1.94E-08	6.14E-05	1.33E-02	3.33E-01	0.00E+00	4.55E-10	5.85E-10	6.81E-05	1.81E-06	4.44E-02	0.00E+00	3.33E-01	8.03E-10	3.33E-01	3.77E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
NT332C	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NT340C	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NT350C	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
NT363C	6.60E-05	2.93E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.65E-11	3.53E-03	6.33E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
VKS01SG	3.82E-05	3.02E-02	1.81E-02	1.21E-02	9.01E-11	0.00E+00	1.70E-01	1.67E-07	1.56E-05	1.15E-04	0.00E+00	6.79E-04	1.33E-09	3.69E-11	1.74E-03	4.03E-05	1.01E-03	9.11E-03	8.08E-05	3.49E-03	1.25E-01	0.00E+00	1.77E-10	2.24E-10	2.62E-05	7.94E-07	1.68E-02	0.00E+00	1.25E-01	6.37E-10	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VKS03SF	1.58E-04	1.25E-01	7.48E-02	4.98E-02	3.70E-10	0.00E+00	7.02E-01	6.89E-07	6.45E-05	4.73E-04	0.00E+00	2.79E-03	5.50E-09	1.52E-10	7.15E-03	1.66E-04	4.12E-03	3.76E-02	3.33E-04	1.44E-02	5.14E-01	0.00E+00	7.31E-10	9.24E-10	1.08E-04	3.28E-06	6.91E-02	0.00E+00	5.14E-01	2.62E-09	5.14E-01	5.83E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	4.34E-03
VKS04SD	2.87E-04	2.27E-01	1.36E-01	9.07E-02	6.73E-10	0.00E+00	1.28E+00	1.25E-06	1.17E-04	8.61E-04	0.00E+00	5.07E-03	1.00E-08	2.77E-10	1.30E-02	3.01E-04	7.50E-03	6.84E-02	6.07E-04	2.62E-02	9.36E-01	0.00E+00	1.33E-09	1.68E-09	1.96E-04	5.96E-06	1.26E-01	0.00E+00	9.36E-01	4.77E-09	9.36E-01	1.06E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.90E-03
VKS05SK	2.87E-04	2.27E-01	1.36E-01	9.07E-02	6.73E-10	0.00E+00	1.28E+00	1.25E-06	1.17E-04	8.61E-04	0.00E+00	5.07E-03	1.00E-08	2.77E-10	1.30E-02	3.01E-04	7.50E-03	6.84E-02	6.07E-04	2.62E-02	9.36E-01	0.00E+00	1.33E-09	1.68E-09	1.96E-04	5.96E-06	1.26E-01	0.00E+00	9.36E-01	4.77E-09	9.36E-01	1.06E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.90E-03
VKS06SV	2.74E-04	2.16E-01	1.30E-01	8.65E-02	6.42E-10	0.00E+00	1.22E+00	1.20E-06	1.12E-04	8.22E-04	0.00E+00	4.84E-03	9.55E-09	2.64E-10	1.24E-02	2.88E-04	7.16E-03	6.52E-02	5.79E-04	2.50E-02	8.93E-01	0.00E+00	1.27E-09	1.60E-09	1.87E-04	5.69E-06	1.20E-01	0.00E+00	8.93E-01	4.55E-09	8.93E-01	1.01E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-03
VKS08SC	3.74E-04	2.96E-01	1.77E-01	1.18E-01	8.78E-10	0.00E+00	1.67E+00	1.63E-06	1.53E-04	1.12E-03	0.00E+00	6.61E-03	1.30E-08	3.61E-10	1.70E-02	3.93E-04	9.79E-03	8.92E-02	7.91E-04	3.42E-02	1.22E+00	0.00E+00	1.73E-09	2.19E-09	2.56E-04	7.78E-06	1.64E-01	0.00E+00	1.22E+00	6.22E-09	1.22E+00	1.38E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
VKS12SJ	6.24E-05	4.93E-02	2.96E-02	1.97E-02	1.47E-10	0.00E+00	2.78E-01	2.73E-07	2.55E-05	1.87E-04	0.00E+00	1.11E-03	2.18E-09	6.03E-11	2.84E-03	6.57E-05	1.64E-03	1.49E-02	1.32E-04	5.70E-03	2.04E-01	0.00E+00	2.90E-10	3.66E-10	4.27E-05	1.30E-06	2.74E-02	0.00E+00	2.04E-01	1.04E-09	2.04E-01	2.31E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VKS13SH	1.56E-04	1.03E-01	1.21E-02	5.17E-02	0.00E+00	0.00E+00	7.35E-01	7.12E-07	6.76E-05	4.65E-04	0.00E+00	1.30E-03	5.70E-09	1.61E-10	7.53E-03	1.58E-04	4.27E-03	7.04E-08	9.60E-05	1.74E-02	5.16E-01	0.00E+00	7.21E-10	9.19E-10	1.07E-04	3.06E-06	6.92E-02	0.00E+00	5.16E-01	1.21E-09	5.16E-01	5.86E-01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-03
Y1106	7.93E-06	3.44E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.48E-06	2.31E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.08E-04	6.66E-06	2.69E-04	6.04E-09	5.14E-06	1.74E-03	2.85E-02	0.00E+00	3.63E-11	4.84E-11	5.58E-06	1.08E-07	3.77E-03	0.00E+00	2.85E-02	7.62E-11	2.85E-02	3.23E-02	3.77E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
Y11101	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04

Y11161	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
Y11201	9.87E-06	6.70E-03	7.61E-04	3.26E-03	0.00E+00	0.00E+00	4.63E-02	4.49E-08	4.25E-06	2.95E-05	0.00E+00	8.21E-05	3.60E-10	1.01E-11	4.74E-04	1.01E-05	2.69E-04	4.73E-09	6.08E-06	1.08E-03	3.27E-02	0.00E+00	4.57E-11	5.82E-11	6.79E-06	1.95E-07	4.38E-03	0.00E+00	3.27E-02	7.62E-11	3.27E-02	3.71E-02	4.38E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
Y1125	8.06E-06	4.26E-04	7.58E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.46E-06	2.36E-05	0.00E+00	7.69E-05	3.63E-10	1.11E-11	5.05E-04	6.90E-06	2.69E-04	5.30E-09	5.20E-06	1.70E-03	2.88E-02	0.00E+00	3.69E-11	4.91E-11	5.66E-06	1.14E-07	3.82E-03	0.00E+00	2.88E-02	7.62E-11	2.88E-02	3.26E-02	3.82E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
Y1132	6.29E-06	1.11E-03	6.30E-04	2.75E-03	0.00E+00	0.00E+00	4.08E-02	3.72E-08	3.76E-06	1.82E-05	0.00E+00	6.28E-05	3.03E-10	9.46E-12	4.28E-04	5.00E-06	2.24E-04	6.75E-09	4.13E-06	1.56E-03	2.31E-02	0.00E+00	2.87E-11	3.87E-11	4.45E-06	7.62E-08	3.05E-03	0.00E+00	2.31E-02	6.35E-11	2.31E-02	2.61E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04
Y1140	6.29E-06	1.11E-03	6.30E-04	2.75E-03	0.00E+00	0.00E+00	4.08E-02	3.72E-08	3.76E-06	1.82E-05	0.00E+00	6.28E-05	3.03E-10	9.46E-12	4.28E-04	5.00E-06	2.24E-04	6.75E-09	4.13E-06	1.56E-03	2.31E-02	0.00E+00	2.87E-11	3.87E-11	4.45E-06	7.62E-08	3.05E-03	0.00E+00	2.31E-02	6.35E-11	2.31E-02	2.61E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04
Y1150	7.71E-06	7.82E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.88E-02	4.47E-08	4.50E-06	2.24E-05	0.00E+00	7.59E-05	3.63E-10	1.13E-11	5.11E-04	6.28E-06	2.69E-04	7.23E-09	5.03E-06	1.81E-03	2.81E-02	0.00E+00	3.52E-11	4.73E-11	5.45E-06	9.86E-08	3.71E-03	0.00E+00	2.81E-02	7.62E-11	2.81E-02	3.18E-02	3.71E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04
Y1163	7.84E-06	3.22E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.86E-02	4.47E-08	4.49E-06	2.29E-05	0.00E+00	7.63E-05	3.63E-10	1.12E-11	5.09E-04	6.52E-06	2.69E-04	6.50E-09	5.10E-06	1.77E-03	2.84E-02	0.00E+00	3.58E-11	4.80E-11	5.53E-06	1.05E-07	3.75E-03	0.00E+00	2.84E-02	7.62E-11	2.84E-02	3.21E-02	3.75E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
Y1206	1.66E-05	2.73E-03	1.51E-03	6.57E-03	0.00E+00	0.00E+00	9.60E-02	8.94E-08	8.85E-06	4.88E-05	0.00E+00	1.55E-04	7.23E-10	2.19E-11	1.00E-03	1.47E-05	5.37E-04	7.58E-09	1.07E-05	3.20E-03	5.87E-02	0.00E+00	7.63E-11	1.01E-10	1.16E-05	2.52E-07	7.79E-03	0.00E+00	5.87E-02	1.52E-10	5.87E-02	6.65E-02	7.79E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
Y12101	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
Y12161	1.97E-05	1.34E-02	1.52E-03	6.51E-03	0.00E+00	0.00E+00	9.24E-02	8.97E-08	8.49E-06	5.90E-05	0.00E+00	1.64E-04	7.18E-10	2.02E-11	9.46E-04	2.02E-05	5.37E-04	9.54E-09	1.21E-05	2.15E-03	6.53E-02	0.00E+00	9.13E-11	1.16E-10	1.36E-05	3.91E-07	8.75E-03	0.00E+00	6.53E-02	1.52E-10	6.53E-02	7.40E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
Y1220	1.60E-05	4.84E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.12E-08	1.03E-05	3.42E-03	5.73E-02	0.00E+00	7.32E-11	9.74E-11	1.12E-05	2.23E-07	7.59E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.59E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
Y1225	1.60E-05	4.84E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.12E-08	1.03E-05	3.42E-03	5.73E-02	0.00E+00	7.32E-11	9.74E-11	1.12E-05	2.23E-07	7.59E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.59E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
Y1232	5.85E-05	2.94E-02	4.80E-03	2.06E-02	0.00E+00	0.00E+00	2.96E-01	2.83E-07	2.73E-05	1.74E-04	0.00E+00	5.07E-04	2.27E-09	6.59E-11	3.05E-03	5.70E-05	1.70E-03	9.26E-09	3.66E-05	8.08E-03	1.98E-01	0.00E+00	2.70E-10	3.48E-10	4.05E-05	1.07E-06	2.65E-02	0.00E+00	1.98E-01	4.81E-10	1.98E-01	2.25E-01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
Y1240	1.59E-05	2.54E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.65E-05	0.00E+00	1.53E-04	7.25E-10	2.22E-11	1.01E-03	1.35E-05	5.37E-04	1.15E-08	1.03E-05	3.44E-03	5.72E-02	0.00E+00	7.28E-11	9.71E-11	1.12E-05	2.20E-07	7.57E-03	0.00E+00	5.72E-02	1.52E-10	5.72E-02	6.47E-02	7.57E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
Y1250	1.57E-05	5.52E-04	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.70E-02	8.94E-08	8.95E-06	4.57E-05	0.00E+00	1.52E-04	7.25E-10	2.24E-11	1.02E-03	1.31E-05	5.37E-04	1.28E-08	1.02E-05	3.52E-03	5.67E-02	0.00E+00	7.17E-11	9.59E-11	1.11E-05	2.10E-07	7.49E-03	0.00E+00	5.67E-02	1.52E-10	5.67E-02	6.42E-02	7.49E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-04
Y1263	1.57E-05	5.52E-04	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.70E-02	8.94E-08	8.95E-06	4.57E-05	0.00E+00	1.52E-04	7.25E-10	2.24E-11	1.02E-03	1.31E-05	5.37E-04	1.28E-08	1.02E-05	3.52E-03	5.67E-02	0.00E+00	7.17E-11	9.59E-11	1.11E-05	2.10E-07	7.49E-03	0.00E+00	5.67E-02	1.52E-10	5.67E-02	6.42E-02	7.49E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-04
Y1306	2.50E-05	4.13E-03	2.27E-03	9.86E-03	0.00E+00	0.00E+00	1.44E-01	1.34E-07	1.33E-05	7.33E-05	0.00E+00	2.33E-04	1.09E-09	3.28E-11	1.50E-03	2.21E-05	8.06E-04	1.13E-08	1.60E-05	4.80E-03	8.81E-02	0.00E+00	1.15E-10	1.51E-10	1.75E-05	3.79E-07	1.17E-02	0.00E+00	8.81E-02	2.28E-10	8.81E-02	9.98E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.55E-04
Y13101	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
Y13161	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
Y1320	2.40E-05	7.95E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	7.02E-05	0.00E+00	2.30E-04	1.09E-09	3.33E-11	1.52E-03	2.04E-05	8.05E-04	1.67E-08	1.55E-05	5.13E-03	8.61E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.36E-07	1.14E-02	0.00E+00	8.61E-02	2.28E-10	8.61E-02	9.75E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
Y13201	2.96E-05	2.02E-02	2.28E-03	9.77E-03	0.00E+00	0.00E+00	1.39E-01	1.35E-07	1.27E-05	8.86E-05	0.00E+00	2.46E-04	1.08E-09	3.04E-11	1.42E-03	3.03E-05	8.07E-04	1.44E-08	1.82E-05	3.23E-03	9.80E-02	0.00E+00	1.37E-10	1.75E-10	2.04E-05	5.87E-07	1.31E-02	0.00E+00	9.80E-02	2.28E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
Y1325	2.40E-05	7.95E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	7.02E-05	0.00E+00	2.30E-04	1.09E-09	3.33E-11	1.52E-03	2.04E-05	8.05E-04	1.67E-08	1.55E-05	5.13E-03	8.61E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.36E-07	1.14E-02	0.00E+00	8.61E-02	2.28E-10	8.61E-02	9.75E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
Y1340	2.39E-05	3.92E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.98E-05	0.00E+00	2.30E-04	1.09E-09	3.34E-11	1.52E-03	2.02E-05	8.05E-04	1.73E-08	1.55E-05	5.17E-03	8.58E-02	0.00E+00	1.09E-10	1.46E-10	1.68E-05	3.31E-07	1.14E-02	0.00E+00	8.58E-02	2.28E-10	8.58E-02	9.72E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-04
Y1350	2.36E-05	7.59E-04	2.27E-03	9.89E-03	0.00E+00	0.00E+00	1.46E-01	1.34E-07	1.34E-05	6.87E-05	0.00E+00	2.29E-04	1.09E-09	3.36E-11	1.52E-03	1.96E-05	8.05E-04	1.91E-08	1.53E-05	5.28E-03	8.51E-02	0.00E+00	1.08E-10	1.44E-10	1.66E-05	3.16E-07	1.13E-02	0.00E+00	8.51E-02	2.28E-10	8.51E-02	9.64E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-04
Y1363	1.04E-04	5.43E-02	8.48E-03	3.65E-02	0.00E+00	0.00E+00	5.23E-01	5.00E-07	4.81E-05	3.10E-04	0.00E+00	8.98E-04	4.02E-09	1.16E-10	5.38E-03	1.02E-04	3.00E-03	2.02E-08	6.49E-05	1.40E-02	3.52E-01	0.00E+00	4.81E-10	6.19E-10	7.20E-05	1.91E-06	4.70E-02	0.00E+00	3.52E-01	8.49E-10	3.52E-01	3.99E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
Y1406	3.32E-05	5.40E-03	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.92E-01	1.79E-07	1.77E-05	9.76E-05	0.00E+00	3.10E-04	1.45E-09	4.37E-11	2.00E-03	2.94E-05	1.07E-03	1.53E-08	2.13E-05	6.41E-03	1.17E-01	0.00E+00	1.53E-10	2.01E-10	2.33E-05	5.04E-07	1.56E-02	0.00E+00	1.17E-01	3.04E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
Y14101	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
Y14161	3.94E-05	2.69E-02	3.04E-03	1.30E-02	0.00E+00	0.00E+00	1.85E-01	1.79E-07	1.70E-05	1.18E-04	0.00E+00	3.28E-04	1.44E-09	4.05E-11	1.89E-03	4.03E-05	1.07E-03	1.92E-08	2.43E-05	4.30E-03	1.31E-01	0.00E+00	1.83E-10	2.33E-10	2.71E-05	7.82E-07	1.75E-02	0.00E+00	1.31E-01	3.04E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
Y1420	3.20E-05	9.10E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.34E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.24E-08	2.07E-05	6.85E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.46E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-04
Y1425	3.20E-05	9.10E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.34E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.24E-08	2.07E-05	6.85E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.46E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-04
Y1432	3.19E-05	5.65E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.30E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.02E-03	2.70E-05	1.07E-03	2.30E-08	2.06E-05	6.88E-03	1.14E-01	0.00E+00	1.46E-10	1.94E-10	2.24E-05	4.41E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.30E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.25E-04
Y1440	3.18E-05	3.35E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.28E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.02E-03	2.68E-05	1.07E-03	2.34E-08	2.06E-05	6.90E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.24E-05	4.38E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.23E-04
Y1450	3.14E-05	1.10E-03	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.15E-05	0.00E+00	3.05E-04	1.45E-09	4.47E-11	2.03E-03	2.61E-05	1.07E-03	2.57E-08	2.04E-05	7.05E-03	1.13E-01	0.00E+00	1.43E-10	1.92E-10	2.21E-05	4.20E-07	1.50E-02	0.00E+00	1.13E-01	3.04E-10	1.13E-01	1.28E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
Y1463	3.14E-05	1.10E-03	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.15E-05	0.00E+00	3.05E-04	1.45E-09	4.47E-11	2.03E-03	2.61E-05	1.07E-03	2.57E-08	2.04E-05	7.05E-03	1.13E-01	0.00E+00	1.43E-10	1.92E-10	2.21E-05	4.20E-07	1.50E-02	0.00E+00	1.13E-01	3.04E-10	1.13E-01	1.28E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
Y7106	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
Y7110	8.17E-06	8.29E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.82E-02	4.48E-08	4.45E-06	2.39E-05	0.00E+00	7.72E-05	3.63E-10	1.10E-11	5.03E-04	7.10E-06	2.69E-04	4.66E-09	5.26E-06	1.66E-03	2.91E-02	0.00E+00	3.75E-11	4.96E-11	5.73E-06	1.19E-07	3.85E-03	0.00E+00	2.91E-02	7.62E-11	2.91E-02	3.29E-02	3.85E-03	0.00E+00	0.00E+00	0.00E+00	2.13E-04
Y7116	8.14E-06	7.14E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.10E-11	5.04E-04	7.04E-06	2.69E-04	4.84E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.73E-11	4.95E-11	5.71E-06	1.18E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
Y7120	8.13E-06	6.56E-04	7.58E-04	3.29E-03	0.00E+00	0.00E+00	4.83E-02	4.48E-08	4.45E-06	2.38E-05	0.00E+00	7.71E-05	3.63E-10	1.11E-11	5.04E-04	7.01E-06	2.69E-04	4.93E-09	5.24E-06	1.67E-03	2.90E-02	0.00E+00	3.72E-11	4.94E-11	5.70E-06	1.17E-07	3.84E-03	0.00E+00	2.90E-02	7.62E-11	2.90E-02	3.28E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
Y7125	7.99E-06	1.96E-04	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.84E-02	4.48E-08	4.47E-06	2.33E-05	0.00E+00	7.67E-05	3.63E-10	1.11E-11	5.06E-04	6.78E-06	2.69E-04	5.67E-09	5.17E-06	1.72E-03	2.87E-02	0.00E+00	3.66E-11	4.87E-11	5.62E-06	1.11E-07	3.80E-03	0.00E+00	2.87E-02	7.62E-11	2.87E-02	3.25E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04
Y7132	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
Y7140	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
Y7150	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
Y7163	7.94E-06	2.32E-05	7.57E-04	3.30E-03	0.00E+00	0.00E+00	4.85E-02	4.48E-08	4.47E-06	2.32E-05	0.00E+00	7.65E-05	3.63E-10	1.12E-11	5.07E-04	6.69E-06	2.69E-04	5.95E-09	5.15E-06	1.74E-03	2.86E-02	0.00E+00	3.63E-11	4.85E-11	5.59E-06	1.09E-07	3.78E-03	0.00E+00	2.86E-02	7.62E-11	2.86E-02	3.24E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
Y7206	1.62E-05	1.35E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.75E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.79E-09	1.05E-05	3.34E-03	5.78E-02	0.00E+00	7.44E-11	9.87E-11	1.14E-05	2.35E-07	7.66E-03	0.00E+00	5.78E-02	1.52E-10	5.78E-02	6.55E-02	7.66E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
Y7210	1.63E-05	1.69E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.88E-06	4.79E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.00E-03	1.42E-05	5.37E-04	9.24E-09	1.05E-05	3.30E-03	5.81E-02	0.00E+00	7.48E-11	9.92E-11	1.15E-05	2.39E-07	7.70E-03	0.00E+00	5.81E-02	1.52E-10	5.81E-02	6.58E-02	7.70E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
Y7216	1.63E-05	1.52E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.63E-02	8.94E-08	8.89E-06	4.77E-05	0.00E+00	1.54E-04	7.24E-10	2.20E-11	1.01E-03	1.41E-05	5.37E-04	9.52E-09	1.05E-05	3.32E-03	5.80E-02	0.00E+00	7.46E-11	9.89E-11	1.14E-05	2.37E-07	7.68E-03	0.00E+00	5.80E-02	1.52E-10	5.80E-02	6.56E-02	7.68E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
Y7220	1.63E-05	1.40E-03	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.64E-02	8.94E-08	8.89E-06	4.76E-05	0.00E+00	1.54E-04	7.24E-10	2.21E-11	1.01E-03	1.40E-05	5.37E-04	9.70E-09	1.05E-05	3.33E-03	5.79E-02	0.00E+00	7.44E-11	9.88E-11	1.14E-05	2.35E-07	7.67E-03	0.00E+00	5.79E-02	1.52E-10	5.79E-02	6.56E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
Y7225	1.60E-05	4.26E-04	1.51E-03	6.58E-03	0.00E+00	0.00E+00	9.67E-02	8.94E-08	8.92E-06	4.67E-05	0.00E+00	1.53E-04	7.24E-10	2.22E-11	1.01E-03	1.36E-05	5.37E-04	1.13E-08	1.03E-05	3.43E-03	5.73E-02	0.00E+00	7.31E-11	9.73E-11	1.12E-05	2.23E-07	7.58E-03	0.00E+00	5.73E-02	1.52E-10	5.73E-02	6.49E-02	7.58E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04
Y7232	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
Y7240	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
Y7250	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
Y7263	1.59E-05	8.13E-05	1.51E-03	6.59E-03	0.00E+00	0.00E+00	9.68E-02	8.94E-08	8.93E-06	4.63E-05	0.00E+00	1.53E-04	7.25E-10	2.23E-11	1.01E-03	1.34E-05	5.37E-04	1.18E-08	1.03E-05	3.46E-03	5.71E-02	0.00E+00	7.26E-11	9.68E-11	1.12E-05	2.18E-07	7.55E-03	0.00E+00	5.71E-02	1.52E-10	5.71E-02	6.46E-02	7.55E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04
Y7306	2.45E-05	2.64E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.44E-01	1.34E-07	1.33E-05	7.19E-05	0.00E+00	2.32E-04	1.09E-09	3.30E-11	1.51E-03	2.14E-05	8.06E-04	1.37E-08	1.58E-05	4.95E-03	8.72E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.60E-07	1.16E-02	0.00E+00	8.72E-02	2.28E-10	8.72E-02	9.88E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-04
Y7310	2.45E-05	2.41E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.17E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.12E-05	8.06E-04	1.41E-08	1.57E-05	4.97E-03	8.71E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.57E-07	1.15E-02	0.00E+00	8.71E-02	2.28E-10	8.71E-02	9.86E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
Y7316	2.45E-05	2.41E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.17E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.12E-05	8.06E-04	1.41E-08	1.57E-05	4.97E-03	8.71E-02	0.00E+00	1.12E-10	1.49E-10	1.72E-05	3.57E-07	1.15E-02	0.00E+00	8.71E-02	2.28E-10	8.71E-02	9.86E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
Y7320	2.44E-05	2.18E-03	2.27E-03	9.87E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.33E-05	7.15E-05	0.00E+00	2.31E-04	1.09E-09	3.31E-11	1.51E-03	2.11E-05	8.06E-04	1.44E-08	1.57E-05	4.99E-03	8.69E-02	0.00E+00	1.12E-10	1.48E-10	1.71E-05	3.54E-07	1.15E-02	0.00E+00	8.69E-02	2.28E-10	8.69E-02	9.84E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
Y7325	2.40E-05	6.80E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	7.01E-05	0.00E+00	2.30E-04	1.09E-09	3.33E-11	1.52E-03	2.04E-05	8.05E-04	1.68E-08	1.55E-05	5.14E-03	8.60E-02	0.00E+00	1.10E-10	1.46E-10	1.69E-05	3.35E-07	1.14E-02	0.00E+00	8.60E-02	2.28E-10	8.60E-02	9.74E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
Y7332	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
Y7340	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
Y7350	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
Y7363	2.38E-05	1.62E-04	2.27E-03	9.88E-03	0.00E+00	0.00E+00	1.45E-01	1.34E-07	1.34E-05	6.96E-05	0.00E+00	2.29E-04	1.09E-09	3.34E-11	1.52E-03	2.01E-05	8.05E-04	1.77E-08	1.54E-05	5.19E-03	8.57E-02	0.00E+00	1.09E-10	1.45E-10	1.68E-05	3.28E-07	1.13E-02	0.00E+00	8.57E-02	2.28E-10	8.57E-02	9.70E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
Y7406	3.25E-05	2.64E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.50E-05	0.00E+00	3.08E-04	1.45E-09	4.42E-11	2.01E-03	2.80E-05	1.07E-03	1.97E-08	2.09E-05	6.68E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.68E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
Y7410	3.27E-05	3.38E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.57E-05	0.00E+00	3.08E-04	1.45E-09	4.40E-11	2.01E-03	2.84E-05	1.07E-03	1.85E-08	2.10E-05	6.61E-03	1.16E-01	0.00E+00	1.50E-10	1.98E-10	2.29E-05	4.78E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.32E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
Y7416	3.26E-05	3.04E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.54E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.82E-05	1.07E-03	1.90E-08	2.10E-05	6.64E-03	1.16E-01	0.00E+00	1.49E-10	1.98E-10	2.29E-05	4.73E-07	1.54E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
Y7420	3.25E-05	2.75E-03	3.03E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.51E-05	0.00E+00	3.08E-04	1.45E-09	4.41E-11	2.01E-03	2.81E-05	1.07E-03	1.95E-08	2.09E-05	6.67E-03	1.16E-01	0.00E+00	1.49E-10	1.97E-10	2.28E-05	4.70E-07	1.53E-02	0.00E+00	1.16E-01	3.04E-10	1.16E-01	1.31E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
Y7425	3.19E-05	7.95E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.93E-01	1.79E-07	1.78E-05	9.33E-05	0.00E+00	3.06E-04	1.45E-09	4.44E-11	2.02E-03	2.71E-05	1.07E-03	2.26E-08	2.07E-05	6.86E-03	1.15E-01	0.00E+00	1.46E-10	1.95E-10	2.25E-05	4.44E-07	1.52E-02	0.00E+00	1.15E-01	3.04E-10	1.15E-01	1.30E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.27E-04
Y7432	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
Y7440	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
Y7450	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
Y7463	3.17E-05	1.05E-04	3.02E-03	1.32E-02	0.00E+00	0.00E+00	1.94E-01	1.79E-07	1.79E-05	9.26E-05	0.00E+00	3.06E-04	1.45E-09	4.45E-11	2.03E-03	2.67E-05	1.07E-03	2.37E-08	2.06E-05	6.93E-03	1.14E-01	0.00E+00	1.45E-10	1.94E-10	2.23E-05	4.36E-07	1.51E-02	0.00E+00	1.14E-01	3.04E-10	1.14E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-04
YZB110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
YZB116	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
YZB120	9.56E-06	2.15E-03	8.55E-04	3.71E-03	0.00E+00	0.00E+00	5.40E-02	5.05E-08	4.97E-06	2.81E-05	0.00E+00	8.80E-05	4.08E-10	1.23E-11	5.61E-04	8.62E-06	3.03E-04	3.31E-09	6.10E-06	1.75E-03	3.35E-02	0.00E+00	4.39E-11	5.77E-11	6.68E-06	1.50E-07	4.45E-03	0.00E+00	3.35E-02	8.59E-11	3.35E-02	3.80E-02	4.45E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
YZB125	1.62E-05	5.98E-03	1.38E-03	5.98E-03	0.00E+00	0.00E+00	8.64E-02	8.17E-08	7.96E-06	4.79E-05	0.00E+00	1.44E-04	6.58E-10	1.94E-11	8.95E-04	1.52E-05	4.90E-04	1.33E-09	1.02E-05	2.58E-03	5.57E-02	0.00E+00	7.45E-11	9.70E-11	1.13E-05	2.76E-07	7.42E-03	0.00E+00	5.57E-02	1.39E-10	5.57E-02	6.32E-02	7.42E-03	0.00E+00	0.00E+00	0.00E+00	4.32E-04
YZB316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
YZB320	8.01E-05	4.05E-02	6.56E-03	2.82E-02	0.00E+00	0.00E+00	4.05E-01	3.87E-07	3.73E-05	2.38E-04	0.00E+00	6.94E-04	3.11E-09	9.01E-11	4.17E-03	7.82E-05	2.32E-03	1.32E-08	5.00E-05	1.10E-02	2.71E-01	0.00E+00	3.70E-10	4.77E-10	5.54E-05	1.46E-06	3.62E-02	0.00E+00	2.71E-01	6.57E-10	2.71E-01	3.07E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
YZB325	2.53E-05	1.86E-03	2.36E-03	1.03E-02	0.00E+00	0.00E+00	1.51E-01	1.40E-07	1.39E-05	7.40E-05	0.00E+00	2.40E-04	1.13E-09	3.45E-11	1.57E-03	2.18E-05	8.39E-04	1.57E-08	1.63E-05	5.24E-03	9.03E-02	0.00E+00	1.16E-10	1.54E-10	1.78E-05	3.63E-07	1.20E-02	0.00E+00	9.03E-02	2.38E-10	9.03E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
YZC110	4.63E-05	2.78E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.25E-01	2.17E-07	2.07E-05	1.38E-04	0.00E+00	3.92E-04	1.74E-09	4.96E-11	2.31E-03	4.64E-05	1.30E-03	1.56E-08	2.87E-05	5.66E-03	1.55E-01	0.00E+00	2.14E-10	2.74E-10	3.19E-05	8.85E-07	2.07E-02	0.00E+00	1.55E-01	3.68E-10	1.55E-01	1.76E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
YZC116	1.14E-05	3.45E-03	9.95E-04	4.30E-03	0.00E+00	0.00E+00	6.25E-02	5.88E-08	5.75E-06	3.36E-05	0.00E+00	1.03E-04	4.74E-10	1.41E-11	6.48E-04	1.05E-05	3.53E-04	2.33E-09	7.23E-06	1.94E-03	3.96E-02	0.00E+00	5.24E-11	6.85E-11	7.94E-06	1.87E-07	5.26E-03	0.00E+00	3.96E-02	9.99E-11	3.96E-02	4.48E-02	5.26E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
YZC120	1.62E-06	5.64E-03	3.53E-06	3.28E-05	0.00E+00	0.00E+00	1.85E-03	1.25E-10	1.87E-07	5.35E-06	0.00E+00	4.69E-06	2.91E-12	8.54E-13	2.83E-05	2.86E-06	3.00E-07	9.02E-09	7.88E-07	5.53E-04	3.47E-03	0.00E+00	7.90E-12	8.22E-12	1.01E-06	7.30E-08	5.08E-04	0.00E+00	3.47E-03	3.90E-14	3.47E-03	3.98E-03	5.08E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05
YZC125	1.95E-05	8.26E-03	1.64E-03	7.08E-03	0.00E+00	0.00E+00	1.02E-01	9.69E-08	9.40E-06	5.79E-05	0.00E+00	1.72E-04	7.80E-10	2.29E-11	1.05E-03	1.86E-05	5.81E-04	2.97E-10	1.23E-05	2.94E-03	6.68E-02	0.00E+00	9.00E-11	1.17E-10	1.35E-05	3.42E-07	8.91E-03	0.00E+00	6.68E-02	1.65E-10	6.68E-02	7.57E-02	8.91E-03	0.00E+00	0.00E+00	0.00E+00	5.23E-04
YZC316	4.26E-05	1.64E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.26E-01	2.14E-07	2.08E-05	1.26E-04	0.00E+00	3.79E-04	1.72E-09	5.08E-11	2.34E-03	4.02E-05	1.28E-03	2.29E-09	2.68E-05	6.68E-03	1.46E-01	0.00E+00	1.96E-10	2.55E-10	2.96E-05	7.31E-07	1.95E-02	0.00E+00	1.46E-01	3.64E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
YZC320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
YZC325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MBN116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02

B02813	3.98E-04	7.77E-02	1.43E-04	7.75E-02	0.00E+00	0.00E+00	1.46E-01	2.04E-07	4.85E-05	7.79E-04	0.00E+00	3.39E-03	9.77E-12	2.33E-10	1.12E-01	2.15E-03	0.00E+00	0.00E+00	1.40E-04	1.31E-02	1.96E+00	0.00E+00	3.76E-10	3.20E-09	1.53E-04	3.01E-06	5.18E-01	0.00E+00	1.96E+00	2.75E-08	1.96E+00	2.48E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-03
B02823	3.98E-04	7.77E-02	1.43E-04	7.75E-02	0.00E+00	0.00E+00	1.46E-01	2.04E-07	4.85E-05	7.79E-04	0.00E+00	3.39E-03	9.77E-12	2.33E-10	1.12E-01	2.15E-03	0.00E+00	0.00E+00	1.40E-04	1.31E-02	1.96E+00	0.00E+00	3.76E-10	3.20E-09	1.53E-04	3.01E-06	5.18E-01	0.00E+00	1.96E+00	2.75E-08	1.96E+00	2.48E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-03
B02861	3.98E-04	7.77E-02	1.43E-04	7.75E-02	0.00E+00	0.00E+00	1.46E-01	2.04E-07	4.85E-05	7.79E-04	0.00E+00	3.39E-03	9.77E-12	2.33E-10	1.12E-01	2.15E-03	0.00E+00	0.00E+00	1.40E-04	1.31E-02	1.96E+00	0.00E+00	3.76E-10	3.20E-09	1.53E-04	3.01E-06	5.18E-01	0.00E+00	1.96E+00	2.75E-08	1.96E+00	2.48E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-03
B02870	3.98E-04	7.77E-02	1.43E-04	7.75E-02	0.00E+00	0.00E+00	1.46E-01	2.04E-07	4.85E-05	7.79E-04	0.00E+00	3.39E-03	9.77E-12	2.33E-10	1.12E-01	2.15E-03	0.00E+00	0.00E+00	1.40E-04	1.31E-02	1.96E+00	0.00E+00	3.76E-10	3.20E-09	1.53E-04	3.01E-06	5.18E-01	0.00E+00	1.96E+00	2.75E-08	1.96E+00	2.48E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-03
HLE180S	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HLE280S	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HLE290S	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HLE380S	4.35E-02	8.49E+00	1.56E-02	8.47E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.30E-03	8.51E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.11E-08	3.50E-07	1.67E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.71E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
HLE390S	4.64E-02	9.05E+00	1.66E-02	9.03E+00	0.00E+00	0.00E+00	1.70E+01	2.38E-05	5.65E-03	9.07E-02	0.00E+00	3.95E-01	1.14E-09	2.72E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.53E+00	2.28E+02	0.00E+00	4.38E-08	3.73E-07	1.78E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.20E-06	2.28E+02	2.89E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.93E-01
HLF180S	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HLF190S	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HLF199S	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HLF280S	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HLF290S	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HLF299S	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HLF380S	4.35E-02	8.49E+00	1.56E-02	8.47E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.30E-03	8.51E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.11E-08	3.50E-07	1.67E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.71E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
HLF390S	4.64E-02	9.05E+00	1.66E-02	9.03E+00	0.00E+00	0.00E+00	1.70E+01	2.38E-05	5.65E-03	9.07E-02	0.00E+00	3.95E-01	1.14E-09	2.72E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.53E+00	2.28E+02	0.00E+00	4.38E-08	3.73E-07	1.78E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.20E-06	2.28E+02	2.89E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.93E-01
HLF399S	7.48E-02	1.46E+01	2.68E-02	1.46E+01	0.00E+00	0.00E+00	2.75E+01	3.84E-05	9.10E-03	1.46E-01	0.00E+00	6.36E-01	1.83E-09	4.38E-08	2.09E+01	4.04E-01	0.00E+00	0.00E+00	2.63E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.02E-07	2.87E-02	5.65E-04	9.72E+01	0.00E+00	3.68E+02	5.16E-06	3.68E+02	4.65E+02	9.72E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMB180	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HMB190	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMB199	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMB280	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMB290	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMB299	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMB380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMB480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
HMB490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
HMB499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
HMC180	1.55E-02	2.95E+00	6.53E-02	2.89E+00	0.00E+00	0.00E+00	4.43E+00	7.08E-06	1.81E-03	2.90E-02	0.00E+00	8.16E-02	3.65E-10	8.65E-09	3.86E+00	7.83E-02	0.00E+00	0.00E+00	5.23E-03	4.45E-01	7.08E+01	0.00E+00	1.27E-08	1.21E-07	5.74E-03	1.05E-04	1.66E+01	0.00E+00	7.08E+01	9.58E-07	7.08E+01	8.74E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
HMC180T	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HMC190	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMC190T	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMC199	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMC199T	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMC280	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMC280T	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMC290	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMC290T	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMC299	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMC299T	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMC380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMC390	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
HMC399	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMC480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
HMC490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
HMC499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
HMD180	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HMD180T	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HMD190	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMD190T	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMD199	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMD199T	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMD280	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMD280T	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMD290	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMD290T	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMD299	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMD299T	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMD380T	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMD390T	5.42E-02	1.04E+01	2.29E-01	1.01E+01	0.00E+00	0.00E+00	1.55E+01	2.48E-05	6.34E-03	1.02E-01	0.00E+00	2.86E-01	1.28E-09	3.03E-08	1.35E+01	2.75E-01	0.00E+00	0.00E+00	1.83E-02	1.56E+00	2.48E+02	0.00E+00	4.43E-08	4.24E-07	2.01E-02	3.68E-04	5.81E+01	0.00E+00	2.48E+02	3.36E-06	2.48E+02	3.06E+02	5.81E+01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
HMD399T	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMF180	1.32E-02	2.58E+00	4.74E-03	2.58E+00	0.00E+00	0.00E+00	4.86E+00	6.79E-06	1.61E-03	2.59E-02	0.00E+00	1.13E-01	3.25E-10	7.75E-09	3.71E+00	7.14E-02	0.00E+00	0.00E+00	4.65E-03	4.35E-01	6.51E+01	0.00E+00	1.25E-08	1.06E-07	5.07E-03	9.99E-05	1.72E+01	0.00E+00	6.51E+01	9.12E-07	6.51E+01	8.23E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
HMF180T	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
HMF190	1.39E-02	2.71E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.12E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.87E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.12E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.56E-07	6.82E+01	8.63E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMF190T	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.47E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMF199	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMF199T	2.13E-02	4.15E+00	7.61E-03	4.14E+00	0.00E+00	0.00E+00	7.81E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.21E-10	1.25E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.46E-03	6.99E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.14E-03	1.60E-04	2.76E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
HMF280	2.57E-02	5.01E+00	9.19E-03	4.99E+00	0.00E+00	0.00E+00	9.43E+00	1.32E-05	3.12E-03	5.02E-02	0.00E+00	2.18E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.01E-03	8.44E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.83E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMF280T	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMF290	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMF290T	3.50E-02	6.82E+00	1.25E-02	6.81E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.26E-03	6.84E-02	0.00E+00	2.97E-01	8.57E-10	2.05E-08	9.79E+00	1.89E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
HMF299	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMF299T	4.50E-02	8.77E+00	1.61E-02	8.76E+00	0.00E+00	0.00E+00	1.65E+01	2.31E-05	5.47E-03	8.79E-02	0.00E+00	3.82E-01	1.10E-09	2.63E-08	1.26E+01	2.43E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.62E-07	1.72E-02	3.40E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.80E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.72E-01
HMF380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMF380T	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMF390	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
HMF399T	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMF480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
HMF490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
HMF499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
HMX110	4.74E-03	9.25E-01	1.70E-03	9.24E-01	0.00E+00	0.00E+00	1.75E+00	2.44E-06	5.78E-04	9.28E-03	0.00E+00	4.06E-02	1.16E-10	2.78E-09	1.33E+00	2.56E-02	0.00E+00	0.00E+00	1.67E-03	1.56E-01	2.34E+01	0.00E+00	4.48E-09	3.82E-08	1.82E-03	3.59E-05	6.18E+00	0.00E+00	2.34E+01	3.27E-07	2.34E+01	2.95E+01	6.18E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
HMX116	7.40E-03	1.44E+00	2.65E-03	1.44E+00	0.00E+00	0.00E+00	2.72E+00	3.80E-06	9.01E-04	1.45E-02	0.00E+00	6.30E-02	1.82E-10	4.34E-09	2.07E+00	4.00E-02	0.00E+00	0.00E+00	2.60E-03	2.44E-01	3.64E+01	0.00E+00	6.99E-09	5.96E-08	2.84E-03	5.59E-05	9.63E+00	0.00E+00	3.64E+01	5.10E-07	3.64E+01	4.61E+01	9.63E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
HMX120	4.29E-03	8.37E-01	1.54E-03	8.35E-01	0.00E+00	0.00E+00	1.58E+00	2.20E-06	5.22E-04	8.39E-03	0.00E+00	3.65E-02	1.05E-10	2.51E-09	1.20E+00	2.32E-02	0.00E+00	0.00E+00	1.51E-03	1.41E-01	2.11E+01	0.00E+00	4.05E-09	3.45E-08	1.64E-03	3.24E-05	5.58E+00	0.00E+00	2.11E+01	2.96E-07	2.11E+01	2.67E+01	5.58E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
HMX125	5.50E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.82E-06	6.70E-04	1.08E-02	0.00E+00	4.68E-02	1.35E-10	3.22E-09	1.54E+00	2.97E-02	0.00E+00	0.00E+00	1.93E-03	1.81E-01	2.71E+01	0.00E+00	5.19E-09	4.43E-08	2.11E-03	4.16E-05	7.16E+00	0.00E+00	2.71E+01	3.79E-07	2.71E+01	3.42E+01	7.16E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-02
HMX132	6.17E-03	1.20E+00	2.21E-03	1.20E+00	0.00E+00	0.00E+00	2.27E+00	3.17E-06	7.51E-04	1.21E-02	0.00E+00	5.25E-02	1.51E-10	3.62E-09	1.73E+00	3.33E-02	0.00E+00	0.00E+00	2.17E-03	2.03E-01	3.04E+01	0.00E+00	5.83E-09	4.97E-08	2.37E-03	4.66E-05	8.03E+00	0.00E+00	3.04E+01	4.26E-07	3.04E+01	3.84E+01	8.03E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-02

HMX150	8.31E-03	1.62E+00	2.98E-03	1.62E+00	0.00E+00	0.00E+00	3.05E+00	4.26E-06	1.01E-03	1.62E-02	0.00E+00	7.07E-02	2.04E-10	4.87E-09	2.33E+00	4.48E-02	0.00E+00	0.00E+00	2.92E-03	2.73E-01	4.09E+01	0.00E+00	7.84E-09	6.69E-08	3.18E-03	6.27E-05	1.08E+01	0.00E+00	4.09E+01	5.73E-07	4.09E+01	5.17E+01	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.24E-01
HMX163	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
HMX216	1.55E-02	3.02E+00	5.55E-03	3.01E+00	0.00E+00	0.00E+00	5.69E+00	7.94E-06	1.88E-03	3.03E-02	0.00E+00	1.32E-01	3.80E-10	9.07E-09	4.34E+00	8.35E-02	0.00E+00	0.00E+00	5.44E-03	5.09E-01	7.62E+01	0.00E+00	1.46E-08	1.25E-07	5.93E-03	1.17E-04	2.01E+01	0.00E+00	7.62E+01	1.07E-06	7.62E+01	9.63E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.31E-01
HMX220	8.47E-03	1.65E+00	3.04E-03	1.65E+00	0.00E+00	0.00E+00	3.11E+00	4.35E-06	1.03E-03	1.66E-02	0.00E+00	7.21E-02	2.08E-10	4.96E-09	2.37E+00	4.57E-02	0.00E+00	0.00E+00	2.97E-03	2.79E-01	4.17E+01	0.00E+00	8.00E-09	6.82E-08	3.25E-03	6.40E-05	1.10E+01	0.00E+00	4.17E+01	5.84E-07	4.17E+01	5.27E+01	1.10E+01	0.00E+00	0.00E+00	0.00E+00	1.27E-01
HMX225	5.40E-03	1.05E+00	1.93E-03	1.05E+00	0.00E+00	0.00E+00	1.98E+00	2.77E-06	6.57E-04	1.05E-02	0.00E+00	4.59E-02	1.32E-10	3.16E-09	1.51E+00	2.91E-02	0.00E+00	0.00E+00	1.89E-03	1.77E-01	2.65E+01	0.00E+00	5.09E-09	4.34E-08	2.07E-03	4.07E-05	7.02E+00	0.00E+00	2.65E+01	3.72E-07	2.65E+01	3.36E+01	7.02E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02
HMX232	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
HMX240	1.56E-02	3.04E+00	5.58E-03	3.03E+00	0.00E+00	0.00E+00	5.73E+00	8.00E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.82E-10	9.13E-09	4.37E+00	8.41E-02	0.00E+00	0.00E+00	5.47E-03	5.13E-01	7.67E+01	0.00E+00	1.47E-08	1.25E-07	5.97E-03	1.18E-04	2.03E+01	0.00E+00	7.67E+01	1.07E-06	7.67E+01	9.70E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
HMX250	1.60E-02	3.12E+00	5.72E-03	3.11E+00	0.00E+00	0.00E+00	5.87E+00	8.19E-06	1.94E-03	3.12E-02	0.00E+00	1.36E-01	3.92E-10	9.35E-09	4.47E+00	8.62E-02	0.00E+00	0.00E+00	5.61E-03	5.25E-01	7.86E+01	0.00E+00	1.51E-08	1.28E-07	6.12E-03	1.21E-04	2.08E+01	0.00E+00	7.86E+01	1.10E-06	7.86E+01	9.93E+01	2.08E+01	0.00E+00	0.00E+00	0.00E+00	2.39E-01
HMX263	2.32E-02	4.52E+00	8.31E-03	4.52E+00	0.00E+00	0.00E+00	8.52E+00	1.19E-05	2.82E-03	4.54E-02	0.00E+00	1.97E-01	5.69E-10	1.36E-08	6.50E+00	1.25E-01	0.00E+00	0.00E+00	8.14E-03	7.63E-01	1.14E+02	0.00E+00	2.19E-08	1.87E-07	8.89E-03	1.75E-04	3.02E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.44E+02	3.02E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
HMX310	1.46E-02	2.84E+00	5.21E-03	2.83E+00	0.00E+00	0.00E+00	5.35E+00	7.47E-06	1.77E-03	2.85E-02	0.00E+00	1.24E-01	3.57E-10	8.53E-09	4.08E+00	7.85E-02	0.00E+00	0.00E+00	5.11E-03	4.79E-01	7.16E+01	0.00E+00	1.37E-08	1.17E-07	5.58E-03	1.10E-04	1.89E+01	0.00E+00	7.16E+01	1.00E-06	7.16E+01	9.06E+01	1.89E+01	0.00E+00	0.00E+00	0.00E+00	2.18E-01
HMX316	2.31E-02	4.51E+00	8.29E-03	4.50E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.82E-03	4.52E-02	0.00E+00	1.97E-01	5.67E-10	1.36E-08	6.48E+00	1.25E-01	0.00E+00	0.00E+00	8.12E-03	7.61E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.86E-03	1.75E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.46E-01
HMX320	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
HMX325	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
HMX332	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
HMX340	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
HMX350	2.45E-02	4.79E+00	8.79E-03	4.78E+00	0.00E+00	0.00E+00	9.01E+00	1.26E-05	2.99E-03	4.80E-02	0.00E+00	2.09E-01	6.02E-10	1.44E-08	6.87E+00	1.32E-01	0.00E+00	0.00E+00	8.61E-03	8.07E-01	1.21E+02	0.00E+00	2.32E-08	1.97E-07	9.40E-03	1.85E-04	3.19E+01	0.00E+00	1.21E+02	1.69E-06	1.21E+02	1.53E+02	3.19E+01	0.00E+00	0.00E+00	0.00E+00	3.67E-01
HMX363	3.47E-02	6.78E+00	1.24E-02	6.76E+00	0.00E+00	0.00E+00	1.28E+01	1.78E-05	4.23E-03	6.79E-02	0.00E+00	2.95E-01	8.52E-10	2.04E-08	9.73E+00	1.87E-01	0.00E+00	0.00E+00	1.22E-02	1.14E+00	1.71E+02	0.00E+00	3.28E-08	2.80E-07	1.33E-02	2.62E-04	4.52E+01	0.00E+00	1.71E+02	2.39E-06	1.71E+02	2.16E+02	4.52E+01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MA100Z	2.35E-04	4.59E-02	8.43E-05	4.58E-02	0.00E+00	0.00E+00	8.65E-02	1.21E-07	2.86E-05	4.60E-04	0.00E+00	2.00E-03	5.77E-12	1.38E-10	6.59E-02	1.27E-03	0.00E+00	0.00E+00	8.26E-05	7.74E-03	1.16E+00	0.00E+00	2.22E-10	1.89E-09	9.02E-05	1.78E-06	3.06E-01	0.00E+00	1.16E+00	1.62E-08	1.16E+00	1.46E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	3.52E-03
MA101Z	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MA102Z	2.86E-03	5.58E-01	1.02E-03	5.57E-01	0.00E+00	0.00E+00	1.05E+00	1.47E-06	3.48E-04	5.59E-03	0.00E+00	2.43E-02	7.02E-11	1.68E-09	8.01E-01	1.54E-02	0.00E+00	0.00E+00	1.00E-03	9.41E-02	1.41E+01	0.00E+00	2.70E-09	2.30E-08	1.10E-03	2.16E-05	3.72E+00	0.00E+00	1.41E+01	1.97E-07	1.41E+01	1.78E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02
MA103Z	4.09E-03	7.98E-01	1.47E-03	7.97E-01	0.00E+00	0.00E+00	1.50E+00	2.10E-06	4.98E-04	8.00E-03	0.00E+00	3.48E-02	1.00E-10	2.40E-09	1.15E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.01E+01	0.00E+00	3.86E-09	3.29E-08	1.57E-03	3.09E-05	5.32E+00	0.00E+00	2.01E+01	2.82E-07	2.01E+01	2.55E+01	5.32E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-02
MA104Z	4.13E-03	8.05E-01	1.48E-03	8.04E-01	0.00E+00	0.00E+00	1.52E+00	2.12E-06	5.02E-04	8.07E-03	0.00E+00	3.51E-02	1.01E-10	2.42E-09	1.16E+00	2.23E-02	0.00E+00	0.00E+00	1.45E-03	1.36E-01	2.03E+01	0.00E+00	3.90E-09	3.32E-08	1.58E-03	3.12E-05	5.37E+00	0.00E+00	2.03E+01	2.85E-07	2.03E+01	2.57E+01	5.37E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-02
MA106Z	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MA110Z	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MA116Z	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MA120Z	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MA125Z	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MA132Z	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MA140Z	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MA150Z	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MA163Z	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MA200Z	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
MA201Z	4.65E-03	9.08E-01	1.67E-03	9.06E-01	0.00E+00	0.00E+00	1.71E+00	2.39E-06	5.66E-04	9.10E-03	0.00E+00	3.96E-02	1.14E-10	2.73E-09	1.30E+00	2.51E-02	0.00E+00	0.00E+00	1.63E-03	1.53E-01	2.29E+01	0.00E+00	4.39E-09	3.74E-08	1.78E-03	3.51E-05	6.05E+00	0.00E+00	2.29E+01	3.21E-07	2.29E+01	2.89E+01	6.05E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
MA202Z	6.01E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.21E+00	3.08E-06	7.32E-04	1.18E-02	0.00E+00	5.11E-02	1.47E-10	3.52E-09	1.68E+00	3.24E-02	0.00E+00	0.00E+00	2.11E-03	1.98E-01	2.96E+01	0.00E+00	5.67E-09	4.84E-08	2.30E-03	4.54E-05	7.82E+00	0.00E+00	2.96E+01	4.14E-07	2.96E+01	3.74E+01	7.82E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-02
MA203Z	8.33E-03	1.62E+00	2.98E-03	1.62E+00	0.00E+00	0.00E+00	3.06E+00	4.27E-06	1.01E-03	1.63E-02	0.00E+00	7.08E-02	2.04E-10	4.88E-09	2.33E+00	4.49E-02	0.00E+00	0.00E+00	2.92E-03	2.74E-01	4.10E+01	0.00E+00	7.86E-09	6.70E-08	3.19E-03	6.29E-05	1.08E+01	0.00E+00	4.10E+01	5.74E-07	4.10E+01	5.18E+01	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.24E-01
MA204Z	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MA206Z	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MA210Z	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MA216Z	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MA220Z	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MA225Z	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MA232Z	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MA240Z	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MA250Z	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MA263Z	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MA300Z	7.35E-03	1.43E+00	2.63E-03	1.43E+00	0.00E+00	0.00E+00	2.70E+00	3.77E-06	8.95E-04	1.44E-02	0.00E+00	6.25E-02	1.80E-10	4.31E-09	2.06E+00	3.97E-02	0.00E+00	0.00E+00	2.58E-03	2.42E-01	3.62E+01	0.00E+00	6.94E-09	5.91E-08	2.82E-03	5.55E-05	9.56E+00	0.00E+00	3.62E+01	5.07E-07	3.62E+01	4.57E+01	9.56E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
MA301Z	6.95E-03	1.36E+00	2.49E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.57E-06	8.46E-04	1.36E-02	0.00E+00	5.91E-02	1.71E-10	4.07E-09	1.95E+00	3.75E-02	0.00E+00	0.00E+00	2.44E-03	2.29E-01	3.42E+01	0.00E+00	6.56E-09	5.59E-08	2.66E-03	5.25E-05	9.04E+00	0.00E+00	3.42E+01	4.79E-07	3.42E+01	4.33E+01	9.04E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
MA302Z	9.11E-03	1.78E+00	3.26E-03	1.77E+00	0.00E+00	0.00E+00	3.35E+00	4.67E-06	1.11E-03	1.78E-02	0.00E+00	7.75E-02	2.23E-10	5.33E-09	2.55E+00	4.91E-02	0.00E+00	0.00E+00	3.20E-03	3.00E-01	4.48E+01	0.00E+00	8.59E-09	7.33E-08	3.49E-03	6.88E-05	1.18E+01	0.00E+00	4.48E+01	6.28E-07	4.48E+01	5.67E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
MA303Z	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MA304Z	1.22E-02	2.38E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.49E+00	6.27E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.16E-09	3.42E+00	6.59E-02	0.00E+00	0.00E+00	4.29E-03	4.02E-01	6.01E+01	0.00E+00	1.15E-08	9.83E-08	4.68E-03	9.23E-05	1.59E+01	0.00E+00	6.01E+01	8.42E-07	6.01E+01	7.60E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MA306Z	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MA310Z	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MA316Z	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MA320Z	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MA325Z	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MA332Z	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MA340Z	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MA350Z	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MA363Z	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MA400Z	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MA401Z	9.18E-03	1.79E+00	3.29E-03	1.79E+00	0.00E+00	0.00E+00	3.37E+00	4.71E-06	1.12E-03	1.79E-02	0.00E+00	7.81E-02	2.25E-10	5.38E-09	2.57E+00	4.95E-02	0.00E+00	0.00E+00	3.22E-03	3.02E-01	4.52E+01	0.00E+00	8.66E-09	7.38E-08	3.52E-03	6.93E-05	1.19E+01	0.00E+00	4.52E+01	6.33E-07	4.52E+01	5.71E+01	1.19E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MA402Z	1.21E-02	2.37E+00	4.35E-03	2.36E+00	0.00E+00	0.00E+00	4.46E+00	6.22E-06	1.48E-03	2.37E-02	0.00E+00	1.03E-01	2.97E-10	7.11E-09	3.40E+00	6.55E-02	0.00E+00	0.00E+00	4.26E-03	3.99E-01	5.97E+01	0.00E+00	1.14E-08	9.76E-08	4.65E-03	9.16E-05	1.58E+01	0.00E+00	5.97E+01	8.36E-07	5.97E+01	7.55E+01	1.58E+01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
MA403Z	1.70E-02	3.32E+00	6.10E-03	3.31E+00	0.00E+00	0.00E+00	6.25E+00	8.73E-06	2.07E-03	3.33E-02	0.00E+00	1.45E-01	4.17E-10	9.97E-09	4.77E+00	9.18E-02	0.00E+00	0.00E+00	5.98E-03	5.60E-01	8.37E+01	0.00E+00	1.61E-08	1.37E-07	6.52E-03	1.28E-04	2.21E+01	0.00E+00	8.37E+01	1.17E-06	8.37E+01	1.06E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	2.54E-01
MA404Z	1.64E-02	3.20E+00	5.88E-03	3.20E+00	0.00E+00	0.00E+00	6.03E+00	8.42E-06	2.00E-03	3.21E-02	0.00E+00	1.40E-01	4.03E-10	9.62E-09	4.60E+00	8.86E-02	0.00E+00	0.00E+00	5.77E-03	5.40E-01	8.08E+01	0.00E+00	1.55E-08	1.32E-07	6.29E-03	1.24E-04	2.14E+01	0.00E+00	8.08E+01	1.13E-06	8.08E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.45E-01
MA406Z	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MA416Z	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MA420Z	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MA425Z	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MA432Z	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MA440Z	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MA450Z	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MA463Z	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MB106A	3.51E-03	6.85E-01	1.26E-03	6.84E-01	0.00E+00	0.00E+00	1.29E+00	1.80E-06	4.28E-04	6.87E-03	0.00E+00	2.99E-02	8.61E-11	2.06E-09	9.84E-01	1.90E-02	0.00E+00	0.00E+00	1.23E-03	1.16E-01	1.73E+01	0.00E+00	3.31E-09	2.83E-08	1.35E-03	2.65E-05	4.57E+00	0.00E+00	1.73E+01	2.42E-07	1.73E+01	2.19E+01	4.57E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02
MB110A	5.88E-03	1.15E+00	2.11E-03	1.15E+00	0.00E+00	0.00E+00	2.16E+00	3.02E-06	7.16E-04	1.15E-02	0.00E+00	5.00E-02	1.44E-10	3.45E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.07E-03	1.94E-01	2.90E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.65E+00	0.00E+00	2.90E+01	4.06E-07	2.90E+01	3.66E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
MB113A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MB116A	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MB120A	5.97E-03	1.17E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.27E-04	1.17E-02	0.00E+00	5.08E-02	1.47E-10	3.50E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.94E+01	0.00E+00	5.64E-09	4.81E-08	2.29E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.12E-07	2.94E+01	3.72E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
MB125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MB132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MB140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MB150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MB163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MB197	3.99E-03	7.79E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.81E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
MB199	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
MB206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02

MB210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MB213A	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MB216A	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MB220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MB225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MB232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MB240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MB250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MB263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MB306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MB310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MB313A	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MB316A	1.36E-02	2.65E+00	4.86E-03	2.64E+00	0.00E+00	0.00E+00	4.98E+00	6.96E-06	1.65E-03	2.65E-02	0.00E+00	1.15E-01	3.33E-10	7.94E-09	3.80E+00	7.32E-02	0.00E+00	0.00E+00	4.76E-03	4.46E-01	6.67E+01	0.00E+00	1.28E-08	1.09E-07	5.20E-03	1.02E-04	1.76E+01	0.00E+00	6.67E+01	9.35E-07	6.67E+01	8.44E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.03E-01
MB320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MB325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MB332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MB340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MB350A	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MB363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MB406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MB410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MB413A	1.88E-02	3.68E+00	6.75E-03	3.67E+00	0.00E+00	0.00E+00	6.93E+00	9.67E-06	2.29E-03	3.69E-02	0.00E+00	1.60E-01	4.62E-10	1.10E-08	5.28E+00	1.02E-01	0.00E+00	0.00E+00	6.62E-03	6.20E-01	9.27E+01	0.00E+00	1.78E-08	1.52E-07	7.22E-03	1.42E-04	2.45E+01	0.00E+00	9.27E+01	1.30E-06	9.27E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
MB416A	2.84E-02	5.54E+00	1.02E-02	5.53E+00	0.00E+00	0.00E+00	1.04E+01	1.46E-05	3.46E-03	5.55E-02	0.00E+00	2.42E-01	6.97E-10	1.66E-08	7.96E+00	1.53E-01	0.00E+00	0.00E+00	9.97E-03	9.34E-01	1.40E+02	0.00E+00	2.68E-08	2.29E-07	1.09E-02	2.14E-04	3.69E+01	0.00E+00	1.40E+02	1.96E-06	1.40E+02	1.77E+02	3.69E+01	0.00E+00	0.00E+00	0.00E+00	4.24E-01
MB420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MB425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MB432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MB440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MB450A	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MB463A	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MB506A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MB510A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MB513A	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MB516A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MB520A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MB525A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MB532A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MB540A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MB563A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MBA106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
MBA110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
MBA113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
MBA116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
MBA120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
MBA125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
MBA132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
MBA150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
MBA163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MBA206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
MBA210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MBA216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MBA220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MBA225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MBA232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MBA240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBA250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MBA263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MBA306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
MBA310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
MBA313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
MBA316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MBA320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
MBA325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
MBA332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MBA340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBA350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MBA363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MBA406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
MBA410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MBA416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
MBA420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
MBA425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
MBA432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
MBA440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
MBA450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MBA463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MBA510	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MBA516	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MBA520	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MBA525	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MBA540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN006	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MBN010	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MBN013	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBN016	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MBN020	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02

MBN025	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MBN032	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MBN040	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MBN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MBN106E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MBN106W	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MBN110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBN110E	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBN110P	5.88E-03	1.15E+00	2.11E-03	1.15E+00	0.00E+00	0.00E+00	2.16E+00	3.02E-06	7.16E-04	1.15E-02	0.00E+00	5.00E-02	1.44E-10	3.45E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.07E-03	1.94E-01	2.90E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.65E+00	0.00E+00	2.90E+01	4.06E-07	2.90E+01	3.66E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
MBN110W	5.88E-03	1.15E+00	2.11E-03	1.15E+00	0.00E+00	0.00E+00	2.16E+00	3.02E-06	7.16E-04	1.15E-02	0.00E+00	5.00E-02	1.44E-10	3.45E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.07E-03	1.94E-01	2.90E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.65E+00	0.00E+00	2.90E+01	4.06E-07	2.90E+01	3.66E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
MBN113	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MBN113E	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBN116E	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MBN116P	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MBN116W	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MBN120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MBN120E	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MBN120P	5.97E-03	1.17E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.27E-04	1.17E-02	0.00E+00	5.08E-02	1.47E-10	3.50E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.94E+01	0.00E+00	5.64E-09	4.81E-08	2.29E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.12E-07	2.94E+01	3.72E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
MBN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MBN125E	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MBN125W	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MBN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MBN132E	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MBN132W	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MBN140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MBN140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MBN140E	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MBN140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MBN140W	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MBN150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN150E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN150W	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MBN163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MBN163E	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MBN163W	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MBN206	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBN206E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN206P	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBN210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN213	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN213E	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN216	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN216A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN216P	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MBN220	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN220A	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN220E	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN220P	1.19E-02	2.33E+00	4.27E-03	2.32E+00	0.00E+00	0.00E+00	4.38E+00	6.12E-06	1.45E-03	2.33E-02	0.00E+00	1.01E-01	2.93E-10	6.99E-09	3.34E+00	6.44E-02	0.00E+00	0.00E+00	4.19E-03	3.92E-01	5.87E+01	0.00E+00	1.13E-08	9.60E-08	4.57E-03	9.01E-05	1.55E+01	0.00E+00	5.87E+01	8.22E-07	5.87E+01	7.42E+01	1.55E+01	0.00E+00	0.00E+00	0.00E+00	1.78E-01
MBN225	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN225A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN225E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN225P	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN232	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBN232A	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBN232E	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBN232P	1.92E-02	3.75E+00	6.89E-03	3.75E+00	0.00E+00	0.00E+00	7.07E+00	9.87E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.50E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBN240	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MBN240A	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MBN240E	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MBN240P	2.25E-02	4.39E+00	8.07E-03	4.38E+00	0.00E+00	0.00E+00	8.28E+00	1.16E-05	2.74E-03	4.40E-02	0.00E+00	1.92E-01	5.52E-10	1.32E-08	6.31E+00	1.22E-01	0.00E+00	0.00E+00	7.91E-03	7.41E-01	1.11E+02	0.00E+00	2.13E-08	1.81E-07	8.63E-03	1.70E-04	2.93E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	3.37E-01
MBN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MBN250A	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN250E	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN250P	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MBN263A	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MBN263E	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MBN263P	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MBN306	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN306A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN306E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN306P	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MBN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01

MBN310E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN310P	1.24E-02	2.43E+00	4.46E-03	2.42E+00	0.00E+00	0.00E+00	4.57E+00	6.38E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.29E-09	3.48E+00	6.71E-02	0.00E+00	0.00E+00	4.37E-03	4.09E-01	6.12E+01	0.00E+00	1.17E-08	1.00E-07	4.77E-03	9.39E-05	1.62E+01	0.00E+00	6.12E+01	8.57E-07	6.12E+01	7.74E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MBN313	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN313E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN316A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN316E	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
MBN316P	1.36E-02	2.65E+00	4.86E-03	2.64E+00	0.00E+00	0.00E+00	4.98E+00	6.96E-06	1.65E-03	2.65E-02	0.00E+00	1.15E-01	3.33E-10	7.94E-09	3.80E+00	7.32E-02	0.00E+00	0.00E+00	4.76E-03	4.46E-01	6.67E+01	0.00E+00	1.28E-08	1.09E-07	5.20E-03	1.02E-04	1.76E+01	0.00E+00	6.67E+01	9.35E-07	6.67E+01	8.44E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.03E-01
MBN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN320A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBN320E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN320P	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN325A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBN325E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN325P	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN332A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MBN332E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN332P	2.79E-02	5.44E+00	9.98E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.45E-02	0.00E+00	2.37E-01	6.83E-10	1.63E-08	7.80E+00	1.50E-01	0.00E+00	0.00E+00	9.78E-03	9.16E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MBN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN340A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MBN340E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN340P	3.61E-02	7.05E+00	1.29E-02	7.04E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.07E-02	0.00E+00	3.07E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.70E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.70E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN350	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MBN350A	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MBN350E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN350P	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MBN363	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MBN363A	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MBN363E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBN363P	3.91E-02	7.63E+00	1.40E-02	7.62E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.33E-01	9.60E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.69E-08	3.15E-07	1.50E-02	2.95E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.43E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MBN406	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MBN406E	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MBN406P	1.07E-02	2.09E+00	3.84E-03	2.09E+00	0.00E+00	0.00E+00	3.94E+00	5.50E-06	1.30E-03	2.10E-02	0.00E+00	9.12E-02	2.63E-10	6.28E-09	3.00E+00	5.78E-02	0.00E+00	0.00E+00	3.76E-03	3.53E-01	5.27E+01	0.00E+00	1.01E-08	8.62E-08	4.11E-03	8.09E-05	1.39E+01	0.00E+00	5.27E+01	7.39E-07	5.27E+01	6.67E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MBN410	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MBN410E	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MBN410P	1.67E-02	3.27E+00	6.00E-03	3.26E+00	0.00E+00	0.00E+00	6.15E+00	8.59E-06	2.04E-03	3.27E-02	0.00E+00	1.42E-01	4.11E-10	9.81E-09	4.69E+00	9.04E-02	0.00E+00	0.00E+00	5.88E-03	5.51E-01	8.24E+01	0.00E+00	1.58E-08	1.35E-07	6.42E-03	1.26E-04	2.18E+01	0.00E+00	8.24E+01	1.15E-06	8.24E+01	1.04E+02	2.18E+01	0.00E+00	0.00E+00	0.00E+00	2.50E-01
MBN413	1.95E-02	3.80E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.16E+00	9.99E-06	2.37E-03	3.81E-02	0.00E+00	1.66E-01	4.78E-10	1.14E-08	5.46E+00	1.05E-01	0.00E+00	0.00E+00	6.84E-03	6.41E-01	9.59E+01	0.00E+00	1.84E-08	1.57E-07	7.46E-03	1.47E-04	2.53E+01	0.00E+00	9.59E+01	1.34E-06	9.59E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MBN413E	1.95E-02	3.80E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.16E+00	9.99E-06	2.37E-03	3.81E-02	0.00E+00	1.66E-01	4.78E-10	1.14E-08	5.46E+00	1.05E-01	0.00E+00	0.00E+00	6.84E-03	6.41E-01	9.59E+01	0.00E+00	1.84E-08	1.57E-07	7.46E-03	1.47E-04	2.53E+01	0.00E+00	9.59E+01	1.34E-06	9.59E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MBN416	2.31E-02	4.51E+00	8.28E-03	4.50E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.52E-02	0.00E+00	1.97E-01	5.67E-10	1.35E-08	6.48E+00	1.25E-01	0.00E+00	0.00E+00	8.12E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.86E-03	1.75E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MBN416E	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MBN416P	2.84E-02	5.54E+00	1.02E-02	5.53E+00	0.00E+00	0.00E+00	1.04E+01	1.46E-05	3.46E-03	5.55E-02	0.00E+00	2.42E-01	6.97E-10	1.66E-08	7.96E+00	1.53E-01	0.00E+00	0.00E+00	9.97E-03	9.34E-01	1.40E+02	0.00E+00	2.68E-08	2.29E-07	1.09E-02	2.14E-04	3.69E+01	0.00E+00	1.40E+02	1.96E-06	1.40E+02	1.77E+02	3.69E+01	0.00E+00	0.00E+00	0.00E+00	4.24E-01
MBN420	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.24E-01	1.23E+02	0.00E+00	2.36E-08	2.02E-07	9.60E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MBN420E	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.24E-01	1.23E+02	0.00E+00	2.36E-08	2.02E-07	9.60E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MBN420P	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.25E-01	1.23E+02	0.00E+00	2.37E-08	2.02E-07	9.61E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MBN425	2.87E-02	5.60E+00	1.03E-02	5.59E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.49E-03	5.61E-02	0.00E+00	2.44E-01	7.04E-10	1.68E-08	8.04E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.44E-01	1.41E+02	0.00E+00	2.71E-08	2.31E-07	1.10E-02	2.17E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.79E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.29E-01
MBN425E	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MBN425P	2.86E-02	5.58E+00	1.02E-02	5.57E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.48E-03	5.59E-02	0.00E+00	2.43E-01	7.01E-10	1.67E-08	8.01E+00	1.54E-01	0.00E+00	0.00E+00	1.00E-02	9.40E-01	1.41E+02	0.00E+00	2.70E-08	2.30E-07	1.10E-02	2.16E-04	3.72E+01	0.00E+00	1.41E+02	1.97E-06	1.41E+02	1.78E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MBN432	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MBN432E	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MBN432P	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MBN440	4.80E-02	9.36E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.08E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MBN440E	4.80E-02	9.36E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.08E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MBN440P	4.80E-02	9.37E+00	1.72E-02	9.35E+00	0.00E+00	0.00E+00	1.77E+01	2.46E-05	5.85E-03	9.40E-02	0.00E+00	4.09E-01	1.18E-09	2.81E-08	1.35E+01	2.59E-01	0.00E+00	0.00E+00	1.69E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.87E-07	1.84E-02	3.63E-04	6.25E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.99E+02	6.25E+01	0.00E+00	0.00E+00	0.00E+00	7.18E-01
MBN450	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MBN450E	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MBN450P	4.23E-02	8.25E+00	1.52E-02	8.23E+00	0.00E+00	0.00E+00	1.55E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.60E-01	1.04E-09	2.48E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.99E-08	3.40E-07	1.62E-02	3.19E-04	5.50E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.50E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MBN463	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MBN463E	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MBN463P	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.53E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.12E+01	0.00E+00	2.70E+02	3.77E-06	2.70E+02	3.41E+02	7.12E+01	0.00E+00	0.00E+00	0.00E+00	8.18E-01
MBN506	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBN506E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN510	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN513	1.45E-02	2.83E+00	5.20E-03	2.82E+00	0.00E+00	0.00E+00	5.33E+00	7.44E-06	1.77E-03	2.84E-02	0.00E+00	1.23E-01	3.56E-10	8.50E-09	4.06E+00	7.82E-02	0.00E+00	0.00E+00	5.09E-03	4.77E-01	7.14E+01	0.00E+00	1.37E-08	1.17E-07	5.56E-03	1.09E-04	1.89E+01	0.00E+00	7.14E+01	1.00E-06	7.14E+01	9.02E+01	1.89E+01	0.00E+00	0.00E+00	0.00E+00	2.17E-01
MBN513E	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN516	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MBN516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN520	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN525	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN532	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBN532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN540	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MBN540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN550	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MBN550E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN563	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MBN563E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN606	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN606E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN610	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MBN610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01

MBN613	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN613E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN620	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBN620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN625	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBN625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN632	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MBN632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN640	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MBN640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN650	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MBN650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN663	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MBN663E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBS006C	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MBS010C	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MBS013C	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MBS016C	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MBS106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBS110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBS113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MBS116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MBS120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MBS120W	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MBS125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBS132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBS140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBS150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBS206C	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBS206E	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBS210C	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS210E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS213C	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBS216C	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS216E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS220E	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS225E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS232E	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBS263E	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MBS306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS310C	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MBS313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS313C	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS316	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
MBS316C	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS320W	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBS325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBS332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBS340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBS363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBS506	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBS506E	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MBS510	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS510E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS513	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBS516	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS516E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS520	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS520E	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS525	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS525E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS532	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBS532E	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MBS540E	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MBS550E	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBS563E	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MBS606	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS606E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS610	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MBS610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS613	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS620	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBS620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS625	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBS625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBS632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBS632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01

MBS640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBS663E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MC100A	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MC101A	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MC102A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MC103A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MC104A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MC106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MC106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MC110A	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MC110P	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MC113A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MC116A	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MC116P	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MC120A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MC120P	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MC125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MC125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MC132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MC132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MC140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MC140P	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MC150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MC150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MC163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MC163P	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MC201A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MC202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MC203A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MC204A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MC206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MC206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MC210A	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MC210P	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MC213A	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MC216A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MC216P	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MC220A	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MC220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MC225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MC225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MC232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MC232P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MC240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MC240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MC250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MC263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MC263P	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MC301A	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
MC302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MC303A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MC304A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MC306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MC306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MC310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MC310P	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MC313A	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MC316A	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
MC316P	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
MC320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MC325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MC325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MC332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MC332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MC340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MC340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MC350A	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MC350P	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MC363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MC363P	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MC400A	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MC402A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MC403A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MC404A	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MC406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MC410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MC413A	1.88E-02	3.68E+00	6.75E-03	3.67E+00	0.00E+00	0.00E+00	6.93E+00	9.67E-06	2.29E-03	3.69E-02	0.00E+00	1.60E-01	4.62E-10	1.10E-08	5.28E+00	1.02E-01	0.00E+00	0.00E+00	6.62E-03	6.20E-01	9.27E+01	0.00E+00	1.78E-08	1.52E-07	7.22E-03	1.42E-04	2.45E+01	0.00E+00	9.27E+01	1.30E-06	9.27E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.82E-01
MC416A	1.87E-02	3.65E+00	6.71E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.60E-06	2.28E-03	3.66E-02	0.00E+00	1.59E-01	4.59E-10	1.10E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.57E-03	6.16E-01	9.21E+01	0.00E+00	1.77E-08	1.51E-07	7.17E-03	1.41E-04	2.43E+01	0.00E+00	9.21E+01	1.29E-06	9.21E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.80E-01
MC420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MC420P	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MC425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MC425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MC432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01

MC432P	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MC440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MC440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MC450A	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MC450P	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MC463A	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MC463P	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MC506A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MC510A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MC513A	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MC516A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MC520A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MC525A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MC532A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MC540A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MC563A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MCA100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
MCA101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
MCA102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
MCA103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
MCA104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
MCA106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
MCA110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
MCA113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
MCA116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
MCA120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
MCA125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
MCA132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
MCA140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
MCA150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
MCA163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MCA200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
MCA201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
MCA202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCA203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCA204	1.14E-02	2.23E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.88E-06	1.39E-03	2.24E-02	0.00E+00	9.79E-02	2.81E-10	6.71E-09	3.21E+00	6.18E-02	0.00E+00	0.00E+00	4.02E-03	3.77E-01	5.64E+01	0.00E+00	1.08E-08	9.21E-08	4.39E-03	8.66E-05	1.49E+01	0.00E+00	5.64E+01	7.90E-07	5.64E+01	7.13E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA206	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
MCA210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MCA213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCA216	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA220	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MCA225	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MCA232	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MCA240	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCA250	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.38E-01
MCA263	2.80E-02	5.46E+00	1.00E-02	5.45E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.47E-02	0.00E+00	2.39E-01	6.87E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.83E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.25E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MCA300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCA301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
MCA302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
MCA303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MCA304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCA306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
MCA310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
MCA313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
MCA316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
MCA320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
MCA325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
MCA332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MCA340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCA350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MCA363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MCA400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MCA401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
MCA402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
MCA403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCA404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
MCA406	1.16E-02	2.27E+00	4.17E-03	2.26E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.27E-02	0.00E+00	9.94E-02	2.85E-10	6.81E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.08E-03	3.83E-01	5.72E+01	0.00E+00	1.10E-08	9.35E-08	4.45E-03	8.79E-05	1.51E+01	0.00E+00	5.72E+01	8.02E-07	5.72E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
MCA410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MCA413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MCA416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
MCA420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
MCA425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MCA432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
MCA440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
MCA450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
MCA463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MCA506	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
MCA510	9.47E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MCA513	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCA516	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA520	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MCA525	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MCA532	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MCA540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCA550	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01

MCA563	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCA610	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MCA613	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MCA616	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
MCA620	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
MCA625	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
MCA632	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
MCA650	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MCA663	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MCB313	2.13E-02	4.15E+00	7.63E-03	4.15E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.59E-03	4.16E-02	0.00E+00	1.81E-01	5.22E-10	1.25E-08	5.96E+00	1.15E-01	0.00E+00	0.00E+00	7.48E-03	7.00E-01	1.05E+02	0.00E+00	2.01E-08	1.71E-07	8.16E-03	1.61E-04	2.77E+01	0.00E+00	1.05E+02	1.47E-06	1.05E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
MCB316	2.17E-02	4.23E+00	7.76E-03	4.22E+00	0.00E+00	0.00E+00	7.96E+00	1.11E-05	2.64E-03	4.24E-02	0.00E+00	1.84E-01	5.32E-10	1.27E-08	6.07E+00	1.17E-01	0.00E+00	0.00E+00	7.61E-03	7.13E-01	1.07E+02	0.00E+00	2.05E-08	1.74E-07	8.30E-03	1.64E-04	2.82E+01	0.00E+00	1.07E+02	1.49E-06	1.07E+02	1.35E+02	2.82E+01	0.00E+00	0.00E+00	0.00E+00	3.24E-01
MCC313	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.54E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.21E-03	6.75E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MCC316	2.34E-02	4.57E+00	8.39E-03	4.56E+00	0.00E+00	0.00E+00	8.61E+00	1.20E-05	2.85E-03	4.58E-02	0.00E+00	1.99E-01	5.75E-10	1.37E-08	6.56E+00	1.26E-01	0.00E+00	0.00E+00	8.23E-03	7.71E-01	1.15E+02	0.00E+00	2.21E-08	1.88E-07	8.98E-03	1.77E-04	3.05E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.46E+02	3.05E+01	0.00E+00	0.00E+00	0.00E+00	3.50E-01
MCN001	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
MCN002	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN003	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MCN004	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN006	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN008	4.27E-03	8.34E-01	1.53E-03	8.32E-01	0.00E+00	0.00E+00	1.57E+00	2.19E-06	5.20E-04	8.36E-03	0.00E+00	3.65E-02	1.05E-10	2.50E-09	1.20E+00	2.31E-02	0.00E+00	0.00E+00	1.50E-03	1.41E-01	2.10E+01	0.00E+00	4.04E-09	3.44E-08	1.64E-03	3.23E-05	5.57E+00	0.00E+00	2.10E+01	2.95E-07	2.10E+01	2.66E+01	5.57E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02
MCN010	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MCN013	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN016	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MCN020	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN025	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN032	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN040	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN099	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
MCN100	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN100E	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MCN101	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN101E	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN101P	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MCN102	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN102E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN102P	2.86E-03	5.58E-01	1.02E-03	5.57E-01	0.00E+00	0.00E+00	1.05E+00	1.47E-06	3.48E-04	5.59E-03	0.00E+00	2.43E-02	7.02E-11	1.68E-09	8.01E-01	1.54E-02	0.00E+00	0.00E+00	1.00E-03	9.41E-02	1.41E+01	0.00E+00	2.70E-09	2.30E-08	1.10E-03	2.16E-05	3.72E+00	0.00E+00	1.41E+01	1.97E-07	1.41E+01	1.78E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02
MCN103	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN103E	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MCN103P	4.09E-03	7.98E-01	1.47E-03	7.97E-01	0.00E+00	0.00E+00	1.50E+00	2.10E-06	4.98E-04	8.00E-03	0.00E+00	3.48E-02	1.00E-10	2.40E-09	1.15E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.01E+01	0.00E+00	3.86E-09	3.29E-08	1.57E-03	3.09E-05	5.32E+00	0.00E+00	2.01E+01	2.82E-07	2.01E+01	2.55E+01	5.32E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-02
MCN104	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN104E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN104P	4.11E-03	8.02E-01	1.47E-03	8.00E-01	0.00E+00	0.00E+00	1.51E+00	2.11E-06	5.00E-04	8.04E-03	0.00E+00	3.50E-02	1.01E-10	2.41E-09	1.15E+00	2.22E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.02E+01	0.00E+00	3.88E-09	3.31E-08	1.57E-03	3.10E-05	5.34E+00	0.00E+00	2.02E+01	2.83E-07	2.02E+01	2.56E+01	5.34E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
MCN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MCN106E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MCN110	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MCN110A	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MCN110E	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MCN110P	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MCN113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MCN113E	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MCN116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN116A	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN116E	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN116P	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN120A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCN120E	6.76E-03	1.29E+00	2.85E-02	1.26E+00	0.00E+00	0.00E+00	1.93E+00	3.09E-06	7.90E-04	1.27E-02	0.00E+00	3.56E-02	1.60E-10	3.78E-09	1.69E+00	3.42E-02	0.00E+00	0.00E+00	2.29E-03	1.95E-01	3.10E+01	0.00E+00	5.53E-09	5.29E-08	2.51E-03	4.58E-05	7.25E+00	0.00E+00	3.10E+01	4.18E-07	3.10E+01	3.82E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-02
MCN120P	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MCN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MCN125E	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MCN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCN132E	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MCN140E	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MCN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN150E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCN163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MCN163E	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCN163P	1.59E-02	3.10E+00	5.70E-03	3.10E+00	0.00E+00	0.00E+00	5.85E+00	8.16E-06	1.94E-03	3.11E-02	0.00E+00	1.35E-01	3.90E-10	9.32E-09	4.46E+00	8.59E-02	0.00E+00	0.00E+00	5.59E-03	5.23E-01	7.83E+01	0.00E+00	1.50E-08	1.28E-07	6.10E-03	1.20E-04	2.07E+01	0.00E+00	7.83E+01	1.10E-06	7.83E+01	9.90E+01	2.07E+01	0.00E+00	0.00E+00	0.00E+00	2.38E-01
MCN200	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MCN200E	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MCN201	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MCN201E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MCN201P	6.05E-03	1.18E+00	2.17E-03	1.18E+00	0.00E+00	0.00E+00	2.22E+00	3.10E-06	7.36E-04	1.18E-02	0.00E+00	5.14E-02	1.48E-10	3.54E-09	1.69E+00	3.26E-02	0.00E+00	0.00E+00	2.12E-03	1.99E-01	2.98E+01	0.00E+00	5.71E-09	4.86E-08	2.32E-03	4.57E-05	7.86E+00	0.00E+00	2.98E+01	4.17E-07	2.98E+01	3.76E+01	7.86E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-02
MCN202	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02

MCN202E	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCN202P	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
MCN203	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN203E	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN203P	8.60E-03	1.68E+00	3.08E-03	1.67E+00	0.00E+00	0.00E+00	3.16E+00	4.41E-06	1.05E-03	1.68E-02	0.00E+00	7.31E-02	2.11E-10	5.04E-09	2.41E+00	4.64E-02	0.00E+00	0.00E+00	3.02E-03	2.83E-01	4.23E+01	0.00E+00	8.12E-09	6.92E-08	3.29E-03	6.49E-05	1.12E+01	0.00E+00	4.23E+01	5.93E-07	4.23E+01	5.35E+01	1.12E+01	0.00E+00	0.00E+00	0.00E+00	1.29E-01
MCN204	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN204E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN204P	8.09E-03	1.58E+00	2.90E-03	1.58E+00	0.00E+00	0.00E+00	2.97E+00	4.15E-06	9.85E-04	1.58E-02	0.00E+00	6.88E-02	1.98E-10	4.74E-09	2.27E+00	4.37E-02	0.00E+00	0.00E+00	2.84E-03	2.66E-01	3.98E+01	0.00E+00	7.64E-09	6.51E-08	3.10E-03	6.11E-05	1.05E+01	0.00E+00	3.98E+01	5.58E-07	3.98E+01	5.03E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN206	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN206A	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCN206E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN206P	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCN208E	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN210	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MCN210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN210P	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MCN213	9.82E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN213E	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN216	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN216A	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCN216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN216P	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN220A	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCN220E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN220P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCN225	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN225A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN225E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN225P	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN232	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCN232A	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCN232E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN232P	1.92E-02	3.75E+00	6.89E-03	3.75E+00	0.00E+00	0.00E+00	7.07E+00	9.87E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.50E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCN240	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCN240A	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCN240E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN240P	2.25E-02	4.39E+00	8.07E-03	4.38E+00	0.00E+00	0.00E+00	8.28E+00	1.16E-05	2.74E-03	4.40E-02	0.00E+00	1.92E-01	5.52E-10	1.32E-08	6.31E+00	1.22E-01	0.00E+00	0.00E+00	7.91E-03	7.41E-01	1.11E+02	0.00E+00	2.13E-08	1.81E-07	8.63E-03	1.70E-04	2.93E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	3.37E-01
MCN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MCN250A	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN250E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN250P	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCN263A	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCN263E	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCN263P	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MCN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCN300E	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MCN301	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN301E	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN301P	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN302	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN302E	9.40E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN302P	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.22E+00	4.49E-06	1.07E-03	1.71E-02	0.00E+00	7.45E-02	2.15E-10	5.13E-09	2.45E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.88E-01	4.31E+01	0.00E+00	8.27E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.04E-07	4.31E+01	5.45E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN303	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN303E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN304	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN304E	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN304P	1.21E-02	2.36E+00	4.33E-03	2.35E+00	0.00E+00	0.00E+00	4.44E+00	6.20E-06	1.47E-03	2.36E-02	0.00E+00	1.03E-01	2.97E-10	7.08E-09	3.39E+00	6.53E-02	0.00E+00	0.00E+00	4.25E-03	3.98E-01	5.95E+01	0.00E+00	1.14E-08	9.73E-08	4.63E-03	9.13E-05	1.57E+01	0.00E+00	5.95E+01	8.34E-07	5.95E+01	7.52E+01	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
MCN306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN306A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN306E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN306P	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MCN308	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MCN310	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MCN310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MCN310E	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MCN310P	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN313E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN316A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN316E	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCN316P	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
MCN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN320A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MCN320E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN320P	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN325A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCN325E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN325P	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN332A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01

MCN332E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN332P	2.79E-02	5.44E+00	9.98E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.45E-02	0.00E+00	2.37E-01	6.83E-10	1.63E-08	7.80E+00	1.50E-01	0.00E+00	0.00E+00	9.78E-03	9.16E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MCN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN340A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MCN340E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN340P	3.61E-02	7.05E+00	1.29E-02	7.04E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.07E-02	0.00E+00	3.07E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.70E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.70E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN350A	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MCN350E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN350P	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MCN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN363A	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MCN363E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN363P	3.91E-02	7.63E+00	1.40E-02	7.62E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.33E-01	9.60E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.69E-08	3.15E-07	1.50E-02	2.95E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.43E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MCN400	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MCN400E	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MCN401	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN401E	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN402	1.16E-02	2.26E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.41E-03	2.26E-02	0.00E+00	9.84E-02	2.84E-10	6.78E-09	3.24E+00	6.24E-02	0.00E+00	0.00E+00	4.06E-03	3.80E-01	5.69E+01	0.00E+00	1.09E-08	9.31E-08	4.43E-03	8.73E-05	1.50E+01	0.00E+00	5.69E+01	7.97E-07	5.69E+01	7.20E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.73E-01
MCN402E	1.16E-02	2.26E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.41E-03	2.26E-02	0.00E+00	9.84E-02	2.84E-10	6.78E-09	3.24E+00	6.24E-02	0.00E+00	0.00E+00	4.06E-03	3.80E-01	5.69E+01	0.00E+00	1.09E-08	9.31E-08	4.43E-03	8.73E-05	1.50E+01	0.00E+00	5.69E+01	7.97E-07	5.69E+01	7.20E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.73E-01
MCN402P	1.16E-02	2.26E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.41E-03	2.26E-02	0.00E+00	9.84E-02	2.84E-10	6.78E-09	3.24E+00	6.24E-02	0.00E+00	0.00E+00	4.06E-03	3.80E-01	5.69E+01	0.00E+00	1.09E-08	9.31E-08	4.43E-03	8.73E-05	1.50E+01	0.00E+00	5.69E+01	7.97E-07	5.69E+01	7.20E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.73E-01
MCN403	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MCN403E	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MCN404	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MCN404E	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MCN406	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MCN406A	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MCN406P	1.07E-02	2.09E+00	3.84E-03	2.09E+00	0.00E+00	0.00E+00	3.94E+00	5.50E-06	1.30E-03	2.10E-02	0.00E+00	9.12E-02	2.63E-10	6.28E-09	3.00E+00	5.78E-02	0.00E+00	0.00E+00	3.76E-03	3.53E-01	5.27E+01	0.00E+00	1.01E-08	8.62E-08	4.11E-03	8.09E-05	1.39E+01	0.00E+00	5.27E+01	7.39E-07	5.27E+01	6.67E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MCN410	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN410A	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN410E	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN410P	1.28E-02	2.49E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.69E+00	6.55E-06	1.55E-03	2.50E-02	0.00E+00	1.09E-01	3.13E-10	7.48E-09	3.57E+00	6.89E-02	0.00E+00	0.00E+00	4.48E-03	4.20E-01	6.28E+01	0.00E+00	1.20E-08	1.03E-07	4.89E-03	9.64E-05	1.66E+01	0.00E+00	6.28E+01	8.80E-07	6.28E+01	7.94E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.91E-01
MCN413	1.95E-02	3.80E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.16E+00	9.99E-06	2.37E-03	3.81E-02	0.00E+00	1.66E-01	4.78E-10	1.14E-08	5.46E+00	1.05E-01	0.00E+00	0.00E+00	6.84E-03	6.41E-01	9.59E+01	0.00E+00	1.84E-08	1.57E-07	7.46E-03	1.47E-04	2.53E+01	0.00E+00	9.59E+01	1.34E-06	9.59E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MCN413E	1.95E-02	3.80E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.16E+00	9.99E-06	2.37E-03	3.81E-02	0.00E+00	1.66E-01	4.78E-10	1.14E-08	5.46E+00	1.05E-01	0.00E+00	0.00E+00	6.84E-03	6.41E-01	9.59E+01	0.00E+00	1.84E-08	1.57E-07	7.46E-03	1.47E-04	2.53E+01	0.00E+00	9.59E+01	1.34E-06	9.59E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MCN416	2.31E-02	4.50E+00	8.26E-03	4.49E+00	0.00E+00	0.00E+00	8.48E+00	1.18E-05	2.81E-03	4.51E-02	0.00E+00	1.96E-01	5.66E-10	1.35E-08	6.46E+00	1.24E-01	0.00E+00	0.00E+00	8.10E-03	7.59E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.00E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.43E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MCN416A	2.31E-02	4.51E+00	8.28E-03	4.50E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.52E-02	0.00E+00	1.97E-01	5.67E-10	1.35E-08	6.48E+00	1.25E-01	0.00E+00	0.00E+00	8.12E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.86E-03	1.75E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MCN416E	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MCN416P	1.87E-02	3.65E+00	6.71E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.60E-06	2.28E-03	3.66E-02	0.00E+00	1.59E-01	4.59E-10	1.10E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.57E-03	6.16E-01	9.21E+01	0.00E+00	1.77E-08	1.51E-07	7.17E-03	1.41E-04	2.43E+01	0.00E+00	9.21E+01	1.29E-06	9.21E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.80E-01
MCN420	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.24E-01	1.23E+02	0.00E+00	2.36E-08	2.02E-07	9.60E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN420A	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.24E-01	1.23E+02	0.00E+00	2.36E-08	2.02E-07	9.60E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN420E	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN420P	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.25E-01	1.23E+02	0.00E+00	2.37E-08	2.02E-07	9.61E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MCN425	2.87E-02	5.60E+00	1.03E-02	5.59E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.49E-03	5.61E-02	0.00E+00	2.44E-01	7.04E-10	1.68E-08	8.04E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.44E-01	1.41E+02	0.00E+00	2.71E-08	2.31E-07	1.10E-02	2.17E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.79E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.29E-01
MCN425A	2.87E-02	5.60E+00	1.03E-02	5.59E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.49E-03	5.61E-02	0.00E+00	2.44E-01	7.04E-10	1.68E-08	8.04E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.44E-01	1.41E+02	0.00E+00	2.71E-08	2.31E-07	1.10E-02	2.17E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.79E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.29E-01
MCN425E	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MCN425P	2.86E-02	5.58E+00	1.02E-02	5.57E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.48E-03	5.59E-02	0.00E+00	2.43E-01	7.01E-10	1.67E-08	8.01E+00	1.54E-01	0.00E+00	0.00E+00	1.00E-02	9.40E-01	1.41E+02	0.00E+00	2.70E-08	2.30E-07	1.10E-02	2.16E-04	3.72E+01	0.00E+00	1.41E+02	1.97E-06	1.41E+02	1.78E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MCN432	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MCN432A	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MCN432E	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MCN432P	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MCN440	4.80E-02	9.36E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.08E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MCN440A	4.80E-02	9.36E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.08E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MCN440E	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MCN440P	4.80E-02	9.37E+00	1.72E-02	9.35E+00	0.00E+00	0.00E+00	1.77E+01	2.46E-05	5.85E-03	9.40E-02	0.00E+00	4.09E-01	1.18E-09	2.81E-08	1.35E+01	2.59E-01	0.00E+00	0.00E+00	1.69E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.87E-07	1.84E-02	3.63E-04	6.25E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.99E+02	6.25E+01	0.00E+00	0.00E+00	0.00E+00	7.18E-01
MCN450	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MCN450A	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MCN450E	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MCN450P	4.23E-02	8.25E+00	1.52E-02	8.23E+00	0.00E+00	0.00E+00	1.55E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.60E-01	1.04E-09	2.48E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.99E-08	3.40E-07	1.62E-02	3.19E-04	5.50E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.50E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MCN463	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MCN463A	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MCN463E	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MCN463P	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.53E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.12E+01	0.00E+00	2.70E+02	3.77E-06	2.70E+02	3.41E+02	7.12E+01	0.00E+00	0.00E+00	0.00E+00	8.18E-01
MCN500	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
MCN501	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MCN502	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCN503	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN504	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN506	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCN506E	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCN508E	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN510	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN513	8.94E-03	1.74E+00	3.20E-03	1.74E+00	0.00E+00	0.00E+00	3.29E+00	4.59E-06	1.09E-03	1.75E-02	0.00E+00	7.61E-02	2.19E-10	5.24E-09	2.51E+00	4.83E-02	0.00E+00	0.00E+00	3.14E-03	2.94E-01	4.40E+01	0.00E+00	8.44E-09	7.20E-08	3.43E-03	6.75E-05	1.16E+01	0.00E+00	4.40E+01	6.16E-07	4.40E+01	5.56E+01	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MCN513E	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN516	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN520	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN525	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN532	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCN532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN540	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCN540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN550	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01

MCN550E	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN563	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCN563E	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MCN600	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MCN601	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN602	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN603	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN604	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN606	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN606E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN610	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MCN610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCN613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN613E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN650	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MCN650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN663	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MCN663E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN706P	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCN710P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN716P	1.11E-02	2.17E+00	3.98E-03	2.16E+00	0.00E+00	0.00E+00	4.08E+00	5.69E-06	1.35E-03	2.17E-02	0.00E+00	9.44E-02	2.72E-10	6.50E-09	3.11E+00	5.99E-02	0.00E+00	0.00E+00	3.90E-03	3.65E-01	5.46E+01	0.00E+00	1.05E-08	8.93E-08	4.25E-03	8.38E-05	1.44E+01	0.00E+00	5.46E+01	7.65E-07	5.46E+01	6.90E+01	1.44E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN720P	1.19E-02	2.33E+00	4.27E-03	2.32E+00	0.00E+00	0.00E+00	4.38E+00	6.12E-06	1.45E-03	2.33E-02	0.00E+00	1.01E-01	2.93E-10	6.99E-09	3.34E+00	6.44E-02	0.00E+00	0.00E+00	4.19E-03	3.92E-01	5.87E+01	0.00E+00	1.13E-08	9.60E-08	4.57E-03	9.01E-05	1.55E+01	0.00E+00	5.87E+01	8.22E-07	5.87E+01	7.42E+01	1.55E+01	0.00E+00	0.00E+00	0.00E+00	1.78E-01
MCN725P	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN732P	1.92E-02	3.75E+00	6.89E-03	3.75E+00	0.00E+00	0.00E+00	7.07E+00	9.87E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.50E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCN740P	2.25E-02	4.39E+00	8.07E-03	4.38E+00	0.00E+00	0.00E+00	8.28E+00	1.16E-05	2.74E-03	4.40E-02	0.00E+00	1.92E-01	5.52E-10	1.32E-08	6.31E+00	1.22E-01	0.00E+00	0.00E+00	7.91E-03	7.41E-01	1.11E+02	0.00E+00	2.13E-08	1.81E-07	8.63E-03	1.70E-04	2.93E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	3.37E-01
MCN750P	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN763P	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MCS006C	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCS010C	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MCS013C	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCS016C	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MCS020C	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCS106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCS110	3.48E-03	6.80E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.55E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
MCS113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MCS116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCS120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCS120W	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCS125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCS132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCS140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCS150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCS206C	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCS206E	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCS210C	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS210E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS213C	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCS216C	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS216E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS220C	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS220E	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS225E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS232E	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCS240E	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCS250E	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS263E	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MCS306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS306C	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS310	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MCS310C	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MCS313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS313C	1.34E-02	2.61E+00	4.81E-03	2.61E+00	0.00E+00	0.00E+00	4.94E+00	6.88E-06	1.63E-03	2.62E-02	0.00E+00	1.15E-01	3.29E-10	7.85E-09	3.76E+00	7.23E-02	0.00E+00	0.00E+00	4.70E-03	4.41E-01	6.60E+01	0.00E+00	1.27E-08	1.08E-07	5.13E-03	1.01E-04	1.75E+01	0.00E+00	6.60E+01	9.25E-07	6.60E+01	8.34E+01	1.75E+01	0.00E+00	0.00E+00	0.00E+00	2.00E-01
MCS316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCS316C	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCS320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS320C	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MCS325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCS332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCS340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCS350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCS363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCS506	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCS506E	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MCS510	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01

MCS510E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS513	9.82E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCS513E	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCS516	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS516E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS520	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS520E	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS525	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS525E	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS532	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCS532E	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MCS540	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCS540E	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MCS550	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS550E	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS563	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MCS563E	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MCS606	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS606E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS610	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MCS610E	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MCS613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS613E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCS616E	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCS620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS620E	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MCS625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCS625E	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCS632	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MCS632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCS640	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MCS640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCU110P	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MCU116P	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCU120P	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MCU125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MCU132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCU140P	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MCU150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCU163P	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MCU206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MCU210P	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MCU216P	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCU220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MCU225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCU232P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MCU240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MCU250P	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MCU263P	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MCU306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MCU310P	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCU316P	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
MCU320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MCU325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MCU332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MCU340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MCU350P	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MCU363P	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MCU406P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCU410P	1.28E-02	2.49E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.69E+00	6.55E-06	1.55E-03	2.50E-02	0.00E+00	1.09E-01	3.13E-10	7.48E-09	3.57E+00	6.89E-02	0.00E+00	0.00E+00	4.48E-03	4.20E-01	6.28E+01	0.00E+00	1.20E-08	1.03E-07	4.89E-03	9.64E-05	1.66E+01	0.00E+00	6.28E+01	8.80E-07	6.28E+01	7.94E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.91E-01
MCU416P	1.87E-02	3.65E+00	6.71E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.60E-06	2.28E-03	3.66E-02	0.00E+00	1.59E-01	4.59E-10	1.10E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.57E-03	6.16E-01	9.21E+01	0.00E+00	1.77E-08	1.51E-07	7.17E-03	1.41E-04	2.43E+01	0.00E+00	9.21E+01	1.29E-06	9.21E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.80E-01
MCU420P	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MCU425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MCU432P	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MCU440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MCU450P	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MCU463P	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MCX106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MCX110P	3.87E-03	7.56E-01	1.39E-03	7.54E-01	0.00E+00	0.00E+00	1.42E+00	1.99E-06	4.72E-04	7.58E-03	0.00E+00	3.30E-02	9.50E-11	2.27E-09	1.09E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-03	1.27E-01	1.91E+01	0.00E+00	3.66E-09	3.12E-08	1.48E-03	2.93E-05	5.04E+00	0.00E+00	1.91E+01	2.67E-07	1.91E+01	2.41E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
MCX116P	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MCX120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MCX125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MCX132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCX140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MD106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MD110P	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MD116P	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MD120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MD132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MD206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MD210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MD216P	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MD220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MD225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01

MD263P	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MD306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MD310P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MD316P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MD320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MD325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MD332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MD340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MD350P	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MD363P	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MD440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MDN101P	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MDN102P	2.86E-03	5.58E-01	1.02E-03	5.57E-01	0.00E+00	0.00E+00	1.05E+00	1.47E-06	3.48E-04	5.59E-03	0.00E+00	2.43E-02	7.02E-11	1.68E-09	8.01E-01	1.54E-02	0.00E+00	0.00E+00	1.00E-03	9.41E-02	1.41E+01	0.00E+00	2.70E-09	2.30E-08	1.10E-03	2.16E-05	3.72E+00	0.00E+00	1.41E+01	1.97E-07	1.41E+01	1.78E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02
MDN103P	4.09E-03	7.98E-01	1.47E-03	7.97E-01	0.00E+00	0.00E+00	1.50E+00	2.10E-06	4.98E-04	8.00E-03	0.00E+00	3.48E-02	1.00E-10	2.40E-09	1.15E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.01E+01	0.00E+00	3.86E-09	3.29E-08	1.57E-03	3.09E-05	5.32E+00	0.00E+00	2.01E+01	2.82E-07	2.01E+01	2.55E+01	5.32E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-02
MDN104P	4.11E-03	8.02E-01	1.47E-03	8.00E-01	0.00E+00	0.00E+00	1.51E+00	2.11E-06	5.00E-04	8.04E-03	0.00E+00	3.50E-02	1.01E-10	2.41E-09	1.15E+00	2.22E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.02E+01	0.00E+00	3.88E-09	3.31E-08	1.57E-03	3.10E-05	5.34E+00	0.00E+00	2.02E+01	2.83E-07	2.02E+01	2.56E+01	5.34E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
MDN106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MDN110P	3.87E-03	7.56E-01	1.39E-03	7.54E-01	0.00E+00	0.00E+00	1.42E+00	1.99E-06	4.72E-04	7.58E-03	0.00E+00	3.30E-02	9.50E-11	2.27E-09	1.09E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-03	1.27E-01	1.91E+01	0.00E+00	3.66E-09	3.12E-08	1.48E-03	2.93E-05	5.04E+00	0.00E+00	1.91E+01	2.67E-07	1.91E+01	2.41E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
MDN116P	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MDN120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MDN125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MDN132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MDN140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MDN150P	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
MDN163P	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MDN200P	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
MDN201P	4.58E-03	8.94E-01	1.64E-03	8.92E-01	0.00E+00	0.00E+00	1.68E+00	2.35E-06	5.58E-04	8.96E-03	0.00E+00	3.90E-02	1.12E-10	2.68E-09	1.28E+00	2.47E-02	0.00E+00	0.00E+00	1.61E-03	1.51E-01	2.25E+01	0.00E+00	4.32E-09	3.69E-08	1.75E-03	3.46E-05	5.96E+00	0.00E+00	2.25E+01	3.16E-07	2.25E+01	2.85E+01	5.96E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
MDN202P	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
MDN203P	1.45E-02	2.84E+00	5.21E-03	2.83E+00	0.00E+00	0.00E+00	5.34E+00	7.46E-06	1.77E-03	2.84E-02	0.00E+00	1.24E-01	3.57E-10	8.52E-09	4.07E+00	7.84E-02	0.00E+00	0.00E+00	5.10E-03	4.78E-01	7.15E+01	0.00E+00	1.37E-08	1.17E-07	5.57E-03	1.10E-04	1.89E+01	0.00E+00	7.15E+01	1.00E-06	7.15E+01	9.04E+01	1.89E+01	0.00E+00	0.00E+00	0.00E+00	2.17E-01
MDN204P	8.09E-03	1.58E+00	2.90E-03	1.58E+00	0.00E+00	0.00E+00	2.97E+00	4.15E-06	9.85E-04	1.58E-02	0.00E+00	6.88E-02	1.98E-10	4.74E-09	2.27E+00	4.37E-02	0.00E+00	0.00E+00	2.84E-03	2.66E-01	3.98E+01	0.00E+00	7.64E-09	6.51E-08	3.10E-03	6.11E-05	1.05E+01	0.00E+00	3.98E+01	5.58E-07	3.98E+01	5.03E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MDN206P	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MDN210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MDN216P	1.11E-02	2.17E+00	3.98E-03	2.16E+00	0.00E+00	0.00E+00	4.08E+00	5.69E-06	1.35E-03	2.17E-02	0.00E+00	9.44E-02	2.72E-10	6.50E-09	3.11E+00	5.99E-02	0.00E+00	0.00E+00	3.90E-03	3.65E-01	5.46E+01	0.00E+00	1.05E-08	8.93E-08	4.25E-03	8.38E-05	1.44E+01	0.00E+00	5.46E+01	7.65E-07	5.46E+01	6.90E+01	1.44E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MDN220P	1.19E-02	2.33E+00	4.27E-03	2.32E+00	0.00E+00	0.00E+00	4.38E+00	6.12E-06	1.45E-03	2.33E-02	0.00E+00	1.01E-01	2.93E-10	6.99E-09	3.34E+00	6.44E-02	0.00E+00	0.00E+00	4.19E-03	3.92E-01	5.87E+01	0.00E+00	1.13E-08	9.60E-08	4.57E-03	9.01E-05	1.55E+01	0.00E+00	5.87E+01	8.22E-07	5.87E+01	7.42E+01	1.55E+01	0.00E+00	0.00E+00	0.00E+00	1.78E-01
MDN225P	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MDN232P	1.92E-02	3.75E+00	6.89E-03	3.75E+00	0.00E+00	0.00E+00	7.07E+00	9.87E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.50E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MDN240P	2.25E-02	4.39E+00	8.07E-03	4.38E+00	0.00E+00	0.00E+00	8.28E+00	1.16E-05	2.74E-03	4.40E-02	0.00E+00	1.92E-01	5.52E-10	1.32E-08	6.31E+00	1.22E-01	0.00E+00	0.00E+00	7.91E-03	7.41E-01	1.11E+02	0.00E+00	2.13E-08	1.81E-07	8.63E-03	1.70E-04	2.93E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	3.37E-01
MDN250P	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MDN263P	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MDN263R	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MDN300P	8.98E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.30E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.64E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.95E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MDN301P	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MDN302P	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.22E+00	4.49E-06	1.07E-03	1.71E-02	0.00E+00	7.45E-02	2.15E-10	5.13E-09	2.45E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.88E-01	4.31E+01	0.00E+00	8.27E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.04E-07	4.31E+01	5.45E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MDN303P	1.27E-02	2.49E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.68E+00	6.54E-06	1.55E-03	2.49E-02	0.00E+00	1.08E-01	3.13E-10	7.47E-09	3.57E+00	6.88E-02	0.00E+00	0.00E+00	4.48E-03	4.19E-01	6.27E+01	0.00E+00	1.20E-08	1.03E-07	4.88E-03	9.62E-05	1.66E+01	0.00E+00	6.27E+01	8.79E-07	6.27E+01	7.93E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.90E-01
MDN304P	1.21E-02	2.36E+00	4.33E-03	2.35E+00	0.00E+00	0.00E+00	4.44E+00	6.20E-06	1.47E-03	2.36E-02	0.00E+00	1.03E-01	2.97E-10	7.08E-09	3.39E+00	6.53E-02	0.00E+00	0.00E+00	4.25E-03	3.98E-01	5.95E+01	0.00E+00	1.14E-08	9.73E-08	4.63E-03	9.13E-05	1.57E+01	0.00E+00	5.95E+01	8.34E-07	5.95E+01	7.52E+01	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
MDN306P	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MDN310P	1.24E-02	2.43E+00	4.46E-03	2.42E+00	0.00E+00	0.00E+00	4.57E+00	6.38E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.29E-09	3.48E+00	6.71E-02	0.00E+00	0.00E+00	4.37E-03	4.09E-01	6.12E+01	0.00E+00	1.17E-08	1.00E-07	4.77E-03	9.39E-05	1.62E+01	0.00E+00	6.12E+01	8.57E-07	6.12E+01	7.74E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MDN316P	1.75E-02	3.41E+00	6.26E-03	3.40E+00	0.00E+00	0.00E+00	6.42E+00	8.96E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.28E-10	1.02E-08	4.89E+00	9.43E-02	0.00E+00	0.00E+00	6.13E-03	5.75E-01	8.60E+01	0.00E+00	1.65E-08	1.41E-07	6.69E-03	1.32E-04	2.27E+01	0.00E+00	8.60E+01	1.20E-06	8.60E+01	1.09E+02	2.27E+01	0.00E+00	0.00E+00	0.00E+00	2.61E-01
MDN320P	1.89E-02	3.69E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.98E+00	9.72E-06	2.30E-03	3.70E-02	0.00E+00	1.62E-01	4.64E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.65E-03	6.24E-01	9.32E+01	0.00E+00	1.79E-08	1.52E-07	7.25E-03	1.43E-04	2.47E+01	0.00E+00	9.32E+01	1.31E-06	9.32E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.83E-01
MDN325P	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MDN332P	2.78E-02	5.42E+00	9.98E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.44E-02	0.00E+00	2.38E-01	6.82E-10	1.63E-08	7.80E+00	1.50E-01	0.00E+00	0.00E+00	9.76E-03	9.16E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MDN340P	3.61E-02	7.05E+00	1.29E-02	7.04E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.07E-02	0.00E+00	3.07E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.70E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.70E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MDN350P	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MDN363P	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MDN400P	9.60E-03	1.87E+00	3.44E-03	1.87E+00	0.00E+00	0.00E+00	3.53E+00	4.92E-06	1.17E-03	1.88E-02	0.00E+00	8.16E-02	2.35E-10	5.62E-09	2.69E+00	5.18E-02	0.00E+00	0.00E+00	3.37E-03	3.16E-01	4.72E+01	0.00E+00	9.06E-09	7.72E-08	3.68E-03	7.24E-05	1.25E+01	0.00E+00	4.72E+01	6.61E-07	4.72E+01	5.97E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.43E-01
MDN401P	1.21E-02	2.36E+00	4.33E-03	2.35E+00	0.00E+00	0.00E+00	4.44E+00	6.20E-06	1.47E-03	2.36E-02	0.00E+00	1.03E-01	2.97E-10	7.08E-09	3.39E+00	6.53E-02	0.00E+00	0.00E+00	4.25E-03	3.98E-01	5.95E+01	0.00E+00	1.14E-08	9.73E-08	4.63E-03	9.13E-05	1.57E+01	0.00E+00	5.95E+01	8.34E-07	5.95E+01	7.52E+01	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
MDN402P	1.16E-02	2.26E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.41E-03	2.26E-02	0.00E+00	9.84E-02	2.84E-10	6.78E-09	3.24E+00	6.24E-02	0.00E+00	0.00E+00	4.06E-03	3.80E-01	5.69E+01	0.00E+00	1.09E-08	9.31E-08	4.43E-03	8.73E-05	1.50E+01	0.00E+00	5.69E+01	7.97E-07	5.69E+01	7.20E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.73E-01
MDN403P	1.71E-02	3.33E+00	6.12E-03	3.32E+00	0.00E+00	0.00E+00	6.27E+00	8.76E-06	2.08E-03	3.34E-02	0.00E+00	1.45E-01	4.19E-10	1.00E-08	4.78E+00	9.21E-02	0.00E+00	0.00E+00	5.99E-03	5.62E-01	8.40E+01	0.00E+00	1.61E-08	1.37E-07	6.54E-03	1.29E-04	2.22E+01	0.00E+00	8.40E+01	1.18E-06	8.40E+01	1.06E+02	2.22E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MDN404P	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MDN406P	1.07E-02	2.09E+00	3.84E-03	2.09E+00	0.00E+00	0.00E+00	3.94E+00	5.50E-06	1.30E-03	2.10E-02	0.00E+00	9.12E-02	2.63E-10	6.28E-09	3.00E+00	5.78E-02	0.00E+00	0.00E+00	3.76E-03	3.53E-01	5.27E+01	0.00E+00	1.01E-08	8.62E-08	4.11E-03	8.09E-05	1.39E+01	0.00E+00	5.27E+01	7.39E-07	5.27E+01	6.67E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MDN410P	1.67E-02	3.27E+00	6.00E-03	3.26E+00	0.00E+00	0.00E+00	6.15E+00	8.59E-06	2.04E-03	3.27E-02	0.00E+00	1.42E-01	4.11E-10	9.81E-09	4.69E+00	9.04E-02	0.00E+00	0.00E+00	5.88E-03	5.51E-01	8.24E+01	0.00E+00	1.58E-08	1.35E-07	6.42E-03	1.26E-04	2.18E+01	0.00E+00	8.24E+01	1.15E-06	8.24E+01	1.04E+02	2.18E+01	0.00E+00	0.00E+00	0.00E+00	2.50E-01
MDN416P	2.31E-02	4.50E+00	8.26E-03	4.49E+00	0.00E+00	0.00E+00	8.48E+00	1.18E-05	2.81E-03	4.51E-02	0.00E+00	1.96E-01	5.66E-10	1.35E-08	6.46E+00	1.24E-01	0.00E+00	0.00E+00	8.10E-03	7.59E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.00E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.43E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MDN420P	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.25E-01	1.23E+02	0.00E+00	2.37E-08	2.02E-07	9.61E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MDN425P	2.86E-02	5.58E+00	1.02E-02	5.57E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.48E-03	5.59E-02	0.00E+00	2.43E-01	7.01E-10	1.67E-08	8.01E+00	1.54E-01	0.00E+00	0.00E+00	1.00E-02	9.40E-01	1.41E+02	0.00E+00	2.70E-08	2.30E-07	1.10E-02	2.16E-04	3.72E+01	0.00E+00	1.41E+02	1.97E-06	1.41E+02	1.78E+02	3.72E+01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MDN432P	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MDN440P	4.80E-02	9.37E+00	1.72E-02	9.35E+00	0.00E+00	0.00E+00	1.77E+01	2.46E-05	5.85E-03	9.40E-02	0.00E+00	4.09E-01	1.18E-09	2.81E-08	1.35E+01	2.59E-01	0.00E+00	0.00E+00	1.69E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.87E-07	1.84E-02	3.63E-04	6.25E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.99E+02	6.25E+01	0.00E+00	0.00E+00	0.00E+00	7.18E-01
MDN450P	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MDN463P	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MDN463R	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MDU106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MDU110P	3.87E-03	7.56E-01	1.39E-03	7.54E-01	0.00E+00	0.00E+00	1.42E+00	1.99E-06	4.72E-04	7.58E-03	0.00E+00	3.30E-02	9.50E-11	2.27E-09	1.09E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-03	1.27E-01	1.91E+01	0.00E+00	3.66E-09	3.12E-08	1.48E-03	2.93E-05	5.04E+00	0.00E+00	1.91E+01	2.67E-07	1.91E+01	2.41E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
MDU116P	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MDU120P	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
MDU125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MDU132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MDU140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MDU150P	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
MDU163P	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MDU206P	5.52E-03	1.08E+00	1.98E-03	1.08E+00	0.00E+00	0.00E+00	2.03E+00	2.83E-06	6.72E-04	1.08E-02	0.00E+00	4.70E-02	1.35E-10	3.23E-09	1.55E+00	2.98E-02	0.00E+00	0.00E+00	1.94E-03	1.82E-01	2.72E+01	0.00E+00	5.21E-09	4.44E-08	2.12E-03	4.17E-05	7.18E+00	0.00E+00	2.72E+01	3.81E-07	2.72E+01	3.44E+01	7.18E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-02
MDU210P	8.20E-03	1.60E+00	2.94E-03	1.60E+00	0.00E+00	0.00E+00	3.01E+00	4.21E-06	9.98E-04	1.60E-02	0.00E+00	6.98E-02	2.01E-10	4.80E-09	2.30E+00	4.43E-02	0.00E+00	0.00E+00	2.88E-03	2.70E-01	4.04E+01	0.00E+00	7.74E-09	6.60E-08	3.14E-03	6.19E-05	1.07E+01	0.00E+00	4.04E+01	5.65E-07	4.04E+01	5.10E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
MDU216P	1.10E-02	2.15E+00	3.94E-03	2.14E+00	0.00E+00	0.00E+00	4.04E+00	5.65E-06	1.34E-03	2.15E-02	0.00E+00	9.36E-02	2.70E-10	6.45E-09	3.08E+00	5.94E-02	0.00E+00	0.00E+00	3.86E-03	3.62E-01	5.42E+01	0.00E+00	1.04E-08	8.86E-08	4.22E-03	8.31E-05	1.43E+01	0.00E+00	5.42E+01	7.59E-07	5.42E+01	6.85E+01	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.64E-01
MDU220P	1.18E-02	2.31E+00	4.24E-03	2.31E+00	0.00E+00	0.00E+00	4.35E+00	6.07E-06	1.44E-03	2.32E-02	0.00E+00	1.01E-01	2.90E-10	6.94E-09	3.32E+00	6.39E-02	0.00E+00	0.00E+00	4.16E-03	3.89E-01	5.83E+01	0.00E+00	1.12E-08	9.53E-08	4.54E-03	8.94E-05	1.54E+01	0.00E+00	5.83E+01	8.16E-07	5.83E+01	7.37E+01	1.54E+01	0.00E+00	0.00E+00	0.00E+00	1.77E-01
MDU225P	1.42E-02	2.78E+00	5.10E-03	2.77E+00	0.00E+00	0.00E+00	5.23E+00	7.30E-06	1.73E-03	2.78E-02	0.00E+00	1.21E-01	3.49E-10	8.34E-09	3.99E+00	7.68E-02	0.00E+00	0.00E+00	5.00E-03	4.68E-01	7.00E+01	0.00E+00	1.34E-08	1.14E-07	5.45E-03	1.07E-04	1.85E+01	0.00E+00	7.00E+01	9.81E-07	7.00E+01	8.85E+01	1.85E+01	0.00E+00	0.00E+00	0.00E+00	2.13E-01
MDU232P	1.56E-02	3.03E+00	5.57E-03	3.03E+00	0.00E+00	0.00E+00	5.71E+00	7.98E-06	1.89E-03	3.04E-02	0.00E+00	1.32E-01	3.81E-10	9.11E-09	4.36E+00	8.39E-02	0.00E+00	0.00E+00	5.46E-03	5.11E-01	7.65E+01	0.00E+00	1.47E-08	1.25E-07	5.96E-03	1.17E-04	2.02E+01	0.00E+00	7.65E+01	1.07E-06	7.65E+01	9.68E+01	2.02E+01	0.00E+00	0.00E+00	0.00E+00	2.32E-01
MDU240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MDU250P	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01

MDU263P	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MDU306P	8.42E-03	1.64E+00	3.02E-03	1.64E+00	0.00E+00	0.00E+00	3.09E+00	4.32E-06	1.02E-03	1.65E-02	0.00E+00	7.16E-02	2.06E-10	4.93E-09	2.36E+00	4.54E-02	0.00E+00	0.00E+00	2.96E-03	2.77E-01	4.14E+01	0.00E+00	7.95E-09	6.77E-08	3.23E-03	6.36E-05	1.09E+01	0.00E+00	4.14E+01	5.80E-07	4.14E+01	5.24E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.26E-01
MDU310P	1.24E-02	2.42E+00	4.44E-03	2.41E+00	0.00E+00	0.00E+00	4.56E+00	6.36E-06	1.51E-03	2.43E-02	0.00E+00	1.05E-01	3.04E-10	7.27E-09	3.47E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.98E-08	4.75E-03	9.36E-05	1.61E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MDU316P	1.70E-02	3.32E+00	6.10E-03	3.31E+00	0.00E+00	0.00E+00	6.25E+00	8.73E-06	2.07E-03	3.33E-02	0.00E+00	1.45E-01	4.17E-10	9.97E-09	4.77E+00	9.18E-02	0.00E+00	0.00E+00	5.98E-03	5.60E-01	8.37E+01	0.00E+00	1.61E-08	1.37E-07	6.52E-03	1.28E-04	2.21E+01	0.00E+00	8.37E+01	1.17E-06	8.37E+01	1.06E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	2.54E-01
MDU320P	1.85E-02	3.61E+00	6.64E-03	3.61E+00	0.00E+00	0.00E+00	6.81E+00	9.50E-06	2.25E-03	3.62E-02	0.00E+00	1.58E-01	4.54E-10	1.09E-08	5.19E+00	9.99E-02	0.00E+00	0.00E+00	6.50E-03	6.09E-01	9.11E+01	0.00E+00	1.75E-08	1.49E-07	7.10E-03	1.40E-04	2.41E+01	0.00E+00	9.11E+01	1.28E-06	9.11E+01	1.15E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	2.77E-01
MDU325P	2.03E-02	3.96E+00	7.27E-03	3.95E+00	0.00E+00	0.00E+00	7.46E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.73E-01	4.98E-10	1.19E-08	5.68E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.68E-01	9.99E+01	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.64E+01	0.00E+00	9.99E+01	1.40E-06	9.99E+01	1.26E+02	2.64E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MDU332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MDU340P	4.01E-02	7.82E+00	1.44E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.06E-05	4.88E-03	7.84E-02	0.00E+00	3.41E-01	9.83E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.54E-02	3.03E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MDU350P	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MDU363P	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MDU406P	1.10E-02	2.15E+00	3.95E-03	2.15E+00	0.00E+00	0.00E+00	4.05E+00	5.66E-06	1.34E-03	2.16E-02	0.00E+00	9.38E-02	2.70E-10	6.46E-09	3.09E+00	5.95E-02	0.00E+00	0.00E+00	3.87E-03	3.63E-01	5.43E+01	0.00E+00	1.04E-08	8.87E-08	4.22E-03	8.32E-05	1.43E+01	0.00E+00	5.43E+01	7.60E-07	5.43E+01	6.86E+01	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.65E-01
MDU410P	1.68E-02	3.28E+00	6.02E-03	3.27E+00	0.00E+00	0.00E+00	6.17E+00	8.62E-06	2.05E-03	3.29E-02	0.00E+00	1.43E-01	4.12E-10	9.84E-09	4.71E+00	9.07E-02	0.00E+00	0.00E+00	5.90E-03	5.53E-01	8.27E+01	0.00E+00	1.59E-08	1.35E-07	6.44E-03	1.27E-04	2.18E+01	0.00E+00	8.27E+01	1.16E-06	8.27E+01	1.05E+02	2.18E+01	0.00E+00	0.00E+00	0.00E+00	2.51E-01
MDU416P	2.30E-02	4.49E+00	8.24E-03	4.48E+00	0.00E+00	0.00E+00	8.45E+00	1.18E-05	2.80E-03	4.50E-02	0.00E+00	1.96E-01	5.64E-10	1.35E-08	6.44E+00	1.24E-01	0.00E+00	0.00E+00	8.07E-03	7.56E-01	1.13E+02	0.00E+00	2.17E-08	1.85E-07	8.81E-03	1.74E-04	2.99E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.43E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	3.44E-01
MDU420P	2.48E-02	4.84E+00	8.89E-03	4.83E+00	0.00E+00	0.00E+00	9.12E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.11E-01	6.09E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.51E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MDU425P	2.92E-02	5.69E+00	1.05E-02	5.68E+00	0.00E+00	0.00E+00	1.07E+01	1.50E-05	3.55E-03	5.71E-02	0.00E+00	2.48E-01	7.16E-10	1.71E-08	8.17E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.60E-01	1.44E+02	0.00E+00	2.75E-08	2.35E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.44E+02	2.01E-06	1.44E+02	1.82E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.36E-01
MDU432P	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.55E-01	7.34E-10	1.75E-08	8.38E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.84E-01	1.47E+02	0.00E+00	2.82E-08	2.41E-07	1.15E-02	2.26E-04	3.89E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.89E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MDU440P	4.56E-02	8.89E+00	1.63E-02	8.87E+00	0.00E+00	0.00E+00	1.67E+01	2.34E-05	5.55E-03	8.91E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MDU450P	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
MDU463P	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MDX106P	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MDX110P	3.87E-03	7.56E-01	1.39E-03	7.54E-01	0.00E+00	0.00E+00	1.42E+00	1.99E-06	4.72E-04	7.58E-03	0.00E+00	3.30E-02	9.50E-11	2.27E-09	1.09E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-03	1.27E-01	1.91E+01	0.00E+00	3.66E-09	3.12E-08	1.48E-03	2.93E-05	5.04E+00	0.00E+00	1.91E+01	2.67E-07	1.91E+01	2.41E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
MDX116P	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MDX120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MDX125P	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MDX132P	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MDX140P	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MFN701	2.14E-03	4.17E-01	7.67E-04	4.16E-01	0.00E+00	0.00E+00	7.88E-01	1.10E-06	2.60E-04	4.18E-03	0.00E+00	1.83E-02	5.24E-11	1.25E-09	5.99E-01	1.15E-02	0.00E+00	0.00E+00	7.51E-04	7.04E-02	1.05E+01	0.00E+00	2.02E-09	1.72E-08	8.19E-04	1.62E-05	2.79E+00	0.00E+00	1.05E+01	1.48E-07	1.05E+01	1.33E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02
MFN702	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MFN706	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MFN706A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MFN710	6.51E-03	1.24E+00	2.75E-02	1.22E+00	0.00E+00	0.00E+00	1.86E+00	2.98E-06	7.61E-04	1.22E-02	0.00E+00	3.43E-02	1.54E-10	3.64E-09	1.63E+00	3.30E-02	0.00E+00	0.00E+00	2.20E-03	1.87E-01	2.98E+01	0.00E+00	5.32E-09	5.09E-08	2.41E-03	4.42E-05	6.98E+00	0.00E+00	2.98E+01	4.03E-07	2.98E+01	3.68E+01	6.98E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-02
MFN710A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MFN716	1.10E-02	2.10E+00	4.65E-02	2.06E+00	0.00E+00	0.00E+00	3.15E+00	5.04E-06	1.29E-03	2.07E-02	0.00E+00	5.81E-02	2.60E-10	6.16E-09	2.75E+00	5.58E-02	0.00E+00	0.00E+00	3.73E-03	3.17E-01	5.04E+01	0.00E+00	9.01E-09	8.62E-08	4.08E-03	7.47E-05	1.18E+01	0.00E+00	5.04E+01	6.82E-07	5.04E+01	6.22E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.59E-01
MFN716A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MFN720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN720A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MFN725	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MFN732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MFN910	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MFN916	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN920	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN925	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MFS701	2.14E-03	4.17E-01	7.67E-04	4.16E-01	0.00E+00	0.00E+00	7.87E-01	1.10E-06	2.60E-04	4.18E-03	0.00E+00	1.83E-02	5.24E-11	1.25E-09	5.99E-01	1.15E-02	0.00E+00	0.00E+00	7.50E-04	7.04E-02	1.05E+01	0.00E+00	2.02E-09	1.72E-08	8.19E-04	1.62E-05	2.78E+00	0.00E+00	1.05E+01	1.47E-07	1.05E+01	1.33E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02
MFS702	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MFS706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MFS710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MFS716	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFS720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFS725	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MFS732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MHN506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MHN506A	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MHN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.00E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.52E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.52E+01	3.54E-07	2.52E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MHN510A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MHN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHN516A	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MHN520A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MHN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHN525A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MHN532A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MHN706	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MHN710	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MHS506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MHS510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MHS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHT706	3.01E-03	5.86E-01	1.08E-03	5.85E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.66E-04	5.88E-03	0.00E+00	2.56E-02	7.37E-11	1.76E-09	8.42E-01	1.62E-02	0.00E+00	0.00E+00	1.06E-03	9.88E-02	1.48E+01	0.00E+00	2.84E-09	2.42E-08	1.15E-03	2.27E-05	3.91E+00	0.00E+00	1.48E+01	2.07E-07	1.48E+01	1.87E+01	3.91E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
MHT710	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MHT716	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MHT720	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
MHT725	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHT732	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MHT740	1.78E-02	3.47E+00	6.37E-03	3.46E+00	0.00E+00	0.00E+00	6.53E+00	9.12E-06	2.16E-03	3.48E-02	0.00E+00	1.51E-01	4.36E-10	1.04E-08	4.98E+00	9.59E-02	0.00E+00	0.00E+00	6.24E-03	5.85E-01	8.75E+01	0.00E+00	1.68E-08	1.43E-07	6.81E-03	1.34E-04	2.31E+01	0.00E+00	8.75E+01	1.23E-06	8.75E+01	1.11E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.66E-01
MJ506J	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MJ510J	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MJ516J	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJ520J	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJ525J	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJ532J	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJ540J	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MJ706P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MJ710P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MJ716P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MJ720P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01

MJ725P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MJ732P	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MJ740P	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MJN502	1.92E-03	3.74E-01	6.88E-04	3.74E-01	0.00E+00	0.00E+00	7.05E-01	9.84E-07	2.34E-04	3.75E-03	0.00E+00	1.63E-02	4.71E-11	1.12E-09	5.38E-01	1.04E-02	0.00E+00	0.00E+00	6.74E-04	6.31E-02	9.44E+00	0.00E+00	1.81E-09	1.54E-08	7.35E-04	1.45E-05	2.50E+00	0.00E+00	9.44E+00	1.32E-07	9.44E+00	1.19E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MJN502A	1.92E-03	3.74E-01	6.88E-04	3.74E-01	0.00E+00	0.00E+00	7.05E-01	9.84E-07	2.34E-04	3.75E-03	0.00E+00	1.63E-02	4.71E-11	1.12E-09	5.38E-01	1.04E-02	0.00E+00	0.00E+00	6.74E-04	6.31E-02	9.44E+00	0.00E+00	1.81E-09	1.54E-08	7.35E-04	1.45E-05	2.50E+00	0.00E+00	9.44E+00	1.32E-07	9.44E+00	1.19E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MJN504	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MJN504A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MJN506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MJN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MJN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJN513A	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MJN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJN525A	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJN532A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJN540A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MJN702	3.01E-03	5.86E-01	1.08E-03	5.85E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.66E-04	5.88E-03	0.00E+00	2.56E-02	7.37E-11	1.76E-09	8.42E-01	1.62E-02	0.00E+00	0.00E+00	1.06E-03	9.88E-02	1.48E+01	0.00E+00	2.84E-09	2.42E-08	1.15E-03	2.27E-05	3.91E+00	0.00E+00	1.48E+01	2.07E-07	1.48E+01	1.87E+01	3.91E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
MJN706	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MJN706P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MJN710	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MJN710P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MJN716	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MJN716P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MJN720	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MJN720P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MJN725	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MJN725P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MJN732	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MJN732P	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MJN740	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MJN740P	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MJS502	1.92E-03	3.74E-01	6.88E-04	3.74E-01	0.00E+00	0.00E+00	7.05E-01	9.84E-07	2.34E-04	3.75E-03	0.00E+00	1.63E-02	4.71E-11	1.12E-09	5.38E-01	1.04E-02	0.00E+00	0.00E+00	6.74E-04	6.31E-02	9.44E+00	0.00E+00	1.81E-09	1.54E-08	7.35E-04	1.45E-05	2.50E+00	0.00E+00	9.44E+00	1.32E-07	9.44E+00	1.19E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MJS504	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MJS506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MJS510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MJS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MJT706	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
MJT710	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MJT716	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MJT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MJT725	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJT732	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MJT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MKN506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MKN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MKN510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MKN510A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MKN513	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKN513A	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKN516A	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MKN520A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MKN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MKN525A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MKN532	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MKN532A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MKN540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MKN598	1.88E-02	3.67E+00	6.75E-03	3.66E+00	0.00E+00	0.00E+00	6.93E+00	9.66E-06	2.29E-03	3.68E-02	0.00E+00	1.61E-01	4.61E-10	1.10E-08	5.27E+00	1.02E-01	0.00E+00	0.00E+00	6.60E-03	6.19E-01	9.26E+01	0.00E+00	1.78E-08	1.51E-07	7.20E-03	1.42E-04	2.45E+01	0.00E+00	9.26E+01	1.30E-06	9.26E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
MKN599	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MKS506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MKS510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MKS513	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKS599	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
ML506J	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
ML510J	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
ML516J	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
ML520J	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
ML525J	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
ML532J	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
ML540J	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN502A	1.92E-03	3.74E-01	6.88E-04	3.74E-01	0.00E+00	0.00E+00	7.05E-01	9.84E-07	2.34E-04	3.75E-03	0.00E+00	1.63E-02	4.71E-11	1.12E-09	5.38E-01	1.04E-02	0.00E+00	0.00E+00	6.74E-04	6.31E-02	9.44E+00	0.00E+00	1.81E-09	1.54E-08	7.35E-04	1.45E-05	2.50E+00	0.00E+00	9.44E+00	1.32E-07	9.44E+00	1.19E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MLN504A	4.02E-03	7.84E-01	1.44E-03	7.82E-01	0.00E+00	0.00E+00	1.48E+00	2.06E-06	4.89E-04	7.86E-03	0.00E+00	3.42E-02	9.86E-11	2.35E-09	1.13E+00	2.17E-02	0.00E+00	0.00E+00	1.41E-03	1.32E-01	1.98E+01	0.00E+00	3.79E-09	3.23E-08	1.54E-03	3.03E-05	5.23E+00	0.00E+00	1.98E+01	2.77E-07	1.98E+01	2.50E+01	5.23E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02
MLN506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MLN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLN510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MLN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLN513	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01

MLN513A	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MLN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLN520	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLN525	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLN525A	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLN532	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLN532A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLN540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN540A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN702	3.01E-03	5.86E-01	1.08E-03	5.85E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.66E-04	5.88E-03	0.00E+00	2.56E-02	7.37E-11	1.76E-09	8.42E-01	1.62E-02	0.00E+00	0.00E+00	1.06E-03	9.88E-02	1.48E+01	0.00E+00	2.84E-09	2.42E-08	1.15E-03	2.27E-05	3.91E+00	0.00E+00	1.48E+01	2.07E-07	1.48E+01	1.87E+01	3.91E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
MLN702A	3.01E-03	5.86E-01	1.08E-03	5.85E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.66E-04	5.88E-03	0.00E+00	2.56E-02	7.37E-11	1.76E-09	8.42E-01	1.62E-02	0.00E+00	0.00E+00	1.06E-03	9.88E-02	1.48E+01	0.00E+00	2.84E-09	2.42E-08	1.15E-03	2.27E-05	3.91E+00	0.00E+00	1.48E+01	2.07E-07	1.48E+01	1.87E+01	3.91E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
MLN706	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MLN706A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MLN710	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MLN710A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MLN716	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MLN716A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MLN720	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MLN720A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MLN725	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MLN725A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MLN732	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MLN732A	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MLN740A	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MLS506	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MLS510	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MLS513	8.56E-03	1.67E+00	3.07E-03	1.67E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.28E-02	2.10E-10	5.02E-09	2.40E+00	4.62E-02	0.00E+00	0.00E+00	3.01E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.89E-08	3.28E-03	6.47E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.33E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MLS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLU502	1.92E-03	3.74E-01	6.88E-04	3.74E-01	0.00E+00	0.00E+00	7.05E-01	9.84E-07	2.34E-04	3.75E-03	0.00E+00	1.63E-02	4.71E-11	1.12E-09	5.38E-01	1.04E-02	0.00E+00	0.00E+00	6.74E-04	6.31E-02	9.44E+00	0.00E+00	1.81E-09	1.54E-08	7.35E-04	1.45E-05	2.50E+00	0.00E+00	9.44E+00	1.32E-07	9.44E+00	1.19E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MLU506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLU510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLU516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLU520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLU525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLU532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLU540	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MMN200	6.52E-04	1.27E-01	2.34E-04	1.27E-01	0.00E+00	0.00E+00	2.39E-01	3.34E-07	7.93E-05	1.27E-03	0.00E+00	5.54E-03	1.60E-11	3.82E-10	1.83E-01	3.52E-03	0.00E+00	0.00E+00	2.29E-04	2.14E-02	3.21E+00	0.00E+00	6.15E-10	5.24E-09	2.50E-04	4.92E-06	8.47E-01	0.00E+00	3.21E+00	4.49E-08	3.21E+00	4.05E+00	8.47E-01	0.00E+00	0.00E+00	0.00E+00	9.74E-03
MMN201	3.20E-03	6.25E-01	1.15E-03	6.24E-01	0.00E+00	0.00E+00	1.18E+00	1.64E-06	3.90E-04	6.27E-03	0.00E+00	2.73E-02	7.86E-11	1.88E-09	8.98E-01	1.73E-02	0.00E+00	0.00E+00	1.13E-03	1.05E-01	1.58E+01	0.00E+00	3.02E-09	2.58E-08	1.23E-03	2.42E-05	4.17E+00	0.00E+00	1.58E+01	2.21E-07	1.58E+01	1.99E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-02
MMN202	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MMN203	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MMN204	8.51E-04	1.66E-01	3.05E-04	1.66E-01	0.00E+00	0.00E+00	3.13E-01	4.36E-07	1.04E-04	1.66E-03	0.00E+00	7.24E-03	2.09E-11	4.98E-10	2.38E-01	4.59E-03	0.00E+00	0.00E+00	2.99E-04	2.80E-02	4.19E+00	0.00E+00	8.03E-10	6.85E-09	3.26E-04	6.42E-06	1.11E+00	0.00E+00	4.19E+00	5.87E-08	4.19E+00	5.29E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
MMN206	8.51E-04	1.66E-01	3.05E-04	1.66E-01	0.00E+00	0.00E+00	3.13E-01	4.36E-07	1.04E-04	1.66E-03	0.00E+00	7.24E-03	2.09E-11	4.98E-10	2.38E-01	4.59E-03	0.00E+00	0.00E+00	2.99E-04	2.80E-02	4.19E+00	0.00E+00	8.03E-10	6.85E-09	3.26E-04	6.42E-06	1.11E+00	0.00E+00	4.19E+00	5.87E-08	4.19E+00	5.29E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
MMN210	2.35E-03	4.59E-01	8.43E-04	4.58E-01	0.00E+00	0.00E+00	8.65E-01	1.21E-06	2.86E-04	4.60E-03	0.00E+00	2.00E-02	5.77E-11	1.38E-09	6.59E-01	1.27E-02	0.00E+00	0.00E+00	8.26E-04	7.74E-02	1.16E+01	0.00E+00	2.22E-09	1.89E-08	9.02E-04	1.78E-05	3.06E+00	0.00E+00	1.16E+01	1.62E-07	1.16E+01	1.46E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-02
MMN213	3.01E-03	5.86E-01	1.08E-03	5.85E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.66E-04	5.88E-03	0.00E+00	2.56E-02	7.37E-11	1.76E-09	8.42E-01	1.62E-02	0.00E+00	0.00E+00	1.06E-03	9.88E-02	1.48E+01	0.00E+00	2.84E-09	2.42E-08	1.15E-03	2.27E-05	3.91E+00	0.00E+00	1.48E+01	2.07E-07	1.48E+01	1.87E+01	3.91E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
MMN216	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MMN220	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MMN225	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
MMN232	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MMN240	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MMN250	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MMN263	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MMN300	1.07E-03	2.08E-01	3.83E-04	2.08E-01	0.00E+00	0.00E+00	3.93E-01	5.48E-07	1.30E-04	2.09E-03	0.00E+00	9.08E-03	2.62E-11	6.26E-10	2.99E-01	5.76E-03	0.00E+00	0.00E+00	3.75E-04	3.51E-02	5.26E+00	0.00E+00	1.01E-09	8.59E-09	4.09E-04	8.07E-06	1.39E+00	0.00E+00	5.26E+00	7.36E-08	5.26E+00	6.65E+00	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
MMN301	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
MMN302	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MMN303	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MMN304	8.51E-04	1.66E-01	3.05E-04	1.66E-01	0.00E+00	0.00E+00	3.13E-01	4.36E-07	1.04E-04	1.66E-03	0.00E+00	7.24E-03	2.09E-11	4.98E-10	2.38E-01	4.59E-03	0.00E+00	0.00E+00	2.99E-04	2.80E-02	4.19E+00	0.00E+00	8.03E-10	6.85E-09	3.26E-04	6.42E-06	1.11E+00	0.00E+00	4.19E+00	5.87E-08	4.19E+00	5.29E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
MMN306	1.50E-03	2.93E-01	5.38E-04	2.93E-01	0.00E+00	0.00E+00	5.52E-01	7.71E-07	1.83E-04	2.94E-03	0.00E+00	1.28E-02	3.69E-11	8.80E-10	4.21E-01	8.11E-03	0.00E+00	0.00E+00	5.28E-04	4.94E-02	7.39E+00	0.00E+00	1.42E-09	1.21E-08	5.76E-04	1.13E-05	1.95E+00	0.00E+00	7.39E+00	1.04E-07	7.39E+00	9.35E+00	1.95E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
MMN310	3.20E-03	6.25E-01	1.15E-03	6.24E-01	0.00E+00	0.00E+00	1.18E+00	1.64E-06	3.90E-04	6.27E-03	0.00E+00	2.73E-02	7.86E-11	1.88E-09	8.98E-01	1.73E-02	0.00E+00	0.00E+00	1.13E-03	1.05E-01	1.58E+01	0.00E+00	3.02E-09	2.58E-08	1.23E-03	2.42E-05	4.17E+00	0.00E+00	1.58E+01	2.21E-07	1.58E+01	1.99E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-02
MMN313	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MMN316	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MMN320	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MMN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
MMN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MMN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MMN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MMN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MMN400	1.07E-03	2.08E-01	3.83E-04	2.08E-01	0.00E+00	0.00E+00	3.93E-01	5.48E-07	1.30E-04	2.09E-03	0.00E+00	9.08E-03	2.62E-11	6.26E-10	2.99E-01	5.76E-03	0.00E+00	0.00E+00	3.75E-04	3.51E-02	5.26E+00	0.00E+00	1.01E-09	8.59E-09	4.09E-04	8.07E-06	1.39E+00	0.00E+00	5.26E+00	7.36E-08	5.26E+00	6.65E+00	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
MMN401	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
MMN402	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MMN403	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MMN404	8.51E-04	1.66E-01	3.05E-04	1.66E-01	0.00E+00	0.00E+00	3.13E-01	4.36E-07	1.04E-04	1.66E-03	0.00E+00	7.24E-03	2.09E-11	4.98E-10	2.38E-01	4.59E-03	0.00E+00	0.00E+00	2.99E-04	2.80E-02	4.19E+00	0.00E+00	8.03E-10	6.85E-09	3.26E-04	6.42E-06	1.11E+00	0.00E+00	4.19E+00	5.87E-08	4.19E+00	5.29E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
MMN406	1.50E-03	2.93E-01	5.38E-04	2.93E-01	0.00E+00	0.00E+00	5.52E-01	7.71E-07	1.83E-04	2.94E-03	0.00E+00	1.28E-02	3.69E-11	8.80E-10	4.21E-01	8.11E-03	0.00E+00	0.00E+00	5.28E-04	4.94E-02	7.39E+00	0.00E+00	1.42E-09	1.21E-08	5.76E-04	1.13E-05	1.95E+00	0.00E+00	7.39E+00	1.04E-07	7.39E+00	9.35E+00	1.95E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
MMN410	3.20E-03	6.25E-01	1.15E-03	6.24E-01	0.00E+00	0.00E+00	1.18E+00	1.64E-06	3.90E-04	6.27E-03	0.00E+00	2.73E-02	7.86E-11	1.88E-09	8.98E-01	1.73E-02	0.00E+00	0.00E+00	1.13E-03	1.05E-01	1.58E+01	0.00E+00	3.02E-09	2.58E-08	1.23E-03	2.42E-05	4.17E+00	0.00E+00	1.58E+01	2.21E-07	1.58E+01	1.99E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-02
MMN413	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MMN416	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MMN420	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MMN425	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
MMN432	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MMN440	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MMN450	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
MMN463	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
MN110P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MN110V3	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02

MN116P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN116V3	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MN120P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN120V	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MN120V1	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MN125P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MN125V1	6.84E-03	1.34E+00	2.45E-03	1.33E+00	0.00E+00	0.00E+00	2.51E+00	3.51E-06	8.33E-04	1.34E-02	0.00E+00	5.82E-02	1.68E-10	4.01E-09	1.92E+00	3.69E-02	0.00E+00	0.00E+00	2.40E-03	2.25E-01	3.37E+01	0.00E+00	6.46E-09	5.51E-08	2.62E-03	5.17E-05	8.90E+00	0.00E+00	3.37E+01	4.72E-07	3.37E+01	4.26E+01	8.90E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
MN132P	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MN132Z	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN140P	1.37E-02	2.67E+00	4.91E-03	2.67E+00	0.00E+00	0.00E+00	5.04E+00	7.03E-06	1.67E-03	2.68E-02	0.00E+00	1.17E-01	3.36E-10	8.03E-09	3.84E+00	7.40E-02	0.00E+00	0.00E+00	4.81E-03	4.51E-01	6.74E+01	0.00E+00	1.29E-08	1.10E-07	5.25E-03	1.03E-04	1.78E+01	0.00E+00	6.74E+01	9.45E-07	6.74E+01	8.53E+01	1.78E+01	0.00E+00	0.00E+00	0.00E+00	2.05E-01
MN140Z	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MN150Z	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MN163Z	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MN206V	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MN210V	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MN210V33	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MN216V	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN216V33	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MN220V	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MN220V33	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MN225V	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN225V1	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN225Z	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN232V	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN232V1	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN232Z	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN240V	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN240V1	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN250Z	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MN263Z	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MN306Z	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MN310Z	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MN320Z	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MN332Z	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MN340Z	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MN363Z	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MN463Z	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MN506V	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MN510V	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MN510V7	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MN516V	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN516V33	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MN520V	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MN520V7	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MN525V	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN525V1	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN532V	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN532V1	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN540V	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN540V1	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN906V	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MN910V	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.00E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.52E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.52E+01	3.54E-07	2.52E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MN916V	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MN920V	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MN925V	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MN932V	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MN940V	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MNN106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MNN110P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MNN116P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MNN120P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MNN125P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MNN132P	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MNN140P	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MNU106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MNU110P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MNU116P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MNU120P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MNU125P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MNU132P	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MNU140P	1.52E-02	2.97E+00	5.45E-03	2.96E+00	0.00E+00	0.00E+00	5.59E+00	7.80E-06	1.85E-03	2.97E-02	0.00E+00	1.29E-01	3.73E-10	8.91E-09	4.26E+00	8.21E-02	0.00E+00	0.00E+00	5.34E-03	5.00E-01	7.48E+01	0.00E+00	1.44E-08	1.22E-07	5.83E-03	1.15E-04	1.98E+01	0.00E+00	7.48E+01	1.05E-06	7.48E+01	9.46E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MNU216K	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MNU220K	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MNU225K	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MNU232K	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MNU240K	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MNU250K	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MNU263K	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MP120E	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MP215P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MP220P	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MP225P	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MR106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MR110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MR116	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02

MR120	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MR125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MR132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MR202	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MR210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MR216	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MR220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MR232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MR240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MR263	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MR310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MR316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MR320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MR325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MR332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MR340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MS110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MS110X	3.87E-03	7.56E-01	1.39E-03	7.54E-01	0.00E+00	0.00E+00	1.42E+00	1.99E-06	4.72E-04	7.58E-03	0.00E+00	3.30E-02	9.50E-11	2.27E-09	1.09E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-03	1.27E-01	1.91E+01	0.00E+00	3.66E-09	3.12E-08	1.48E-03	2.93E-05	5.04E+00	0.00E+00	1.91E+01	2.67E-07	1.91E+01	2.41E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
MS116X	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MS120	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MS120X	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
MS125X	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MS132X	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MS140X	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MS216X	1.10E-02	2.15E+00	3.94E-03	2.14E+00	0.00E+00	0.00E+00	4.04E+00	5.65E-06	1.34E-03	2.15E-02	0.00E+00	9.36E-02	2.70E-10	6.45E-09	3.08E+00	5.94E-02	0.00E+00	0.00E+00	3.86E-03	3.62E-01	5.42E+01	0.00E+00	1.04E-08	8.86E-08	4.22E-03	8.31E-05	1.43E+01	0.00E+00	5.42E+01	7.59E-07	5.42E+01	6.85E+01	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.64E-01
MS220X	1.18E-02	2.31E+00	4.24E-03	2.31E+00	0.00E+00	0.00E+00	4.35E+00	6.07E-06	1.44E-03	2.32E-02	0.00E+00	1.01E-01	2.90E-10	6.94E-09	3.32E+00	6.39E-02	0.00E+00	0.00E+00	4.16E-03	3.89E-01	5.83E+01	0.00E+00	1.12E-08	9.53E-08	4.54E-03	8.94E-05	1.54E+01	0.00E+00	5.83E+01	8.16E-07	5.83E+01	7.37E+01	1.54E+01	0.00E+00	0.00E+00	0.00E+00	1.77E-01
MS232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MS240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MS263	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MS310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MS310X	1.24E-02	2.42E+00	4.44E-03	2.41E+00	0.00E+00	0.00E+00	4.56E+00	6.36E-06	1.51E-03	2.43E-02	0.00E+00	1.05E-01	3.04E-10	7.27E-09	3.47E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.98E-08	4.75E-03	9.36E-05	1.61E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MS316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MS316X	1.70E-02	3.32E+00	6.10E-03	3.31E+00	0.00E+00	0.00E+00	6.25E+00	8.73E-06	2.07E-03	3.33E-02	0.00E+00	1.45E-01	4.17E-10	9.97E-09	4.77E+00	9.18E-02	0.00E+00	0.00E+00	5.98E-03	5.60E-01	8.37E+01	0.00E+00	1.61E-08	1.37E-07	6.52E-03	1.28E-04	2.21E+01	0.00E+00	8.37E+01	1.17E-06	8.37E+01	1.06E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	2.54E-01
MS320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MS320X	1.85E-02	3.61E+00	6.64E-03	3.61E+00	0.00E+00	0.00E+00	6.81E+00	9.50E-06	2.25E-03	3.62E-02	0.00E+00	1.58E-01	4.54E-10	1.09E-08	5.19E+00	9.99E-02	0.00E+00	0.00E+00	6.50E-03	6.09E-01	9.11E+01	0.00E+00	1.75E-08	1.49E-07	7.10E-03	1.40E-04	2.41E+01	0.00E+00	9.11E+01	1.28E-06	9.11E+01	1.15E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	2.77E-01
MS332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MS332X	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MS340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MS340X	4.01E-02	7.82E+00	1.44E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.06E-05	4.88E-03	7.84E-02	0.00E+00	3.41E-01	9.83E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.54E-02	3.03E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MSN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MSN106QB	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MSN110	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MSN110QB	2.81E-03	5.47E-01	1.01E-03	5.46E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	3.42E-04	5.49E-03	0.00E+00	2.39E-02	6.88E-11	1.64E-09	7.86E-01	1.51E-02	0.00E+00	0.00E+00	9.85E-04	9.23E-02	1.38E+01	0.00E+00	2.65E-09	2.26E-08	1.08E-03	2.12E-05	3.65E+00	0.00E+00	1.38E+01	1.93E-07	1.38E+01	1.75E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
MSN113	4.73E-03	9.22E-01	1.69E-03	9.20E-01	0.00E+00	0.00E+00	1.74E+00	2.42E-06	5.75E-04	9.24E-03	0.00E+00	4.02E-02	1.16E-10	2.77E-09	1.32E+00	2.55E-02	0.00E+00	0.00E+00	1.66E-03	1.55E-01	2.33E+01	0.00E+00	4.46E-09	3.80E-08	1.81E-03	3.57E-05	6.14E+00	0.00E+00	2.33E+01	3.26E-07	2.33E+01	2.94E+01	6.14E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02
MSN116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MSN120	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MSN120QB	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MSN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MSN125QB	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
MSN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MSN132QB	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MSN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MSN140QB	1.04E-02	2.02E+00	3.71E-03	2.02E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.03E-02	0.00E+00	8.81E-02	2.54E-10	6.07E-09	2.90E+00	5.59E-02	0.00E+00	0.00E+00	3.64E-03	3.41E-01	5.10E+01	0.00E+00	9.77E-09	8.33E-08	3.97E-03	7.82E-05	1.35E+01	0.00E+00	5.10E+01	7.14E-07	5.10E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MSN140R	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MSN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MSN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MSN163R	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MSN206	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MSN210	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MSN216	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MSN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MSN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MSN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MSN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MSN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MSN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MSN263R	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MSN306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MSN306QB	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MSN310	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MSN310QB	8.18E-03	1.60E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	6.96E-02	2.01E-10	4.79E-09	2.29E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.03E+01	0.00E+00	7.72E-09	6.58E-08	3.14E-03	6.18E-05	1.06E+01	0.00E+00	4.03E+01	5.64E-07	4.03E+01	5.09E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MSN316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MSN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MSN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MSN325QB	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MSN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MSN332QB	2.79E-02	5.44E+00	9.98E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.45E-02	0.00E+00	2.37E-01	6.83E-10	1.63E-08	7.80E+00	1.50E-01	0.00E+00	0.00E+00	9.78E-03	9.16E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MSN332R	2.79E-02	5.44E+00	9.98E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.45E-02	0.00E+00	2.37E-01	6.83E-10	1.63E-08	7.80E+00	1.50E-01	0.00E+00	0.00E+00	9.78E-03	9.16E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MSN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MSN340QB	3.61E-02	7.05E+00	1.29E-02	7.04E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.07E-02	0.00E+00	3.07E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.70E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.70E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MSN340R	3.61E-02	7.05E+00	1.29E-02	7.04E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.07E-02	0.00E+00	3.07E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.70E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.70E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MSN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MSN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MSN363R	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MSN463R	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.53E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.12E+01	0.00E+00	2.70E+02	3.77E-06	2.70E+02	3.41E+02	7.12E+01	0.00E+00	0.00E+00	0.00E+00	8.18E-01

MT106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MT110A	5.88E-03	1.15E+00	2.11E-03	1.15E+00	0.00E+00	0.00E+00	2.16E+00	3.02E-06	7.16E-04	1.15E-02	0.00E+00	5.00E-02	1.44E-10	3.45E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.07E-03	1.94E-01	2.90E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.65E+00	0.00E+00	2.90E+01	4.06E-07	2.90E+01	3.66E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
MT116A	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MT120A	5.97E-03	1.17E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.27E-04	1.17E-02	0.00E+00	5.08E-02	1.47E-10	3.50E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.94E+01	0.00E+00	5.64E-09	4.81E-08	2.29E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.12E-07	2.94E+01	3.72E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
MT125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MT132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MT140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MT150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MT163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MT206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MT210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MT216A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MT220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MT225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MT232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MT240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MT250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MT263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MT306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MT310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MT316A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MT320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MT325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MT332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MT340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MT350A	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MT363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MTN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MTN110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MTN116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MTN120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MTN125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MTN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MTN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MTN150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MTN163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MU102A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MU104A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MU106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MU110A	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MU116A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MU120A	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
MU125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MU132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MU140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MU150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MU163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MU202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MU206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MU210A	8.20E-03	1.60E+00	2.94E-03	1.60E+00	0.00E+00	0.00E+00	3.01E+00	4.21E-06	9.98E-04	1.60E-02	0.00E+00	6.98E-02	2.01E-10	4.80E-09	2.30E+00	4.43E-02	0.00E+00	0.00E+00	2.88E-03	2.70E-01	4.04E+01	0.00E+00	7.74E-09	6.60E-08	3.14E-03	6.19E-05	1.07E+01	0.00E+00	4.04E+01	5.65E-07	4.04E+01	5.10E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
MU216A	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MU220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MU225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MU232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MU240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MU250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MU263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MU302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MU306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MU310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MU316A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MU320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MU325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MU332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MU340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MU350A	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MU363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MU406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MU410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MU416A	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MU420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MU425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MU432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MU440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MU450A	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MU463A	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MUN106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MUN110A	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MUN116A	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MUN120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MUN125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MUN132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MUN140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MUN206A	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MUN210A	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02

MUN216A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MUN220A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MUN225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MUN232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MUN240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MUN250A	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MUN263A	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MUN306A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MUN310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MUN316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MUN320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MUN325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MUN332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MUN340A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MUN363A	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MUN406A	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MUN410A	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MUN416A	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MUN420A	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MUN425A	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MUN432A	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MUN440A	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MUN450A	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MUN463A	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MUN506A	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MUN510A	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MUN516A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MUN520A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MUN525A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MUN532A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MUN540A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MUN606A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MUN610A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MUN616A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MUN620A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MUN625A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MUN632A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MUN640A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MUN650A	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MUN663A	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MV106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MV106Z	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MV110	5.88E-03	1.15E+00	2.11E-03	1.15E+00	0.00E+00	0.00E+00	2.16E+00	3.02E-06	7.16E-04	1.15E-02	0.00E+00	5.00E-02	1.44E-10	3.45E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.07E-03	1.94E-01	2.90E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.65E+00	0.00E+00	2.90E+01	4.06E-07	2.90E+01	3.66E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
MV110Z	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MV116	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MV116Z	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MV120	5.97E-03	1.17E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.27E-04	1.17E-02	0.00E+00	5.08E-02	1.47E-10	3.50E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.94E+01	0.00E+00	5.64E-09	4.81E-08	2.29E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.12E-07	2.94E+01	3.72E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
MV120Z	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MV125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MV125Z	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MV132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MV132Z	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MV140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MV140Z	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MV206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MV210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MV216	9.00E-03	1.76E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.62E-06	1.10E-03	1.76E-02	0.00E+00	7.65E-02	2.21E-10	5.27E-09	2.52E+00	4.86E-02	0.00E+00	0.00E+00	3.16E-03	2.96E-01	4.43E+01	0.00E+00	8.49E-09	7.24E-08	3.45E-03	6.79E-05	1.17E+01	0.00E+00	4.43E+01	6.20E-07	4.43E+01	5.60E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MV220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MV225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MV232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MV240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MV306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MV310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MV316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MV320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MV325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MV332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MV340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MV406	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MV410	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MV416	2.84E-02	5.54E+00	1.02E-02	5.53E+00	0.00E+00	0.00E+00	1.04E+01	1.46E-05	3.46E-03	5.55E-02	0.00E+00	2.42E-01	6.97E-10	1.66E-08	7.96E+00	1.53E-01	0.00E+00	0.00E+00	9.97E-03	9.34E-01	1.40E+02	0.00E+00	2.68E-08	2.29E-07	1.09E-02	2.14E-04	3.69E+01	0.00E+00	1.40E+02	1.96E-06	1.40E+02	1.77E+02	3.69E+01	0.00E+00	0.00E+00	0.00E+00	4.24E-01
MV420	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MV425	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MV432	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MV440	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MW106	2.82E-02	5.51E+00	1.01E-02	5.50E+00	0.00E+00	0.00E+00	1.04E+01	1.45E-05	3.44E-03	5.53E-02	0.00E+00	2.42E-01	6.93E-10	1.66E-08	7.92E+00	1.53E-01	0.00E+00	0.00E+00	9.92E-03	9.31E-01	1.39E+02	0.00E+00	2.67E-08	2.27E-07	1.08E-02	2.14E-04	3.68E+01	0.00E+00	1.39E+02	1.95E-06	1.39E+02	1.76E+02	3.68E+01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
MW110	4.08E-03	7.79E-01	1.72E-02	7.62E-01	0.00E+00	0.00E+00	1.17E+00	1.87E-06	4.77E-04	7.65E-03	0.00E+00	2.15E-02	9.64E-11	2.28E-09	1.02E+00	2.07E-02	0.00E+00	0.00E+00	1.38E-03	1.17E-01	1.87E+01	0.00E+00	3.34E-09	3.19E-08	1.51E-03	2.77E-05	4.38E+00	0.00E+00	1.87E+01	2.53E-07	1.87E+01	2.31E+01	4.38E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-02
MW116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MW120	5.25E-03	1.00E+00	2.22E-02	9.82E-01	0.00E+00	0.00E+00	1.50E+00	2.40E-06	6.15E-04	9.86E-03	0.00E+00	2.77E-02	1.24E-10	2.94E-09	1.31E+00	2.66E-02	0.00E+00	0.00E+00	1.78E-03	1.51E-01	2.41E+01	0.00E+00	4.30E-09	4.11E-08	1.95E-03	3.57E-05	5.64E+00	0.00E+00	2.41E+01	3.25E-07	2.41E+01	2.97E+01	5.64E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
MW125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MW132	9.40E-03	1.83E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MW140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.69E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MW206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MW210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MW216	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01

MW220	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MW225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MW232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MW240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MW306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MW310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MW316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MW320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MW325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MW332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MW340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MW350	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
MW363	3.87E-02	7.55E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.71E-03	7.57E-02	0.00E+00	3.29E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.65E-08	3.11E-07	1.48E-02	2.92E-04	5.03E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.03E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MW406	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MW410	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MW416	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MW420	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MW425	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MW432	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MW440	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MWN102A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MWN104A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MWN106	2.55E-03	4.98E-01	9.15E-04	4.97E-01	0.00E+00	0.00E+00	9.38E-01	1.31E-06	3.11E-04	4.99E-03	0.00E+00	2.17E-02	6.26E-11	1.50E-09	7.15E-01	1.38E-02	0.00E+00	0.00E+00	8.96E-04	8.40E-02	1.26E+01	0.00E+00	2.41E-09	2.05E-08	9.78E-04	1.93E-05	3.32E+00	0.00E+00	1.26E+01	1.76E-07	1.26E+01	1.59E+01	3.32E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
MWN106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MWN110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MWN110A	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MWN116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MWN116A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MWN120	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MWN120A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MWN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MWN125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MWN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MWN132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MWN140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MWN150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MWN202A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MWN204A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN206	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MWN206A	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MWN210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN210A	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MWN216	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MWN216A	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MWN220A	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MWN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWN225A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MWN232A	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MWN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MWN240A	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MWN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MWN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MWN302A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MWN304A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MWN306	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN306A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWN310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MWN316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MWN316A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWN320A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MWN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MWN325A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWN332A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MWN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MWN340A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MWN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MWN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MWN406	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MWN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MWN416	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MWN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MWN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MWN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MWN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MWN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MWN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MWN510	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN516	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN520	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01

MWN525	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWN532	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MWN540	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MWN602A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MWN604A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MWN606A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN610A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MWN616A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWN620A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MWN625A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWN632A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MWN640A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MWS206A	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MWS210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWS216A	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWS220A	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MWS225A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWS232A	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MWS240A	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MWS306A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWS310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MWS316A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWS320A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MWS325A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWS332A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MWS340A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MWS606A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWS610A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MWS616A	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWS620A	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MWS625A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWS632A	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MWS640A	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MX106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MX110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MX113	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MX116	5.23E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.37E-04	1.02E-02	0.00E+00	4.45E-02	1.28E-10	3.07E-09	1.47E+00	2.82E-02	0.00E+00	0.00E+00	1.84E-03	1.72E-01	2.57E+01	0.00E+00	4.94E-09	4.21E-08	2.00E-03	3.95E-05	6.80E+00	0.00E+00	2.57E+01	3.61E-07	2.57E+01	3.26E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
MX120	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MX125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MX132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MX140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MX206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MX210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MX213	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MX216	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MX220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MX225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MX232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MX240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MX306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MX310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MX313	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MX316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MX320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MX325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MX332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MX340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MX406	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MX410	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
MX416	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MX420	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MX425	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MX432	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MX440	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MXN106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MXN110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MXN116	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MXN150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MXN163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MXN206	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
MXN210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MXN216	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MXN220	1.20E-02	2.34E+00	4.29E-03	2.33E+00	0.00E+00	0.00E+00	4.40E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.02E-09	3.36E+00	6.47E-02	0.00E+00	0.00E+00	4.21E-03	3.94E-01	5.90E+01	0.00E+00	1.13E-08	9.64E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.90E+01	8.26E-07	5.90E+01	7.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MXN225	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MXN232	1.93E-02	3.76E+00	6.90E-03	3.75E+00	0.00E+00	0.00E+00	7.08E+00	9.88E-06	2.34E-03	3.77E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.40E+00	1.04E-01	0.00E+00	0.00E+00	6.76E-03	6.34E-01	9.48E+01	0.00E+00	1.82E-08	1.55E-07	7.38E-03	1.45E-04	2.50E+01	0.00E+00	9.48E+01	1.33E-06	9.48E+01	1.20E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	2.88E-01
MXN240	2.25E-02	4.39E+00	8.06E-03	4.38E+00	0.00E+00	0.00E+00	8.26E+00	1.15E-05	2.74E-03	4.40E-02	0.00E+00	1.91E-01	5.51E-10	1.32E-08	6.30E+00	1.21E-01	0.00E+00	0.00E+00	7.90E-03	7.40E-01	1.11E+02	0.00E+00	2.12E-08	1.81E-07	8.62E-03	1.70E-04	2.92E+01	0.00E+00	1.11E+02	1.55E-06	1.11E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
MXN250	1.97E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.40E-03	3.85E-02	0.00E+00	1.68E-01	4.83E-10	1.15E-08	5.52E+00	1.06E-01	0.00E+00	0.00E+00	6.92E-03	6.48E-01	9.69E+01	0.00E+00	1.86E-08	1.58E-07	7.55E-03	1.49E-04	2.56E+01	0.00E+00	9.69E+01	1.36E-06	9.69E+01	1.23E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MXN263	2.44E-02	4.76E+00	8.74E-03	4.75E+00	0.00E+00	0.00E+00	8.97E+00	1.25E-05	2.97E-03	4.77E-02	0.00E+00	2.08E-01	5.99E-10	1.43E-08	6.84E+00	1.32E-01	0.00E+00	0.00E+00	8.57E-03	8.03E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.35E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
MXN310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MXN316	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MXN320	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MXN325	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MXN350	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MXN363	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MXN406	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01

MXN410	1.67E-02	3.26E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.13E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.42E-01	4.09E-10	9.78E-09	4.68E+00	9.01E-02	0.00E+00	0.00E+00	5.86E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.40E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MXN416	2.31E-02	4.51E+00	8.28E-03	4.50E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.52E-02	0.00E+00	1.97E-01	5.67E-10	1.35E-08	6.48E+00	1.25E-01	0.00E+00	0.00E+00	8.12E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.86E-03	1.75E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MXN420	2.51E-02	4.89E+00	8.98E-03	4.88E+00	0.00E+00	0.00E+00	9.21E+00	1.29E-05	3.05E-03	4.90E-02	0.00E+00	2.13E-01	6.15E-10	1.47E-08	7.02E+00	1.35E-01	0.00E+00	0.00E+00	8.80E-03	8.24E-01	1.23E+02	0.00E+00	2.36E-08	2.02E-07	9.60E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MXN425	2.87E-02	5.60E+00	1.03E-02	5.59E+00	0.00E+00	0.00E+00	1.05E+01	1.47E-05	3.49E-03	5.61E-02	0.00E+00	2.44E-01	7.04E-10	1.68E-08	8.04E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.44E-01	1.41E+02	0.00E+00	2.71E-08	2.31E-07	1.10E-02	2.17E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.79E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
MXN432	3.77E-02	7.35E+00	1.35E-02	7.33E+00	0.00E+00	0.00E+00	1.38E+01	1.93E-05	4.59E-03	7.37E-02	0.00E+00	3.20E-01	9.24E-10	2.21E-08	1.06E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MXN440	4.80E-02	9.36E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.08E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MXN450	4.24E-02	8.27E+00	1.52E-02	8.25E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.16E-03	8.29E-02	0.00E+00	3.61E-01	1.04E-09	2.48E-08	1.19E+01	2.29E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.09E+02	0.00E+00	4.00E-08	3.41E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.09E+02	2.92E-06	2.09E+02	2.64E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-01
MXN463	5.48E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.01E+01	2.81E-05	6.67E-03	1.07E-01	0.00E+00	4.66E-01	1.34E-09	3.21E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.70E+02	0.00E+00	5.17E-08	4.41E-07	2.10E-02	4.14E-04	7.13E+01	0.00E+00	2.70E+02	3.78E-06	2.70E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-01
MY101	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MY101E	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
MY102	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MY102E	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MY103	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MY103E	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MY104	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MY104E	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
MY106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MY106E	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MY106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MY110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MY110E	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
MY110P	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MY113	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MY116	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MY116E	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
MY116P	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MY120	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MY120E	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
MY120P	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MY125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MY125E	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MY125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MY132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MY132E	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MY132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MY140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MY140E	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MY140P	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MY150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MY150E	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MY163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MY163E	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MY201	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MY201E	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
MY202	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MY202E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
MY203	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY203E	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY204	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY204E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MY206E	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MY206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MY210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY210P	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
MY213	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MY216	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MY216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MY216P	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MY220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY220E	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY225E	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY225V	1.42E-02	2.78E+00	5.10E-03	2.77E+00	0.00E+00	0.00E+00	5.23E+00	7.30E-06	1.73E-03	2.78E-02	0.00E+00	1.21E-01	3.49E-10	8.34E-09	3.99E+00	7.68E-02	0.00E+00	0.00E+00	5.00E-03	4.68E-01	7.00E+01	0.00E+00	1.34E-08	1.14E-07	5.45E-03	1.07E-04	1.85E+01	0.00E+00	7.00E+01	9.81E-07	7.00E+01	8.85E+01	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
MY232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY232E	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY232P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY232V	1.56E-02	3.03E+00	5.57E-03	3.03E+00	0.00E+00	0.00E+00	5.71E+00	7.98E-06	1.89E-03	3.04E-02	0.00E+00	1.32E-01	3.81E-10	9.11E-09	4.36E+00	8.39E-02	0.00E+00	0.00E+00	5.46E-03	5.11E-01	7.65E+01	0.00E+00	1.47E-08	1.25E-07	5.96E-03	1.17E-04	2.02E+01	0.00E+00	7.65E+01	1.07E-06	7.65E+01	9.68E+01	2.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01
MY240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY240E	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY250	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MY250E	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
MY263	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MY263E	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MY301	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
MY301E	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
MY302	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MY303	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MY304	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MY306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY306E	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01

MY306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MY310E	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MY310P	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MY313	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MY316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MY316E	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MY316P	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
MY320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY320E	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MY325E	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MY325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MY332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MY332E	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MY332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MY340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MY340E	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MY340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MY350	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MY350E	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MY363	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MY363E	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
MY406P	7.37E-03	1.44E+00	2.64E-03	1.43E+00	0.00E+00	0.00E+00	2.71E+00	3.78E-06	8.97E-04	1.44E-02	0.00E+00	6.27E-02	1.81E-10	4.32E-09	2.06E+00	3.98E-02	0.00E+00	0.00E+00	2.59E-03	2.42E-01	3.63E+01	0.00E+00	6.95E-09	5.93E-08	2.82E-03	5.56E-05	9.58E+00	0.00E+00	3.63E+01	5.08E-07	3.63E+01	4.58E+01	9.58E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
MY410P	1.28E-02	2.49E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.69E+00	6.55E-06	1.55E-03	2.50E-02	0.00E+00	1.09E-01	3.13E-10	7.48E-09	3.57E+00	6.89E-02	0.00E+00	0.00E+00	4.48E-03	4.20E-01	6.28E+01	0.00E+00	1.20E-08	1.03E-07	4.89E-03	9.64E-05	1.66E+01	0.00E+00	6.28E+01	8.80E-07	6.28E+01	7.94E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.91E-01
MY416P	1.87E-02	3.65E+00	6.71E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.60E-06	2.28E-03	3.66E-02	0.00E+00	1.59E-01	4.59E-10	1.10E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.57E-03	6.16E-01	9.21E+01	0.00E+00	1.77E-08	1.51E-07	7.17E-03	1.41E-04	2.43E+01	0.00E+00	9.21E+01	1.29E-06	9.21E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.80E-01
MY420E	2.48E-02	4.84E+00	8.89E-03	4.83E+00	0.00E+00	0.00E+00	9.12E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.11E-01	6.09E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.51E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MY420P	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
MY425E	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MY425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
MY432E	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MY432P	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
MY440E	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MY440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
MY450E	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MY463E	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
MY525V	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY532V	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY706P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
MY716P	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MY720P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY725P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY732P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY740P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MYN106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
MYN110	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
MYN116	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MYN120	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MYN125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
MYN132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MYN140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
MYN150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MYN163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MYN206	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MYN210	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MYN216	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MYN220	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MYN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MYN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MYN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MYN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MYN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
MYN306	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MYN310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
MYN316	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MYN320	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MYN325	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MYN332	2.78E-02	5.43E+00	9.97E-03	5.42E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.39E-03	5.44E-02	0.00E+00	2.37E-01	6.82E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.77E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.24E-07	1.07E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MYN340	3.62E-02	7.06E+00	1.30E-02	7.05E+00	0.00E+00	0.00E+00	1.33E+01	1.86E-05	4.41E-03	7.08E-02	0.00E+00	3.08E-01	8.88E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.42E-08	2.91E-07	1.39E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MYN350	3.49E-02	6.81E+00	1.25E-02	6.80E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.25E-03	6.83E-02	0.00E+00	2.97E-01	8.56E-10	2.04E-08	9.78E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.81E-07	1.34E-02	2.64E-04	4.54E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MYN363	3.92E-02	7.64E+00	1.40E-02	7.63E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.77E-03	7.66E-02	0.00E+00	3.33E-01	9.61E-10	2.30E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.38E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.09E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MYN406	1.07E-02	2.09E+00	3.83E-03	2.08E+00	0.00E+00	0.00E+00	3.93E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.10E-02	2.62E-10	6.27E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.76E-03	3.52E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.08E-05	1.39E+01	0.00E+00	5.27E+01	7.38E-07	5.27E+01	6.66E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MYN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MYN416	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MYN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MYN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MYN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MYN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MYN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MYN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MYN506	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.42E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.90E-09	4.18E-08	1.99E-03	3.92E-05	6.76E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MYN510	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MYN516	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MYN520	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01

MYN525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MYN532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MYN540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MZ240V	2.42E-01	4.72E+01	8.69E-02	4.71E+01	0.00E+00	0.00E+00	8.92E+01	1.24E-04	2.95E-02	4.74E-01	0.00E+00	2.07E+00	5.94E-09	1.42E-07	6.79E+01	1.31E+00	0.00E+00	0.00E+00	8.50E-02	7.97E+00	1.19E+03	0.00E+00	2.29E-07	1.95E-06	9.28E-02	1.83E-03	3.16E+02	0.00E+00	1.19E+03	1.67E-05	1.19E+03	1.51E+03	3.16E+02	0.00E+00	0.00E+00	0.00E+00	3.62E+00
NAN116S	3.64E-03	7.10E-01	1.30E-03	7.08E-01	0.00E+00	0.00E+00	1.34E+00	1.87E-06	4.43E-04	7.12E-03	0.00E+00	3.10E-02	8.93E-11	2.13E-09	1.02E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-03	1.20E-01	1.79E+01	0.00E+00	3.43E-09	2.93E-08	1.39E-03	2.75E-05	4.73E+00	0.00E+00	1.79E+01	2.51E-07	1.79E+01	2.26E+01	4.73E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-02
NAN120S	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
NAN125S	5.36E-03	1.05E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.75E-06	6.52E-04	1.05E-02	0.00E+00	4.56E-02	1.31E-10	3.14E-09	1.50E+00	2.89E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.64E+01	0.00E+00	5.06E-09	4.31E-08	2.05E-03	4.05E-05	6.97E+00	0.00E+00	2.64E+01	3.69E-07	2.64E+01	3.33E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
NAN225	1.16E-02	2.26E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.41E-03	2.26E-02	0.00E+00	9.84E-02	2.84E-10	6.78E-09	3.24E+00	6.24E-02	0.00E+00	0.00E+00	4.06E-03	3.80E-01	5.69E+01	0.00E+00	1.09E-08	9.31E-08	4.43E-03	8.73E-05	1.50E+01	0.00E+00	5.69E+01	7.97E-07	5.69E+01	7.20E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.73E-01
NAN232	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
NAN240	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NAN250	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NAN263	2.59E-02	5.05E+00	9.28E-03	5.04E+00	0.00E+00	0.00E+00	9.52E+00	1.33E-05	3.15E-03	5.07E-02	0.00E+00	2.20E-01	6.35E-10	1.52E-08	7.26E+00	1.40E-01	0.00E+00	0.00E+00	9.10E-03	8.52E-01	1.27E+02	0.00E+00	2.45E-08	2.08E-07	9.93E-03	1.96E-04	3.37E+01	0.00E+00	1.27E+02	1.79E-06	1.27E+02	1.61E+02	3.37E+01	0.00E+00	0.00E+00	0.00E+00	3.87E-01
NAN316S	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NAN320S	1.31E-02	2.55E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.70E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.65E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	5.00E-03	9.86E-05	1.70E+01	0.00E+00	6.42E+01	9.00E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
NAN325	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NAN325S	1.76E-02	3.43E+00	6.29E-03	3.42E+00	0.00E+00	0.00E+00	6.45E+00	9.01E-06	2.14E-03	3.43E-02	0.00E+00	1.49E-01	4.31E-10	1.03E-08	4.92E+00	9.48E-02	0.00E+00	0.00E+00	6.17E-03	5.78E-01	8.64E+01	0.00E+00	1.66E-08	1.41E-07	6.73E-03	1.33E-04	2.28E+01	0.00E+00	8.64E+01	1.21E-06	8.64E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NAN332	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NAN340	1.99E-02	3.89E+00	7.13E-03	3.88E+00	0.00E+00	0.00E+00	7.32E+00	1.02E-05	2.42E-03	3.89E-02	0.00E+00	1.69E-01	4.88E-10	1.17E-08	5.58E+00	1.07E-01	0.00E+00	0.00E+00	6.99E-03	6.55E-01	9.80E+01	0.00E+00	1.88E-08	1.60E-07	7.63E-03	1.50E-04	2.59E+01	0.00E+00	9.80E+01	1.37E-06	9.80E+01	1.24E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
NAN350	3.13E-02	6.10E+00	1.12E-02	6.09E+00	0.00E+00	0.00E+00	1.15E+01	1.60E-05	3.81E-03	6.11E-02	0.00E+00	2.66E-01	7.67E-10	1.83E-08	8.76E+00	1.69E-01	0.00E+00	0.00E+00	1.10E-02	1.03E+00	1.54E+02	0.00E+00	2.95E-08	2.52E-07	1.20E-02	2.36E-04	4.07E+01	0.00E+00	1.54E+02	2.16E-06	1.54E+02	1.95E+02	4.07E+01	0.00E+00	0.00E+00	0.00E+00	4.67E-01
NAN363	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NAN425	2.14E-02	4.18E+00	7.67E-03	4.17E+00	0.00E+00	0.00E+00	7.87E+00	1.10E-05	2.61E-03	4.19E-02	0.00E+00	1.82E-01	5.25E-10	1.25E-08	6.00E+00	1.16E-01	0.00E+00	0.00E+00	7.52E-03	7.04E-01	1.05E+02	0.00E+00	2.02E-08	1.72E-07	8.21E-03	1.62E-04	2.78E+01	0.00E+00	1.05E+02	1.48E-06	1.05E+02	1.33E+02	2.78E+01	0.00E+00	0.00E+00	0.00E+00	3.20E-01
NAN432	3.13E-02	6.10E+00	1.12E-02	6.09E+00	0.00E+00	0.00E+00	1.15E+01	1.60E-05	3.81E-03	6.11E-02	0.00E+00	2.66E-01	7.67E-10	1.83E-08	8.76E+00	1.69E-01	0.00E+00	0.00E+00	1.10E-02	1.03E+00	1.54E+02	0.00E+00	2.95E-08	2.52E-07	1.20E-02	2.36E-04	4.07E+01	0.00E+00	1.54E+02	2.16E-06	1.54E+02	1.95E+02	4.07E+01	0.00E+00	0.00E+00	0.00E+00	4.67E-01
NAN440	2.40E-02	4.68E+00	8.59E-03	4.67E+00	0.00E+00	0.00E+00	8.81E+00	1.23E-05	2.92E-03	4.69E-02	0.00E+00	2.04E-01	5.88E-10	1.40E-08	6.71E+00	1.29E-01	0.00E+00	0.00E+00	8.42E-03	7.88E-01	1.18E+02	0.00E+00	2.26E-08	1.93E-07	9.18E-03	1.81E-04	3.12E+01	0.00E+00	1.18E+02	1.65E-06	1.18E+02	1.49E+02	3.12E+01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
NAN450	3.83E-02	7.48E+00	1.37E-02	7.46E+00	0.00E+00	0.00E+00	1.41E+01	1.97E-05	4.67E-03	7.49E-02	0.00E+00	3.26E-01	9.40E-10	2.25E-08	1.07E+01	2.07E-01	0.00E+00	0.00E+00	1.35E-02	1.26E+00	1.89E+02	0.00E+00	3.62E-08	3.08E-07	1.47E-02	2.89E-04	4.98E+01	0.00E+00	1.89E+02	2.64E-06	1.89E+02	2.38E+02	4.98E+01	0.00E+00	0.00E+00	0.00E+00	5.73E-01
NAN463	5.76E-02	1.12E+01	2.06E-02	1.12E+01	0.00E+00	0.00E+00	2.12E+01	2.95E-05	7.01E-03	1.13E-01	0.00E+00	4.90E-01	1.41E-09	3.37E-08	1.61E+01	3.11E-01	0.00E+00	0.00E+00	2.02E-02	1.89E+00	2.83E+02	0.00E+00	5.44E-08	4.63E-07	2.21E-02	4.35E-04	7.49E+01	0.00E+00	2.83E+02	3.97E-06	2.83E+02	3.58E+02	7.49E+01	0.00E+00	0.00E+00	0.00E+00	8.61E-01
NB106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NB110A	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NB113A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NB116A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NB120A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NB125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NB132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NB140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NB150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NB163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NB206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NB210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NB213A	9.63E-03	1.88E+00	3.45E-03	1.88E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.19E-02	2.36E-10	5.64E-09	2.70E+00	5.20E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.74E+01	0.00E+00	9.09E-09	7.75E-08	3.69E-03	7.27E-05	1.25E+01	0.00E+00	4.74E+01	6.64E-07	4.74E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
NB216A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NB220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NB225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NB232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NB240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NB250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NB263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NB306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NB310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NB313A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NB316A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NB320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NB325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NB332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NB340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
NB350A	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NB363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NB406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NB410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NB413A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NB416A	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NB420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NB425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NB432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
NB440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NB450A	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NB463A	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NBN006	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NBN010	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NBN013	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NBN016	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NBN020	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NBN025	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NBN032	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NBN040	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NBN050	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NBN063	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN106	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NBN106A	3.33E-03	6.36E-01	1.40E-02	6.22E-01	0.00E+00	0.00E+00	9.53E-01	1.52E-06	3.89E-04	6.24E-03	0.00E+00	1.76E-02	7.86E-11	1.86E-09	8.32E-01	1.69E-02	0.00E+00	0.00E+00	1.13E-03	9.58E-02	1.52E+01	0.00E+00	2.72E-09	2.61E-08	1.23E-03	2.26E-05	3.57E+00	0.00E+00	1.52E+01	2.06E-07	1.52E+01	1.88E+01	3.57E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
NBN106N	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NBN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NBN110A	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NBN110N	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NBN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NBN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.87E-06	6.81E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.14E-03	4.23E-05	7.29E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.29E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
NBN116A	6.55E-03	1.25E+00	2.77E-02	1.22E+00	0.00E+00	0.00E+00	1.88E+00	3.00E-06	7.67E-04	1.23E-02	0.00E+00	3.46E-02	1.55E-10	3.67E-09	1.64E+00	3.32E-02	0.00E+00	0.00E+00	2.22E-03	1.89E-01	3.00E+01	0.00E+00	5.36E-09	5.13E-08	2.43E-03	4.45E-05	7.03E+00	0.00E+00	3.00E+01	4.06E-07	3.00E+01	3.71E+01	7.03E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-02
NBN116N	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02

NBN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NBN120A	6.40E-03	1.22E+00	2.70E-02	1.20E+00	0.00E+00	0.00E+00	1.83E+00	2.93E-06	7.49E-04	1.20E-02	0.00E+00	3.38E-02	1.51E-10	3.58E-09	1.60E+00	3.24E-02	0.00E+00	0.00E+00	2.17E-03	1.84E-01	2.93E+01	0.00E+00	5.24E-09	5.01E-08	2.38E-03	4.35E-05	6.87E+00	0.00E+00	2.93E+01	3.97E-07	2.93E+01	3.62E+01	6.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-02
NBN120N	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NBN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NBN125A	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NBN125N	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NBN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NBN132A	9.13E-03	1.74E+00	3.85E-02	1.71E+00	0.00E+00	0.00E+00	2.62E+00	4.18E-06	1.07E-03	1.71E-02	0.00E+00	4.82E-02	2.16E-10	5.11E-09	2.28E+00	4.63E-02	0.00E+00	0.00E+00	3.09E-03	2.63E-01	4.18E+01	0.00E+00	7.47E-09	7.15E-08	3.39E-03	6.20E-05	9.80E+00	0.00E+00	4.18E+01	5.66E-07	4.18E+01	5.16E+01	9.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NBN132N	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NBN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NBN140A	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NBN140N	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NBN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NBN150A	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NBN150N	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NBN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN163A	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN163N	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NBN163R	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NBN206A	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NBN206N	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NBN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NBN210A	9.47E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NBN210N	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NBN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NBN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NBN216A	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NBN216N	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NBN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NBN220A	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NBN220N	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NBN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NBN225A	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NBN225N	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NBN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NBN232A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NBN232N	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NBN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NBN240A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NBN240N	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NBN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NBN250A	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NBN250N	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NBN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NBN263A	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NBN263N	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NBN263R	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NBN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NBN306A	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NBN306N	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NBN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NBN310A	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NBN310N	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NBN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NBN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NBN316A	1.90E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NBN316N	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NBN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NBN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NBN320N	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NBN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NBN325A	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NBN325N	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NBN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NBN332A	3.08E-02	5.88E+00	1.30E-01	5.75E+00	0.00E+00	0.00E+00	8.81E+00	1.41E-05	3.60E-03	5.77E-02	0.00E+00	1.62E-01	7.27E-10	1.72E-08	7.69E+00	1.56E-01	0.00E+00	0.00E+00	1.04E-02	8.86E-01	1.41E+02	0.00E+00	2.52E-08	2.41E-07	1.14E-02	2.09E-04	3.30E+01	0.00E+00	1.41E+02	1.91E-06	1.41E+02	1.74E+02	3.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-01
NBN332N	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NBN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NBN340A	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NBN340N	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-01
NBN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NBN350A	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NBN350N	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NBN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NBN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NBN363N	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NBN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NBN406A	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NBN406N	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NBN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NBN410A	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NBN410N	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NBN413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NBN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NBN416A	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01

NBN416N	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NBN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NBN420A	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NBN420N	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NBN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NBN425A	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NBN425N	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NBN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NBN432A	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NBN432N	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
NBN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NBN440A	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NBN440N	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NBN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NBN450A	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NBN450N	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NBN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NBN463A	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NBN463N	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NBN506	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NBN510	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NBN513	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NBN516	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NBN520	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NBN525	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NBN532	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NBN540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NBN550	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NBN563	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NBN606	1.16E-02	2.27E+00	4.17E-03	2.26E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.27E-02	0.00E+00	9.94E-02	2.85E-10	6.81E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.08E-03	3.83E-01	5.72E+01	0.00E+00	1.10E-08	9.35E-08	4.45E-03	8.79E-05	1.51E+01	0.00E+00	5.72E+01	8.02E-07	5.72E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NBN610	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NBN613	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NBN616	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NBN620	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NBN625	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NBN632	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NBN640	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NBN650	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NBN663	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NC101A	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NC101E	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NC103A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NC104E	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NC106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NC110A	3.84E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NC110E	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NC110P	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NC113A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NC116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NC116P	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NC120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NC120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NC125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NC125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NC132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NC132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NC140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NC140P	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NC150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NC150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NC163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NC200A	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
NC201A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NC202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
NC202E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
NC203A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NC204A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC204E	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NC206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NC210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC213A	9.61E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
NC216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NC216P	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NC220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NC220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NC225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NC225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NC232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NC232E	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NC232P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NC240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NC240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NC250A	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01

NC250P	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NC263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NC263P	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NC300A	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
NC301A	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
NC302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NC303A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NC304A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NC306A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NC306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NC310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NC313A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NC316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NC316P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NC320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NC320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NC325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NC325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NC332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NC332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NC340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NC340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
NC350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.18E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NC350P	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NC363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NC363P	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NC400A	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NC401A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NC402A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NC403A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NC404A	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NC406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NC410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NC413A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NC416A	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NC420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NC425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NC425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NC432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
NC440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NC440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NC450A	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NC450P	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NC463A	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NC463P	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NCN002	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NCN003	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NCN004	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NCN006	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NCN010	3.99E-03	7.79E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.81E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NCN013	4.93E-03	9.63E-01	1.77E-03	9.61E-01	0.00E+00	0.00E+00	1.82E+00	2.53E-06	6.01E-04	9.65E-03	0.00E+00	4.22E-02	1.21E-10	2.89E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.63E-01	2.43E+01	0.00E+00	4.67E-09	3.97E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-02
NCN016	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.87E-06	6.81E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.14E-03	4.23E-05	7.29E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.29E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
NCN020	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.20E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NCN025	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NCN032	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NCN040	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NCN050	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NCN063	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NCN100A	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NCN100N	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NCN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NCN101A	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NCN101N	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NCN102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NCN102A	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NCN102N	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NCN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NCN103A	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NCN103N	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NCN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NCN104A	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NCN104N	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NCN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NCN106A	3.33E-03	6.36E-01	1.40E-02	6.22E-01	0.00E+00	0.00E+00	9.53E-01	1.52E-06	3.89E-04	6.24E-03	0.00E+00	1.76E-02	7.86E-11	1.86E-09	8.32E-01	1.69E-02	0.00E+00	0.00E+00	1.13E-03	9.58E-02	1.52E+01	0.00E+00	2.72E-09	2.61E-08	1.23E-03	2.26E-05	3.57E+00	0.00E+00	1.52E+01	2.06E-07	1.52E+01	1.88E+01	3.57E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
NCN106N	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NCN106P	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NCN108A	2.61E-03	5.09E-01	9.34E-04	5.08E-01	0.00E+00	0.00E+00	9.58E-01	1.34E-06	3.17E-04	5.10E-03	0.00E+00	2.22E-02	6.39E-11	1.53E-09	7.30E-01	1.41E-02	0.00E+00	0.00E+00	9.15E-04	8.57E-02	1.28E+01	0.00E+00	2.46E-09	2.10E-08	9.99E-04	1.97E-05	3.39E+00	0.00E+00	1.28E+01	1.80E-07	1.28E+01	1.62E+01	3.39E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-02
NCN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NCN110A	4.68E-03	8.94E-01	1.97E-02	8.74E-01	0.00E+00	0.00E+00	1.34E+00	2.14E-06	5.47E-04	8.78E-03	0.00E+00	2.47E-02	1.11E-10	2.62E-09	1.17E+00	2.37E-02	0.00E+00	0.00E+00	1.58E-03	1.35E-01	2.14E+01	0.00E+00	3.83E-09	3.66E-08	1.74E-03	3.17E-05	5.02E+00	0.00E+00	2.14E+01	2.90E-07	2.14E+01	2.65E+01	5.02E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02
NCN110N	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NCN110P	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NCN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NCN113A	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NCN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02

NCN116A	6.55E-03	1.25E+00	2.77E-02	1.22E+00	0.00E+00	0.00E+00	1.88E+00	3.00E-06	7.67E-04	1.23E-02	0.00E+00	3.46E-02	1.55E-10	3.67E-09	1.64E+00	3.32E-02	0.00E+00	0.00E+00	2.22E-03	1.89E-01	3.00E+01	0.00E+00	5.36E-09	5.13E-08	2.43E-03	4.45E-05	7.03E+00	0.00E+00	3.00E+01	4.06E-07	3.00E+01	3.71E+01	7.03E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-02
NCN116N	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NCN116P	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NCN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NCN120A	6.40E-03	1.22E+00	2.70E-02	1.20E+00	0.00E+00	0.00E+00	1.83E+00	2.93E-06	7.49E-04	1.20E-02	0.00E+00	3.38E-02	1.51E-10	3.58E-09	1.60E+00	3.24E-02	0.00E+00	0.00E+00	2.17E-03	1.84E-01	2.93E+01	0.00E+00	5.24E-09	5.01E-08	2.38E-03	4.35E-05	6.87E+00	0.00E+00	2.93E+01	3.97E-07	2.93E+01	3.62E+01	6.87E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-02
NCN120N	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NCN120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NCN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NCN125A	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NCN125N	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NCN125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NCN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NCN132A	9.13E-03	1.74E+00	3.85E-02	1.71E+00	0.00E+00	0.00E+00	2.62E+00	4.18E-06	1.07E-03	1.71E-02	0.00E+00	4.82E-02	2.16E-10	5.11E-09	2.28E+00	4.63E-02	0.00E+00	0.00E+00	3.09E-03	2.63E-01	4.18E+01	0.00E+00	7.47E-09	7.15E-08	3.39E-03	6.20E-05	9.80E+00	0.00E+00	4.18E+01	5.66E-07	4.18E+01	5.16E+01	9.80E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN132N	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NCN132P	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NCN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NCN140A	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NCN140N	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NCN140P	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NCN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NCN150A	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NCN150N	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NCN150P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NCN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN163A	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN163N	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NCN163P	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NCN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NCN200A	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NCN200N	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
NCN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NCN201A	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NCN201N	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NCN201P	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NCN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NCN202A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NCN202N	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
NCN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NCN203A	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NCN203N	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NCN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NCN204A	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NCN204N	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN204P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NCN206A	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NCN206N	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NCN206P	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NCN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN210A	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN210N	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NCN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN216A	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN216N	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NCN216P	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NCN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN220A	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN220N	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NCN220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NCN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NCN225A	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NCN225N	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NCN225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NCN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN232A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN232N	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NCN232P	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NCN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NCN240A	1.68E-02	3.20E+00	7.07E-02	3.13E+00	0.00E+00	0.00E+00	4.80E+00	7.67E-06	1.96E-03	3.15E-02	0.00E+00	8.84E-02	3.96E-10	9.38E-09	4.19E+00	8.49E-02	0.00E+00	0.00E+00	5.67E-03	4.83E-01	7.68E+01	0.00E+00	1.37E-08	1.31E-07	6.22E-03	1.14E-04	1.80E+01	0.00E+00	7.68E+01	1.04E-06	7.68E+01	9.48E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.43E-01
NCN240N	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NCN240P	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NCN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NCN250A	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NCN250N	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NCN250P	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NCN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NCN263A	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NCN263N	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NCN263P	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NCN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NCN300N	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
NCN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NCN301A	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01

NCN301N	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
NCN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NCN302A	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NCN302N	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NCN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NCN303A	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NCN303N	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NCN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NCN304A	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NCN304N	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NCN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NCN306A	8.67E-03	1.69E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.20E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.42E-02	2.13E-10	5.08E-09	2.43E+00	4.68E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.27E+01	0.00E+00	8.20E-09	6.98E-08	3.32E-03	6.56E-05	1.13E+01	0.00E+00	4.27E+01	5.99E-07	4.27E+01	5.40E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NCN306N	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NCN306P	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NCN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NCN310A	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NCN310N	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NCN310P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NCN313	1.36E-02	2.66E+00	4.89E-03	2.65E+00	0.00E+00	0.00E+00	5.02E+00	6.99E-06	1.66E-03	2.66E-02	0.00E+00	1.16E-01	3.34E-10	7.98E-09	3.82E+00	7.35E-02	0.00E+00	0.00E+00	4.78E-03	4.48E-01	6.70E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.70E+01	9.39E-07	6.70E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.03E-01
NCN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NCN316A	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NCN316N	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NCN316P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NCN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NCN320N	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NCN320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NCN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NCN325A	2.52E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NCN325N	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NCN325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NCN332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NCN332A	3.08E-02	5.88E+00	1.30E-01	5.75E+00	0.00E+00	0.00E+00	8.81E+00	1.41E-05	3.60E-03	5.77E-02	0.00E+00	1.62E-01	7.27E-10	1.72E-08	7.69E+00	1.56E-01	0.00E+00	0.00E+00	1.04E-02	8.86E-01	1.41E+02	0.00E+00	2.52E-08	2.41E-07	1.14E-02	2.09E-04	3.30E+01	0.00E+00	1.41E+02	1.91E-06	1.41E+02	1.74E+02	3.30E+01	0.00E+00	0.00E+00	0.00E+00	4.46E-01
NCN332N	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NCN332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NCN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NCN340A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
NCN340N	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NCN340P	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
NCN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NCN350A	3.85E-02	7.36E+00	1.63E-01	7.20E+00	0.00E+00	0.00E+00	1.10E+01	1.76E-05	4.51E-03	7.23E-02	0.00E+00	2.03E-01	9.10E-10	2.16E-08	9.63E+00	1.95E-01	0.00E+00	0.00E+00	1.30E-02	1.11E+00	1.77E+02	0.00E+00	3.15E-08	3.02E-07	1.43E-02	2.61E-04	4.13E+01	0.00E+00	1.77E+02	2.39E-06	1.77E+02	2.18E+02	4.13E+01	0.00E+00	0.00E+00	0.00E+00	5.58E-01
NCN350N	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.18E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NCN350P	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NCN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NCN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NCN363N	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NCN363P	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NCN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN400A	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN400N	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NCN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NCN401N	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NCN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NCN402A	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NCN402N	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NCN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NCN403A	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NCN403N	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NCN404A	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NCN404N	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NCN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NCN406A	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NCN406N	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NCN406P	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NCN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NCN410A	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NCN410N	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NCN410P	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NCN413	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NCN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NCN416A	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NCN416N	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NCN416P	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NCN420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN420A	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN420N	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NCN420P	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NCN425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN425A	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN425N	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NCN425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NCN432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NCN432A	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NCN432N	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01

NCN432P	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
NCN440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN440A	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN440N	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NCN440P	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NCN450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN450A	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN450N	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NCN450P	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
NCN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NCN463A	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NCN463N	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NCN463P	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
NCN506	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NCN506A	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NCN510	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN510A	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN513	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
NCN513A	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NCN516	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN516A	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN520	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN520A	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN525	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NCN525A	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NCN532	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN532A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NCN540	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NCN540A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NCN550	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NCN550A	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NCN563	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NCN563A	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NCN606	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NCN610	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NCN613	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NCN616	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.72E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NCN620	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN625	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN632	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NCN640	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN650	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN663	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
ND106P	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
ND110P	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
ND116P	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
ND120P	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
ND125P	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
ND132P	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
ND140P	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
ND150P	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
ND163P	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
ND206P	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
ND216P	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
ND220P	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
ND225P	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
ND232P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
ND240P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
ND250P	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
ND263P	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
ND306P	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
ND310P	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
ND316P	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
ND320P	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
ND325P	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
ND332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
ND340P	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
ND350P	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
ND363P	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
ND410P	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
ND416P	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
ND420P	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
ND425P	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
ND432P	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
ND440P	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
ND450P	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
ND463P	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NDN002	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NDN003	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NDN004	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN006	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NDN010	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NDN013	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NDN016	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
NDN020	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02

NDN025	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NDN032	7.80E-03	1.52E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.50E-04	1.53E-02	0.00E+00	6.67E-02	1.91E-10	4.57E-09	2.19E+00	4.21E-02	0.00E+00	0.00E+00	2.74E-03	2.57E-01	3.84E+01	0.00E+00	7.37E-09	6.27E-08	2.99E-03	5.90E-05	1.02E+01	0.00E+00	3.84E+01	5.38E-07	3.84E+01	4.86E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NDN040	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.64E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NDN050	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NDN063	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NDN100A	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NDN100N	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NDN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NDN101A	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NDN101N	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NDN102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NDN102A	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NDN102N	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NDN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NDN103A	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NDN103N	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NDN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN104A	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN104N	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NDN106A	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NDN106N	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NDN106P	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NDN110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NDN110A	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NDN110N	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NDN110P	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NDN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NDN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN116A	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NDN116N	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NDN116P	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NDN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NDN120A	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NDN120N	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NDN120P	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NDN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NDN125A	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NDN125N	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NDN125P	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NDN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NDN132A	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NDN132N	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NDN132P	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NDN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NDN140A	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NDN140N	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NDN140P	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NDN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NDN150A	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NDN150N	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NDN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN163A	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN163N	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN163P	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NDN200A	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NDN200N	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NDN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NDN201N	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NDN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NDN202A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NDN202N	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NDN202P	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NDN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NDN203N	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NDN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NDN204A	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NDN204N	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NDN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NDN206A	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NDN206N	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NDN206P	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NDN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NDN210A	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NDN210N	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NDN210P	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NDN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NDN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NDN216A	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NDN216N	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NDN216P	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NDN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NDN220A	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01

NDN220N	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NDN220P	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NDN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NDN225A	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NDN225N	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN225P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN232A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN232N	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN232P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN240A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN240N	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN240P	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NDN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NDN250A	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NDN250N	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NDN250P	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NDN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NDN263A	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NDN263N	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NDN263P	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NDN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NDN300A	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NDN300N	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NDN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NDN301A	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NDN301N	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NDN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NDN302A	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NDN302N	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NDN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NDN303N	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NDN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NDN304A	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NDN304N	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NDN304P	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NDN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NDN306A	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NDN306N	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NDN306P	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NDN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NDN310A	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NDN310N	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NDN310P	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NDN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NDN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NDN316A	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NDN316N	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN316P	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NDN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NDN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NDN320N	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NDN320P	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NDN325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NDN325A	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NDN325N	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NDN325P	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NDN332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NDN332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NDN332N	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NDN332P	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NDN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NDN340A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
NDN340N	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NDN340P	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NDN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NDN350A	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
NDN350N	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NDN350P	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NDN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NDN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NDN363N	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NDN363P	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NDN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN400N	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NDN401N	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NDN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NDN402A	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NDN402N	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NDN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NDN403N	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NDN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NDN404A	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01

NDN404N	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NDN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NDN406A	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NDN406N	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NDN406P	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NDN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NDN410A	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NDN410N	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NDN410P	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NDN413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NDN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NDN416A	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NDN416N	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NDN416P	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NDN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NDN420A	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NDN420N	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NDN420P	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NDN425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NDN425A	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NDN425N	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NDN425P	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NDN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NDN432A	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NDN432N	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NDN432P	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NDN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NDN440A	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NDN440N	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NDN440P	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NDN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NDN450A	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NDN450N	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NDN450P	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NDN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NDN463A	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NDN463N	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NDN463P	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NEN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NEN110	3.99E-03	7.79E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.81E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NEN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NEN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NEN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NEN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NEN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NEN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NEN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NEN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NEN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NEN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NEN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NEN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NEN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NEN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NEN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NEN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NEN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NEN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NEN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NEN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NEN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NEN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NEN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NEN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NEN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NEN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NEN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NEN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NEN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NEN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NEN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NEN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NEN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NEN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NEN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NF100A	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NF101A	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NF102A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NF103A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NF104A	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NF106A	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NF110A	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NF116A	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NF120A	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NF125A	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02

NF132A	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NF140A	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NF150A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NF163A	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NF200A	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
NF201A	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NF202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
NF203A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NF204A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NF206A	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NF210A	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NF216A	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NF220A	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NF225A	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NF232A	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NF240A	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NF250A	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NF263A	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NF300A	7.28E-03	1.42E+00	2.61E-03	1.42E+00	0.00E+00	0.00E+00	2.67E+00	3.73E-06	8.86E-04	1.42E-02	0.00E+00	6.19E-02	1.79E-10	4.26E-09	2.04E+00	3.93E-02	0.00E+00	0.00E+00	2.56E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.86E-08	2.79E-03	5.50E-05	9.46E+00	0.00E+00	3.58E+01	5.02E-07	3.58E+01	4.53E+01	9.46E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
NF301A	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
NF302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NF303A	1.29E-02	2.51E+00	4.61E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.59E-06	1.56E-03	2.51E-02	0.00E+00	1.09E-01	3.15E-10	7.53E-09	3.60E+00	6.94E-02	0.00E+00	0.00E+00	4.51E-03	4.23E-01	6.33E+01	0.00E+00	1.21E-08	1.03E-07	4.92E-03	9.71E-05	1.67E+01	0.00E+00	6.33E+01	8.86E-07	6.33E+01	8.00E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NF304A	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NF306A	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NF310A	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NF316A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NF320A	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NF325A	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NF332A	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NF340A	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
NF350A	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NF363A	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
NF400A	9.85E-03	1.92E+00	3.53E-03	1.92E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.93E-02	0.00E+00	8.38E-02	2.42E-10	5.77E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.46E-03	3.24E-01	4.85E+01	0.00E+00	9.30E-09	7.92E-08	3.77E-03	7.44E-05	1.28E+01	0.00E+00	4.85E+01	6.79E-07	4.85E+01	6.13E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NF401A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NF402A	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NF403A	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NF404A	1.65E-02	3.22E+00	5.91E-03	3.21E+00	0.00E+00	0.00E+00	6.06E+00	8.46E-06	2.01E-03	3.23E-02	0.00E+00	1.40E-01	4.05E-10	9.66E-09	4.62E+00	8.90E-02	0.00E+00	0.00E+00	5.79E-03	5.42E-01	8.12E+01	0.00E+00	1.56E-08	1.33E-07	6.32E-03	1.25E-04	2.14E+01	0.00E+00	8.12E+01	1.14E-06	8.12E+01	1.03E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NF406A	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NF410A	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
NF416A	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NF420A	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
NF425A	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
NF432A	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
NF440A	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
NF450A	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NF463A	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NFN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NFN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NFN102	4.04E-03	7.88E-01	1.45E-03	7.86E-01	0.00E+00	0.00E+00	1.49E+00	2.07E-06	4.92E-04	7.90E-03	0.00E+00	3.45E-02	9.91E-11	2.37E-09	1.13E+00	2.18E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	1.99E+01	0.00E+00	3.82E-09	3.25E-08	1.55E-03	3.05E-05	5.26E+00	0.00E+00	1.99E+01	2.79E-07	1.99E+01	2.51E+01	5.26E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
NFN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NFN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NFN106	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NFN110	3.99E-03	7.79E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.81E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NFN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NFN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.87E-06	6.81E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.14E-03	4.23E-05	7.29E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.29E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
NFN120	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.20E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NFN125	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NFN132	7.80E-03	1.52E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.50E-04	1.53E-02	0.00E+00	6.67E-02	1.91E-10	4.57E-09	2.19E+00	4.21E-02	0.00E+00	0.00E+00	2.74E-03	2.57E-01	3.84E+01	0.00E+00	7.37E-09	6.27E-08	2.99E-03	5.90E-05	1.02E+01	0.00E+00	3.84E+01	5.38E-07	3.84E+01	4.86E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NFN140	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NFN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NFN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NFN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NFN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NFN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NFN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NFN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NFN206	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
NFN210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NFN216	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.20E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NFN220	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NFN225	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NFN232	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NFN240	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NFN250	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.38E-01
NFN263	2.80E-02	5.46E+00	1.00E-02	5.45E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.47E-02	0.00E+00	2.39E-01	6.87E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.83E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.25E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NFN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NFN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NFN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NFN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NFN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NFN310	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NFN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NFN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.07E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NFN320	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NFN325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01

NFN332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NFN340	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
NFN350	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
NFN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NFN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NFN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NFN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NFN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NFN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NFN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NFN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NFN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NFN420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NFN425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NFN432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NFN440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NFN450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NFN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NFN706	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NFN710	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NFN716	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NFN720	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NFN725	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NFN732	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NFN740	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NFN750	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NFN763	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NFT306	1.00E-02	1.91E+00	4.22E-02	1.87E+00	0.00E+00	0.00E+00	2.87E+00	4.58E-06	1.17E-03	1.88E-02	0.00E+00	5.28E-02	2.36E-10	5.60E-09	2.50E+00	5.07E-02	0.00E+00	0.00E+00	3.39E-03	2.88E-01	4.59E+01	0.00E+00	8.19E-09	7.84E-08	3.71E-03	6.79E-05	1.07E+01	0.00E+00	4.59E+01	6.20E-07	4.59E+01	5.66E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.45E-01
NFT310	1.53E-02	2.91E+00	6.44E-02	2.85E+00	0.00E+00	0.00E+00	4.37E+00	6.98E-06	1.78E-03	2.86E-02	0.00E+00	8.05E-02	3.60E-10	8.54E-09	3.81E+00	7.73E-02	0.00E+00	0.00E+00	5.16E-03	4.39E-01	6.99E+01	0.00E+00	1.25E-08	1.19E-07	5.66E-03	1.04E-04	1.64E+01	0.00E+00	6.99E+01	9.45E-07	6.99E+01	8.63E+01	1.64E+01	0.00E+00	0.00E+00	0.00E+00	2.21E-01
NFT316	1.93E-02	3.68E+00	8.13E-02	3.60E+00	0.00E+00	0.00E+00	5.52E+00	8.82E-06	2.26E-03	3.62E-02	0.00E+00	1.02E-01	4.55E-10	1.08E-08	4.82E+00	9.76E-02	0.00E+00	0.00E+00	6.52E-03	5.55E-01	8.83E+01	0.00E+00	1.58E-08	1.51E-07	7.15E-03	1.31E-04	2.07E+01	0.00E+00	8.83E+01	1.19E-06	8.83E+01	1.09E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
NFT320	2.08E-02	3.97E+00	8.77E-02	3.88E+00	0.00E+00	0.00E+00	5.95E+00	9.51E-06	2.43E-03	3.90E-02	0.00E+00	1.10E-01	4.91E-10	1.16E-08	5.19E+00	1.05E-01	0.00E+00	0.00E+00	7.03E-03	5.98E-01	9.52E+01	0.00E+00	1.70E-08	1.63E-07	7.71E-03	1.41E-04	2.23E+01	0.00E+00	9.52E+01	1.29E-06	9.52E+01	1.17E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
NFT325	2.78E-02	5.31E+00	1.17E-01	5.19E+00	0.00E+00	0.00E+00	7.96E+00	1.27E-05	3.25E-03	5.21E-02	0.00E+00	1.47E-01	6.56E-10	1.55E-08	6.94E+00	1.41E-01	0.00E+00	0.00E+00	9.40E-03	8.00E-01	1.27E+02	0.00E+00	2.27E-08	2.17E-07	1.03E-02	1.89E-04	2.98E+01	0.00E+00	1.27E+02	1.72E-06	1.27E+02	1.57E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	4.02E-01
NFT332	3.08E-02	5.88E+00	1.30E-01	5.75E+00	0.00E+00	0.00E+00	8.82E+00	1.41E-05	3.60E-03	5.78E-02	0.00E+00	1.62E-01	7.27E-10	1.72E-08	7.69E+00	1.56E-01	0.00E+00	0.00E+00	1.04E-02	8.86E-01	1.41E+02	0.00E+00	2.52E-08	2.41E-07	1.14E-02	2.09E-04	3.30E+01	0.00E+00	1.41E+02	1.91E-06	1.41E+02	1.74E+02	3.30E+01	0.00E+00	0.00E+00	0.00E+00	4.46E-01
NFT340	3.55E-02	6.79E+00	1.50E-01	6.64E+00	0.00E+00	0.00E+00	1.02E+01	1.63E-05	4.16E-03	6.67E-02	0.00E+00	1.87E-01	8.39E-10	1.99E-08	8.88E+00	1.80E-01	0.00E+00	0.00E+00	1.20E-02	1.02E+00	1.63E+02	0.00E+00	2.91E-08	2.78E-07	1.32E-02	2.41E-04	3.81E+01	0.00E+00	1.63E+02	2.20E-06	1.63E+02	2.01E+02	3.81E+01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
NFT701	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NFT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NFT703	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
NFT704	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NFT706	3.51E-03	6.71E-01	1.48E-02	6.56E-01	0.00E+00	0.00E+00	1.01E+00	1.61E-06	4.11E-04	6.59E-03	0.00E+00	1.85E-02	8.30E-11	1.97E-09	8.78E-01	1.78E-02	0.00E+00	0.00E+00	1.19E-03	1.01E-01	1.61E+01	0.00E+00	2.87E-09	2.75E-08	1.30E-03	2.38E-05	3.77E+00	0.00E+00	1.61E+01	2.18E-07	1.61E+01	1.99E+01	3.77E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02
NFT710	6.26E-03	1.20E+00	2.64E-02	1.17E+00	0.00E+00	0.00E+00	1.79E+00	2.87E-06	7.33E-04	1.18E-02	0.00E+00	3.30E-02	1.48E-10	3.51E-09	1.57E+00	3.17E-02	0.00E+00	0.00E+00	2.12E-03	1.80E-01	2.87E+01	0.00E+00	5.12E-09	4.90E-08	2.32E-03	4.25E-05	6.72E+00	0.00E+00	2.87E+01	3.88E-07	2.87E+01	3.54E+01	6.72E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-02
NFT716	9.50E-03	1.81E+00	4.01E-02	1.77E+00	0.00E+00	0.00E+00	2.72E+00	4.35E-06	1.11E-03	1.78E-02	0.00E+00	5.01E-02	2.24E-10	5.32E-09	2.37E+00	4.81E-02	0.00E+00	0.00E+00	3.22E-03	2.74E-01	4.35E+01	0.00E+00	7.77E-09	7.44E-08	3.52E-03	6.45E-05	1.02E+01	0.00E+00	4.35E+01	5.88E-07	4.35E+01	5.37E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.38E-01
NFT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
NFT725	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NFT732	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NFT740	2.08E-02	3.97E+00	8.77E-02	3.88E+00	0.00E+00	0.00E+00	5.95E+00	9.51E-06	2.43E-03	3.90E-02	0.00E+00	1.10E-01	4.91E-10	1.16E-08	5.19E+00	1.05E-01	0.00E+00	0.00E+00	7.03E-03	5.98E-01	9.52E+01	0.00E+00	1.70E-08	1.63E-07	7.71E-03	1.41E-04	2.23E+01	0.00E+00	9.52E+01	1.29E-06	9.52E+01	1.17E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
NFT806	1.00E-02	1.91E+00	4.22E-02	1.87E+00	0.00E+00	0.00E+00	2.87E+00	4.58E-06	1.17E-03	1.88E-02	0.00E+00	5.28E-02	2.36E-10	5.60E-09	2.50E+00	5.07E-02	0.00E+00	0.00E+00	3.39E-03	2.88E-01	4.59E+01	0.00E+00	8.19E-09	7.84E-08	3.71E-03	6.79E-05	1.07E+01	0.00E+00	4.59E+01	6.20E-07	4.59E+01	5.66E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.45E-01
NFT810	1.68E-02	3.20E+00	7.07E-02	3.13E+00	0.00E+00	0.00E+00	4.80E+00	7.67E-06	1.96E-03	3.14E-02	0.00E+00	8.84E-02	3.96E-10	9.38E-09	4.19E+00	8.49E-02	0.00E+00	0.00E+00	5.67E-03	4.83E-01	7.68E+01	0.00E+00	1.37E-08	1.31E-07	6.22E-03	1.14E-04	1.80E+01	0.00E+00	7.68E+01	1.04E-06	7.68E+01	9.48E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.43E-01
NFT816	2.03E-02	3.87E+00	8.55E-02	3.79E+00	0.00E+00	0.00E+00	5.81E+00	9.27E-06	2.37E-03	3.80E-02	0.00E+00	1.07E-01	4.79E-10	1.13E-08	5.07E+00	1.03E-01	0.00E+00	0.00E+00	6.86E-03	5.84E-01	9.29E+01	0.00E+00	1.66E-08	1.59E-07	7.52E-03	1.38E-04	2.17E+01	0.00E+00	9.29E+01	1.26E-06	9.29E+01	1.15E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
NFT820	2.10E-02	4.01E+00	8.87E-02	3.93E+00	0.00E+00	0.00E+00	6.02E+00	9.61E-06	2.46E-03	3.94E-02	0.00E+00	1.11E-01	4.96E-10	1.18E-08	5.25E+00	1.06E-01	0.00E+00	0.00E+00	7.11E-03	6.05E-01	9.63E+01	0.00E+00	1.72E-08	1.64E-07	7.79E-03	1.43E-04	2.25E+01	0.00E+00	9.63E+01	1.30E-06	9.63E+01	1.19E+02	2.25E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NFT825	2.60E-02	4.97E+00	1.10E-01	4.86E+00	0.00E+00	0.00E+00	7.45E+00	1.19E-05	3.05E-03	4.88E-02	0.00E+00	1.37E-01	6.15E-10	1.46E-08	6.50E+00	1.32E-01	0.00E+00	0.00E+00	8.81E-03	7.49E-01	1.19E+02	0.00E+00	2.13E-08	2.04E-07	9.65E-03	1.77E-04	2.79E+01	0.00E+00	1.19E+02	1.61E-06	1.19E+02	1.47E+02	2.79E+01	0.00E+00	0.00E+00	0.00E+00	3.77E-01
NFT832	3.13E-02	5.97E+00	1.32E-01	5.84E+00	0.00E+00	0.00E+00	8.96E+00	1.43E-05	3.66E-03	5.87E-02	0.00E+00	1.65E-01	7.39E-10	1.75E-08	7.82E+00	1.58E-01	0.00E+00	0.00E+00	1.06E-02	9.01E-01	1.43E+02	0.00E+00	2.56E-08	2.45E-07	1.16E-02	2.12E-04	3.35E+01	0.00E+00	1.43E+02	1.94E-06	1.43E+02	1.77E+02	3.35E+01	0.00E+00	0.00E+00	0.00E+00	4.53E-01
NFT840	3.88E-02	7.41E+00	1.64E-01	7.25E+00	0.00E+00	0.00E+00	1.11E+01	1.77E-05	4.54E-03	7.28E-02	0.00E+00	2.05E-01	9.16E-10	2.17E-08	9.69E+00	1.96E-01	0.00E+00	0.00E+00	1.31E-02	1.12E+00	1.78E+02	0.00E+00	3.17E-08	3.04E-07	1.44E-02	2.63E-04	4.16E+01	0.00E+00	1.78E+02	2.40E-06	1.78E+02	2.19E+02	4.16E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
NGN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NGN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NGN102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NGN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NGN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NGN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NGN110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NGN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NGN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NGN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NGN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NGN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NGN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NGN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NGN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NGN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NGN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NGN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NGN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NGN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NGN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NGN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NGN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NGN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NGN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NGN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NGN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NGN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NGN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NGN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NGN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NGN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NGN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01

NGN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NGN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NGN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NGN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NGN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NGN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NGN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NGN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NGN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NGN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NGN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NGN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NGN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NGN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NGN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NGN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NGN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NGN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NGN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NGN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NGN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NGN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NGN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NGN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NGT306	1.00E-02	1.91E+00	4.22E-02	1.87E+00	0.00E+00	0.00E+00	2.87E+00	4.58E-06	1.17E-03	1.88E-02	0.00E+00	5.28E-02	2.36E-10	5.60E-09	2.50E+00	5.07E-02	0.00E+00	0.00E+00	3.39E-03	2.88E-01	4.59E+01	0.00E+00	8.19E-09	7.84E-08	3.71E-03	6.79E-05	1.07E+01	0.00E+00	4.59E+01	6.20E-07	4.59E+01	5.66E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.45E-01
NGT310	1.53E-02	2.91E+00	6.44E-02	2.85E+00	0.00E+00	0.00E+00	4.37E+00	6.98E-06	1.78E-03	2.86E-02	0.00E+00	8.05E-02	3.60E-10	8.54E-09	3.81E+00	7.73E-02	0.00E+00	0.00E+00	5.16E-03	4.39E-01	6.99E+01	0.00E+00	1.25E-08	1.19E-07	5.66E-03	1.04E-04	1.64E+01	0.00E+00	6.99E+01	9.45E-07	6.99E+01	8.63E+01	1.64E+01	0.00E+00	0.00E+00	0.00E+00	2.21E-01
NGT316	1.93E-02	3.68E+00	8.13E-02	3.60E+00	0.00E+00	0.00E+00	5.52E+00	8.82E-06	2.26E-03	3.62E-02	0.00E+00	1.02E-01	4.55E-10	1.08E-08	4.82E+00	9.76E-02	0.00E+00	0.00E+00	6.52E-03	5.55E-01	8.83E+01	0.00E+00	1.58E-08	1.51E-07	7.15E-03	1.31E-04	2.07E+01	0.00E+00	8.83E+01	1.19E-06	8.83E+01	1.09E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
NGT320	2.08E-02	3.97E+00	8.77E-02	3.88E+00	0.00E+00	0.00E+00	5.95E+00	9.51E-06	2.43E-03	3.90E-02	0.00E+00	1.10E-01	4.91E-10	1.16E-08	5.19E+00	1.05E-01	0.00E+00	0.00E+00	7.03E-03	5.98E-01	9.52E+01	0.00E+00	1.70E-08	1.63E-07	7.71E-03	1.41E-04	2.23E+01	0.00E+00	9.52E+01	1.29E-06	9.52E+01	1.17E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
NGT325	2.78E-02	5.31E+00	1.17E-01	5.19E+00	0.00E+00	0.00E+00	7.96E+00	1.27E-05	3.25E-03	5.21E-02	0.00E+00	1.47E-01	6.56E-10	1.55E-08	6.94E+00	1.41E-01	0.00E+00	0.00E+00	9.40E-03	8.00E-01	1.27E+02	0.00E+00	2.27E-08	2.17E-07	1.03E-02	1.89E-04	2.98E+01	0.00E+00	1.27E+02	1.72E-06	1.27E+02	1.57E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	4.02E-01
NGT332	3.08E-02	5.88E+00	1.30E-01	5.75E+00	0.00E+00	0.00E+00	8.82E+00	1.41E-05	3.60E-03	5.78E-02	0.00E+00	1.62E-01	7.27E-10	1.72E-08	7.69E+00	1.56E-01	0.00E+00	0.00E+00	1.04E-02	8.86E-01	1.41E+02	0.00E+00	2.52E-08	2.41E-07	1.14E-02	2.09E-04	3.30E+01	0.00E+00	1.41E+02	1.91E-06	1.41E+02	1.74E+02	3.30E+01	0.00E+00	0.00E+00	0.00E+00	4.46E-01
NGT340	3.55E-02	6.79E+00	1.50E-01	6.64E+00	0.00E+00	0.00E+00	1.02E+01	1.63E-05	4.16E-03	6.67E-02	0.00E+00	1.87E-01	8.39E-10	1.99E-08	8.88E+00	1.80E-01	0.00E+00	0.00E+00	1.20E-02	1.02E+00	1.63E+02	0.00E+00	2.91E-08	2.78E-07	1.32E-02	2.41E-04	3.81E+01	0.00E+00	1.63E+02	2.20E-06	1.63E+02	2.01E+02	3.81E+01	0.00E+00	0.00E+00	0.00E+00	5.14E-01
NGT701	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NGT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NGT703	4.92E-03	9.61E-01	1.76E-03	9.59E-01	0.00E+00	0.00E+00	1.81E+00	2.53E-06	5.99E-04	9.63E-03	0.00E+00	4.19E-02	1.21E-10	2.88E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.96E-08	1.89E-03	3.72E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
NGT704	6.75E-03	1.29E+00	2.85E-02	1.26E+00	0.00E+00	0.00E+00	1.93E+00	3.09E-06	7.90E-04	1.27E-02	0.00E+00	3.56E-02	1.59E-10	3.78E-09	1.69E+00	3.42E-02	0.00E+00	0.00E+00	2.28E-03	1.94E-01	3.09E+01	0.00E+00	5.52E-09	5.28E-08	2.50E-03	4.58E-05	7.24E+00	0.00E+00	3.09E+01	4.18E-07	3.09E+01	3.82E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-02
NGT706	3.51E-03	6.71E-01	1.48E-02	6.56E-01	0.00E+00	0.00E+00	1.01E+00	1.61E-06	4.11E-04	6.59E-03	0.00E+00	1.85E-02	8.30E-11	1.97E-09	8.78E-01	1.78E-02	0.00E+00	0.00E+00	1.19E-03	1.01E-01	1.61E+01	0.00E+00	2.87E-09	2.75E-08	1.30E-03	2.38E-05	3.77E+00	0.00E+00	1.61E+01	2.18E-07	1.61E+01	1.99E+01	3.77E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02
NGT710	6.26E-03	1.20E+00	2.64E-02	1.17E+00	0.00E+00	0.00E+00	1.79E+00	2.87E-06	7.33E-04	1.18E-02	0.00E+00	3.30E-02	1.48E-10	3.51E-09	1.57E+00	3.17E-02	0.00E+00	0.00E+00	2.12E-03	1.80E-01	2.87E+01	0.00E+00	5.12E-09	4.90E-08	2.32E-03	4.25E-05	6.72E+00	0.00E+00	2.87E+01	3.88E-07	2.87E+01	3.54E+01	6.72E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-02
NGT716	9.50E-03	1.81E+00	4.01E-02	1.77E+00	0.00E+00	0.00E+00	2.72E+00	4.35E-06	1.11E-03	1.78E-02	0.00E+00	5.01E-02	2.24E-10	5.32E-09	2.37E+00	4.81E-02	0.00E+00	0.00E+00	3.22E-03	2.74E-01	4.35E+01	0.00E+00	7.77E-09	7.44E-08	3.52E-03	6.45E-05	1.02E+01	0.00E+00	4.35E+01	5.88E-07	4.35E+01	5.37E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.38E-01
NGT720	8.25E-03	1.58E+00	3.48E-02	1.54E+00	0.00E+00	0.00E+00	2.36E+00	3.78E-06	9.66E-04	1.55E-02	0.00E+00	4.35E-02	1.95E-10	4.62E-09	2.06E+00	4.18E-02	0.00E+00	0.00E+00	2.79E-03	2.38E-01	3.78E+01	0.00E+00	6.75E-09	6.46E-08	3.06E-03	5.60E-05	8.85E+00	0.00E+00	3.78E+01	5.11E-07	3.78E+01	4.67E+01	8.85E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01
NGT725	1.03E-02	1.96E+00	4.33E-02	1.92E+00	0.00E+00	0.00E+00	2.94E+00	4.70E-06	1.20E-03	1.93E-02	0.00E+00	5.41E-02	2.42E-10	5.74E-09	2.56E+00	5.20E-02	0.00E+00	0.00E+00	3.47E-03	2.95E-01	4.70E+01	0.00E+00	8.40E-09	8.03E-08	3.81E-03	6.96E-05	1.10E+01	0.00E+00	4.70E+01	6.36E-07	4.70E+01	5.80E+01	1.10E+01	0.00E+00	0.00E+00	0.00E+00	1.49E-01
NGT732	1.38E-02	2.63E+00	5.80E-02	2.57E+00	0.00E+00	0.00E+00	3.94E+00	6.29E-06	1.61E-03	2.58E-02	0.00E+00	7.25E-02	3.25E-10	7.70E-09	3.44E+00	6.97E-02	0.00E+00	0.00E+00	4.65E-03	3.96E-01	6.30E+01	0.00E+00	1.13E-08	1.08E-07	5.10E-03	9.33E-05	1.48E+01	0.00E+00	6.30E+01	8.52E-07	6.30E+01	7.78E+01	1.48E+01	0.00E+00	0.00E+00	0.00E+00	1.99E-01
NGT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NGT806	1.00E-02	1.91E+00	4.22E-02	1.87E+00	0.00E+00	0.00E+00	2.87E+00	4.58E-06	1.17E-03	1.88E-02	0.00E+00	5.28E-02	2.36E-10	5.60E-09	2.50E+00	5.07E-02	0.00E+00	0.00E+00	3.39E-03	2.88E-01	4.59E+01	0.00E+00	8.19E-09	7.84E-08	3.71E-03	6.79E-05	1.07E+01	0.00E+00	4.59E+01	6.20E-07	4.59E+01	5.66E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.45E-01
NGT810	1.68E-02	3.20E+00	7.07E-02	3.13E+00	0.00E+00	0.00E+00	4.80E+00	7.67E-06	1.96E-03	3.14E-02	0.00E+00	8.84E-02	3.96E-10	9.38E-09	4.19E+00	8.49E-02	0.00E+00	0.00E+00	5.67E-03	4.83E-01	7.68E+01	0.00E+00	1.37E-08	1.31E-07	6.22E-03	1.14E-04	1.80E+01	0.00E+00	7.68E+01	1.04E-06	7.68E+01	9.48E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.43E-01
NGT816	2.03E-02	3.87E+00	8.55E-02	3.79E+00	0.00E+00	0.00E+00	5.81E+00	9.27E-06	2.37E-03	3.80E-02	0.00E+00	1.07E-01	4.79E-10	1.13E-08	5.07E+00	1.03E-01	0.00E+00	0.00E+00	6.86E-03	5.84E-01	9.29E+01	0.00E+00	1.66E-08	1.59E-07	7.52E-03	1.38E-04	2.17E+01	0.00E+00	9.29E+01	1.26E-06	9.29E+01	1.15E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
NGT820	2.10E-02	4.01E+00	8.87E-02	3.93E+00	0.00E+00	0.00E+00	6.02E+00	9.61E-06	2.46E-03	3.94E-02	0.00E+00	1.11E-01	4.96E-10	1.18E-08	5.25E+00	1.06E-01	0.00E+00	0.00E+00	7.11E-03	6.05E-01	9.63E+01	0.00E+00	1.72E-08	1.64E-07	7.79E-03	1.43E-04	2.25E+01	0.00E+00	9.63E+01	1.30E-06	9.63E+01	1.19E+02	2.25E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NGT825	2.60E-02	4.97E+00	1.10E-01	4.86E+00	0.00E+00	0.00E+00	7.45E+00	1.19E-05	3.05E-03	4.88E-02	0.00E+00	1.37E-01	6.15E-10	1.46E-08	6.50E+00	1.32E-01	0.00E+00	0.00E+00	8.81E-03	7.49E-01	1.19E+02	0.00E+00	2.13E-08	2.04E-07	9.65E-03	1.77E-04	2.79E+01	0.00E+00	1.19E+02	1.61E-06	1.19E+02	1.47E+02	2.79E+01	0.00E+00	0.00E+00	0.00E+00	3.77E-01
NGT832	3.13E-02	5.97E+00	1.32E-01	5.84E+00	0.00E+00	0.00E+00	8.96E+00	1.43E-05	3.66E-03	5.87E-02	0.00E+00	1.65E-01	7.39E-10	1.75E-08	7.82E+00	1.58E-01	0.00E+00	0.00E+00	1.06E-02	9.01E-01	1.43E+02	0.00E+00	2.56E-08	2.45E-07	1.16E-02	2.12E-04	3.35E+01	0.00E+00	1.43E+02	1.94E-06	1.43E+02	1.77E+02	3.35E+01	0.00E+00	0.00E+00	0.00E+00	4.53E-01
NGT840	3.88E-02	7.41E+00	1.64E-01	7.25E+00	0.00E+00	0.00E+00	1.11E+01	1.77E-05	4.54E-03	7.28E-02	0.00E+00	2.05E-01	9.16E-10	2.17E-08	9.69E+00	1.96E-01	0.00E+00	0.00E+00	1.31E-02	1.12E+00	1.78E+02	0.00E+00	3.17E-08	3.04E-07	1.44E-02	2.63E-04	4.16E+01	0.00E+00	1.78E+02	2.40E-06	1.78E+02	2.19E+02	4.16E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
NKN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NKN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NKN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NKN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NKN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NKN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.87E-06	6.81E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.14E-03	4.23E-05	7.29E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.29E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
NKN120	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.20E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NKN125	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NKN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NKN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NKN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NKN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NKN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NKN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NKN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NKN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NKN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NKN210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NKN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NKN216	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NKN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NKN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NKN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NKN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NKN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NKN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NKN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NKN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NKN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NKN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NKN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NKN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NKN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NKN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NKN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.07E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NKN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01

NKN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NKN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NKN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NKN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NKN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NKN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NKN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NKN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NKN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NKN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NKN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NKN413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NKN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NKN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NKN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NKN432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NKN440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NKN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NKN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NQN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NQN110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NQN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NQN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NQN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NQN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NQN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NQN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NQN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NQN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NQN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NQN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NQN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NQN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NQN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NQN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NQN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NQN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NQN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NQN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NQN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NQN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NQN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NQN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NQN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NQN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NQN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NQN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NQN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NQN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NQN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NQN413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NQN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NQN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NQN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NQN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NQN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NQN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NQN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NRN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NRN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NRN102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NRN103	4.80E-03	9.36E-01	1.72E-03	9.34E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.84E-04	9.38E-03	0.00E+00	4.08E-02	1.18E-10	2.81E-09	1.34E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.53E-09	3.86E-08	1.84E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.31E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
NRN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NRN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NRN110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NRN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NRN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NRN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NRN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NRN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NRN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NRN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NRN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NRN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NRN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NRN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NRN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NRN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NRN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NRN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NRN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NRN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NRN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NRN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NRN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01

NRN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NRN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NRN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NRN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NRN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NRN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NRN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NRN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NRN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NRN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NRN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NRN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NRN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NRN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NRN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NRN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NRN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NRN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NRN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NRN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NRN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NRN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NRN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NRN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NRN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NRN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
NRN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NRN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NRN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NSN100	3.08E-04	6.00E-02	1.10E-04	5.99E-02	0.00E+00	0.00E+00	1.13E-01	1.58E-07	3.75E-05	6.02E-04	0.00E+00	2.62E-03	7.55E-12	1.80E-10	8.62E-02	1.66E-03	0.00E+00	0.00E+00	1.08E-04	1.01E-02	1.51E+00	0.00E+00	2.90E-10	2.48E-09	1.18E-04	2.32E-06	4.00E-01	0.00E+00	1.51E+00	2.12E-08	1.51E+00	1.91E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.60E-03
NSN101	2.72E-04	5.30E-02	9.73E-05	5.29E-02	0.00E+00	0.00E+00	9.98E-02	1.39E-07	3.31E-05	5.31E-04	0.00E+00	2.31E-03	6.66E-12	1.59E-10	7.61E-02	1.47E-03	0.00E+00	0.00E+00	9.54E-05	8.93E-03	1.34E+00	0.00E+00	2.56E-10	2.18E-09	1.04E-04	2.05E-06	3.53E-01	0.00E+00	1.34E+00	1.87E-08	1.34E+00	1.69E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NSN102	4.06E-03	7.91E-01	1.45E-03	7.90E-01	0.00E+00	0.00E+00	1.49E+00	2.08E-06	4.94E-04	7.93E-03	0.00E+00	3.45E-02	9.95E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	2.00E+01	0.00E+00	3.83E-09	3.26E-08	1.55E-03	3.06E-05	5.27E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
NSN104	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NSN106	2.84E-03	5.55E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.04E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.42E-02	6.97E-11	1.67E-09	7.96E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.35E-02	1.40E+01	0.00E+00	2.68E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NSN110	4.00E-03	7.81E-01	1.43E-03	7.79E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.87E-04	7.82E-03	0.00E+00	3.40E-02	9.81E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.22E-08	1.53E-03	3.02E-05	5.20E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
NSN113	4.94E-03	9.64E-01	1.77E-03	9.62E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.02E-04	9.66E-03	0.00E+00	4.20E-02	1.21E-10	2.90E-09	1.38E+00	2.67E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.43E+01	0.00E+00	4.66E-09	3.98E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02
NSN116	5.61E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.83E-04	1.10E-02	0.00E+00	4.77E-02	1.38E-10	3.29E-09	1.57E+00	3.03E-02	0.00E+00	0.00E+00	1.97E-03	1.85E-01	2.76E+01	0.00E+00	5.30E-09	4.52E-08	2.15E-03	4.24E-05	7.30E+00	0.00E+00	2.76E+01	3.87E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02
NSN120	5.49E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.68E-04	1.07E-02	0.00E+00	4.67E-02	1.35E-10	3.21E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.80E-01	2.70E+01	0.00E+00	5.18E-09	4.41E-08	2.10E-03	4.14E-05	7.13E+00	0.00E+00	2.70E+01	3.78E-07	2.70E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
NSN125	7.21E-03	1.41E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.13E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.80E-09	5.80E-08	2.76E-03	5.44E-05	9.37E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.37E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NSN132	7.82E-03	1.53E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.52E-04	1.53E-02	0.00E+00	6.65E-02	1.92E-10	4.58E-09	2.19E+00	4.22E-02	0.00E+00	0.00E+00	2.75E-03	2.57E-01	3.85E+01	0.00E+00	7.38E-09	6.29E-08	3.00E-03	5.91E-05	1.02E+01	0.00E+00	3.85E+01	5.39E-07	3.85E+01	4.87E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NSN140	7.95E-03	1.55E+00	2.85E-03	1.55E+00	0.00E+00	0.00E+00	2.92E+00	4.08E-06	9.67E-04	1.55E-02	0.00E+00	6.76E-02	1.95E-10	4.66E-09	2.23E+00	4.29E-02	0.00E+00	0.00E+00	2.79E-03	2.61E-01	3.91E+01	0.00E+00	7.50E-09	6.39E-08	3.05E-03	6.00E-05	1.03E+01	0.00E+00	3.91E+01	5.48E-07	3.91E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
NSN150	1.01E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.23E-03	1.97E-02	0.00E+00	8.56E-02	2.47E-10	5.90E-09	2.82E+00	5.43E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.50E-09	8.10E-08	3.86E-03	7.60E-05	1.31E+01	0.00E+00	4.95E+01	6.94E-07	4.95E+01	6.26E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NSN163	1.23E-02	2.39E+00	4.40E-03	2.39E+00	0.00E+00	0.00E+00	4.51E+00	6.30E-06	1.49E-03	2.40E-02	0.00E+00	1.04E-01	3.01E-10	7.19E-09	3.44E+00	6.62E-02	0.00E+00	0.00E+00	4.31E-03	4.04E-01	6.04E+01	0.00E+00	1.16E-08	9.88E-08	4.70E-03	9.27E-05	1.60E+01	0.00E+00	6.04E+01	8.46E-07	6.04E+01	7.64E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NSN200	6.23E-03	1.22E+00	2.23E-03	1.21E+00	0.00E+00	0.00E+00	2.29E+00	3.19E-06	7.58E-04	1.22E-02	0.00E+00	5.30E-02	1.53E-10	3.65E-09	1.74E+00	3.36E-02	0.00E+00	0.00E+00	2.19E-03	2.05E-01	3.06E+01	0.00E+00	5.88E-09	5.01E-08	2.39E-03	4.70E-05	8.10E+00	0.00E+00	3.06E+01	4.29E-07	3.06E+01	3.87E+01	8.10E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
NSN201	4.53E-03	8.83E-01	1.62E-03	8.81E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.51E-04	8.85E-03	0.00E+00	3.85E-02	1.11E-10	2.65E-09	1.27E+00	2.44E-02	0.00E+00	0.00E+00	1.59E-03	1.49E-01	2.23E+01	0.00E+00	4.27E-09	3.64E-08	1.73E-03	3.42E-05	5.89E+00	0.00E+00	2.23E+01	3.12E-07	2.23E+01	2.82E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02
NSN202	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.72E-02	0.00E+00	7.47E-02	2.15E-10	5.14E-09	2.46E+00	4.74E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.32E+01	0.00E+00	8.29E-09	7.06E-08	3.36E-03	6.63E-05	1.14E+01	0.00E+00	4.32E+01	6.05E-07	4.32E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NSN203	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NSN204	1.15E-02	2.24E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.89E-06	1.40E-03	2.24E-02	0.00E+00	9.76E-02	2.82E-10	6.72E-09	3.21E+00	6.19E-02	0.00E+00	0.00E+00	4.03E-03	3.78E-01	5.65E+01	0.00E+00	1.08E-08	9.23E-08	4.40E-03	8.67E-05	1.49E+01	0.00E+00	5.65E+01	7.91E-07	5.65E+01	7.14E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
NSN206	5.74E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.99E-04	1.12E-02	0.00E+00	4.88E-02	1.41E-10	3.36E-09	1.61E+00	3.10E-02	0.00E+00	0.00E+00	2.02E-03	1.89E-01	2.82E+01	0.00E+00	5.42E-09	4.62E-08	2.20E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.96E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02
NSN210	8.84E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.08E-03	1.73E-02	0.00E+00	7.51E-02	2.17E-10	5.18E-09	2.47E+00	4.77E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.11E-08	3.39E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NSN213	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NSN216	1.14E-02	2.23E+00	4.10E-03	2.23E+00	0.00E+00	0.00E+00	4.20E+00	5.87E-06	1.39E-03	2.24E-02	0.00E+00	9.73E-02	2.81E-10	6.70E-09	3.20E+00	6.17E-02	0.00E+00	0.00E+00	4.02E-03	3.76E-01	5.63E+01	0.00E+00	1.08E-08	9.21E-08	4.38E-03	8.64E-05	1.49E+01	0.00E+00	5.63E+01	7.89E-07	5.63E+01	7.12E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NSN220	1.13E-02	2.21E+00	4.06E-03	2.21E+00	0.00E+00	0.00E+00	4.16E+00	5.81E-06	1.38E-03	2.22E-02	0.00E+00	9.64E-02	2.78E-10	6.64E-09	3.17E+00	6.12E-02	0.00E+00	0.00E+00	3.98E-03	3.73E-01	5.58E+01	0.00E+00	1.07E-08	9.12E-08	4.34E-03	8.56E-05	1.47E+01	0.00E+00	5.58E+01	7.81E-07	5.58E+01	7.05E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NSN225	1.54E-02	3.01E+00	5.53E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.91E-06	1.88E-03	3.02E-02	0.00E+00	1.31E-01	3.78E-10	9.04E-09	4.32E+00	8.32E-02	0.00E+00	0.00E+00	5.42E-03	5.07E-01	7.59E+01	0.00E+00	1.46E-08	1.24E-07	5.91E-03	1.16E-04	2.01E+01	0.00E+00	7.59E+01	1.06E-06	7.59E+01	9.60E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NSN232	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NSN240	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NSN250	2.27E-02	4.43E+00	8.13E-03	4.42E+00	0.00E+00	0.00E+00	8.34E+00	1.16E-05	2.76E-03	4.44E-02	0.00E+00	1.93E-01	5.57E-10	1.33E-08	6.36E+00	1.23E-01	0.00E+00	0.00E+00	7.97E-03	7.47E-01	1.12E+02	0.00E+00	2.14E-08	1.83E-07	8.70E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
NSN263	2.80E-02	5.47E+00	1.00E-02	5.46E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.48E-02	0.00E+00	2.39E-01	6.88E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.85E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.26E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.19E-01
NSN300	9.31E-03	1.82E+00	3.33E-03	1.81E+00	0.00E+00	0.00E+00	3.42E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.91E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.27E-03	3.06E-01	4.58E+01	0.00E+00	8.78E-09	7.49E-08	3.57E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
NSN301	6.93E-03	1.35E+00	2.48E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.44E-04	1.36E-02	0.00E+00	5.90E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.58E-08	2.66E-03	5.24E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
NSN302	1.32E-02	2.57E+00	4.72E-03	2.57E+00	0.00E+00	0.00E+00	4.84E+00	6.76E-06	1.60E-03	2.58E-02	0.00E+00	1.12E-01	3.23E-10	7.72E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.63E-03	4.33E-01	6.49E+01	0.00E+00	1.24E-08	1.06E-07	5.05E-03	9.95E-05	1.71E+01	0.00E+00	6.49E+01	9.08E-07	6.49E+01	8.20E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NSN303	1.41E-02	2.76E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.19E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.20E-01	3.46E-10	8.27E-09	3.96E+00	7.62E-02	0.00E+00	0.00E+00	4.96E-03	4.64E-01	6.95E+01	0.00E+00	1.33E-08	1.14E-07	5.41E-03	1.07E-04	1.84E+01	0.00E+00	6.95E+01	9.73E-07	6.95E+01	8.79E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NSN304	1.75E-02	3.42E+00	6.27E-03	3.41E+00	0.00E+00	0.00E+00	6.43E+00	8.98E-06	2.13E-03	3.42E-02	0.00E+00	1.49E-01	4.29E-10	1.03E-08	4.90E+00	9.45E-02	0.00E+00	0.00E+00	6.15E-03	5.76E-01	8.62E+01	0.00E+00	1.65E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.62E+01	1.21E-06	8.62E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
NSN306	8.69E-03	1.70E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.19E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.39E-02	2.13E-10	5.09E-09	2.43E+00	4.69E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.28E+01	0.00E+00	8.20E-09	6.99E-08	3.33E-03	6.56E-05	1.13E+01	0.00E+00	4.28E+01	5.99E-07	4.28E+01	5.41E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NSN310	1.31E-02	2.56E+00	4.70E-03	2.56E+00	0.00E+00	0.00E+00	4.82E+00	6.73E-06	1.60E-03	2.57E-02	0.00E+00	1.12E-01	3.22E-10	7.69E-09	3.68E+00	7.08E-02	0.00E+00	0.00E+00	4.61E-03	4.32E-01	6.46E+01	0.00E+00	1.24E-08	1.06E-07	5.03E-03	9.91E-05	1.71E+01	0.00E+00	6.46E+01	9.05E-07	6.46E+01	8.17E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NSN313	1.36E-02	2.66E+00	4.88E-03	2.65E+00	0.00E+00	0.00E+00	5.01E+00	6.99E-06	1.66E-03	2.67E-02	0.00E+00	1.16E-01	3.34E-10	7.99E-09	3.82E+00	7.36E-02	0.00E+00	0.00E+00	4.79E-03	4.48E-01	6.71E+01	0.00E+00	1.29E-08	1.10E-07	5.22E-03	1.03E-04	1.77E+01	0.00E+00	6.71E+01	9.40E-07	6.71E+01	8.48E+01	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.04E-01
NSN316	1.77E-02	3.45E+00	6.34E-03	3.45E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.34E-10	1.04E-08	4.96E+00	9.55E-02	0.00E+00	0.00E+00	6.22E-03	5.82E-01	8.71E+01	0.00E+00	1.67E-08	1.42E-07	6.78E-03	1.34E-04	2.30E+01	0.00E+00	8.71E+01	1.22E-06	8.71E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NSN320	1.72E-02	3.36E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.83E-06	2.10E-03	3.37E-02	0.00E+00	1.46E-01	4.22E-10	1.01E-08	4.82E+00	9.29E-02	0.00E+00	0.00E+00	6.05E-03	5.66E-01	8.47E+01	0.00E+00	1.63E-08	1.39E-07	6.60E-03	1.30E-04	2.24E+01	0.00E+00	8.47E+01	1.19E-06	8.47E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NSN325	2.36E-02	4.60E+00	8.44E-03	4.59E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.87E-03	4.61E-02	0.00E+00	2.00E-01	5.78E-10	1.38E-08	6.60E+00	1.27E-01	0.00E+00	0.00E+00	8.27E-03	7.75E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.02E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.47E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.52E-01
NSN332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NSN340	2.16E-02	4.22E+00	7.74E-03	4.21E+00	0.00E+00	0.00E+00	7.94E+00	1.11E-05	2.63E-03	4.23E-02	0.00E+00	1.84E-01	5.30E-10	1.27E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.59E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.28E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
NSN350	3.30E-02	6.43E+00	1.18E-02	6.42E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.45E-02	0.00E+00	2.80E-01	8.09E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NSN363	4.26E-02	8.31E+00	1.53E-02	8.29E+00	0.00E+00	0.00E+00	1.57E+01	2.19E-05	5.19E-03	8.33E-02	0.00E+00	3.62E-01	1.04E-09	2.50E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.50E-02	1.40E+00	2.10E+02	0.00E+00	4.02E-08	3.43E-07	1.63E-02	3.22E-04	5.54E+01	0.00E+00	2.10E+02	2.94E-06	2.10E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.37E-01
NSN400	1.22E-02	2.39E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.28E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	3.00E-10	7.17E-09	3.43E+00	6.60E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.02E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.24E-05	1.59E+01	0.00E+00	6.02E+01	8.44E-07	6.02E+01	7.61E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NSN401	9.07E-03	1.77E+00	3.25E-03	1.77E+00	0.00E+00	0.00E+00	3.33E+00	4.65E-06	1.10E-03	1.77E-02	0.00E+00	7.71E-02	2.22E-10	5.31E-09	2.54E+00	4.89E-02	0.00E+00	0.00E+00	3.18E-03	2.98E-01	4.46E+01	0.00E+00	8.56E-09	7.30E-08	3.48E-03	6.85E-05	1.18E+01	0.00E+00	4.46E+01	6.25E-07	4.46E+01	5.64E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
NSN402	1.85E-02	3.61E+00	6.62E-03	3.60E+00	0.00E+00	0.00E+00	6.79E+00	9.48E-06	2.25E-03	3.61E-02	0.00E+00	1.57E-01	4.53E-10	1.08E-08	5.18E+00	9.97E-02	0.00E+00	0.00E+00	6.49E-03	6.08E-01	9.10E+01	0.00E+00	1.74E-08	1.49E-07	7.08E-03	1.40E-04	2.40E+01	0.00E+00	9.10E+01	1.27E-06	9.10E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NSN403	1.90E-02	3.70E+00	6.80E-03	3.69E+00	0.00E+00	0.00E+00	6.97E+00	9.73E-06	2.31E-03	3.71E-02	0.00E+00	1.61E-01	4.65E-10	1.11E-08	5.31E+00	1.02E-01	0.00E+00	0.00E+00	6.66E-03	6.24E-01	9.34E+01	0.00E+00	1.79E-08	1.53E-07	7.27E-03	1.43E-04	2.47E+01	0.00E+00	9.34E+01	1.31E-06	9.34E+01	1.18E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NSN404	2.33E-02	4.55E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.98E-01	5.72E-10	1.37E-08	6.54E+00	1.26E-01	0.00E+00	0.00E+00	8.19E-03	7.68E-01	1.15E+02	0.00E+00	2.20E-08	1.88E-07	8.94E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.49E-01
NSN406	1.16E-02	2.27E+00	4.17E-03	2.27E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.28E-02	0.00E+00	9.90E-02	2.86E-10	6.82E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.09E-03	3.83E-01	5.73E+01	0.00E+00	1.10E-08	9.37E-08	4.46E-03	8.79E-05	1.51E+01	0.00E+00	5.73E+01	8.02E-07	5.73E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NSN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.52E+00	9.10E-06	2.16E-03	3.47E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.67E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NSN413	1.90E-02	3.72E+00	6.82E-03	3.71E+00	0.00E+00	0.00E+00	7.00E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.62E-01	4.67E-10	1.12E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.69E-03	6.26E-01	9.37E+01	0.00E+00	1.80E-08	1.53E-07	7.30E-03	1.44E-04	2.48E+01	0.00E+00	9.37E+01	1.31E-06	9.37E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
NSN416	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NSN420	2.33E-02	4.54E+00	8.34E-03	4.53E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.55E-02	0.00E+00	1.98E-01	5.71E-10	1.36E-08	6.52E+00	1.26E-01	0.00E+00	0.00E+00	8.17E-03	7.66E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.03E+01	0.00E+00	1.15E+02	1.60E-06	1.15E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NSN425	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.17E-02	0.00E+00	2.69E-01	7.74E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NSN432	3.53E-02	6.89E+00	1.27E-02	6.88E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.30E-03	6.91E-02	0.00E+00	3.00E-01	8.66E-10	2.07E-08	9.89E+00	1.91E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.28E-01

NSN440	3.21E-02	6.27E+00	1.15E-02	6.25E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.91E-03	6.28E-02	0.00E+00	2.73E-01	7.88E-10	1.88E-08	9.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.43E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NSN450	4.35E-02	8.48E+00	1.56E-02	8.46E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.50E-02	0.00E+00	3.70E-01	1.07E-09	2.55E-08	1.22E+01	2.35E-01	0.00E+00	0.00E+00	1.53E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.50E-07	1.67E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.50E-01
NSN463	5.50E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.70E-03	1.08E-01	0.00E+00	4.68E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.43E-07	2.11E-02	4.15E-04	7.15E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.15E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
NT101C	2.17E-04	4.24E-02	7.78E-05	4.23E-02	0.00E+00	0.00E+00	7.98E-02	1.11E-07	2.64E-05	4.25E-04	0.00E+00	1.85E-03	5.33E-12	1.27E-10	6.09E-02	1.17E-03	0.00E+00	0.00E+00	7.63E-05	7.15E-03	1.07E+00	0.00E+00	2.05E-10	1.75E-09	8.32E-05	1.64E-06	2.82E-01	0.00E+00	1.07E+00	1.50E-08	1.07E+00	1.35E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03
NT102C	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NT104C	4.07E-03	7.95E-01	1.46E-03	7.93E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.96E-04	7.97E-03	0.00E+00	3.46E-02	9.99E-11	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.28E-08	1.56E-03	3.08E-05	5.30E+00	0.00E+00	2.00E+01	2.81E-07	2.00E+01	2.53E+01	5.30E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
NT106C	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
NT110C	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02
NT116C	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
NT120C	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
NT125C	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
NT132C	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
NT140C	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
NT150C	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NT163C	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
NT201C	4.71E-03	9.18E-01	1.69E-03	9.16E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.73E-04	9.20E-03	0.00E+00	4.00E-02	1.15E-10	2.76E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.32E+01	0.00E+00	4.44E-09	3.79E-08	1.80E-03	3.55E-05	6.12E+00	0.00E+00	2.32E+01	3.24E-07	2.32E+01	2.93E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
NT202C	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.29E-04	1.17E-02	0.00E+00	5.10E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.82E-08	2.30E-03	4.52E-05	7.79E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.79E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-02
NT204C	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NT206C	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
NT210C	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NT216C	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NT220C	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NT225C	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NT232C	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NT240C	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NT250C	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
NT263C	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
NT301C	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.59E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.01E-02	1.73E-10	4.14E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.66E-09	5.68E-08	2.71E-03	5.33E-05	9.18E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
NT302C	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.82E-02	2.26E-10	5.39E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.02E-01	4.53E+01	0.00E+00	8.68E-09	7.40E-08	3.52E-03	6.94E-05	1.20E+01	0.00E+00	4.53E+01	6.34E-07	4.53E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NT304C	1.22E-02	2.38E+00	4.37E-03	2.38E+00	0.00E+00	0.00E+00	4.48E+00	6.26E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.41E-07	6.00E+01	7.59E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NT306C	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NT310C	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
NT316C	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
NT320C	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NT325C	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
NT332C	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NT340C	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NT350C	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.18E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NT363C	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
VKS01SG	1.13E-02	2.15E+00	4.76E-02	2.11E+00	0.00E+00	0.00E+00	3.23E+00	5.16E-06	1.32E-03	2.11E-02	0.00E+00	5.94E-02	2.66E-10	6.31E-09	2.82E+00	5.71E-02	0.00E+00	0.00E+00	3.81E-03	3.24E-01	5.16E+01	0.00E+00	9.22E-09	8.82E-08	4.18E-03	7.65E-05	1.21E+01	0.00E+00	5.16E+01	6.98E-07	5.16E+01	6.37E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
VKS03SF	1.20E-02	2.30E+00	5.08E-02	2.25E+00	0.00E+00	0.00E+00	3.45E+00	5.50E-06	1.41E-03	2.26E-02	0.00E+00	6.34E-02	2.84E-10	6.73E-09	3.01E+00	6.09E-02	0.00E+00	0.00E+00	4.07E-03	3.46E-01	5.51E+01	0.00E+00	9.84E-09	9.42E-08	4.46E-03	8.16E-05	1.29E+01	0.00E+00	5.51E+01	7.45E-07	5.51E+01	6.80E+01	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
VKS04SD	3.46E-02	6.60E+00	1.46E-01	6.46E+00	0.00E+00	0.00E+00	9.90E+00	1.58E-05	4.04E-03	6.49E-02	0.00E+00	1.82E-01	8.17E-10	1.93E-08	8.64E+00	1.75E-01	0.00E+00	0.00E+00	1.17E-02	9.95E-01	1.58E+02	0.00E+00	2.83E-08	2.71E-07	1.28E-02	2.35E-04	3.71E+01	0.00E+00	1.58E+02	2.14E-06	1.58E+02	1.95E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	5.01E-01
VKS05SK	3.76E-02	7.19E+00	1.59E-01	7.03E+00	0.00E+00	0.00E+00	1.08E+01	1.72E-05	4.40E-03	7.06E-02	0.00E+00	1.98E-01	8.89E-10	2.10E-08	9.40E+00	1.91E-01	0.00E+00	0.00E+00	1.27E-02	1.08E+00	1.72E+02	0.00E+00	3.08E-08	2.94E-07	1.40E-02	2.55E-04	4.03E+01	0.00E+00	1.72E+02	2.33E-06	1.72E+02	2.13E+02	4.03E+01	0.00E+00	0.00E+00	0.00E+00	5.45E-01
VKS06SV	2.35E-02	4.50E+00	9.93E-02	4.40E+00	0.00E+00	0.00E+00	6.74E+00	1.08E-05	2.75E-03	4.42E-02	0.00E+00	1.24E-01	5.56E-10	1.32E-08	5.88E+00	1.19E-01	0.00E+00	0.00E+00	7.97E-03	6.78E-01	1.08E+02	0.00E+00	1.93E-08	1.84E-07	8.73E-03	1.60E-04	2.53E+01	0.00E+00	1.08E+02	1.46E-06	1.08E+02	1.33E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	3.41E-01
VKS08SC	2.63E-02	5.02E+00	1.11E-01	4.91E+00	0.00E+00	0.00E+00	7.52E+00	1.20E-05	3.07E-03	4.93E-02	0.00E+00	1.39E-01	6.21E-10	1.47E-08	6.57E+00	1.33E-01	0.00E+00	0.00E+00	8.89E-03	7.57E-01	1.20E+02	0.00E+00	2.15E-08	2.06E-07	9.75E-03	1.78E-04	2.82E+01	0.00E+00	1.20E+02	1.63E-06	1.20E+02	1.49E+02	2.82E+01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
VKS12SJ	2.95E-02	5.64E+00	1.25E-01	5.52E+00	0.00E+00	0.00E+00	8.46E+00	1.35E-05	3.46E-03	5.54E-02	0.00E+00	1.56E-01	6.98E-10	1.65E-08	7.38E+00	1.50E-01	0.00E+00	0.00E+00	9.99E-03	8.50E-01	1.35E+02	0.00E+00	2.42E-08	2.31E-07	1.10E-02	2.00E-04	3.17E+01	0.00E+00	1.35E+02	1.83E-06	1.35E+02	1.67E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
VKS13SH	2.37E-02	4.63E+00	8.50E-03	4.62E+00	0.00E+00	0.00E+00	8.71E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.02E-01	5.82E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.08E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.48E+02	3.08E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
Y1106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
Y11101	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
Y11161	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
Y11201	4.49E-03	8.76E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.47E-04	8.78E-03	0.00E+00	3.82E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.84E+00	0.00E+00	2.21E+01	3.09E-07	2.21E+01	2.79E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
Y1125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
Y1132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
Y1140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
Y1150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
Y1163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
Y1206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
Y12101	6.66E-03	1.30E+00	2.39E-03	1.30E+00	0.00E+00	0.00E+00	2.45E+00	3.42E-06	8.11E-04	1.30E-02	0.00E+00	5.67E-02	1.63E-10	3.90E-09	1.87E+00	3.59E-02	0.00E+00	0.00E+00	2.34E-03	2.19E-01	3.28E+01	0.00E+00	6.29E-09	5.36E-08	2.55E-03	5.03E-05	8.66E+00	0.00E+00	3.28E+01	4.59E-07	3.28E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-02
Y12161	9.45E-03	1.84E+00	3.39E-03	1.84E+00	0.00E+00	0.00E+00	3.47E+00	4.85E-06	1.15E-03	1.85E-02	0.00E+00	8.04E-02	2.32E-10	5.54E-09	2.65E+00	5.10E-02	0.00E+00	0.00E+00	3.32E-03	3.11E-01	4.65E+01	0.00E+00	8.92E-09	7.60E-08	3.62E-03	7.14E-05	1.23E+01	0.00E+00	4.65E+01	6.51E-07	4.65E+01	5.88E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
Y1220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
Y1225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
Y1232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
Y1240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
Y1250	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
Y1263	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
Y1306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
Y13101	9.81E-03	1.91E+00	3.52E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.92E-02	0.00E+00	8.35E-02	2.41E-10	5.75E-09	2.75E+00	5.29E-02	0.00E+00	0.00E+00	3.45E-03	3.23E-01	4.83E+01	0.00E+00	9.26E-09	7.89E-08	3.76E-03	7.41E-05	1.28E+01	0.00E+00	4.83E+01	6.76E-07	4.83E+01	6.10E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
Y13161	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
Y1320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
Y13201	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
Y1325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
Y1340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
Y1350	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
Y1363	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
Y1406	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
Y14101	1.28E-02	2.49E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.69E+00	6.55E-06	1.55E-03	2.50E-02	0.00E+00	1.09E-01	3.13E-10	7.48E-09	3.57E+00	6.89E-02	0.00E+00	0.00E+00	4.48E-03	4.20E-01	6.28E+01	0.00E+00	1.20E-08	1.03E-07	4.89E-03	9.64E-05	1.66E+01	0.00E+00	6.28E+01	8.80E-07	6.28E+01	7.94E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.91E-01
Y14161	1.87E-02	3.65E+00	6.71E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.60E-06	2.28E-03	3.66E-02	0.00E+00	1.59E-01	4.59E-10	1.10E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.57E-03	6.16E-01	9.21E+01	0.00E+00	1.77E-08	1.51E-07	7.17E-03	1.41E-04	2.43E+01	0.00E+00	9.21E+01	1.29E-06	9.21E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.80E-01
Y1420	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
Y1425	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
Y1432	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
Y1440	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
Y1450	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
Y1463	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
Y7106	2.79E-03	5.44E-01	9.99E-04	5.43E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.39E-04	5.45E-03	0.00E+00	2.37E-02	6.84E-11	1.63E-09	7.81E-01	1.50E-02	0.00E+00	0.00E+00	9.79E-04	9.17E-02	1.37E+01	0.00E+00	2.63E-09	2.24E-08	1.07E-03	2.11E-05	3.63E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
Y7110	3.86E-03	7.52E-01	1.38E-03	7.51E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.69E-04	7.54E-03	0.00E+00	3.28E-02	9.46E-11	2.26E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.90E+01	0.00E+00	3.64E-09	3.10E-08	1.48E-03	2.91E-05	5.01E+00	0.00E+00	1.90E+01	2.66E-07	1.90E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02

	Y7116	5.14E-03	1.00E+00	1.84E-03	1.00E+00	0.00E+00	0.00E+00	1.89E+00	2.64E-06	6.26E-04	1.01E-02	0.00E+00	4.37E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.81E-03
	Y7120	5.78E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.12E+00	2.96E-06	7.03E-04	1.13E-02	0.00E+00	4.91E-02	1.42E-10	3.38E-09	1.62E+00	3.12E-02	0.00E+00	0.00E+00	2.03E-03
	Y7125	6.43E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.30E-06	7.82E-04	1.26E-02	0.00E+00	5.47E-02	1.58E-10	3.77E-09	1.80E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-03
	Y7132	9.41E-03	1.84E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.15E-03	1.84E-02	0.00E+00	8.01E-02	2.31E-10	5.52E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.31E-03
	Y7140	1.03E-02	2.01E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.75E-02	2.52E-10	6.02E-09	2.88E+00	5.55E-02	0.00E+00	0.00E+00	3.61E-03
	Y7150	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03
	Y7163	1.58E-02	3.09E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.82E+00	8.13E-06	1.93E-03	3.10E-02	0.00E+00	1.35E-01	3.89E-10	9.28E-09	4.44E+00	8.55E-02	0.00E+00	0.00E+00	5.56E-03
	Y7206	5.58E-03	1.09E+00	2.00E-03	1.09E+00	0.00E+00	0.00E+00	2.05E+00	2.86E-06	6.79E-04	1.09E-02	0.00E+00	4.74E-02	1.37E-10	3.27E-09	1.56E+00	3.01E-02	0.00E+00	0.00E+00	1.96E-03
	Y7210	8.13E-03	1.59E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.91E-02	1.99E-10	4.76E-09	2.28E+00	4.39E-02	0.00E+00	0.00E+00	2.85E-03
	Y7216	1.09E-02	2.13E+00	3.91E-03	2.13E+00	0.00E+00	0.00E+00	4.01E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.29E-02	2.68E-10	6.40E-09	3.06E+00	5.89E-02	0.00E+00	0.00E+00	3.83E-03
	Y7220	1.18E-02	2.30E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.32E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.89E-10	6.89E-09	3.30E+00	6.35E-02	0.00E+00	0.00E+00	4.13E-03
	Y7225	1.43E-02	2.80E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.27E+00	7.35E-06	1.75E-03	2.80E-02	0.00E+00	1.22E-01	3.52E-10	8.40E-09	4.02E+00	7.74E-02	0.00E+00	0.00E+00	5.03E-03
	Y7232	1.56E-02	3.05E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.74E+00	8.01E-06	1.90E-03	3.06E-02	0.00E+00	1.33E-01	3.83E-10	9.15E-09	4.38E+00	8.43E-02	0.00E+00	0.00E+00	5.49E-03
	Y7240	2.05E-02	4.01E+00	7.36E-03	4.00E+00	0.00E+00	0.00E+00	7.55E+00	1.05E-05	2.50E-03	4.02E-02	0.00E+00	1.75E-01	5.04E-10	1.20E-08	5.76E+00	1.11E-01	0.00E+00	0.00E+00	7.22E-03
	Y7250	1.80E-02	3.51E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.52E-02	0.00E+00	1.53E-01	4.41E-10	1.05E-08	5.04E+00	9.70E-02	0.00E+00	0.00E+00	6.31E-03
	Y7263	2.57E-02	5.01E+00	9.20E-03	5.00E+00	0.00E+00	0.00E+00	9.44E+00	1.32E-05	3.13E-03	5.02E-02	0.00E+00	2.19E-01	6.30E-10	1.51E-08	7.20E+00	1.39E-01	0.00E+00	0.00E+00	9.02E-03
	Y7306	8.35E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.02E-03	1.63E-02	0.00E+00	7.10E-02	2.05E-10	4.89E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03
	Y7310	1.24E-02	2.42E+00	4.45E-03	2.42E+00	0.00E+00	0.00E+00	4.56E+00	6.37E-06	1.51E-03	2.43E-02	0.00E+00	1.06E-01	3.05E-10	7.28E-09	3.48E+00	6.70E-02	0.00E+00	0.00E+00	4.36E-03
	Y7316	1.71E-02	3.34E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.29E+00	8.78E-06	2.08E-03	3.35E-02	0.00E+00	1.46E-01	4.20E-10	1.00E-08	4.80E+00	9.24E-02	0.00E+00	0.00E+00	6.01E-03
	Y7320	1.86E-02	3.63E+00	6.67E-03	3.63E+00	0.00E+00	0.00E+00	6.85E+00	9.56E-06	2.27E-03	3.64E-02	0.00E+00	1.58E-01	4.57E-10	1.09E-08	5.22E+00	1.01E-01	0.00E+00	0.00E+00	6.54E-03
	Y7325	2.03E-02	3.97E+00	7.29E-03	3.96E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.48E-03	3.98E-02	0.00E+00	1.73E-01	4.99E-10	1.19E-08	5.70E+00	1.10E-01	0.00E+00	0.00E+00	7.15E-03
	Y7332	2.63E-02	5.14E+00	9.44E-03	5.13E+00	0.00E+00	0.00E+00	9.68E+00	1.35E-05	3.21E-03	5.15E-02	0.00E+00	2.24E-01	6.46E-10	1.54E-08	7.38E+00	1.42E-01	0.00E+00	0.00E+00	9.25E-03
	Y7340	4.00E-02	7.81E+00	1.43E-02	7.80E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.87E-03	7.83E-02	0.00E+00	3.41E-01	9.82E-10	2.35E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.41E-02
	Y7350	3.17E-02	6.18E+00	1.14E-02	6.17E+00	0.00E+00	0.00E+00	1.16E+01	1.63E-05	3.86E-03	6.20E-02	0.00E+00	2.69E-01	7.77E-10	1.86E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02
	Y7363	3.87E-02	7.56E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.42E+01	1.99E-05	4.72E-03	7.58E-02	0.00E+00	3.30E-01	9.50E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02
	Y7406	1.11E-02	2.17E+00	3.99E-03	2.17E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.36E-03	2.18E-02	0.00E+00	9.47E-02	2.73E-10	6.52E-09	3.12E+00	6.01E-02	0.00E+00	0.00E+00	3.91E-03
	Y7410	1.69E-02	3.30E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.21E+00	8.67E-06	2.06E-03	3.31E-02	0.00E+00	1.44E-01	4.15E-10	9.91E-09	4.74E+00	9.12E-02	0.00E+00	0.00E+00	5.94E-03
	Y7416	2.29E-02	4.47E+00	8.21E-03	4.46E+00	0.00E+00	0.00E+00	8.42E+00	1.17E-05	2.79E-03	4.48E-02	0.00E+00	1.95E-01	5.62E-10	1.34E-08	6.41E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-03
	Y7420	2.48E-02	4.85E+00	8.90E-03	4.84E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.86E-02	0.00E+00	2.11E-01	6.09E-10	1.46E-08	6.96E+00	1.34E-01	0.00E+00	0.00E+00	8.72E-03
	Y7425	2.91E-02	5.68E+00	1.04E-02	5.67E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.69E-02	0.00E+00	2.48E-01	7.14E-10	1.71E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02
	Y7432	3.00E-02	5.85E+00	1.07E-02	5.84E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.65E-03	5.86E-02	0.00E+00	2.55E-01	7.35E-10	1.76E-08	8.40E+00	1.62E-01	0.00E+00	0.00E+00	1.05E-02
	Y7440	4.56E-02	8.90E+00	1.63E-02	8.88E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.55E-03	8.92E-02	0.00E+00	3.88E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02
	Y7450	4.22E-02	8.23E+00	1.51E-02	8.21E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.13E-03	8.25E-02	0.00E+00	3.59E-01	1.03E-09	2.47E-08	1.18E+01	2.28E-01	0.00E+00	0.00E+00	1.48E-02
	Y7463	5.27E-02	1.03E+01	1.89E-02	1.03E+01	0.00E+00	0.00E+00	1.94E+01	2.71E-05	6.42E-03	1.03E-01	0.00E+00	4.49E-01	1.29E-09	3.09E-08	1.48E+01	2.85E-01	0.00E+00	0.00E+00	1.85E-02
	YZB110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03
	YZB116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03
	YZB120	5.97E-03	1.17E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.27E-04	1.17E-02	0.00E+00	5.08E-02	1.47E-10	3.50E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.10E-03
	YZB125	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03
	YZB316	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03
	YZB320	1.85E-02	3.61E+00	6.64E-03	3.61E+00	0.00E+00	0.00E+00	6.81E+00	9.50E-06	2.25E-03	3.62E-02	0.00E+00	1.58E-01	4.54E-10	1.09E-08	5.19E+00	9.99E-02	0.00E+00	0.00E+00	6.50E-03
	YZB325	2.03E-02	3.96E+00	7.27E-03	3.95E+00	0.00E+00	0.00E+00	7.46E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.73E-01	4.98E-10	1.19E-08	5.68E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03
	YZC110	3.49E-03	6.82E-01	1.25E-03	6.80E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.25E-04	6.83E-03	0.00E+00	2.97E-02	8.57E-11	2.05E-09	9.79E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03
	YZC116	4.96E-03	9.68E-01	1.78E-03	9.66E-01	0.00E+00	0.00E+00	1.82E+00	2.54E-06	6.04E-04	9.70E-03	0.00E+00	4.22E-02	1.22E-10	2.91E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03
	YZC120	5.87E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.14E-04	1.15E-02	0.00E+00	4.99E-02	1.44E-10	3.44E-09	1.64E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03
	YZC125	6.32E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.69E-04	1.24E-02	0.00E+00	5.37E-02	1.55E-10	3.70E-09	1.77E+00	3.41E-02	0.00E+00	0.00E+00	2.22E-03
	YZC316	1.50E-02	2.92E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.68E-06	1.82E-03	2.93E-02	0.00E+00	1.27E-01	3.67E-10	8.77E-09	4.19E+00	8.08E-02	0.00E+00	0.00E+00	5.26E-03
	YZC320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03
	YZC325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03
End Of Life C1-C4	MBN116	6.34E-04	1.39E-01	3.49E-03	1.35E-01	0.00E+00	0.00E+00	7.24E-01	1.38E-06	2.77E-04	1.21E-03	0.00E+00	-4.21E-05	1.30E-10	3.32E-09	4.62E-03	1.90E-01	0.00E+00	0.00E+00	5.60E-01
	B02813	6.77E-04	1.41E-01	4.01E-03	1.35E-01	2.87E-12	0.00E+00	7.14E-01	1.37E-06	2.93E-04	1.18E-03	0.00E+00	-1.02E-04	1.89E-10	3.65E-09	4.53E-03	1.85E-01	7.76E-05	7.07E-04	5.31E-01
	B02823	6.77E-04	1.41E-01	4.01E-03	1.35E-01	2.87E-12	0.00E+00	7.14E-01	1.37E-06	2.93E-04	1.18E-03	0.00E+00	-1.02E-04	1.20E-10	3.65E-09	4.53E-03	1.85E-01	7.76E-05	7.07E-04	5.31E-01
	B02861	6.77E-04	1.41E-01	4.01E-03	1.35E-01	2.87E-12	0.00E+00	7.14E-01	1.37E-06	2.93E-04	1.18E-03	0.00E+00	-1.02E-04	1.89E-10	3.65E-09	4.53E-03	1.85E-01	7.76E-05	7.07E-04	5.31E-01
	B02870	6.77E-04	1.41E-01	4.01E-03	1.35E-01	2.87E-12	0.00E+00	7.14E-01	1.37E-06	2.93E-04	1.18E-03	0.00E+00	-1.02E-04	1.20E-10	3.65E-09	4.53E-03	1.85E-01	7.76E-05	7.07E-04	5.31E-01
	HLE180S	1.83E-03	2.88E-01	8.56E-03	2.77E-01	2.87E-12	0.00E+00	1.74E+00	3.37E-06	1.23E-03	2.63E-03	0.00E+00	-1.35E-04	3.06E-10	1.25E-08	1.13E-02	4.96E-01	0.00E+00	0.00E+00	1.40E+00
	HLE280S	4.16E-03	5.86E-01	2.90E-02	5.71E-01	2.87E-12	0.00E+00	5.04E+00	8.40E-06	2.51E-03	5.27E-03	0.00E+00	-2.60E-04	6.22E-10	2.77E-08	2.88E-02	1.25E+00	0.00E+00	0.00E+00	3.83E+00
	HLE290S	5.19E-03	6.06E-01	2.14E-02	5.88E-01	2.87E-12	0.00E+00	5.12E+00	8.76E-06	3.01E-03	5.38E-03	0.00E+00	-2.69E-04	6.43E-10	3.43E-08	2.93E-02	1.40E+00	0.00E+00	0.00E+00	3.98E+00
	HLE380S	7.70E-03	8.60E-01	3.42E-02	8.09E-01	2.87E-12	0.00E+00	5.83E+00	1.03E-05	4.50E-03	7.78E-03	0.00E+00	-3.11E-04	1.08E-09	5.11E-08	3.81E-02	1.74E+00	0.00E+00	0.00E+00	4.42E+00
	HLE390S	7.74E-03	8.63E-01	3.47E-02	8.15E-01	2.87E-12	0.00E+00	5.84E+00	1.04E-05	4.52E-03	7.84E-03	0.00E+00	-2.92E-04	1.08E-09	5.13E-08	3.83E-02	1.77E+00	0.00E+00	0.00E+00	4.51E+00
	HLF180S	1.83E-03	2.88E-01	8.56E-03	2.76E-01	2.87E-12	0.00E+00	1.74E+00	3.38E-06	1.23E-03	2.63E-03	0.00E+00	-2.73E-05	3.06E-10	1.25E-08	1.13E-02	4.96E-01	0.00E+00	0.00E+00	1.40E+00
	HLF190S	1.83E-03	2.88E-01	8.57E-03	2.78E-01	2.87E-12	0.00E+00	1.73E+00	3.37E-06	1.26E-03	2.62E-03	0.00E+00	-1.26E-04	3.04E-10	1.26E-08	1.13E-02	4.95E-01	0.00E+00	0.00E+00	1.40E+00
	HLF199S	1.94E-03	2.92E-01	8.98E-03	2.83E-01	2.87E-12	0.00E+00	1.76E+00	3.38E-06	1.89E-03	2.75E-03	0.00E+00	-1.59E-04	3.11E-10	1.60E-08	1.14E-02	6.27E-01	0.00E+00	0.00E+00	1.51E+00
	HLF280S	4.21E-03	6.03E-01	2.90E-02	5.86E-01	2.87E-12	0.00E+00	5.09E+00	8.78E-06	2.53E-03	5.35E-03	0.00E+00	-2.60E-04	6.30E-10	2.85E-08	2.94E-02	1.25E+00	0.00E+00	0.00E+00	3.85E+00
	HLF290S	5.19E-03	5.95E-01	3.11E-02	5.88E-01	2.87E-12	0.00E+00	4.95E+00	8.49E-06	3.00E-03	5.38E-03	0.00E+00	-2.71E-04	6.38E-10	3.42E-08	2.79E-02	1.33E+00	0.00E+00	0.00E+00	3.66E+00
	HLF299S	5.22E-03	5.95E-01	3.11E-02	5.89E-01	2.87E-12	0.00E+00	4.95E+00	8.48E-06	3.01E-03	5.39E-03	0.00E+00	-2.75E-04	6.39E-10	3.43E-08	2.78E-02	1.35E+00	0.00E+00	0.00E+00	3.65E+00
	HLF380S	7.70E-03	8.58E-01	3.42E-02	8.08E-01	2.87E-12	0.00E+00	5.83E+00	1.03E-05	4.50E-03	7.78E-03	0.00E+00	-3.11E-04	1.08E-09	5.11E-08	3.81E-02	1.75E+00	0.00E+00	0.00E+00	4.43E+00
	HLF390S	7.74E-03	8.68E-01	3.33E-02	8.19E-01	2.87E-12	0.00E+00	5.83E+00	1.03E-05	4.51E-03	7.86E-03	0.00E+00	-3.02E-04	1.08E-09	5.13E-08	3.81E-02	1.76E+00	0.00E+00	0.00E+00	4.49E+00
	HLF399S	7.76E-03	8.72E-01	3.49E-02	8.21E-01	2.87E-12	0.00E+00	5.85E+00	1.03E-05	4.52E-03	7.89E-03	0.00E+00	-3.33E-04	1.08E-09	5.14E-08	3.81E-02	1.76E+00	0.00E+00	0.00E+00	4.49E+00
	HMB180	2.60E-03	3.50E-01	1.09E-02	3.41E-01	2.87E-12	0.00E+00	2.36E+00	4.35E-06	1.34E-03	3.25E-03	0.00E+00	1.56E-04	3.57E-10	1.59E-08	1.44E-02	6.11E-01	0.00E+00	0.00E+00	1.71E+00
	HMB190	2.69E-03	3.52E-01	1.19E-02	3.34E-01	2.87E-12	0.00E+00	2.37E+00	4.36E-06	1.34E-03	3.27E-03	0.00E+00	1.13E-04	3.85E-10	1.63E-08	1.45E-02	6.18E-01	0.00E+00	0.00E+00	1.76E+00
	HMB199	3.50E-03	3.52E-01	1.28E-02	3.33E-01	2.87E-12	0.00E+00	2.38E+00	4.37E-06	2.04E-03	3.28E-03	0.00E+00	9.42E-05	3.90E-10	2.33E-08	1.45E-02	7.39E-01	0.00E+00	0.00E+00	1.85E+00
	HMB280	5.39E-03	6.50E-01	3.09E-02	6.21E-01	2.87E-12	0.00E+00	5.72E+00	1.05E-05	3.12E-03	5.90E-03	0.00E+00	-2.21E-04	8.38E-10	3.59E-08	3.23E-02	1.56E+00	0.00E+00	0.00E+00	4.44E+00
	HMB290	5.45E-03	6.35E-01	3.10E-02	6.16E-01	2.87E-12	0.00E+00	5.74E+00	1.05E-05	3.15E-03	5.70E-03	0.00E+00	-2.31E-04	8.73E-10	3.60E-08	3.25E-02	1.60E+00	0.00E+00	0.00E+00	4.50E+00
	HMB299	5.48E-03	6.35E-01	3.10E-02	6.17E-01	2.87E-12	0.00E+00	5.74E+00	1.05E-05	3.16E-03	5.71E-03	0.00E+00	-2.39E-04	8.73E-10	3.61E-08	3.25E-02	1.62E+00	0.00E+00	0.00E+00	4.50E+00
	HMB380	8.19E-03	9.29E-01	3.47E-02	8.95E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00
	HMB480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00
	HMB490	1.09E-02	1.24E+00	4.59E-02	1.20E+00	0.00E+00	0.00E+00	9.73E+00	1.85E-05	6.16E-03	1.14E-02	0.00E+00	-3.28E-04	1.57E-09	7.23E-08	5.72E-02	2.74E+00	0.00E+00	0.00E+00	7.54E+00
	HMB499	1.08E-02	1.24E+00	4.58E-02	1.19E+00	0.00E+00	0.00E+00	9.71E+00	1.84E-05	6.12E-03	1.14E-02	0.00E+00	-3.28E-04	1.56E-09	7.19E-08	5.71E-02	2.73E+00	0.00E+00	0.00E+00	7.52E+00
	HMC180	2.74E-03	3.12E-01	1.19E-02	3.01E-01	0.00E+00	0.00E+00	2.48E+00	4.67E-06	1.55E-03	2.89E-03	0.00E+00	5.22E-04	3.95E-10	1.82E-08	1.49E-02	6.95E-01	0.00E+00	0.00E+00	1.91E+00
	HMC180T	2.61E-03	3.47E-01	1.17E-02	3.37E-01	2.87E-12	0.00E+00	2.36E+00	4.38E-06	1.34E-03	3.23E-03	0.00E+00	2.79E-04	3.81E-10	1.59E-08	1.44E-02	6.22E-01	0.00E+00	0.00E+00	1.72E+00
	HMC190	2.68E-03	3.56E-01	1.22E-02	3.40E-01	2.87E-12	0.00E+00	2.38E+00	4.36E-06	1.33E-03	3.29E-03	0.00E+00	-7.84E-05	3.91E-10	1.62E-08	1.48E-02	6.18E-01	0.00E+00	0.00E+00	1.77E+00
	HMC190T	2.69E-03	3.52E-01	1.19E-02	3.34E-01	2.87E-12	0.00E+00	2.37E+00	4.35E-06	1.34E-03	3.28E-03	0.00E+00	1.13E-04	3.85E-10	1.63E-08	1.45E-02	6.18E-01	0.00E+00	0.00E+00	1.76E+00
	HMC199	3.50E-03	3.52E-01	1.28E-02	3.34E-01	2.87E-12	0.00E+00	2.37E+00	4.37E-06	2.04E-03	3.28E-03	0.00E+00	9.42E-05	3.90E-10	2.33E-08	1.45E-02	7.39E-01	0.00E+00	0.00E+00	1.85E+00
	HMC199T	3.50E-03	3.52E-01	1.28E-02	3.34E-01	2.87E-12	0.00E+00	2.37E+00	4.37E-06	2.04E-03	3.28E-03	0.00E+00	9.42E-05	3.89E-10	2.32E-08	1.45E-02	7.39E-01	0.00E+00	0.00E+00	1.85E+00
	HMC280	5.39E-03	6.48E-01	3.08E-02	6.19E-01	2.87E-12	0.00E+00	5.75E+00	1.05E-05	3.12E-03	5.88E-03	0.00E+00	-2.20E-04	8.38E-10	3.58E-08	3.25E-02	1.57E+00	0.00E+00	0.00E+00	4.46E+00
	HMC280T	5.39E-03	6.49E-01	3.08E-02	6.19E-01	2.87E-12	0.00E+00	5.76E+00	1.05E-05	3.12E-03	5.88E-03	0.00E+00	-2.20E-04	8.38E-10	3.58E-08	3.25E-02	1.57E+00	0.00E+00	0.00E+00	4.46E+00

Y7116	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.14E-08	1.97E-03	3.88E-05	6.69E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.20E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
Y7120	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.65E-08	2.21E-03	4.36E-05	7.51E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02
Y7125	2.11E-01	3.16E+01	0.00E+00	6.07E-09	5.17E-08	2.46E-03	4.85E-05	8.36E+00	0.00E+00	3.16E+01	4.43E-07	3.16E+01	4.00E+01	8.36E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-02
Y7132	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.57E-08	3.61E-03	7.11E-05	1.22E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.86E+01	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
Y7140	3.38E-01	5.06E+01	0.00E+00	9.71E-09	8.27E-08	3.94E-03	7.76E-05	1.34E+01	0.00E+00	5.06E+01	7.09E-07	5.06E+01	6.40E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
Y7150	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
Y7163	5.21E-01	7.80E+01	0.00E+00	1.50E-08	1.27E-07	6.07E-03	1.20E-04	2.06E+01	0.00E+00	7.80E+01	1.09E-06	7.80E+01	9.86E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
Y7206	1.83E-01	2.74E+01	0.00E+00	5.26E-09	4.49E-08	2.14E-03	4.21E-05	7.25E+00	0.00E+00	2.74E+01	3.84E-07	2.74E+01	3.47E+01	7.25E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
Y7210	2.67E-01	4.00E+01	0.00E+00	7.67E-09	6.54E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
Y7216	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.78E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.53E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
Y7220	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.47E-08	4.51E-03	8.89E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
Y7225	4.72E-01	7.06E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.86E+01	0.00E+00	7.06E+01	9.88E-07	7.06E+01	8.92E+01	1.86E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
Y7232	5.14E-01	7.69E+01	0.00E+00	1.47E-08	1.26E-07	5.99E-03	1.18E-04	2.03E+01	0.00E+00	7.69E+01	1.08E-06	7.69E+01	9.72E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
Y7240	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.87E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
Y7250	5.91E-01	8.85E+01	0.00E+00	1.70E-08	1.45E-07	6.89E-03	1.36E-04	2.34E+01	0.00E+00	8.85E+01	1.24E-06	8.85E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
Y7263	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.07E-07	9.84E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
Y7306	2.75E-01	4.11E+01	0.00E+00	7.88E-09	6.71E-08	3.20E-03	6.30E-05	1.09E+01	0.00E+00	4.11E+01	5.75E-07	4.11E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
Y7310	4.08E-01	6.11E+01	0.00E+00	1.17E-08	9.99E-08	4.76E-03	9.38E-05	1.61E+01	0.00E+00	6.11E+01	8.56E-07	6.11E+01	7.73E+01	1.61E+01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
Y7316	5.63E-01	8.43E+01	0.00E+00	1.62E-08	1.38E-07	6.56E-03	1.29E-04	2.23E+01	0.00E+00	8.43E+01	1.18E-06	8.43E+01	1.07E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
Y7320	6.13E-01	9.17E+01	0.00E+00	1.76E-08	1.50E-07	7.14E-03	1.41E-04	2.42E+01	0.00E+00	9.17E+01	1.28E-06	9.17E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
Y7325	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.64E-07	7.80E-03	1.54E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.27E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
Y7332	8.66E-01	1.30E+02	0.00E+00	2.49E-08	2.12E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.30E+02	1.82E-06	1.30E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
Y7340	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.22E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
Y7350	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.55E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
Y7363	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.12E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.79E-01
Y7406	3.66E-01	5.48E+01	0.00E+00	1.05E-08	8.96E-08	4.27E-03	8.41E-05	1.45E+01	0.00E+00	5.48E+01	7.67E-07	5.48E+01	6.93E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
Y7410	5.56E-01	8.32E+01	0.00E+00	1.60E-08	1.36E-07	6.48E-03	1.28E-04	2.20E+01	0.00E+00	8.32E+01	1.17E-06	8.32E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.53E-01
Y7416	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.77E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
Y7420	8.17E-01	1.22E+02	0.00E+00	2.34E-08	2.00E-07	9.52E-03	1.88E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.55E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
Y7425	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.12E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.35E-01
Y7432	9.86E-01	1.48E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.48E+02	2.07E-06	1.48E+02	1.87E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
Y7440	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.67E-07	1.75E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.84E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.81E-01
Y7450	1.39E+00	2.08E+02	0.00E+00	3.98E-08	3.39E-07	1.62E-02	3.19E-04	5.49E+01	0.00E+00	2.08E+02	2.91E-06	2.08E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
Y7463	1.73E+00	2.60E+02	0.00E+00	4.98E-08	4.24E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.60E+02	3.64E-06	2.60E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.88E-01
YZB110	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
YZB116	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
YZB120	1.97E-01	2.94E+01	0.00E+00	5.64E-09	4.81E-08	2.29E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.12E-07	2.94E+01	3.72E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
YZB125	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
YZB316	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
YZB320	6.09E-01	9.11E+01	0.00E+00	1.75E-08	1.49E-07	7.10E-03	1.40E-04	2.41E+01	0.00E+00	9.11E+01	1.28E-06	9.11E+01	1.15E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	2.77E-01
YZB325	6.68E-01	9.99E+01	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.64E+01	0.00E+00	9.99E+01	1.40E-06	9.99E+01	1.26E+02	2.64E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
YZC110	1.15E-01	1.72E+01	0.00E+00	3.30E-09	2.81E-08	1.34E-03	2.64E-05	4.54E+00	0.00E+00	1.72E+01	2.41E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
YZC116	1.63E-01	2.44E+01	0.00E+00	4.68E-09	3.99E-08	1.90E-03	3.75E-05	6.45E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
YZC120	1.93E-01	2.89E+01	0.00E+00	5.54E-09	4.72E-08	2.25E-03	4.43E-05	7.63E+00	0.00E+00	2.89E+01	4.04E-07	2.89E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
YZC125	2.08E-01	3.11E+01	0.00E+00	5.96E-09	5.08E-08	2.42E-03	4.77E-05	8.22E+00	0.00E+00	3.11E+01	4.36E-07	3.11E+01	3.93E+01	8.22E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-02
YZC316	4.92E-01	7.37E+01	0.00E+00	1.41E-08	1.20E-07	5.74E-03	1.13E-04	1.95E+01	0.00E+00	7.37E+01	1.03E-06	7.37E+01	9.31E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.24E-01
YZC320	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
YZC325	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MBN116	5.70E-04	1.04E+00	0.00E+00	8.42E-09	4.14E-09	3.16E-04	2.42E-08	9.94E-02	0.00E+00	1.04E+00	2.21E-07	1.04E+00	1.14E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
B02813	1.26E-03	1.02E+00	0.00E+00	8.21E-09	4.01E-09	3.16E-04	9.46E-08	9.58E-02	0.00E+00	1.02E+00	2.19E-07	1.02E+00	1.11E+00	9.58E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
B02823	1.27E-03	1.02E+00	0.00E+00	8.21E-09	4.01E-09	3.16E-04	9.46E-08	9.58E-02	0.00E+00	1.02E+00	2.19E-07	1.02E+00	1.11E+00	9.58E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
B02861	1.26E-03	1.02E+00	0.00E+00	8.21E-09	4.01E-09	3.16E-04	9.46E-08	9.58E-02	0.00E+00	1.02E+00	2.19E-07	1.02E+00	1.11E+00	9.58E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
B02870	1.27E-03	1.02E+00	0.00E+00	8.21E-09	4.01E-09	3.16E-04	9.46E-08	9.58E-02	0.00E+00	1.02E+00	2.19E-07	1.02E+00	1.11E+00	9.58E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
HLE180S	2.10E-03	2.41E+00	0.00E+00	1.91E-08	9.95E-09	7.08E-04	7.89E-08	2.46E-01	0.00E+00	2.41E+00	4.62E-07	2.41E+00	2.66E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
HLE280S	3.44E-03	6.82E+00	0.00E+00	4.83E-08	2.75E-08	1.46E-03	1.36E-07	6.49E-01	0.00E+00	6.82E+00	4.37E-07	6.82E+00	7.48E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
HLE290S	3.42E-03	7.02E+00	0.00E+00	4.99E-08	2.80E-08	1.54E-03	1.53E-07	6.79E-01	0.00E+00	7.02E+00	9.23E-07	7.02E+00	7.70E+00	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
HLE380S	3.82E-03	7.43E+00	0.00E+00	5.64E-08	3.11E-08	2.22E-03	1.71E-07	7.72E-01	0.00E+00	7.43E+00	1.29E-06	7.43E+00	8.18E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HLE390S	3.52E-03	7.51E+00	0.00E+00	5.71E-08	3.16E-08	2.23E-03	1.65E-07	7.88E-01	0.00E+00	7.51E+00	4.49E-07	7.51E+00	8.29E+00	7.88E-01	0.00E+00	0.00E+00	0.00E+00	1.65E+02
HLF180S	2.07E-03	2.41E+00	0.00E+00	1.91E-08	9.94E-09	7.08E-04	7.88E-08	2.46E-01	0.00E+00	2.41E+00	4.62E-07	2.41E+00	2.66E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
HLF190S	2.02E-03	2.41E+00	0.00E+00	1.90E-08	9.94E-09	7.05E-04	7.96E-08	2.47E-01	0.00E+00	2.41E+00	4.61E-07	2.41E+00	2.66E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
HLF199S	2.23E-03	2.43E+00	0.00E+00	1.95E-08	1.00E-08	7.53E-04	8.43E-08	2.52E-01	0.00E+00	2.43E+00	4.39E-07	2.43E+00	2.70E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
HLF280S	3.44E-03	7.06E+00	0.00E+00	5.01E-08	2.78E-08	1.46E-03	1.36E-07	6.51E-01	0.00E+00	7.06E+00	4.55E-07	7.06E+00	7.74E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
HLF290S	3.42E-03	6.79E+00	0.00E+00	4.79E-08	2.67E-08	1.53E-03	1.51E-07	6.54E-01	0.00E+00	6.79E+00	4.30E-07	6.79E+00	7.19E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
HLF299S	3.35E-03	6.78E+00	0.00E+00	4.78E-08	2.68E-08	1.55E-03	1.54E-07	6.54E-01	0.00E+00	6.78E+00	4.15E-07	6.78E+00	7.17E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
HLF380S	3.83E-03	7.46E+00	0.00E+00	5.65E-08	3.12E-08	2.22E-03	1.70E-07	7.73E-01	0.00E+00	7.46E+00	1.32E-06	7.46E+00	8.20E+00	7.73E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HLF390S	3.52E-03	7.45E+00	0.00E+00	5.70E-08	3.12E-08	2.23E-03	1.70E-07	7.87E-01	0.00E+00	7.45E+00	1.26E-06	7.45E+00	8.25E+00	7.87E-01	0.00E+00	0.00E+00	0.00E+00	1.65E+02
HLF399S	3.57E-03	7.46E+00	0.00E+00	5.70E-08	3.12E-08	2.22E-03	1.75E-07	7.91E-01	0.00E+00	7.46E+00	4.31E-07	7.46E+00	8.27E+00	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.65E+02
HMB180	8.50E-04	3.12E+00	0.00E+00	2.48E-08	1.24E-08	8.73E-04	8.52E-08	3.13E-01	0.00E+00	3.12E+00	4.35E-07	3.12E+00	3.45E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
HMB190	1.59E-03	3.19E+00	0.00E+00	2.54E-08	1.24E-08	8.80E-04	1.10E-07	3.22E-01	0.00E+00	3.19E+00	4.65E-07	3.19E+00	3.51E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
HMB199	1.96E-03	3.18E+00	0.00E+00	2.54E-08	1.27E-08	8.79E-04	1.23E-07	3.30E-01	0.00E+00	3.18E+00	4.42E-07	3.18E+00	3.51E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
HMB280	3.45E-03	7.38E+00	0.00E+00	5.59E-08	2.81E-08	1.72E-03	1.32E-07	7.63E-01	0.00E+00	7.38E+00	4.01E-07	7.38E+00	8.13E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMB290	3.39E-03	7.46E+00	0.00E+00	5.69E-08	2.90E-08	1.74E-03	1.50E-07	7.80E-01	0.00E+00	7.46E+00	4.47E-07	7.46E+00	8.25E+00	7.80E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
HMB299	3.33E-03	7.45E+00	0.00E+00	5.70E-08	2.92E-08	1.74E-03	1.53E-07	7.80E-01	0.00E+00	7.45E+00	4.31E-07	7.45E+00	8.24E+00	7.80E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
HMB380	3.84E-03	9.31E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.99E-01	0.00E+00	9.31E+00	1.68E-06	9.31E+00	1.03E+01	9.99E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMB480	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
HMB490	4.49E-03	1.24E+01	0.00E+00	9.74E-08	5.00E-08	3.33E-03	2.18E-07	1.33E+00	0.00E+00	1.24E+01	2.25E-06	1.24E+01	1.37E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+02
HMB499	4.49E-03	1.24E+01	0.00E+00	9.73E-08	4.99E-08	3.32E-03	2.18E-07	1.33E+00	0.00E+00	1.24E+01	2.25E-06	1.24E+01	1.37E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
HMC180	1.17E-04	3.15E+00	0.00E+00	2.46E-08	1.26E-08	8.40E-04	5.99E-08	3.37E-01	0.00E+00	3.15E+00	5.78E-07	3.15E+00	3.49E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
HMC180T	8.16E-04	3.12E+00	0.00E+00	2.48E-08	1.24E-08	8.73E-04	8.42E-08	3.13E-01	0.00E+00	3.12E+00	4.35E-07	3.12E+00	3.45E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
HMC190	1.99E-03	3.20E+00	0.00E+00	2.56E-08	1.24E-08	8.81E-04	1.10E-07	3.24E-01	0.00E+00	3.20E+00	4.82E-07	3.20E+00	3.52E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
HMC190T	1.59E-03	3.19E+00	0.00E+00	2.54E-08	1.24E-08	8.80E-04	1.10E-07	3.22E-01	0.00E+00	3.19E+00	4.65E-07	3.19E+00	3.51E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
HMC199	1.96E-03	3.18E+00	0.00E+00	2.55E-08	1.27E-08	8.79E-04	1.23E-07	3.30E-01	0.00E+00	3.18E+00	4.42E-07	3.18E+00	3.51E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
HMC199T	1.96E-03	3.18E+00	0.00E+00	2.55E-08	1.27E-08	8.79E-04	1.22E-07	3.30E-01	0.00E+00	3.18E+00	4.42E-07	3.18E+00	3.51E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
HMC280	3.45E-03	7.43E+00	0.00E+00	5.62E-08	2.82E-08	1.72E-03	1.31E-07	7.65E-01	0.00E+00	7.43E+00	4.03E-07	7.43E+00	8.18E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMC280T	3.45E-03	7.43E+00	0.00E+00	5.62E-08	2.82E-08	1.72E-03	1.31E-07	7.65E-01	0.00E+00	7.43E+00	4.12E-07	7.43E+00	8.18E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02

HMC290	5.34E-03	6.25E-01	3.07E-02	6.14E-01	2.87E-12	0.00E+00	5.50E+00	1.02E-05	3.07E-03	5.69E-03	0.00E+00	-2.35E-04	8.49E-10	3.53E-08	3.09E-02	1.53E+00	0.00E+00	0.00E+00	4.22E+00	3.39E-03	7.20E+00	0.00E+00	5.51E-08	2.74E-08	1.73E-03	1.49E-07	7.47E-01	0.00E+00	7.20E+00	4.41E-07	7.20E+00	7.76E+00	7.47E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
HMC290T	5.45E-03	6.29E-01	3.09E-02	6.18E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.15E-03	5.71E-03	0.00E+00	-2.35E-04	8.68E-10	3.60E-08	3.13E-02	1.55E+00	0.00E+00	0.00E+00	4.26E+00	3.39E-03	7.28E+00	0.00E+00	5.55E-08	2.79E-08	1.74E-03	1.49E-07	7.60E-01	0.00E+00	7.28E+00	4.50E-07	7.28E+00	7.86E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMC299	5.48E-03	6.29E-01	3.09E-02	6.18E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.16E-03	5.72E-03	0.00E+00	-2.43E-04	8.68E-10	3.62E-08	3.13E-02	1.56E+00	0.00E+00	0.00E+00	4.26E+00	3.33E-03	7.28E+00	0.00E+00	5.56E-08	2.81E-08	1.74E-03	1.53E-07	7.61E-01	0.00E+00	7.28E+00	4.34E-07	7.28E+00	7.86E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMC299T	5.48E-03	6.29E-01	3.09E-02	6.18E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.16E-03	5.72E-03	0.00E+00	-2.43E-04	8.68E-10	3.62E-08	3.13E-02	1.56E+00	0.00E+00	0.00E+00	4.26E+00	3.33E-03	7.28E+00	0.00E+00	5.56E-08	2.81E-08	1.74E-03	1.53E-07	7.61E-01	0.00E+00	7.28E+00	4.34E-07	7.28E+00	7.86E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMC380	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMC390	8.12E-03	9.47E-01	3.42E-02	9.12E-01	0.00E+00	0.00E+00	7.24E+00	1.35E-05	4.62E-03	8.64E-03	0.00E+00	-2.46E-04	1.16E-09	5.41E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.56E+00	3.36E-03	9.08E+00	0.00E+00	7.15E-08	3.67E-08	2.49E-03	1.64E-07	9.84E-01	0.00E+00	9.08E+00	1.53E-06	9.08E+00	1.01E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMC399	8.08E-03	9.46E-01	3.41E-02	9.12E-01	0.00E+00	0.00E+00	7.23E+00	1.35E-05	4.60E-03	8.63E-03	0.00E+00	-2.46E-04	1.16E-09	5.38E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.55E+00	3.36E-03	9.06E+00	0.00E+00	7.14E-08	3.66E-08	2.49E-03	1.63E-07	9.82E-01	0.00E+00	9.06E+00	1.53E-06	9.06E+00	1.00E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMC480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
HMC490	1.08E-02	1.27E+00	4.57E-02	1.22E+00	0.00E+00	0.00E+00	9.68E+00	1.81E-05	6.17E-03	1.16E-02	0.00E+00	-3.28E-04	1.55E-09	7.22E-08	5.64E-02	2.71E+00	0.00E+00	0.00E+00	7.43E+00	4.49E-03	1.21E+01	0.00E+00	9.56E-08	4.91E-08	3.33E-03	2.18E-07	1.32E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
HMC499	1.08E-02	1.27E+00	4.56E-02	1.22E+00	0.00E+00	0.00E+00	9.66E+00	1.81E-05	6.13E-03	1.15E-02	0.00E+00	-3.28E-04	1.55E-09	7.18E-08	5.63E-02	2.70E+00	0.00E+00	0.00E+00	7.42E+00	4.49E-03	1.21E+01	0.00E+00	9.54E-08	4.90E-08	3.33E-03	2.18E-07	1.31E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
HMD180	2.62E-03	3.46E-01	1.09E-02	3.37E-01	2.87E-12	0.00E+00	2.36E+00	4.36E-06	1.35E-03	3.23E-03	0.00E+00	2.79E-04	3.57E-10	1.60E-08	1.44E-02	6.13E-01	0.00E+00	0.00E+00	1.72E+00	8.11E-04	3.12E+00	0.00E+00	2.47E-08	1.24E-08	8.73E-04	8.45E-08	3.13E-01	0.00E+00	3.12E+00	4.35E-07	3.12E+00	3.45E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
HMD180T	2.61E-03	3.47E-01	1.17E-02	3.37E-01	2.87E-12	0.00E+00	2.36E+00	4.38E-06	1.34E-03	3.23E-03	0.00E+00	2.79E-04	3.81E-10	1.59E-08	1.44E-02	6.22E-01	0.00E+00	0.00E+00	1.72E+00	8.16E-04	3.12E+00	0.00E+00	2.48E-08	1.24E-08	8.73E-04	8.42E-08	3.13E-01	0.00E+00	3.12E+00	4.35E-07	3.12E+00	3.45E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
HMD190	2.70E-03	3.48E-01	1.11E-02	3.30E-01	2.87E-12	0.00E+00	2.37E+00	4.36E-06	1.34E-03	3.26E-03	0.00E+00	2.33E-04	3.61E-10	1.63E-08	1.45E-02	6.09E-01	0.00E+00	0.00E+00	1.76E+00	1.56E-03	3.19E+00	0.00E+00	2.53E-08	1.24E-08	8.77E-04	1.09E-07	3.22E-01	0.00E+00	3.19E+00	4.65E-07	3.19E+00	3.51E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
HMD190T	2.69E-03	3.48E-01	1.19E-02	3.31E-01	2.87E-12	0.00E+00	2.37E+00	4.37E-06	1.33E-03	3.26E-03	0.00E+00	2.33E-04	3.85E-10	1.63E-08	1.45E-02	6.18E-01	0.00E+00	0.00E+00	1.76E+00	1.56E-03	3.19E+00	0.00E+00	2.54E-08	1.24E-08	8.77E-04	1.09E-07	3.22E-01	0.00E+00	3.19E+00	4.65E-07	3.19E+00	3.51E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
HMD199	3.50E-03	3.54E-01	1.34E-02	3.36E-01	2.87E-12	0.00E+00	2.39E+00	4.39E-06	2.03E-03	3.28E-03	0.00E+00	-4.20E-05	3.95E-10	2.32E-08	1.47E-02	7.47E-01	0.00E+00	0.00E+00	1.91E+00	2.31E-03	3.20E+00	0.00E+00	2.56E-08	1.27E-08	8.80E-04	1.23E-07	3.33E-01	0.00E+00	3.20E+00	4.60E-07	3.20E+00	3.52E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	7.12E+01
HMD199T	3.50E-03	3.51E-01	1.29E-02	3.32E-01	2.87E-12	0.00E+00	2.38E+00	4.37E-06	2.04E-03	3.28E-03	0.00E+00	2.18E-04	3.90E-10	2.33E-08	1.45E-02	7.39E-01	0.00E+00	0.00E+00	1.85E+00	1.93E-03	3.18E+00	0.00E+00	2.54E-08	1.27E-08	8.79E-04	1.23E-07	3.30E-01	0.00E+00	3.18E+00	4.43E-07	3.18E+00	3.51E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
HMD280	5.39E-03	6.49E-01	3.08E-02	6.19E-01	2.87E-12	0.00E+00	5.75E+00	1.05E-05	3.12E-03	5.88E-03	0.00E+00	-2.21E-04	8.38E-10	3.58E-08	3.25E-02	1.57E+00	0.00E+00	0.00E+00	4.46E+00	3.45E-03	7.42E+00	0.00E+00	5.62E-08	2.82E-08	1.72E-03	1.31E-07	7.65E-01	0.00E+00	7.42E+00	4.11E-07	7.42E+00	8.17E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMD280T	5.39E-03	6.49E-01	3.08E-02	6.19E-01	2.87E-12	0.00E+00	5.75E+00	1.05E-05	3.12E-03	5.88E-03	0.00E+00	-2.21E-04	8.38E-10	3.58E-08	3.25E-02	1.57E+00	0.00E+00	0.00E+00	4.46E+00	3.45E-03	7.42E+00	0.00E+00	5.62E-08	2.82E-08	1.72E-03	1.31E-07	7.65E-01	0.00E+00	7.42E+00	4.02E-07	7.42E+00	8.17E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMD290	5.36E-03	6.35E-01	3.10E-02	6.16E-01	2.87E-12	0.00E+00	5.75E+00	1.06E-05	3.08E-03	5.70E-03	0.00E+00	-2.32E-04	8.73E-10	3.54E-08	3.25E-02	1.60E+00	0.00E+00	0.00E+00	4.51E+00	3.39E-03	7.47E+00	0.00E+00	5.70E-08	2.90E-08	1.74E-03	1.50E-07	7.81E-01	0.00E+00	7.47E+00	4.47E-07	7.47E+00	8.27E+00	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
HMD290T	5.45E-03	6.56E-01	2.54E-02	6.39E-01	2.87E-12	0.00E+00	5.73E+00	1.06E-05	3.17E-03	5.76E-03	0.00E+00	-2.32E-04	8.79E-10	3.60E-08	3.25E-02	1.60E+00	0.00E+00	0.00E+00	4.51E+00	3.39E-03	7.47E+00	0.00E+00	5.71E-08	2.90E-08	1.75E-03	1.51E-07	7.81E-01	0.00E+00	7.47E+00	1.20E-06	7.47E+00	8.27E+00	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
HMD299	6.56E-03	8.98E-01	3.11E-02	8.72E-01	2.87E-12	0.00E+00	5.73E+00	1.06E-05	3.75E-03	8.29E-03	0.00E+00	-2.39E-04	8.79E-10	4.03E-08	3.25E-02	1.66E+00	0.00E+00	0.00E+00	4.50E+00	3.33E-03	7.47E+00	0.00E+00	5.71E-08	2.97E-08	2.33E-03	1.55E-07	7.82E-01	0.00E+00	7.47E+00	4.41E-07	7.47E+00	8.26E+00	7.82E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
HMD299T	5.48E-03	6.35E-01	3.10E-02	6.17E-01	2.87E-12	0.00E+00	5.75E+00	1.06E-05	3.16E-03	5.70E-03	0.00E+00	-2.39E-04	8.73E-10	3.61E-08	3.25E-02	1.62E+00	0.00E+00	0.00E+00	4.50E+00	3.33E-03	7.47E+00	0.00E+00	5.71E-08	2.92E-08	1.74E-03	1.53E-07	7.82E-01	0.00E+00	7.47E+00	4.41E-07	7.47E+00	8.26E+00	7.82E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
HMD380T	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMD390T	8.15E-03	9.28E-01	3.43E-02	8.93E-01	0.00E+00	0.00E+00	7.28E+00	1.38E-05	4.62E-03	8.55E-03	0.00E+00	-2.46E-04	1.17E-09	5.42E-08	4.30E-02	2.05E+00	0.00E+00	0.00E+00	5.64E+00	3.36E-03	9.29E+00	0.00E+00	7.29E-08	3.74E-08	2.49E-03	1.64E-07	9.96E-01	0.00E+00	9.29E+00	1.68E-06	9.29E+00	1.03E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+02
HMD399T	8.12E-03	9.27E-01	3.43E-02	8.92E-01	0.00E+00	0.00E+00	7.26E+00	1.38E-05	4.59E-03	8.54E-03	0.00E+00	-2.46E-04	1.17E-09	5.39E-08	4.29E-02	2.05E+00	0.00E+00	0.00E+00	5.63E+00	3.36E-03	9.27E+00	0.00E+00	7.28E-08	3.73E-08	2.48E-03	1.63E-07	9.94E-01	0.00E+00	9.27E+00	1.68E-06	9.27E+00	1.03E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+02
HMF180	2.62E-03	3.46E-01	1.09E-02	3.37E-01	2.87E-12	0.00E+00	2.36E+00	4.36E-06	1.35E-03	3.23E-03	0.00E+00	2.79E-04	3.57E-10	1.60E-08	1.44E-02	6.13E-01	0.00E+00	0.00E+00	1.72E+00	8.11E-04	3.12E+00	0.00E+00	2.47E-08	1.24E-08	8.73E-04	8.45E-08	3.13E-01	0.00E+00	3.12E+00	4.35E-07	3.12E+00	3.45E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
HMF180T	2.74E-03	3.12E-01	1.17E-02	3.01E-01	0.00E+00	0.00E+00	2.46E+00	4.67E-06	1.55E-03	2.88E-03	0.00E+00	-9.40E-05	3.95E-10	1.82E-08	1.46E-02	6.95E-01	0.00E+00	0.00E+00	1.91E+00	1.28E-03	3.14E+00	0.00E+00	2.46E-08	1.26E-08	8.38E-04	5.87E-08	3.37E-01	0.00E+00	3.14E+00	5.67E-07	3.14E+00	3.48E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
HMF190	2.69E-03	3.55E-01	1.19E-02	3.35E-01	2.87E-12	0.00E+00	2.37E+00	4.35E-06	1.34E-03	3.28E-03	0.00E+00	1.13E-04	3.86E-10	1.63E-08	1.45E-02	6.18E-01	0.00E+00	0.00E+00	1.76E+00	1.59E-03	3.19E+00	0.00E+00	2.54E-08	1.24E-08	8.80E-04	1.10E-07	3.23E-01	0.00E+00	3.19E+00	4.65E-07	3.19E+00	3.52E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
HMF190T	2.72E-03	3.22E-01	1.38E-02	3.09E-01	0.00E+00	0.00E+00	2.45E+00	4.58E-06	1.54E-03	2.92E-03	0.00E+00	-3.63E-04	3.91E-10	1.81E-08	1.44E-02	6.87E-01	0.00E+00	0.00E+00	1.88E+00	4.83E-03	3.07E+00	0.00E+00	2.41E-08	1.24E-08	8.41E-04	1.45E-07	3.32E-01	0.00E+00	3.07E+00	4.87E-07	3.07E+00	3.40E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
HMF199	3.50E-03	3.51E-01	1.18E-02	3.33E-01	2.87E-12	0.00E+00	2.37E+00	4.35E-06	2.04E-03	3.28E-03	0.00E+00	9.41E-05	3.64E-10	2.32E-08	1.44E-02	7.38E-01	0.00E+00	0.00E+00	1.84E+00	1.96E-03	3.18E+00	0.00E+00	2.54E-08	1.27E-08	8.78E-04	1.22E-07	3.29E-01	0.00E+00	3.18E+00	4.43E-07	3.18E+00	3.51E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
HMF199T	3.50E-03	3.52E-01	1.28E-02	3.34E-01	2.87E-12	0.00E+00	2.37E+00	4.37E-06	2.04E-03	3.28E-03	0.00E+00	9.42E-05	3.89E-10	2.32E-08	1.45E-02	7.39E-01	0.00E+00	0.00E+00	1.85E+00	1.96E-03	3.18E+00	0.00E+00	2.55E-08	1.27E-08	8.79E-04	1.22E-07	3.30E-01	0.00E+00	3.18E+00	4.42E-07	3.18E+00	3.51E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
HMF280	5.39E-03	6.49E-01	3.08E-02	6.19E-01	2.87E-12	0.00E+00	5.76E+00	1.05E-05	3.12E-03	5.88E-03	0.00E+00	-2.20E-04	8.38E-10	3.58E-08	3.25E-02	1.57E+00	0.00E+00	0.00E+00	4.46E+00	3.45E-03	7.43E+00	0.00E+00	5.62E-08	2.82E-08	1.72E-03	1.32E-07	7.65E-01	0.00E+00	7.43E+00	4.12E-07	7.43E+00	8.18E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMF280T	5.47E-03	6.22E-01	2.32E-02	5.98E-01	0.00E+00	0.00E+00	4.87E+00	9.25E-06	3.10E-03	5.73E-03	0.00E+00	-1.88E-04	7.86E-10	3.63E-08	2.86E-02	1.37E+00	0.00E+00	0.00E+00	3.78E+00	2.56E-03	6.21E+00	0.00E+00	4.88E-08	2.50E-08	1.67E-03	1.17E-07	6.67E-01	0.00E+00	6.21E+00	1.12E-06	6.21E+00	6.88E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
HMF290	5.45E-03	6.29E-01	3.09E-02	6.18E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.15E-03	5.71E-03	0.00E+00	-2.35E-04	8.68E-10	3.60E-08	3.13E-02	1.55E+00	0.00E+00	0.00E+00	4.26E+00	3.39E-03	7.28E+00	0.00E+00	5.55E-08	2.79E-08	1.74E-03	1.49E-07	7.60E-01	0.00E+00	7.28E+00	4.41E-07	7.28E+00	7.86E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMF290T	5.45E-03	6.36E-01	2.52E-02	6.24E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.17E-03	5.77E-03	0.00E+00	-2.35E-04	8.68E-10	3.61E-08	3.13E-02	1.55E+00	0.00E+00	0.00E+00	4.26E+00	3.39E-03	7.28E+00	0.00E+00	5.55E-08	2.79E-08	1.74E-03	1.51E-07	7.60E-01	0.00E+00	7.28E+00	1.17E-06	7.28E+00	7.86E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMF299	6.56E-03	8.75E-01	2.55E-02	8.67E-01	2.87E-12	0.00E+00	5.57E+00	1.03E-05	3.75E-03	8.25E-03	0.00E+00	-2.43E-04	8.74E-10	4.03E-08	3.13E-02	1.61E+00	0.00E+00	0.00E+00	4.26E+00	3.33E-03	7.28E+00	0.00E+00	5.56E-08	2.86E-08	2.30E-03	1.56E-07	7.61E-01	0.00E+00	7.28E+00	1.16E-06	7.28E+00	7.86E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMF299T	5.48E-03	6.29E-01	3.09E-02	6.18E-01	2.87E-12	0.00E+00	5.59E+00	1.03E-05	3.16E-03	5.72E-03	0.00E+00	-2.43E-04	8.68E-10	3.62E-08	3.13E-02	1.56E+00	0.00E+00	0.00E+00	4.26E+00	3.33E-03	7.28E+00	0.00E+00	5.56E-08	2.81E-08	1.74E-03	1.53E-07	7.61E-01	0.00E+00	7.28E+00	4.35E-07	7.28E+00	7.86E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
HMF380	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMF380T	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMF390	8.12E-03	9.47E-01	3.42E-02	9.12E-01	0.00E+00	0.00E+00	7.24E+00	1.35E-05	4.62E-03	8.64E-03	0.00E+00	-2.46E-04	1.16E-09	5.41E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.56E+00	3.36E-03	9.08E+00	0.00E+00	7.15E-08	3.67E-08	2.49E-03	1.64E-07	9.84E-01	0.00E+00	9.08E+00	1.53E-06	9.08E+00	1.01E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMF399T	8.08E-03	9.49E-01	3.64E-02	9.13E-01	0.00E+00	0.00E+00	7.23E+00	1.35E-05	4.60E-03	8.64E-03	0.00E+00	-5.27E-04	1.16E-09	5.38E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.55E+00	7.07E-03	9.06E+00	0.00E+00	7.14E-08	3.66E-08	2.49E-03	2.53E-07	9.82E-01	0.00E+00	9.06E+00	1.50E-06	9.06E+00	1.00E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMF480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
HMF490	1.08E-02	1.27E+00	4.57E-02	1.22E+00	0.00E+00	0.00E+00	9.68E+00	1.81E-05	6.17E-03	1.16E-02	0.00E+00	-3.28E-04	1.55E-09	7.22E-08	5.64E-02	2.71E+00	0.00E+00	0.00E+00	7.43E+00	4.49E-03	1.21E+01	0.00E+00	9.56E-08	4.91E-08	3.33E-03	2.18E-07	1.32E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
HMF499	1.08E-02	1.27E+00	4.56E-02	1.22E+00	0.00E+00	0.00E+00	9.66E+00	1.81E-05	6.13E-03	1.15E-02	0.00E+00	-3.28E-04	1.55E-09	7.18E-08	5.63E-02	2.70E+00	0.00E+00	0.00E+00	7.42E+00	4.49E-03	1.21E+01	0.00E+00	9.54E-08	4.90E-08	3.33E-03	2.18E-07	1.31E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
HMX110	2.05E-03	2.83E-01	9.28E-03	2.73E-01	0.00E+00	0.00E+00	1.76E+00	3.29E-06	1.12E-03	2.53E-03	0.00E+00	-1.50E-04	2.97E-10	1.28E-08	1.12E-02	5.22E-01	0.00E+00	0.00E+00	1.38E+00	2.02E-03	2.41E+00	0.00E+00	1.93E-08	9.88E-09	7.07E-04	7.14E-08	2.47E-01	0.00E+00	2.41E+00	4.37E-07	2.41E+00	2.66E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
HMX116	1.49E-03	2.87E-01	8.55E-03	2.77E-01	2.87E-12	0.00E+00	1.68E+00	3.25E-06	9.95E-04	2.57E-03	0.00E+00	-2.54E-05	3.01E-10	1.10E-08	1.10E-02	4.53E-01	0.00E+00	0.00E+00	1.33E+00	1.89E-03	2.32E+00	0.00E+00	1.85E-08	9.49E-09	6.72E-04	7.75E-08	2.38E-01	0.00E+00	2.32E+00	4.59E-07	2.32E+00	2.55E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
HMX120	1.46E-03	2.87E-01	8.06E-03	2.78E-01	2.87E-12	0.00E+00	1.67E+00	3.25E-06	6.16E-04	2.57E-03	0.00E+00	-1.54E-04	2.76E-10	8.30E-09	1.10E-02	4.41E-01	0.00E+00	0.00E+00	1.31E+00	2.28E-03	2.33E+00	0.00E+00	1.86E-08	9.45E-09	6.72E-04	7.71E-08	2.35E-01	0.00E+00	2.33E+00	4.66E-07	2.33E+00	2.56E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
HMX125	1.52E-03	2.95E-01	9.44E-03	2.85E-01	2.87E-12	0.00E+00	1.76E+00	3.50E-06	6.35E-04	2.78E-03	0.00E+00	-1.56E-04	3.30E-10	9.25E-09	1.13E-02	5.35E-01	0.00E+00	0.00E+00	1.37E+00	2.26E-03	2.51E+00	0.00E+00	1.99E-08	9.80E-09	7.46E-04	8.11E-08	2.43E-01	0.00E+00	2.51E+00	6.69E-07	2.51E+00	2.75E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
HMX132	1.51E-03	2.89E-01	8.89E-03	2.79E-01	2.87E-12	0.00E+00	1.73E+00	3.33E-06	6.33E-04	2.60E-03	0.00E+00	-1.53E-04	3.20E-10	9.20E-09	1.12E-02	4.80E-01	0.00E+00	0.00E+00	1.37E+00	2.13E-03	2.41E+00	0.00E+00	1.92E-08	9.79E-09	7.04E-04	7.86E-08	2.44E-01	0.00E+00	2.41E+00	4.84E-07	2.41E+00	2.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
HMX150	1.54E-03	2.97E-01	1.06E-02	2.85E-01	2.87E-12	0.00E+00	1.76E+00	3.34E-06	9.96E-04	2.82E-03	0.00E+00	-1.63E-04	3.14E-10	1.08E-08	1.12E-02	5.68E-01	0.00E+00	0.00E+00	1.38E+00	2.08E-03	2.44E+00	0.00E+00	1.97E-08	9.83E-09	7.53E-04	8.92E-08	2.45E-01	0.00E+00	2.44E+00	4.64E-07	2.44E+00	2.69E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
HMX163	1.60E-03	2.97E-01	1.11E-02	2.85E-01	2.87E-12	0.00E+00	1.79E+00	3.55E-06	1.00E-03	2.82E-03	0.00E+00	-1.67E-04	3.37E-10	1.09E-08	1.16E-02	5.85E-01	0.00E+00	0.00E+00	1.41E+00	2.09E-03	2.54E+00	0.00E+00	2.01E-08	1.00E-08	7.51E-04	8.81E-08	2.48E-01	0.00E+00	2.54E+00	6.59E-07	2.54E+00	2.77E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
HMX216	3.21E-03	5.78E-01	2.80E-02	5.66E-01	2.87E-12	0.00E+00	4.98E+00	8.40E-06	1.53E-03	5.23E-03	0.00E+00	-2.53E-04	6.07E-10	1.79E-08	2.89E-02	1.14E+00	0.00E+00	0.00E+00	3.72E+00	3.34E-03	6.82E+00	0.00E+00	4.78E-08	2.65E-08	1.42E-03	1.30E-07	6.22E-01	0.00E+00	6.82E+00	4.51E-07	6.82E+00	7.42E+00	6.22E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
HMX220	2.99E-03	5.94E-01	1.72E-02	5.81E-01	2.87E-12	0.00E+00	5.01E+00	8.66E-06	1.19E-03	5.28E-03	0.00E+00	-2.60E-04	5.96E-10	1.55E-08	2.93E-02	1.15E+00	0.00E+00	0.00E+00	3.72E+00	3.42E-03	6.91E+00	0.00E+00	4.86E-08	2.65E-08	1.42E-03	1.35E-07	6.24E-01	0.00E+00	6.91E+00	9.05E-07	6.91E+00	7.50E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
HMX225	2.98E-03	5.77E-01	2.80E-02	5.64E-01	2.87E-12	0.00E+00	4.97E+00	8.36E-06	7.33E-04	5.20E-03	0.00E+00	-2.62E-04	5.92E-10	1.38E-08	2.89E-02	1.15E+00	0.00E+00	0.00E+00	3.70E+00	3.22E-03	6.78E+00	0.00E+00	4.77E-08	2.65E-08	1.42E-03	1.33E-07	6.18E-01	0.00E+00	6.78E+00	4.43E-07	6.78E+00	7.38E+00	6.18E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
HMX232	3.00E-03	5.79E-01	2.80E-02	5.66E-01	2.87E-12	0.00E+00	4.97E+00	8.36E-06	1.34E-03	5.23E-03	0.00E+00	-2.55E-04	5.95E-10	1.62E-08	2.89E-02	1.16E+00	0.00E+00	0.00E+00	3.70E+00	3.37E-03	6.77E+00	0.00E+00	4.77E-08	2.65E-08	1.42E-03	1.31E-07	6.20E-01	0.00E+00	6.77E+00	4.52E-07	6.77E+00	7.38E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
HMX240	3.18E-03	5.78E-01	2.80E-02	5.64E-01	2.87E-12	0.00E+00	4.97E+00	8.35E-06	1.53E-03	5.21E-03	0.00E+00	-2.49E-04	6.02E-10	1.79E-08	2.86E-02	1.16E+00	0.00E+00	0.00E+00	3.71E+00	2.97E-03	6.73E+00	0.00E+00	4.74E-08	2.65E-08	1.42E-03	1.28E-07	6.20E-01	0.00E+00	6.73E+00	4.41E-07	6.73E+00	7.34E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
HMX250	3.12E-03	5.95E-01	2.80E-02	5.82E-01	2.87E-12	0.00E+00	5.02E+00	8.71E-06	1.42E-03	5.27E-03	0.00E+00	-2.58E-04	6.01E-10	1.72E-08	2.92E-02	1.16E+00	0.00E+00	0.00E+00	3.73E+00	3.37E-03	6.90E+00	0.00E+00	4.86E-08	2.65E-08	1.36E-03	1.35E-07	6.28E-01	0.00E+00	6.90E+00	4.39E-07	6.90E+00	7.50E+00	6.28E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
HMX263	3.39E-03	5.84E-01	2.89E-02	5.69E-01	2.87E-12	0.00E+00	5.02E+00	8.37E-06	1.87E-03	5.25E-03	0.00E+00	-2.57E-04	6.16E-10	2.12E-08	2.88E-02	1.25E+00	0.00E+00	0.00E+00	3.92E+00	3.40E-03	6.80E+00	0.00E+00	4.80E-08	2.72E-08	1.45E-03	1.35E-07	6.65E-01	0.00E+00	6.80E+00	4.37E-07	6.80E+00	7.42E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
HMX310	4.97E-03	8.63E-01	3.35E-02	8.13E-01	2.87E-12	0.00E+00	5.83E+00	1.04E-05	1.95E-03	7.82E-03	0.00E+00	-3.18E-04	1.08E-09	2.49E-08	3.82E-02	1.74E+00	0.00E+00	0.00E+00	4.50E+00	3.75E-03	7.48E+00	0.00E+00	5.69E-08	3.14E-08	2.22E-03	1.60E-07	7.86E-01	0.00E+00	7.48E+00	1.26E-06	7.48E+00	8.29E+00	7.86E-01	0.00E+00	0.00E+00	0.00E+00	1.65E+02
HMX316	5.67E-03	8.67E-01	4.65E-02	8.04E-01	2.87E-12	0.00E+00	6.00E+00	1.06E-05	3.27E-03	7.89E-03	0.00E+00	-3.22E-04	1.09E-09	3.68E-08	3.87E-02	1.77E+00	1.83E-06	8.31E-06	4.61E+00	3.88E-03	7.69E+00	0.00E+00	5.81E-08	3.22E-08	2.22E-03	2.61E-07	8.05E-01	0.00E+00	7.69E+00	1.32E-06	7.69E+00	8.52E+00	8.05E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+02
HMX320	4.96E-03	8.60E-01	3.35E-02	8.11E-01	2.87E-12	0.00E+00	5.83E+00	1.03E-05	1.78E-03	7.80E-03	0.00E+00	-3.08E-04	1.08E-09	2.31E-08	3.82E-02	1.72E+00	0.00E+00	0.00E+00	4.42E+00	3.72E-03	7.41E+00	0.00E+00	5.61E-08	3.09E-08	2.23E-03	1.59E-07	7.70E-01	0.00E+00	7.41E+00	1.27E-06	7.41E+00	8.18E+00	7.70E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMX325	5.13E-03	8.60E-01	3.36E-02	8.11E-01	2.87E-12	0.00E+00	5.83E+00	1.03E-05	2.72E-03	7.80E-03	0.00E+00	-3.15E-04	1.08E-09	3.07E-08	3.82E-02	1.72E+00	0.00E+00	0.00E+00	4.42E+00	3.83E-03	7.41E+00	0.00E+00	5.61E-08	3.09E-08	2.23E-03	1.66E-07	7.70E-01	0.00E+00	7.41E+00	1.27E-06	7.41E+00	8.18E+00	7.70E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMX332	5.26E-03	8.63E-01	3.37E-02	8.13E-01	2.87E-12	0.00E+00	5.82E+00	1.03E-05	2.91E-03	7.81E-03	0.00E+00	-3.15E-04	1.07E-09	3.32E-08	3.80E-02	1.72E+00	0.00E+00	0.00E+00	4.41E+00	3.83E-03	7.38E+00	0.00E+00	5.60E-08	3.08E-08	2.23E-03	1.68E-07	7.70E-01	0.00E+00	7.38E+00	1.27E-06	7.38E+00	8.14E+00	7.70E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
HMX340	5.68E-03	8.63E-01	3.35E-02	8.13E-01	2.87E-12	0.00E+00	5.82E+00	1.03E-05	3.25E-03	7.81E-03	0.00E+00	-3.08E-04	1.07E-09	3.69E-08	3.80E-02	1.73E+00	0.00E+00	0.00E+00	4.41E+00	3.73E-03	7.38E+00	0.00E+00	5.60E-08	3.08E-08	2.23E-03	1.62E-07	7.70E-01	0.00E+00	7.38E+00	1.28E-06	7.38E+00	8.15E+00	7.70E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMX350	5.66E-03	8.62E-01	3.40E-02	8.12E-01	2.87E-12	0.00E+00	5.82E+00	1.03E-05	3.21E-03	7.78E-03	0.00E+00	-3.09E-04	1.07E-09	3.65E-08	3.79E-02	1.73E+00	0.00E+00	0.00E+00	4.40E+00	3.72E-03	7.40E+00	0.00E+00	5.61E-08	3.08E-08	2.21E-03	1.63E-07	7.69E-01	0.00E+00	7.40E+00	1.28E-06	7.40E+00	8.15E+00	7.69E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
HMX363	7.61E-03	8.62E-01	3.57E-02	8.12E-01	2.87E-12	0.00E+00	5.82E+00	1.03E-05	4.45E-03	7.80E-03	0.00E+00	-3.03E-04	1.08E-09	5.07E-08	3.79E-02	1.73E+00	0.00E+00	0.00E+00	4.41E+00	3.70E-03	7.39E+00	0.00E+00	5.62E-08	3.08E-08	2.22E-03	1.65E-07	7.69E-01	0.00E+00	7.39E+00	4.43E-07	7.39E+00	8.15E+00	7.69E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
MA100Z	9.67E-04	1.98E-01	6.00E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.89E-06	4.55E-04	1.71E-03	0.00E+00	-1.70E-04	1.96E-10	5.29E-09	6.54E-03	2.85E-01	0.00E+00	0.00E+00	7.88E-01	1.96E-03	1.44E+00	0.00E+00	1.16E-08	5.77E-09	4.49E-04	6.51E-08	1.38E-01	0.00E+00	1.44E+00	2.50E-07	1.44E+00	1.57E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MA101Z	9.78E-04	1.98E-01	6.21E-03	1.92E-01	2.87E-12	0.00E+00	1.01E+00	1.89E-06	4.69E-04	1.71E-03	0.00E+00	-1.93E-04	1.96E-10	5.37E-09	6.59E-03	2.87E-01	0.00E+00	0.00E+00	7.90E-01	2.90E-03	1.45E+00	0.00E+00	1.17E-08	5.82E-09	4.48E-04	6.68E-08	1.39E-01	0.00E+00	1.45E+00	2.57E-07	1.45E+00	1.58E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MA102Z	9.73E-04	1.98E-01	5.93E-03	1.92E-01	2.87E-12	0.00E+00	1.01E+00	1.88E-06	4.62E-04	1.70E-03	0.00E+00	-1.63E-04	1.96E-10	5.29E-09	6.50E-03	2.86E-01	0.00E+00	0.00E+00	7.91E-01	2.10E-03	1.43E+00	0.00E+00	1.16E-08	5.79E-09	4.46E-04	5.86E-08	1.40E-01	0.00E+00	1.43E+00	2.47E-07	1.43E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MA103Z	9.49E-04	1.98E-01	6.03E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.87E-06	4.46E-04	1.70E-03	0.00E+00	-1.65E-04	1.95E-10	5.17E-09	6.48E-03	2.85E-01	0.00E+00	0.00E+00	7.90E-01	2.24E-03	1.42E+00	0.00E+00	1.15E-08	5.76E-09	4.44E-04	5.94E-08	1.40E-01	0.00E+00	1.42E+00	2.43E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MA104Z	9.41E-04	1.85E-01	5.51E-03	1.81E-01	2.87E-12	0.00E+00	9.55E-01	1.81E-06	4.33E-04	1.59E-03	0.00E+00	-1.62E-04	1.82E-10	5.00E-09	6.15E-03	2.75E-01	0.00E+00	0.00E+00	7.76E-01	1.91E-03	1.36E+00	0.00E+00	1.12E-08	5.70E-09	4.31E-04	6.21E-08	1.35E-01	0.00E+00	1.36E+00	2.47E-07	1.36E+00	1.50E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MA106Z	7.49E-04	1.59E-01	4.43E-03	1.55E-01	2.87E-12	0.00E+00	8.87E-01	1.67E-06	3.28E-04	1.39E-03	0.00E+00	-8.21E-05	1.56E-10	4.07E-09	5.68E-03	2.30E-01	0.00E+00	0.00E+00	6.75E-01	1.03E-03	1.22E+00	0.00E+00	9.82E-09	4.82E-09	3.60E-04	4.24E-08	1.19E-01	0.00E+00	1.22E+00	2.41E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MA110Z	7.46E-04	1.59E-01	4.47E-03	1.55E-01	2.87E-12	0.00E+00	9.33E-01	1.77E-06	3.31E-04	1.39E-03	0.00E+00	-3.24E-05	1.63E-10	4.12E-09	5.87E-03	2.31E-01	0.00E+00	0.00E+00	7.08E-01	9.72E-04	1.26E+00	0.00E+00	1.00E-08	4.83E-09	3.63E-04	3.93E-08	1.23E-01	0.00E+00	1.26E+00	2.55E-07	1.26E+00	1.38E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MA116Z	8.55E-04	1.64E-01	4.66E-03	1.59E-01	2.87E-12	0.00E+00	9.40E-01	1.78E-06	3.94E-04	1.43E-03	0.00E+00	-2.04E-05	1.67E-10	4.83E-09	5.92E-03	2.47E-01	0.00E+00	0.00E+00	7.17E-01	9.72E-04	1.27E+00	0.00E+00	1.03E-08	5.09E-09	3.78E-04	3.92E-08	1.26E-01	0.00E+00	1.27E+00	2.55E-07	1.27E+00	1.40E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MA120Z	8.80E-04	1.65E-01	4.91E-03	1.60E-01	2.87E-12	0.00E+00	9.59E-01	1.82E-06	4.18E-04	1.45E-03	0.00E+00	-3.71E-05	1.75E-10	5.12E-09	6.03E-03	2.51E-01	0.00E+00	0.00E+00	7.42E-01	1.06E-03	1.30E+00	0.00E+00	1.05E-08	5.16E-09	3.86E-04	3.97E-08	1.30E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
MA125Z	9.39E-04	1.67E-01	5.04E-03	1.61E-01	2.87E-12	0.00E+00	9.93E-01	1.89E-06	4.66E-04	1.47E-03	0.00E+00	-6.03E-05	1.82E-10	5.58E-09	6.14E-03	2.70E-01	0.00E+00	0.00E+00	7.84E-01	1.05E-03	1.33E+00	0.00E+00	1.07E-08	5.37E-09	3.96E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MA132Z	1.61E-03	1.97E-01	6.06E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.97E-06	9.45E-04	1.75E-03	0.00E+00	-7.63E-05	2.09E-10	1.04E-08	6.73E-03	3.58E-01	0.00E+00	0.00E+00	9.24E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.98E-04	3.96E-08	1.64E-01	0.00E+00	1.51E+00	2.29E-07	1.51E+00	1.67E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MA140Z	1.62E-03	2.00E-01	6.10E-03	1.95E-01	2.87E-12	0.00E+00	1.09E+00	1.99E-06	9.30E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	1.04E-08	6.74E-03	3.59E-01	0.00E+00	0.00E+00	9.23E-01	1.05E-03	1.51E+00	0.00E+00	1.23E-08	6.60E-09	4.99E-04	3.97E-08	1.64E-01	0.00E+00	1.51E+00	2.25E-07	1.51E+00	1.67E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MA150Z	1.64E-03	2.05E-01	6.76E-03	1.98E-01	2.87E-12	0.00E+00	1.17E+00	2.13E-06	9.31E-04	1.84E-03	0.00E+00	-1.01E-04	2.27E-10	1.06E-08	7.38E-03	3.94E-01	0.00E+00	0.00E+00	9.97E-01	1.41E-03	1.64E+00	0.00E+00	1.34E-08	7.24E-09	5.31E-04	4.70E-08	1.80E-01	0.00E+00	1.64E+00	2.31E-07	1.64E+00	1.81E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
MA163Z	1.86E-03	2.06E-01	6.82E-03	1.99E-01	2.87E-12	0.00E+00	1.17E+00	2.14E-06	1.37E-03	1.84E-03	0.00E+00	-1.04E-04	2.31E-10	1.28E-08	7.40E-03	3.95E-01	0.00E+00	0.00E+00	1.00E+00	1.46E-03	1.64E+00	0.00E+00	1.34E-08	7.26E-09	5.32E-04	4.75E-08	1.81E-01	0.00E+00	1.64E+00	2.30E-07	1.64E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.68E+01
MA200Z	2.35E-03	3.92E-01	1.09E-02	3.69E-01	2.87E-12	0.00E+00	2.05E+00	3.81E-06	5.72E-04	3.34E-03	0.00E+00	-2.83E-04	3.59E-10	1.01E-08	1.33E-02	5.31E-01	0.00E+00	0.00E+00	1.62E+00	2.36E-03	2.92E+00	0.00E+00	2.38E-08	1.23E-08	8.83E-04	1.30E-07	2.89E-01	0.00E+00	2.92E+00	4.77E-07	2.92E+00	3.27E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MA201Z	2.30E-03	3.99E-01	1.20E-02	3.78E-01	2.87E-12	0.00E+00	2.06E+00	3.81E-06	5.74E-04	3.38E-03	0.00E+00	-3.01E-04	3.92E-10	1.00E-08	1.33E-02	5.39E-01	0.00E+00	0.00E+00	1.64E+00	2.66E-03	2.93E+00	0.00E+00	2.40E-08	1.22E-08	8.86E-04	1.32E-07	2.92E-01	0.00E+00	2.93E+00	4.77E-07	2.93E+00	3.28E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
MA202Z	2.30E-03	3.98E-01	1.19E-02	3.77E-01	2.87E-12	0.00E+00	2.06E+00	3.81E-06	6.04E-04	3.38E-03	0.00E+00	-2.97E-04	3.92E-10	1.03E-08	1.33E-02	5.35E-01	0.00E+00	0.00E+00	1.63E+00	2.65E-03	2.93E+00	0.00E+00	2.39E-08	1.23E-08	8.86E-04	1.27E-07	2.91E-01	0.00E+00	2.93E+00	4.76E-07	2.93E+00	3.28E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
MA203Z	2.30E-03	3.98E-01	1.19E-02	3.77E-01	2.87E-12	0.00E+00	2.07E+00	3.82E-06	9.56E-04	3.38E-03	0.00E+00	-2.97E-04	3.92E-10	1.14E-08	1.34E-02	5.36E-01	0.00E+00	0.00E+00	1.64E+00	2.65E-03	2.93E+00	0.00E+00	2.39E-08	1.23E-08	8.87E-04	1.30E-07	2.93E-01	0.00E+00	2.93E+00	4.84E-07	2.93E+00	3.29E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.74E+01
MA204Z	2.30E-03	3.97E-01	1.10E-02	3.77E-01	2.87E-12	0.00E+00	2.06E+00	3.81E-06	9.69E-04	3.38E-03	0.00E+00	-2.94E-04	3.61E-10	1.15E-08	1.33E-02	5.40E-01	0.00E+00	0.00E+00	1.65E+00	2.50E-03	2.93E+00	0.00E+00	2.39E-08	1.23E-08	8.84E-04	1.26E-07	2.92E-01	0.00E+00	2.93E+00	4.86E-07	2.93E+00	3.28E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01

MA206Z	1.34E-03	3.17E-01	8.19E-03	3.07E-01	2.87E-12	0.00E+00	1.76E+00	3.30E-06	5.42E-04	2.76E-03	0.00E+00	-1.38E-04	3.00E-10	7.13E-09	1.15E-02	4.74E-01	0.00E+00	0.00E+00	1.34E+00	1.94E-03	2.44E+00	0.00E+00	2.00E-08	9.56E-09	7.33E-04	6.90E-08	2.39E-01	0.00E+00	2.44E+00	4.55E-07	2.44E+00	2.70E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.75E+01
MA210Z	1.55E-03	3.21E-01	8.47E-03	3.11E-01	2.87E-12	0.00E+00	1.79E+00	3.40E-06	6.90E-04	2.80E-03	0.00E+00	-1.37E-04	3.06E-10	8.74E-09	1.17E-02	4.74E-01	0.00E+00	0.00E+00	1.38E+00	1.96E-03	2.48E+00	0.00E+00	2.01E-08	9.83E-09	7.33E-04	7.09E-08	2.43E-01	0.00E+00	2.48E+00	4.80E-07	2.48E+00	2.74E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.94E+01
MA216Z	1.62E-03	3.24E-01	8.70E-03	3.14E-01	2.87E-12	0.00E+00	1.82E+00	3.45E-06	7.40E-04	2.81E-03	0.00E+00	-1.47E-04	3.09E-10	9.20E-09	1.18E-02	4.83E-01	0.00E+00	0.00E+00	1.39E+00	1.98E-03	2.51E+00	0.00E+00	2.03E-08	9.93E-09	7.36E-04	7.76E-08	2.46E-01	0.00E+00	2.51E+00	4.75E-07	2.51E+00	2.77E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MA220Z	1.68E-03	3.23E-01	8.84E-03	3.15E-01	2.87E-12	0.00E+00	1.85E+00	3.51E-06	7.76E-04	2.82E-03	0.00E+00	-1.44E-04	3.17E-10	9.57E-09	1.19E-02	4.93E-01	0.00E+00	0.00E+00	1.47E+00	1.96E-03	2.54E+00	0.00E+00	2.03E-08	1.01E-08	7.43E-04	8.88E-08	2.60E-01	0.00E+00	2.54E+00	4.84E-07	2.54E+00	2.80E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.29E+01
MA225Z	1.92E-03	3.27E-01	9.19E-03	3.17E-01	2.87E-12	0.00E+00	1.92E+00	3.59E-06	9.99E-04	2.84E-03	0.00E+00	-1.46E-04	3.28E-10	1.16E-08	1.21E-02	5.27E-01	0.00E+00	0.00E+00	1.52E+00	2.08E-03	2.59E+00	0.00E+00	2.07E-08	1.04E-08	7.66E-04	9.26E-08	2.67E-01	0.00E+00	2.59E+00	4.58E-07	2.59E+00	2.86E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MA232Z	2.96E-03	3.94E-01	1.19E-02	3.79E-01	2.87E-12	0.00E+00	2.15E+00	3.92E-06	1.72E-03	3.49E-03	0.00E+00	-1.63E-04	4.08E-10	1.82E-08	1.34E-02	7.04E-01	0.00E+00	0.00E+00	1.83E+00	2.21E-03	3.00E+00	0.00E+00	2.43E-08	1.32E-08	9.84E-04	8.37E-08	3.23E-01	0.00E+00	3.00E+00	4.60E-07	3.00E+00	3.32E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MA240Z	3.23E-03	3.97E-01	1.28E-02	3.85E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.90E-03	3.52E-03	0.00E+00	-2.14E-04	4.20E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	2.94E-03	3.02E+00	0.00E+00	2.47E-08	1.33E-08	9.90E-04	1.02E-07	3.27E-01	0.00E+00	3.02E+00	4.78E-07	3.02E+00	3.34E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MA250Z	3.46E-03	4.09E-01	1.24E-02	3.91E-01	2.87E-12	0.00E+00	2.28E+00	4.13E-06	1.81E-03	3.61E-03	0.00E+00	-2.17E-04	4.07E-10	2.09E-08	1.41E-02	7.75E-01	0.00E+00	0.00E+00	1.94E+00	2.88E-03	3.09E+00	0.00E+00	2.51E-08	1.34E-08	1.00E-03	1.03E-07	3.35E-01	0.00E+00	3.09E+00	4.78E-07	3.09E+00	3.39E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MA263Z	4.66E-03	4.08E-01	1.30E-02	3.90E-01	2.87E-12	0.00E+00	2.29E+00	4.15E-06	2.77E-03	3.60E-03	0.00E+00	-2.30E-04	4.13E-10	3.11E-08	1.41E-02	8.11E-01	0.00E+00	0.00E+00	1.98E+00	3.11E-03	3.10E+00	0.00E+00	2.51E-08	1.35E-08	1.01E-03	1.21E-07	3.38E-01	0.00E+00	3.10E+00	4.88E-07	3.10E+00	3.39E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MA300Z	3.25E-03	5.90E-01	2.72E-02	5.70E-01	2.87E-12	0.00E+00	2.96E+00	5.69E-06	1.15E-03	5.17E-03	0.00E+00	-2.78E-04	5.75E-10	1.47E-08	1.98E-02	8.57E-01	0.00E+00	0.00E+00	2.42E+00	3.61E-03	4.28E+00	0.00E+00	3.47E-08	1.73E-08	1.32E-03	1.30E-07	4.26E-01	0.00E+00	4.28E+00	3.82E-07	4.28E+00	4.70E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MA301Z	3.24E-03	5.91E-01	1.65E-02	5.71E-01	2.87E-12	0.00E+00	3.19E+00	5.87E-06	9.35E-04	5.13E-03	0.00E+00	-2.79E-04	5.81E-10	1.36E-08	2.10E-02	8.57E-01	0.00E+00	0.00E+00	2.43E+00	3.68E-03	4.31E+00	0.00E+00	3.47E-08	1.72E-08	1.33E-03	1.33E-07	4.26E-01	0.00E+00	4.31E+00	7.55E-07	4.31E+00	4.74E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MA302Z	3.27E-03	5.92E-01	1.65E-02	5.71E-01	2.87E-12	0.00E+00	3.17E+00	5.86E-06	1.14E-03	5.13E-03	0.00E+00	-2.75E-04	5.81E-10	1.42E-08	2.10E-02	8.57E-01	0.00E+00	0.00E+00	2.43E+00	3.61E-03	4.30E+00	0.00E+00	3.47E-08	1.72E-08	1.33E-03	1.32E-07	4.26E-01	0.00E+00	4.30E+00	7.56E-07	4.30E+00	4.74E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MA303Z	3.29E-03	5.89E-01	2.72E-02	5.68E-01	2.87E-12	0.00E+00	2.95E+00	5.70E-06	1.32E-03	5.11E-03	0.00E+00	-2.70E-04	5.80E-10	1.52E-08	2.00E-02	8.58E-01	0.00E+00	0.00E+00	2.43E+00	3.57E-03	4.29E+00	0.00E+00	3.47E-08	1.72E-08	1.32E-03	1.28E-07	4.26E-01	0.00E+00	4.29E+00	3.92E-07	4.29E+00	4.70E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MA304Z	3.28E-03	5.90E-01	2.72E-02	5.70E-01	2.87E-12	0.00E+00	2.94E+00	5.70E-06	1.33E-03	5.12E-03	0.00E+00	-2.69E-04	5.79E-10	1.53E-08	1.98E-02	8.59E-01	0.00E+00	0.00E+00	2.43E+00	3.55E-03	4.27E+00	0.00E+00	3.46E-08	1.73E-08	1.32E-03	1.28E-07	4.25E-01	0.00E+00	4.27E+00	3.84E-07	4.27E+00	4.69E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
MA306Z	2.16E-03	4.65E-01	2.44E-02	4.56E-01	2.87E-12	0.00E+00	2.63E+00	4.95E-06	8.80E-04	4.13E-03	0.00E+00	-2.40E-04	4.61E-10	1.11E-08	1.73E-02	6.44E-01	0.00E+00	0.00E+00	1.93E+00	3.01E-03	3.60E+00	0.00E+00	2.88E-08	1.39E-08	1.07E-03	1.11E-07	3.47E-01	0.00E+00	3.60E+00	3.58E-07	3.60E+00	3.94E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
MA310Z	2.24E-03	4.76E-01	2.42E-02	4.65E-01	2.87E-12	0.00E+00	2.71E+00	5.09E-06	1.07E-03	4.21E-03	0.00E+00	-2.12E-04	4.67E-10	1.22E-08	1.77E-02	6.48E-01	0.00E+00	0.00E+00	1.97E+00	2.76E-03	3.71E+00	0.00E+00	2.97E-08	1.44E-08	1.09E-03	9.95E-08	3.60E-01	0.00E+00	3.71E+00	3.69E-07	3.71E+00	4.07E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
MA316Z	2.44E-03	4.79E-01	2.51E-02	4.66E-01	2.87E-12	0.00E+00	2.74E+00	5.12E-06	1.13E-03	4.22E-03	0.00E+00	-2.14E-04	4.95E-10	1.34E-08	1.78E-02	7.39E-01	0.00E+00	0.00E+00	2.09E+00	2.80E-03	3.71E+00	0.00E+00	2.97E-08	1.46E-08	1.12E-03	1.04E-07	3.70E-01	0.00E+00	3.71E+00	3.68E-07	3.71E+00	4.09E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
MA320Z	2.58E-03	4.90E-01	2.54E-02	4.78E-01	2.87E-12	0.00E+00	2.79E+00	5.25E-06	1.24E-03	4.25E-03	0.00E+00	-2.16E-04	5.08E-10	1.46E-08	1.80E-02	7.48E-01	0.00E+00	0.00E+00	2.15E+00	2.82E-03	3.78E+00	0.00E+00	3.03E-08	1.49E-08	1.13E-03	1.09E-07	3.81E-01	0.00E+00	3.78E+00	3.80E-07	3.78E+00	4.15E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.72E+01
MA325Z	2.90E-03	5.02E-01	2.60E-02	4.88E-01	2.87E-12	0.00E+00	2.95E+00	5.57E-06	1.53E-03	4.38E-03	0.00E+00	-2.23E-04	5.38E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.94E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.16E-03	1.10E-07	4.12E-01	0.00E+00	4.01E+00	3.64E-07	4.01E+00	4.41E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
MA332Z	4.84E-03	5.93E-01	1.81E-02	5.73E-01	2.87E-12	0.00E+00	3.21E+00	5.81E-06	2.85E-03	5.25E-03	0.00E+00	-2.37E-04	6.21E-10	3.11E-08	2.03E-02	1.07E+00	0.00E+00	0.00E+00	2.74E+00	3.08E-03	4.45E+00	0.00E+00	3.65E-08	1.97E-08	1.48E-03	1.18E-07	4.86E-01	0.00E+00	4.45E+00	7.16E-07	4.45E+00	4.94E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MA340Z	4.84E-03	5.93E-01	1.91E-02	5.73E-01	2.87E-12	0.00E+00	3.22E+00	5.81E-06	2.85E-03	5.25E-03	0.00E+00	-3.58E-04	6.22E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.74E+00	4.75E-03	4.46E+00	0.00E+00	3.64E-08	1.98E-08	1.48E-03	1.59E-07	4.85E-01	0.00E+00	4.46E+00	7.05E-07	4.46E+00	4.95E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MA350Z	5.67E-03	6.05E-01	3.11E-02	5.84E-01	2.87E-12	0.00E+00	3.52E+00	6.32E-06	3.44E-03	5.43E-03	0.00E+00	-3.48E-04	6.83E-10	3.74E-08	2.18E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.59E-03	4.68E+00	0.00E+00	3.80E-08	2.19E-08	1.59E-03	1.54E-07	5.52E-01	0.00E+00	4.68E+00	3.79E-07	4.68E+00	5.21E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MA363Z	5.72E-03	6.17E-01	3.12E-02	5.96E-01	2.87E-12	0.00E+00	3.67E+00	6.73E-06	3.49E-03	5.52E-03	0.00E+00	-3.49E-04	7.10E-10	3.77E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.60E-03	4.93E+00	0.00E+00	3.98E-08	2.21E-08	1.60E-03	1.57E-07	5.64E-01	0.00E+00	4.93E+00	3.88E-07	4.93E+00	5.49E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MA400Z	4.91E-03	6.75E-01	3.05E-02	6.48E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	1.28E-03	6.01E-03	0.00E+00	-3.01E-04	8.15E-10	2.15E-08	2.75E-02	1.34E+00	0.00E+00	0.00E+00	3.67E+00	4.03E-03	5.99E+00	0.00E+00	4.81E-08	2.53E-08	1.55E-03	1.60E-07	6.56E-01	0.00E+00	5.99E+00	4.01E-07	5.99E+00	6.64E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MA401Z	4.91E-03	8.02E-01	2.48E-02	7.89E-01	2.87E-12	0.00E+00	4.36E+00	7.98E-06	1.29E-03	7.03E-03	0.00E+00	-3.10E-04	8.19E-10	2.13E-08	2.75E-02	1.40E+00	0.00E+00	0.00E+00	3.67E+00	4.15E-03	6.03E+00	0.00E+00	4.83E-08	2.61E-08	2.02E-03	1.74E-07	6.56E-01	0.00E+00	6.03E+00	9.27E-07	6.03E+00	6.67E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MA402Z	4.91E-03	8.10E-01	2.49E-02	7.97E-01	2.87E-12	0.00E+00	4.37E+00	7.98E-06	1.30E-03	7.11E-03	0.00E+00	-3.07E-04	8.20E-10	2.13E-08	2.76E-02	1.40E+00	0.00E+00	0.00E+00	3.68E+00	4.06E-03	6.08E+00	0.00E+00	4.87E-08	2.63E-08	2.03E-03	1.74E-07	6.58E-01	0.00E+00	6.08E+00	9.33E-07	6.08E+00	6.74E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MA403Z	5.05E-03	6.75E-01	3.05E-02	6.48E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	2.71E-03	5.99E-03	0.00E+00	-3.04E-04	8.15E-10	3.05E-08	2.75E-02	1.35E+00	0.00E+00	0.00E+00	3.68E+00	4.07E-03	5.99E+00	0.00E+00	4.81E-08	2.53E-08	1.55E-03	1.59E-07	6.56E-01	0.00E+00	5.99E+00	4.01E-07	5.99E+00	6.64E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MA404Z	5.05E-03	6.75E-01	3.05E-02	6.48E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	2.71E-03	5.99E-03	0.00E+00	-3.00E-04	8.15E-10	3.05E-08	2.75E-02	1.34E+00	0.00E+00	0.00E+00	3.67E+00	4.01E-03	5.99E+00	0.00E+00	4.81E-08	2.53E-08	1.55E-03	1.58E-07	6.56E-01	0.00E+00	5.99E+00	4.02E-07	5.99E+00	6.64E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MA406Z	3.10E-03	6.15E-01	2.78E-02	5.97E-01	2.87E-12	0.00E+00	3.44E+00	6.44E-06	1.06E-03	5.38E-03	0.00E+00	-2.88E-04	6.25E-10	1.44E-08	2.25E-02	9.27E-01	0.00E+00	0.00E+00	2.64E+00	3.93E-03	4.75E+00	0.00E+00	3.80E-08	1.80E-08	1.38E-03	1.40E-07	4.64E-01	0.00E+00	4.75E+00	3.95E-07	4.75E+00	5.21E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
MA416Z	3.59E-03	6.21E-01	2.86E-02	6.03E-01	2.87E-12	0.00E+00	3.54E+00	6.68E-06	1.74E-03	5.45E-03	0.00E+00	-2.90E-04	6.67E-10	2.04E-08	2.28E-02	9.96E-01	0.00E+00	0.00E+00	2.79E+00	3.99E-03	4.86E+00	0.00E+00	3.89E-08	1.92E-08	1.46E-03	1.42E-07	4.92E-01	0.00E+00	4.86E+00	4.10E-07	4.86E+00	5.37E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MA420Z	3.68E-03	6.28E-01	2.89E-02	6.09E-01	2.87E-12	0.00E+00	3.76E+00	7.06E-06	1.82E-03	5.49E-03	0.00E+00	-2.90E-04	6.76E-10	2.11E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.82E+00	3.99E-03	5.11E+00	0.00E+00	4.07E-08	1.98E-08	1.49E-03	1.47E-07	4.96E-01	0.00E+00	5.11E+00	4.16E-07	5.11E+00	5.61E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MA425Z	4.16E-03	6.44E-01	3.02E-02	6.23E-01	2.87E-12	0.00E+00	3.96E+00	7.40E-06	2.16E-03	5.78E-03	0.00E+00	-3.01E-04	7.31E-10	2.54E-08	2.51E-02	1.18E+00	0.00E+00	0.00E+00	3.16E+00	4.04E-03	5.40E+00	0.00E+00	4.31E-08	2.17E-08	1.55E-03	1.62E-07	5.59E-01	0.00E+00	5.40E+00	3.87E-07	5.40E+00	5.96E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MA432Z	6.15E-03	7.97E-01	2.53E-02	7.73E-01	2.87E-12	0.00E+00	4.32E+00	7.87E-06	3.63E-03	7.10E-03	0.00E+00	-3.22E-04	8.18E-10	4.00E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.68E+00	4.19E-03	6.08E+00	0.00E+00	4.94E-08	2.66E-08	1.99E-03	1.82E-07	6.55E-01	0.00E+00	6.08E+00	9.68E-07	6.08E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MA440Z	6.42E-03	7.97E-01	2.57E-02	7.71E-01	2.87E-12	0.00E+00	4.32E+00	7.90E-06	3.72E-03	7.08E-03	0.00E+00	-4.50E-04	8.41E-10	4.09E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.69E+00	5.92E-03	6.07E+00	0.00E+00	4.95E-08	2.66E-08	1.99E-03	2.07E-07	6.54E-01	0.00E+00	6.07E+00	9.63E-07	6.07E+00	6.72E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MA450Z	7.48E-03	8.24E-01	3.07E-02	7.96E-01	2.87E-12	0.00E+00	4.89E+00	8.96E-06	4.50E-03	7.37E-03	0.00E+00	-4.29E-04	9.26E-10	4.95E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.21E+00	5.57E-03	6.62E+00	0.00E+00	5.33E-08	2.94E-08	2.11E-03	1.97E-07	7.41E-01	0.00E+00	6.62E+00	4.16E-07	6.62E+00	7.37E+00	7.41E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MA463Z	7.55E-03	8.28E-01	2.87E-02	8.00E-01	2.87E-12	0.00E+00	4.95E+00	9.05E-06	4.53E-03	7.41E-03	0.00E+00	-4.30E-04	9.60E-10	5.01E-08	3.00E-02	1.67E+00	0.00E+00	0.00E+00	4.29E+00	5.57E-03	6.67E+00	0.00E+00	5.37E-08	2.97E-08	2.12E-03	2.01E-07	7.51E-01	0.00E+00	6.67E+00	1.01E-06	6.67E+00	7.42E+00	7.51E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MB106A	8.03E-04	1.56E-01	5.42E-03	1.54E-01	2.87E-12	0.00E+00	8.78E-01	1.61E-06	3.46E-04	1.41E-03	0.00E+00	-6.50E-05	1.83E-10	4.32E-09	5.71E-03	2.36E-01	0.00E+00	0.00E+00	6.83E-01	7.49E-04	1.21E+00	0.00E+00	9.85E-09	4.82E-09	3.68E-04	4.05E-08	1.20E-01	0.00E+00	1.21E+00	2.52E-07	1.21E+00	1.33E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MB110A	5.95E-04	1.40E-01	3.65E-03	1.37E-01	2.87E-12	0.00E+00	7.52E-01	1.42E-06	2.44E-04	1.22E-03	0.00E+00	-7.28E-05	1.31E-10	3.01E-09	4.71E-03	1.91E-01	0.00E+00	0.00E+00	5.64E-01	8.45E-04	1.05E+00	0.00E+00	8.51E-09	4.14E-09	3.14E-04	3.48E-08	1.00E-01	0.00E+00	1.05E+00	2.15E-07	1.05E+00	1.15E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01
MB113A	8.64E-04	1.67E-01	5.53E-03	1.61E-01	2.87E-12	0.00E+00	9.23E-01	1.78E-06	4.09E-04	1.45E-03	0.00E+00	-3.57E-05	1.89E-10	4.92E-09	5.92E-03	2.46E-01	0.00E+00	0.00E+00	7.22E-01	9.87E-04	1.28E+00	0.00E+00	1.04E-08	5.10E-09	3.80E-04	3.97E-08	1.28E-01	0.00E+00	1.28E+00	2.57E-07	1.28E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MB116A	6.19E-04	1.40E-01	3.59E-03	1.36E-01	2.87E-12	0.00E+00	7.62E-01	1.44E-06	2.65E-04	1.22E-03	0.00E+00	-5.04E-05	1.43E-10	3.27E-09	4.80E-03	1.91E-01	0.00E+00	0.00E+00	5.88E-01	5.93E-04	1.07E+00	0.00E+00	8.60E-09	4.20E-09	3.14E-04	3.14E-08	1.04E-01	0.00E+00	1.07E+00	2.16E-07	1.07E+00	1.17E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MB120A	6.31E-04	1.35E-01	3.75E-03	1.34E-01	2.87E-12	0.00E+00	7.87E-01	1.50E-06	2.64E-04	1.20E-03	0.00E+00	-5.08E-05	1.44E-10	3.30E-09	5.27E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	5.90E-04	1.14E+00	0.00E+00	9.09E-09	4.46E-09	3.15E-04	3.20E-08	1.08E-01	0.00E+00	1.14E+00	2.14E-07	1.14E+00	1.25E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MB125A	9.40E-04	1.67E-01	5.04E-03	1.61E-01	2.87E-12	0.00E+00	9.93E-01	1.89E-06	4.66E-04	1.47E-03	0.00E+00	-6.03E-05	1.82E-10	5.58E-09	6.14E-03	2.70E-01	0.00E+00	0.00E+00	7.85E-01	1.05E-03	1.33E+00	0.00E+00	1.07E-08	5.37E-09	3.96E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MB132A	1.54E-03	1.99E-01	6.07E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.92E-06	9.14E-04	1.76E-03	0.00E+00	-7.64E-05	2.09E-10	9.85E-09	6.73E-03	3.51E-01	0.00E+00	0.00E+00	8.88E-01	1.03E-03	1.50E+00	0.00E+00	1.23E-08	6.59E-09	4.93E-04	3.96E-08	1.59E-01	0.00E+00	1.50E+00	2.28E-07	1.50E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MB140A	1.56E-03	2.00E-01	6.84E-03	1.91E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.02E-04	1.77E-03	0.00E+00	-7.64E-05	2.33E-10	9.72E-09	6.76E-03	3.47E-01	0.00E+00	0.00E+00	8.85E-01	1.09E-03	1.50E+00	0.00E+00	1.23E-08	6.57E-09	4.92E-04	3.98E-08	1.59E-01	0.00E+00	1.50E+00	2.31E-07	1.50E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MB150A	1.83E-03	2.09E-01	6.80E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.19E-06	1.04E-03	1.87E-03	0.00E+00	-1.08E-04	2.26E-10	1.15E-08	7.41E-03	3.98E-01	0.00E+00	0.00E+00	1.03E+00	1.48E-03	1.62E+00	0.00E+00	1.32E-08	7.16E-09	5.46E-04	4.81E-08	1.82E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.81E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
MB163A	1.84E-03	2.09E-01	6.89E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.22E-06	1.19E-03	1.88E-03	0.00E+00	-1.11E-04	2.29E-10	1.27E-08	7.51E-03	3.98E-01	0.00E+00	0.00E+00	1.04E+00	1.54E-03	1.62E+00	0.00E+00	1.33E-08	7.20E-09	5.47E-04	4.91E-08	1.84E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MB197	7.92E-04	1.64E-01	5.94E-03	1.58E-01	0.00E+00	0.00E+00	9.29E-01	1.74E-06	3.59E-04	1.42E-03	0.00E+00	-2.43E-04	1.68E-10	4.41E-09	5.96E-03	2.43E-01	0.00E+00	0.00E+00	7.07E-01	3.23E-03	1.27E+00	0.00E+00	1.02E-08	5.00E-09	3.73E-04	9.09E-08	1.25E-01	0.00E+00	1.27E+00	2.29E-07	1.27E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MB199	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.16E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.98E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MB206A	1.36E-03	3.19E-01	9.94E-03	3.10E-01	2.87E-12	0.00E+00	1.77E+00	3.51E-06	5.40E-04	2.79E-03	0.00E+00	-1.58E-04	3.26E-10	7.40E-09	1.19E-02	5.15E-01	0.00E+00	0.00E+00	1.38E+00	2.26E-03	2.57E+00	0.00E+00	2.06E-08	9.65E-09	7.40E-04	8.06E-08	2.41E-01	0.00E+00	2.57E+00	6.29E-07	2.57E+00	2.81E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
MB210A	1.41E-03	3.21E-01	9.42E-03	3.10E-01	2.87E-12	0.00E+00	1.80E+00	3.52E-06	6.45E-04	2.79E-03	0.00E+00	-1.52E-04	3.26E-10	7.71E-09	1.19E-02	5.00E-01	0.00E+00	0.00E+00	1.41E+00	2.23E-03	2.58E+00	0.00E+00	2.06E-08	9.87E-09	7.33E-04	7.65E-08	2.44E-01	0.00E+00	2.58E+00	6.39E-07	2.58E+00	2.82E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MB213A	1.50E-03	3.24E-01	9.56E-03	3.14E-01	2.87E-12	0.00E+00	1.84E+00	3.55E-06	7.00E-04	2.81E-03	0.00E+00	-1.62E-04	3.36E-10	8.16E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.43E+00	2.32E-03	2.59E+00	0.00E+00	2.06E-08	1.00E-08	7.35E-04	1.00E-07	2.50E-01	0.00E+00	2.59E+00	6.38E-07	2.59E+00	2.84E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MB216A	1.42E-03	2.51E-01	7.70E-03	2.38E-01	2.87E-12	0.00E+00	1.68E+00	3.57E-06	6.77E-04	2.31E-03	0.00E+00	-9.51E-05	3.00E-10	7.51E-09	1.15E-02	4.50E-01	0.00E+00	0.00E+00	1.35E+00	1.24E-03	2.59E+00	0.00E+00	2.05E-08	1.01E-08	6.24E-04	5.79E-08	2.34E-01	0.00E+00	2.59E+00	7.93E-07	2.59E+00	2.85E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
MB220A	1.57E-03	3.25E-01	9.57E-03	3.16E-01	2.87E-12	0.00E+00	1.87E+00	3.56E-06	7.33E-04	2.81E-03	0.00E+00	-1.58E-04	3.40E-10	8.70E-09	1.21E-02	5.10E-01	0.00E+00	0.00E+00	1.49E+00	2.32E-03	2.60E+00	0.00E+00	2.07E-08	1.02E-08	7.37E-04	9.78E-08	2.61E-01	0.00E+00	2.60E+00	6.01E-07	2.60E+00	2.85E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01
MB225A	1.92E-03	3.26E-01	9.21E-03	3.17E-01	2.87E-12	0.00E+00	1.92E+00	3.58E-06	9.99E-04	2.83E-03	0.00E+00	-1.48E-04	3.30E-10	1.16E-08	1.22E-02	5.27E-01	0.00E+00	0.00E+00	1.52E+00	2.11E-03	2.60E+00	0.00E+00	2.09E-08	1.05E-08	7.70E-04	9.69E-08	2.67E-01	0.00E+00	2.60E+00	4.58E-07	2.60E+00	2.87E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
MB232A	2.91E-03	3.98E-01	1.23E-02	3.87E-01	2.87E-12	0.00E+00	2.16E+00	3.95E-06	1.69E-03	3.53E-03	0.00E+00	-1.91E-04	4.17E-10	1.76E-08	1.37E-02	7.03E-01	0.00E+00	0.00E+00	1.88E+00	2.48E-03	3.02E+00	0.00E+00	2.47E-08	1.32E-08	9.83E-04	9.58E-08	3.24E-01	0.00E+00	3.02E+00	5.69E-07	3.02E+00	3.35E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
MB240A	3.21E-03	3.94E-01	1.27E-02	3.82E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.80E-03	3.50E-03	0.00E+00	-2.19E-04	4.22E-10	2.06E-08	1.37E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	2.97E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.79E-04	1.05E-07	3.27E-01	0.00E+00	3.01E+00	5.63E-07	3.01E+00	3.35E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.77E+01
MB250A	3.42E-03	4.10E-01	1.36E-02	3.95E-01	2.87E-12	0.00E+00	2.29E+00	4.15E-06	1.78E-03	3.63E-03	0.00E+00	-2.23E-04	4.57E-10	2.07E-08	1.43E-02	7.75E-01	0.00E+00	0.00E+00	1.94E+00	2.96E-03	3.10E+00	0.00E+00	2.52E-08	1.33E-08	9.96E-04	1.08E-07	3.33E-01	0.00E+00	3.10E+00	5.78E-07	3.10E+00	3.41E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	7.10E+01
MB263A	4.65E-03	4.10E-01	1.43E-02	3.97E-01	2.87E-12	0.00E+00	2.30E+00	4.16E-06	2.74E-03	3.62E-03	0.00E+00	-2.35E-04	4.63E-10	3.13E-08	1.43E-02	8.11E-01	0.00E+00	0.00E+00	1.97E+00	3.16E-03	3.11E+00	0.00E+00	2.52E-08	1.34E-08	1.00E-03	1.26E-07	3.36E-01	0.00E+00	3.11E+00	5.78E-07	3.11E+00	3.41E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
MB306A	2.17E-03	4.73E-01	1.37E-02	4.61E-01	2.87E-12	0.00E+00	2.63E+00	4.94E-06	8.81E-04	4.20E-03	0.00E+00	-2.51E-04	4.67E-10	1.09E-08	1.73E-02	6.71E-01	0.00E+00	0.00E+00	1.96E+00	3.21E-03	3.62E+00	0.00E+00	2.90E-08	1.40E-08	1.09E-03	1.15E-07	3.49E-01	0.00E+00	3.62E+00	7.16E-07	3.62E+00	3.97E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
MB310A	2.28E-03	4.78E-01	1.39E-02	4.64E-01	2.87E-12	0.00E+00	2.73E+00	5.08E-06	1.05E-03	4.23E-03	0.00E+00	-2.23E-04	4.83E-10	1.21E-08	1.78E-02	6.74E-01	0.00E+00	0.00E+00	2.00E+00	2.94E-03	3.72E+00	0.00E+00	2.98E-08	1.45E-08	1.11E-03	1.11E-07	3.64E-01	0.00E+00	3.72E+00	7.36E-07	3.72E+00	4.10E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MB313A	2.40E-03	4.96E-01	1.36E-02	4.81E-01	2.87E-12	0.00E+00	2.83E+00	5.17E-06	1.09E-03	4.30E-03	0.00E+00	-2.30E-04	4.85E-10	1.25E-08	1.82E-02	7.05E-01	0.00E+00	0.00E+00	2.20E+00	3.00E-03	3.85E+00	0.00E+00	3.11E-08	1.61E-08	1.13E-03	1.21E-07	3.94E-01	0.00E+00	3.85E+00	7.41E-07	3.85E+00	4.25E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	7.84E+01
MB316A	1.90E-03	4.11E-01	1.56E-02	3.97E-01	2.87E-12	0.00E+00	2.12E+00	3.88E-06	8.82E-04	3.54E-03	0.00E+00	-1.30E-04	3.53E-10	1.03E-08	1.34E-02	5.62E-01	0.00E+00	0.00E+00	1.58E+00	1.77E-03	3.03E+00	0.00E+00	2.45E-08	1.19E-08	9.29E-04	8.05E-08	2.85E-01	0.00E+00	3.03E+00	2.84E-07	3.03E+00	3.30E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
MB320A	2.55E-03	4.92E-01	1.41E-02	4.76E-01	2.87E-12	0.00E+00	2.80E+00	5.25E-06	1.17E-03	4.28E-03	0.00E+00	-2.29E-04	5.07E-10	1.41E-08	1.81E-02	7.48E-01	0.00E+00	0.00E+00	2.14E+00	2.98E-03	3.81E+00	0.00E+00	3.05E-08	1.51E-08	1.13E-03	1.17E-07	3.81E-01	0.00E+00	3.81E+00	7.43E-07	3.81E+00	4.19E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.67E+01
MB325A	2.91E-03	5.02E-01	2.60E-02	4.89E-01	2.87E-12	0.00E+00	2.96E+00	5.58E-06	1.53E-03	4.39E-03	0.00E+00	-2.23E-04	5.40E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.95E-03	4.02E+00	0.00E+00	3.22E-08	1.63E-08	1.19E-03	1.11E-07	4.13E-01	0.00E+00	4.02E+00	3.64E-07	4.02E+00	4.42E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
MB332A	4.86E-03	5.84E-01	1.86E-02	5.65E-01	2.87E-12	0.00E+00	3.55E+00	6.05E-06	2.83E-03	5.22E-03	0.00E+00	-2.45E-04	6.19E-10	3.12E-08	2.26E-02	1.07E+00	0.00E+00	0.00E+00	2.72E+00	3.15E-03	4.42E+00	0.00E+00	3.62E-08	1.97E-08	1.48E-03	1.33E-07	4.84E-01	0.00E+00	4.42E+00	7.22E-07	4.42E+00	4.93E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01
MB340A	4.83E-03	5.85E-01	1.91E-02	5.65E-01	2.87E-12	0.00E+00	3.23E+00	5.72E-06	2.82E-03	5.20E-03	0.00E+00	-3.73E-04	6.19E-10	3.13E-08	2.03E-02	1.07E+00	0.00E+00	0.00E+00	2.74E+00	4.96E-03	4.39E+00	0.00E+00	3.62E-08	1.99E-08	1.48E-03	1.72E-07	4.85E-01	0.00E+00	4.39E+00	7.11E-07	4.39E+00	4.88E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MB350A	5.66E-03	6.09E-01	2.16E-02	5.90E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	3.45E-03	5.49E-03	0.00E+00	-3.66E-04	6.80E-10	3.75E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.84E-03	4.89E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.52E-01	0.00E+00	4.89E+00	7.49E-07	4.89E+00	5.44E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MB363A	5.72E-03	6.12E-01	2.17E-02	5.93E-01	2.87E-12	0.00E+00	3.67E+00	6.74E-06	3.49E-03	5.53E-03	0.00E+00	-3.67E-04	7.00E-10	3.78E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.84E-03	4.96E+00	0.00E+00	3.99E-08	2.21E-08	1.60E-03	1.72E-07	5.61E-01	0.00E+00	4.96E+00	7.67E-07	4.96E+00	5.52E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MB406A	3.07E-03	6.11E-01	2.79E-02	5.94E-01	2.87E-12	0.00E+00	3.42E+00	6.40E-06	1.07E-03	5.37E-03	0.00E+00	-2.88E-04	6.26E-10	1.43E-08	2.24E-02	9.26E-01	0.00E+00	0.00E+00	2.63E+00	3.93E-03	4.75E+00	0.00E+00	3.80E-08	1.80E-08	1.38E-03	1.40E-07	4.64E-01	0.00E+00	4.75E+00	3.97E-07	4.75E+00	5.22E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
MB410A	3.34E-03	6.12E-01	2.79E-02	5.95E-01	2.87E-12	0.00E+00	3.47E+00	6.59E-06	1.51E-03	5.38E-03	0.00E+00	-2.87E-04	6.47E-10	1.75E-08	2.28E-02	9.42E-01	0.00E+00	0.00E+00	2.69E+00	3.98E-03	4.78E+00	0.00E+00	3.83E-08	1.81E-08	1.39E-03	1.40E-07	4.72E-01	0.00E+00	4.78E+00	4.08E-07	4.78E+00	5.24E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.70E+01
MB413A	3.43E-03	6.16E-01	1.82E-02	6.00E-01	2.87E-12	0.00E+00	3.53E+00	6.62E-06	1.55E-03	5.44E-03	0.00E+00	-2.97E-04	6.43E-10	1.83E-08	2.27E-02	9.52E-01	0.00E+00	0.00E+00	2.70E+00	4.06E-03	4.85E+00	0.00E+00	3.89E-08	1.83E-08	1.40E-03	1.57E-07	4.76E-01	0.00E+00	4.85E+00	9.43E-07	4.85E+00	5.36E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
MB416A	4.05E-03	5.64E-01	3.68E-02	5.49E-01	2.87E-12	0.00E+00	3.47E+00	6.25E-06	2.27E-03	5.02E-03	0.00E+00	-2.41E-04	5.63E-10	2.58E-08	2.13E-02	1.06E+00	1.83E-06	8.31E-06	2.84E+00	3.41E-03	4.39E+00	0.00E+00	3.63E-08	2.02E-08	1.45E-03	2.38E-07	5.02E-01	0.00E+00	4.39E+00	7.76E-07	4.39E+00	4.84E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MB420A	3.67E-03	6.28E-01	1.93E-02	6.08E-01	2.87E-12	0.00E+00	3.76E+00	7.08E-06	1.80E-03	5.50E-03	0.00E+00	-2.99E-04	6.67E-10	2.10E-08	2.39E-02	1.01E+00	0.00E+00	0.00E+00	2.80E+00	4.07E-03	5.11E+00	0.00E+00	4.07E-08	1.97E-08	1.49E-03	1.59E-07	4.94E-01	0.00E+00	5.11E+00	9.69E-07	5.11E+00	5.61E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MB425A	4.16E-03	6.44E-01	3.02E-02	6.23E-01	2.87E-12	0.00E+00	3.96E+00	7.40E-06	2.17E-03	5.78E-03	0.00E+00	-3.01E-04	7.31E-10	2.54E-08	2.51E-02	1.18E+00	0.00E+00	0.00E+00	3.16E+00	4.04E-03	5.40E+00	0.00E+00	4.31E-08	2.17E-08	1.55E-03	1.62E-07	5.58E-01	0.00E+00	5.40E+00	3.96E-07	5.40E+00	5.96E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MB432A	6.13E-03	7.97E-01	2.59E-02	7.72E-01	2.87E-12	0.00E+00	4.32E+00	7.88E-06	3.64E-03	7.10E-03	0.00E+00	-3.23E-04	8.21E-10	4.00E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	4.20E-03	6.08E+00	0.00E+00	4.94E-08	2.66E-08	1.99E-03	1.85E-07	6.55E-01	0.00E+00	6.08E+00	9.71E-07	6.08E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MB440A	6.39E-03	7.98E-01	2.56E-02	7.71E-01	2.87E-12	0.00E+00	4.32E+00	7.90E-06	3.72E-03	7.08E-03	0.00E+00	-4.50E-04	8.41E-10	4.09E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.68E+00	5.92E-03	6.07E+00	0.00E+00	4.95E-08	2.66E-08	1.99E-03	2.07E-07	6.53E-01	0.00E+00	6.07E+00	9.63E-07	6.07E+00	6.71E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MB450A	7.48E-03	8.24E-01	2.89E-02	7.96E-01	2.87E-12	0.00E+00	4.87E+00	8.96E-06	4.50E-03	7.37E-03	0.00E+00	-4.46E-04	9.22E-10	4.96E-08	2.97E-02	1.64E+00	0.00E+00	0.00E+00	4.21E+00	5.81E-03	6.62E+00	0.00E+00	5.33E-08	2.94E-08	2.11E-03	2.10E-07	7.40E-01	0.00E+00	6.62E+00	1.00E-06	6.62E+00	7.36E+00	7.40E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MB463A	7.56E-03	8.28E-01	2.93E-02	7.99E-01	2.87E-12	0.00E+00	4.95E+00	9.03E-06	4.52E-03	7.41E-03	0.00E+00	-4.46E-04	9.60E-10	5.02E-08	3.00E-02	1.66E+00	0.00E+00	0.00E+00	4.28E+00	5.80E-03	6.66E+00	0.00E+00	5.36E-08	2.96E-08	2.12E-03	2.13E-07	7.49E-01	0.00E+00	6.66E+00	1.02E-06	6.66E+00	7.42E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MB506A	1.40E-03	3.20E-01	8.86E-03	3.10E-01	2.87E-12	0.00E+00	1.80E+00	3.52E-06	5.36E-04	2.79E-03	0.00E+00	-1.57E-04	3.27E-10	7.27E-09	1.17E-02	4.99E-01	0.00E+00	0.00E+00	1.37E+00	2.21E-03	2.58E+00	0.00E+00	2.05E-08	9.71E-09	7.36E-04	7.10E-08	2.43E-01	0.00E+00	2.58E+00	6.33E-07	2.58E+00	2.82E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MB510A	1.41E-03	3.20E-01	8.85E-03	3.09E-01	2.87E-12	0.00E+00	1.81E+00	3.53E-06	6.44E-04	2.79E-03	0.00E+00	-1.51E-04	3.31E-10	7.72E-09	1.17E-02	5.05E-01	0.00E+00	0.00E+00	1.41E+00	2.20E-03	2.59E+00	0.00E+00	2.06E-08	9.92E-09	7.34E-04	7.05E-08	2.47E-01	0.00E+00	2.59E+00	6.42E-07	2.59E+00	2.83E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MB513A	1.51E-03	3.22E-01	9.48E-03	3.12E-01	2.87E-12	0.00E+00	1.86E+00	3.57E-06	6.98E-04	2.81E-03	0.00E+00	-1.51E-04	3.35E-10	8.28E-09	1.21E-02	5.28E-01	0.00E+00	0.00E+00	1.43E+00	2.21E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.42E-04	7.30E-08	2.49E-01	0.00E+00	2.61E+00	6.43E-07	2.61E+00	2.85E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MB516A	1.64E-03	3.24E-01	8.89E-03	3.14E-01	2.87E-12	0.00E+00	1.86E+00	3.51E-06	7.31E-04	2.82E-03	0.00E+00	-1.47E-04	3.15E-10	9.36E-09	1.19E-02	5.09E-01	0.00E+00	0.00E+00	1.41E+00	1.97E-03	2.56E+00	0.00E+00	2.04E-08	1.01E-08	7.48E-04	7.77E-08	2.49E-01	0.00E+00	2.56E+00	4.60E-07	2.56E+00	2.82E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MB520A	1.67E-03	3.19E-01	8.40E-03	3.10E-01	2.87E-12	0.00E+00	1.82E+00	3.47E-06	8.12E-04	2.79E-03	0.00E+00	-1.42E-04	5.83E-10	9.49E-09	1.16E-02	5.01E-01	0.00E+00	0.00E+00	1.42E+00	1.94E-03	2.53E+00	0.00E+00	2.02E-08	1.01E-08	7.42E-04	1.33E-06	2.52E-01	0.00E+00	2.53E+00	2.13E-07	2.53E+00	2.78E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MB525A	2.03E-03	3.27E-01	1.37E-02	3.17E-01	2.87E-12	0.00E+00	1.92E+00	3.57E-06	1.06E-03	2.84E-03	0.00E+00	-1.56E-04	5.97E-10	1.23E-08	1.22E-02	5.40E-01	0.00E+00	0.00E+00	1.51E+00	2.07E-03	2.60E+00	0.00E+00	2.07E-08	1.04E-08	7.78E-04	1.33E-06	2.67E-01	0.00E+00	2.60E+00	2.07E-07	2.60E+00	2.86E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.48E+01
MB532A	3.02E-03	3.13E-01	1.60E-02	3.02E-01	2.87E-12	0.00E+00	2.13E+00	3.84E-06	1.76E-03	2.81E-03	0.00E+00	-1.54E-04	6.22E-10	1.91E-08	1.32E-02	6.95E-01	0.00E+00	0.00E+00	1.78E+00	2.17E-03	2.98E+00	0.00E+00	2.38E-08	1.29E-08	9.21E-04	1.33E-06	3.16E-01	0.00E+00	2.98E+00	2.17E-07	2.98E+00	3.31E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01

MB540A	3.25E-03	3.99E-01	1.89E-02	3.79E-01	2.87E-12	0.00E+00	2.17E+00	3.91E-06	1.85E-03	3.40E-03	0.00E+00	-2.37E-04	6.87E-10	2.07E-08	1.37E-02	7.37E-01	0.00E+00	0.00E+00	1.92E+00	3.08E-03	3.00E+00	0.00E+00	2.46E-08	1.36E-08	9.87E-04	1.34E-06	3.30E-01	0.00E+00	3.00E+00	5.72E-07	3.00E+00	3.34E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MB563A	4.69E-03	4.09E-01	1.96E-02	3.85E-01	2.87E-12	0.00E+00	2.37E+00	4.40E-06	2.75E-03	3.50E-03	0.00E+00	-2.39E-04	7.24E-10	3.18E-08	1.48E-02	8.19E-01	0.00E+00	0.00E+00	2.09E+00	3.17E-03	3.22E+00	0.00E+00	2.58E-08	1.47E-08	1.04E-03	1.35E-06	3.67E-01	0.00E+00	3.22E+00	5.59E-07	3.22E+00	3.55E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MBA106	8.47E-04	1.68E-01	5.62E-03	1.63E-01	2.87E-12	0.00E+00	9.36E-01	1.73E-06	3.80E-04	1.48E-03	0.00E+00	-1.77E-04	1.71E-10	4.80E-09	5.98E-03	2.57E-01	0.00E+00	0.00E+00	7.25E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.35E-09	3.90E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MBA110	8.42E-04	1.69E-01	5.60E-03	1.62E-01	2.87E-12	0.00E+00	9.19E-01	1.73E-06	4.00E-04	1.49E-03	0.00E+00	-1.94E-04	1.72E-10	4.86E-09	5.94E-03	2.57E-01	0.00E+00	0.00E+00	7.21E-01	2.57E-03	1.29E+00	0.00E+00	1.04E-08	5.34E-09	3.92E-04	7.64E-08	1.28E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MBA113	8.26E-04	1.61E-01	5.25E-03	1.55E-01	2.87E-12	0.00E+00	8.84E-01	1.68E-06	3.86E-04	1.41E-03	0.00E+00	-1.73E-04	1.65E-10	4.67E-09	5.64E-03	2.46E-01	0.00E+00	0.00E+00	7.00E-01	2.55E-03	1.22E+00	0.00E+00	9.78E-09	5.04E-09	3.73E-04	7.58E-08	1.23E-01	0.00E+00	1.22E+00	2.36E-07	1.22E+00	1.34E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MBA116	8.91E-04	1.68E-01	5.64E-03	1.61E-01	2.87E-12	0.00E+00	9.46E-01	1.79E-06	4.24E-04	1.47E-03	0.00E+00	-1.98E-04	1.77E-10	5.14E-09	6.02E-03	2.62E-01	0.00E+00	0.00E+00	7.38E-01	2.60E-03	1.31E+00	0.00E+00	1.05E-08	5.34E-09	3.92E-04	7.51E-08	1.31E-01	0.00E+00	1.31E+00	2.39E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MBA120	1.01E-03	1.69E-01	6.05E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.94E-06	5.07E-04	1.51E-03	0.00E+00	-1.88E-04	1.88E-10	6.51E-09	6.42E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.52E-03	1.40E+00	0.00E+00	1.11E-08	5.60E-09	4.03E-04	7.35E-08	1.43E-01	0.00E+00	1.40E+00	2.50E-07	1.40E+00	1.54E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
MBA125	1.25E-03	1.67E-01	5.75E-03	1.61E-01	2.87E-12	0.00E+00	9.52E-01	1.79E-06	7.00E-04	1.47E-03	0.00E+00	-1.76E-04	1.80E-10	7.54E-09	6.03E-03	2.77E-01	0.00E+00	0.00E+00	7.85E-01	2.56E-03	1.31E+00	0.00E+00	1.05E-08	5.41E-09	3.94E-04	7.47E-08	1.36E-01	0.00E+00	1.31E+00	2.36E-07	1.31E+00	1.45E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MBA132	1.43E-03	1.85E-01	6.38E-03	1.82E-01	2.87E-12	0.00E+00	1.07E+00	1.98E-06	8.78E-04	1.57E-03	0.00E+00	-1.71E-04	1.98E-10	9.65E-09	6.57E-03	3.27E-01	0.00E+00	0.00E+00	8.99E-01	2.53E-03	1.42E+00	0.00E+00	1.14E-08	6.06E-09	4.38E-04	7.42E-08	1.59E-01	0.00E+00	1.42E+00	2.49E-07	1.42E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
MBA150	1.48E-03	2.00E-01	6.71E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	1.92E-06	9.53E-04	1.73E-03	0.00E+00	-2.17E-04	2.06E-10	1.00E-08	6.79E-03	3.72E-01	0.00E+00	0.00E+00	9.32E-01	2.67E-03	1.49E+00	0.00E+00	1.21E-08	6.76E-09	4.83E-04	8.12E-08	1.66E-01	0.00E+00	1.49E+00	2.55E-07	1.49E+00	1.66E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MBA163	1.72E-03	1.71E-01	6.44E-03	1.65E-01	2.87E-12	0.00E+00	1.11E+00	1.92E-06	1.14E-03	1.56E-03	0.00E+00	-1.48E-04	2.01E-10	1.21E-08	6.55E-03	3.53E-01	0.00E+00	0.00E+00	9.57E-01	1.92E-03	1.41E+00	0.00E+00	1.14E-08	6.56E-09	4.53E-04	6.49E-08	1.69E-01	0.00E+00	1.41E+00	2.43E-07	1.41E+00	1.56E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
MBA206	1.38E-03	3.04E-01	1.13E-02	2.89E-01	2.87E-12	0.00E+00	1.95E+00	3.52E-06	5.57E-04	2.78E-03	0.00E+00	-2.30E-04	3.30E-10	7.42E-09	1.19E-02	6.09E-01	0.00E+00	0.00E+00	1.36E+00	3.21E-03	2.55E+00	0.00E+00	2.06E-08	9.94E-09	7.52E-04	1.27E-07	2.42E-01	0.00E+00	2.55E+00	4.09E-07	2.55E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MBA210	1.38E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.82E+00	3.63E-06	7.47E-04	2.76E-03	0.00E+00	-2.39E-04	3.37E-10	8.60E-09	1.20E-02	6.20E-01	0.00E+00	0.00E+00	1.40E+00	3.47E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.28E-07	2.45E-01	0.00E+00	2.71E+00	5.63E-07	2.71E+00	2.94E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
MBA216	1.46E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.98E+00	3.79E-06	7.41E-04	2.76E-03	0.00E+00	-2.45E-04	3.67E-10	8.94E-09	1.23E-02	6.41E-01	0.00E+00	0.00E+00	1.42E+00	3.59E-03	2.74E+00	0.00E+00	2.13E-08	1.04E-08	7.54E-04	1.27E-07	2.48E-01	0.00E+00	2.74E+00	5.18E-07	2.74E+00	2.97E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
MBA220	2.60E-03	2.99E-01	1.28E-02	2.84E-01	2.87E-12	0.00E+00	2.20E+00	4.10E-06	8.42E-04	2.77E-03	0.00E+00	-2.44E-04	3.94E-10	1.37E-08	1.42E-02	6.34E-01	0.00E+00	0.00E+00	1.72E+00	3.40E-03	3.15E+00	0.00E+00	2.54E-08	1.34E-08	9.09E-04	1.24E-07	3.25E-01	0.00E+00	3.15E+00	4.29E-07	3.15E+00	3.44E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
MBA225	2.87E-03	3.00E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.16E-06	1.48E-03	2.77E-03	0.00E+00	-2.45E-04	3.95E-10	1.75E-08	1.42E-02	6.96E-01	0.00E+00	0.00E+00	1.85E+00	3.41E-03	3.16E+00	0.00E+00	2.54E-08	1.34E-08	9.18E-04	1.21E-07	3.32E-01	0.00E+00	3.16E+00	4.28E-07	3.16E+00	3.47E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
MBA232	2.83E-03	3.86E-01	1.19E-02	3.75E-01	2.87E-12	0.00E+00	2.12E+00	3.85E-06	1.46E-03	3.41E-03	0.00E+00	-2.97E-04	3.83E-10	1.73E-08	1.39E-02	6.97E-01	0.00E+00	0.00E+00	1.75E+00	1.79E-03	2.97E+00	0.00E+00	2.42E-08	1.28E-08	9.62E-04	1.10E-07	3.15E-01	0.00E+00	2.97E+00	5.61E-07	2.97E+00	3.30E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	6.50E+01
MBA240	2.87E-03	3.87E-01	1.22E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.22E-06	1.45E-03	3.40E-03	0.00E+00	-2.44E-04	3.71E-10	1.72E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.81E+00	3.60E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.77E-04	1.26E-07	3.39E-01	0.00E+00	3.17E+00	4.09E-07	3.17E+00	3.47E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
MBA250	3.19E-03	3.88E-01	1.23E-02	3.73E-01	2.87E-12	0.00E+00	2.24E+00	4.24E-06	1.80E-03	3.40E-03	0.00E+00	-2.83E-04	3.78E-10	1.97E-08	1.42E-02	7.26E-01	0.00E+00	0.00E+00	1.91E+00	4.01E-03	3.18E+00	0.00E+00	2.58E-08	1.44E-08	9.80E-04	1.37E-07	3.44E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.49E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MBA263	4.64E-03	3.90E-01	1.31E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.58E-04	3.79E-10	2.95E-08	1.41E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.28E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
MBA306	2.70E-03	4.78E-01	2.57E-02	4.64E-01	2.87E-12	0.00E+00	2.78E+00	5.05E-06	9.98E-04	4.19E-03	0.00E+00	-4.79E-04	4.90E-10	1.43E-08	1.75E-02	7.13E-01	0.00E+00	0.00E+00	1.98E+00	6.28E-03	3.67E+00	0.00E+00	2.97E-08	1.42E-08	1.12E-03	1.88E-07	3.60E-01	0.00E+00	3.67E+00	3.27E-07	3.67E+00	4.01E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MBA310	2.70E-03	4.77E-01	1.47E-02	4.63E-01	2.87E-12	0.00E+00	2.78E+00	5.05E-06	1.30E-03	4.20E-03	0.00E+00	-4.83E-04	4.93E-10	1.48E-08	1.75E-02	7.31E-01	0.00E+00	0.00E+00	2.00E+00	6.37E-03	3.68E+00	0.00E+00	2.97E-08	1.44E-08	1.12E-03	1.95E-07	3.63E-01	0.00E+00	3.68E+00	7.34E-07	3.68E+00	4.03E+00	3.63E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
MBA313	2.72E-03	4.58E-01	2.55E-02	4.45E-01	2.87E-12	0.00E+00	2.71E+00	4.92E-06	1.34E-03	4.17E-03	0.00E+00	-3.85E-04	4.92E-10	1.54E-08	1.71E-02	7.12E-01	0.00E+00	0.00E+00	1.96E+00	4.54E-03	3.60E+00	0.00E+00	2.88E-08	1.41E-08	1.11E-03	1.48E-07	3.52E-01	0.00E+00	3.60E+00	3.19E-07	3.60E+00	3.93E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MBA316	2.91E-03	4.59E-01	2.58E-02	4.45E-01	2.87E-12	0.00E+00	2.73E+00	4.96E-06	1.48E-03	4.17E-03	0.00E+00	-3.87E-04	5.13E-10	1.71E-08	1.72E-02	7.39E-01	0.00E+00	0.00E+00	2.02E+00	4.61E-03	3.61E+00	0.00E+00	2.88E-08	1.42E-08	1.11E-03	1.54E-07	3.59E-01	0.00E+00	3.61E+00	3.18E-07	3.61E+00	3.95E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.36E+01
MBA320	3.00E-03	4.93E-01	1.73E-02	4.71E-01	2.87E-12	0.00E+00	2.94E+00	5.47E-06	1.52E-03	4.44E-03	0.00E+00	-5.50E-04	5.29E-10	1.78E-08	1.89E-02	8.32E-01	0.00E+00	0.00E+00	2.36E+00	7.56E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.22E-03	2.18E-07	4.14E-01	0.00E+00	4.01E+00	7.52E-07	4.01E+00	4.43E+00	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.48E+01
MBA325	3.25E-03	4.90E-01	1.87E-02	4.73E-01	2.87E-12	0.00E+00	3.02E+00	5.60E-06	1.71E-03	4.35E-03	0.00E+00	-5.49E-04	5.56E-10	1.94E-08	1.91E-02	9.27E-01	0.00E+00	0.00E+00	2.69E+00	7.52E-03	4.06E+00	0.00E+00	3.26E-08	1.83E-08	1.27E-03	2.21E-07	4.69E-01	0.00E+00	4.06E+00	7.41E-07	4.06E+00	4.51E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.69E+01
MBA332	4.55E-03	5.39E-01	2.99E-02	5.19E-01	2.87E-12	0.00E+00	3.13E+00	5.85E-06	2.63E-03	4.72E-03	0.00E+00	-5.30E-04	6.16E-10	2.94E-08	1.98E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	7.37E-03	4.34E+00	0.00E+00	3.49E-08	1.95E-08	1.36E-03	2.17E-07	4.85E-01	0.00E+00	4.34E+00	3.27E-07	4.34E+00	4.83E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBA340	3.47E-03	5.66E-01	2.93E-02	5.47E-01	2.87E-12	0.00E+00	3.26E+00	6.02E-06	1.84E-03	5.11E-03	0.00E+00	-6.66E-04	6.25E-10	2.06E-08	2.09E-02	9.30E-01	0.00E+00	0.00E+00	2.65E+00	7.49E-03	4.36E+00	0.00E+00	3.51E-08	1.90E-08	1.44E-03	2.27E-07	4.71E-01	0.00E+00	4.36E+00	7.38E-07	4.36E+00	4.79E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
MBA350	4.84E-03	5.67E-01	3.07E-02	5.41E-01	2.87E-12	0.00E+00	3.12E+00	5.85E-06	2.84E-03	5.10E-03	0.00E+00	-6.39E-04	6.29E-10	3.14E-08	1.99E-02	1.14E+00	0.00E+00	0.00E+00	2.86E+00	7.56E-03	4.36E+00	0.00E+00	3.54E-08	2.04E-08	1.45E-03	2.31E-07	5.09E-01	0.00E+00	4.36E+00	3.26E-07	4.36E+00	4.84E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBA363	4.92E-03	5.70E-01	3.09E-02	5.47E-01	2.87E-12	0.00E+00	3.40E+00	6.09E-06	2.89E-03	5.13E-03	0.00E+00	-6.65E-04	6.44E-10	3.21E-08	2.12E-02	1.15E+00	0.00E+00	0.00E+00	2.89E+00	7.68E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.50E-03	2.33E-07	5.14E-01	0.00E+00	4.44E+00	3.26E-07	4.44E+00	4.93E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBA406	4.90E-03	6.24E-01	2.12E-02	5.93E-01	2.87E-12	0.00E+00	3.70E+00	6.94E-06	1.17E-03	5.14E-03	0.00E+00	-6.76E-04	6.75E-10	2.12E-08	2.37E-02	1.02E+00	0.00E+00	0.00E+00	2.84E+00	8.35E-03	5.04E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.34E-07	5.04E-01	0.00E+00	5.04E+00	9.26E-07	5.04E+00	5.48E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MBA410	3.68E-03	6.10E-01	1.85E-02	5.96E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.84E-03	5.34E-03	0.00E+00	-6.27E-04	5.99E-10	2.09E-08	2.22E-02	9.02E-01	0.00E+00	0.00E+00	2.48E+00	8.57E-03	4.69E+00	0.00E+00	3.70E-08	1.73E-08	1.34E-03	2.57E-07	4.43E-01	0.00E+00	4.69E+00	9.34E-07	4.69E+00	5.05E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	8.91E+01
MBA416	5.26E-03	6.34E-01	2.21E-02	6.09E-01	2.87E-12	0.00E+00	3.75E+00	6.97E-06	2.93E-03	5.71E-03	0.00E+00	-6.91E-04	6.82E-10	3.32E-08	2.37E-02	1.08E+00	0.00E+00	0.00E+00	3.01E+00	8.60E-03	5.16E+00	0.00E+00	4.12E-08	2.10E-08	1.55E-03	2.62E-07	5.32E-01	0.00E+00	5.16E+00	9.66E-07	5.16E+00	5.69E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MBA420	5.33E-03	6.68E-01	2.52E-02	6.39E-01	2.87E-12	0.00E+00	4.35E+00	8.04E-06	2.99E-03	6.02E-03	0.00E+00	-6.93E-04	8.09E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.52E+00	8.91E-03	5.85E+00	0.00E+00	4.65E-08	2.42E-08	1.66E-03	2.69E-07	6.20E-01	0.00E+00	5.85E+00	9.71E-07	5.85E+00	6.47E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MBA425	4.89E-03	6.67E-01	2.55E-02	6.37E-01	2.87E-12	0.00E+00	4.34E+00	8.07E-06	2.73E-03	6.00E-03	0.00E+00	-6.94E-04	8.11E-10	3.13E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.53E+00	9.00E-03	5.87E+00	0.00E+00	4.69E-08	2.46E-08	1.66E-03	2.75E-07	6.21E-01	0.00E+00	5.87E+00	9.69E-07	5.87E+00	6.49E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MBA432	6.45E-03	7.80E-01	2.59E-02	7.56E-01	2.87E-12	0.00E+00	4.52E+00	8.44E-06	3.65E-03	6.98E-03	0.00E+00	-6.93E-04	8.43E-10	4.09E-08	2.73E-02	1.46E+00	0.00E+00	0.00E+00	3.83E+00	8.74E-03	6.11E+00	0.00E+00	5.00E-08	2.70E-08	2.05E-03	2.71E-07	6.69E-01	0.00E+00	6.11E+00	9.44E-07	6.11E+00	6.78E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MBA440	6.48E-03	7.82E-01	2.59E-02	7.57E-01	2.87E-12	0.00E+00	4.54E+00	8.54E-06	3.71E-03	7.00E-03	0.00E+00	-7.47E-04	8.33E-10	4.08E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.79E-03	6.18E+00	0.00E+00	5.02E-08	2.73E-08	2.05E-03	2.85E-07	6.85E-01	0.00E+00	6.18E+00	9.42E-07	6.18E+00	6.87E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
MBA450	6.54E-03	7.98E-01	3.15E-02	7.70E-01	2.87E-12	0.00E+00	4.56E+00	8.59E-06	3.76E-03	7.13E-03	0.00E+00	-7.51E-04	8.53E-10	4.13E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.86E-03	6.32E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.83E-07	6.90E-01	0.00E+00	6.32E+00	9.42E-07	6.32E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MBA463	6.54E-03	8.01E-01	2.62E-02	7.70E-01	2.87E-12	0.00E+00	4.57E+00	8.60E-06	3.77E-03	7.14E-03	0.00E+00	-7.51E-04	8.55E-10	4.12E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.86E-03	6.32E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.84E-07	6.91E-01	0.00E+00	6.32E+00	9.35E-07	6.32E+00	7.00E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MBA510	1.38E-03	3.03E-01	1.24E-02	2.88E-01	2.87E-12	0.00E+00	1.78E+00	3.38E-06	7.49E-04	2.78E-03	0.00E+00	-2.29E-04	3.31E-10	8.68E-09	1.19E-02	5.95E-01	0.00E+00	0.00E+00	1.38E+00	3.02E-03	2.56E+00	0.00E+00	2.07E-08	1.03E-08	7.51E-04	1.30E-07	2.44E-01	0.00E+00	2.56E+00	4.27E-07	2.56E+00	2.82E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MBA516	1.49E-03	3.03E-01	1.14E-02	2.88E-01	2.87E-12	0.00E+00	1.78E+00	3.46E-06	7.57E-04	2.78E-03	0.00E+00	-2.28E-04	3.13E-10	9.31E-09	1.18E-02	6.02E-01	0.00E+00	0.00E+00	1.38E+00	3.01E-03	2.58E+00	0.00E+00	2.06E-08	1.03E-08	7.51E-04	1.28E-07	2.44E-01	0.00E+00	2.58E+00	4.08E-07	2.58E+00	2.84E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MBA520	1.55E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	1.97E+00	3.63E-06	7.79E-04	2.77E-03	0.00E+00	-2.45E-04	3.58E-10	9.37E-09	1.21E-02	6.17E-01	0.00E+00	0.00E+00	1.40E+00	3.44E-03	2.62E+00	0.00E+00	2.09E-08	1.04E-08	7.58E-04	1.29E-07	2.47E-01	0.00E+00	2.62E+00	4.09E-07	2.62E+00	2.87E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MBA525	1.82E-03	3.04E-01	1.15E-02	2.89E-01	2.87E-12	0.00E+00	1.78E+00	3.50E-06	1.49E-03	2.78E-03	0.00E+00	-2.12E-04	3.19E-10	1.40E-08	1.19E-02	6.59E-01	0.00E+00	0.00E+00	1.55E+00	3.32E-03	2.59E+00	0.00E+00	2.06E-08	1.04E-08	7.67E-04	1.29E-07	2.56E-01	0.00E+00	2.59E+00	4.08E-07	2.59E+00	2.85E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	5.88E+01
MBA540	2.92E-03	3.87E-01	1.21E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.21E-06	1.54E-03	3.39E-03	0.00E+00	-2.46E-04	3.71E-10	1.84E-08	1.39E-02	6.64E-01	0.00E+00	0.00E+00	1.81E+00	3.66E-03	3.18E+00	0.00E+00	2.58E-08	1.38E-08	9.97E-04	1.33E-07	3.40E-01	0.00E+00	3.18E+00	4.07E-07	3.18E+00	3.48E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
MBN006	6.70E-04	1.51E-01	5.32E-03	1.46E-01	2.87E-12	0.00E+00	8.20E-01	1.52E-06	2.84E-04	1.31E-03	0.00E+00	-1.05E-04	1.69E-10	3.53E-09	5.41E-03	2.15E-01	0.00E+00	0.00E+00	6.31E-01	1.34E-03	1.15E+00	0.00E+00	9.30E-09	4.56E-09	3.41E-04	4.72E-08	1.12E-01	0.00E+00	1.15E+00	2.35E-07	1.15E+00	1.26E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
MBN010	6.93E-04	1.53E-01	5.27E-03	1.48E-01	2.87E-12	0.00E+00	8.50E-01	1.65E-06	2.90E-04	1.34E-03	0.00E+00	-7.66E-05	1.78E-10	3.61E-09	5.58E-03	2.19E-01	0.00E+00	0.00E+00	6.59E-01	1.05E-03	1.19E+00	0.00E+00	9.57E-09	4.69E-09	3.46E-04	3.96E-08	1.15E-01	0.00E+00	1.19E+00	2.64E-07	1.19E+00	1.30E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
MBN013	7.52E-04	1.52E-01	4.40E-03	1.48E-01	0.00E+00	0.00E+00	8.95E-01	1.73E-06	3.32E-04	1.34E-03	0.00E+00	-7.26E-05	1.66E-10	4.12E-09	5.73E-03	2.33E-01	0.00E+00	0.00E+00	7.01E-01	9.75E-04	1.25E+00	0.00E+00	9.93E-09	4.90E-09	3.55E-04	3.56E-08	1.22E-01	0.00E+00	1.25E+00	2.69E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MBN016	7.49E-04	1.52E-01	4.38E-03	1.48E-01	0.00E+00	0.00E+00	8.90E-01	1.72E-06	3.31E-04	1.34E-03	0.00E+00	-7.26E-05	1.62E-10	4.11E-09	5.71E-03	2.32E-01	0.00E+00	0.00E+00	6.91E-01	9.75E-04	1.24E+00	0.00E+00	9.89E-09	4.87E-09	3.54E-04	3.56E-08	1.21E-01	0.00E+00	1.24E+00	2.66E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MBN020	7.98E-04	1.53E-01	4.63E-03	1.49E-01	2.87E-12	0.00E+00	8.95E-01	1.74E-06	3.72E-04	1.35E-03	0.00E+00	-7.29E-05	1.66E-10	4.49E-09	5.74E-03	2.40E-01	0.00E+00	0.00E+00	7.06E-01	9.93E-04	1.25E+00	0.00E+00	9.95E-09	4.96E-09	3.62E-04	3.88E-08	1.23E-01	0.00E+00	1.25E+00	2.69E-07	1.25E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MBN025	9.61E-04	1.59E-01	4.94E-03	1.54E-01	2.87E-12	0.00E+00	9.61E-01	1.85E-06	4.79E-04	1.42E-03	0.00E+00	-7.96E-05	1.80E-10	5.68E-09	6.00E-03	2.67E-01	0.00E+00	0.00E+00	7.74E-01	9.87E-04	1.32E+00	0.00E+00	1.05E-08	5.35E-09	3.84E-04	3.96E-08	1.35E-01	0.00E+00	1.32E+00	2.70E-07	1.32E+00	1.45E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MBN032	1.46E-03	2.09E-01	7.11E-03	1.96E-01	2.87E-12	0.00E+00	1.13E+00	1.93E-06	8.21E-04	1.70E-03	0.00E+00	-1.85E-04	2.18E-10	9.12E-09	6.78E-03	3.51E-01	0.00E+00	0.00E+00	9.00E-01	2.96E-03	1.49E+00	0.00E+00	1.21E-08	6.61E-09	4.80E-04	7.88E-08	1.61E-01	0.00E+00	1.49E+00	2.50E-07	1.49E+00	1.66E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MBN040	1.53E-03	2.09E-01	7.41E-03	1.96E-01	2.87E-12	0.00E+00	1.15E+00	1.93E-06	9.13E-04	1.69E-03	0.00E+00	-1.98E-04	2.32E-10	9.83E-09	6.78E-03	3.61E-01	0.00E+00	0.00E+00	9.22E-01	3.14E-03	1.49E+00	0.00E+00	1.22E-08	6.69E-09	4.79E-04	8.12E-08	1.65E-01	0.00E+00	1.49E+00	2.48E-07	1.49E+00	1.67E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MBN106	6.61E-04	1.51E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.80E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.17E-01	1.74E-03	1.14E+00	0.00E+00	9.19E-09	4.46E-09	3.39E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.21E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MBN106A	6.79E-04	1.55E-01	5.32E-03	1.51E-01	2.87E-12	0.00E+00	8.66E-01	1.61E-06	2.89E-04	1.37E-03	0.00E+00	-9.13E-05	1.72E-10	3.63E-09	5.57E-03	2.20E-01	0.00E+00	0.00E+00	6.60E-01	1.17E-03	1.18E+00	0.00E+00	9.50E-09	4.63E-09	3.48E-04	4.40E-08	1.16E-01	0.00E+00	1.18E+00	2.29E-07	1.18E+00	1.29E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
MBN106E	6.61E-04	1.51E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.80E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.17E-01	1.74E-03	1.14E+00	0.00E+00	9.19E-09	4.46E-09	3.39E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.21E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MBN106P	1.01E-03	1.37E-01	6.58E-03	1.31E-01	2.87E-12	0.00E+00	1.01E+00	2.49E-06	4.54E-04	1.39E-03	0.00E+00	-1.87E-04	1.90E-10	5.50E-09	7.65E-03	3.02E-01	0.00E+00	0.00E+00	9.17E-01	3.03E-03	1.93E+00	0.00E+00	1.51E-08	7.64E-09	4.23E-04	8.44E-08	1.59E-01	0.00E+00	1.93E+00	5.25E-07	1.93E+00	2.12E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MBN106W	6.66E-04	1.50E-01	4.43E-03	1.45E-01	2.87E-12	0.00E+00	8.27E-01	1.57E-06	2.81E-04	1.30E-03	0.00E+00	-1.09E-04	1.45E-10	3.50E-09	5.38E-03	2.13E-01	0.00E+00	0.00E+00	6.27E-01	1.39E-03	1.15E+00	0.00E+00	9.28E-09	4.49E-09	3.39E-04	4.78E-08	1.11E-01	0.00E+00	1.15E+00	2.35E-07	1.15E+00	1.27E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
MBN110	5.80E-04	1.42E-01	3.84E-03	1.38E-01	0.00E+00	0.00E+00	7.05E-01	1.34E-06	2.38E-04	1.22E-03	0.00E+00	-1.00E-04	1.29E-10	2.89E-09	4.52E-03	1.81E-01	0.00E+00	0.00E+00	5.44E-01	1.34E-03	1.01E+00	0.00E+00	8.23E-09	4.02E-09	3.13E-04	4.27E-08	9.62E-02	0.00E+00	1.01E+00	2.08E-07	1.01E+00	1.11E+00	9.62E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
MBN110E	5.65E-04	1.41E-01	2.99E-03	1.38E-01	0.00E+00	0.00E+00	6.95E-01	1.28E-06	2.33E-04	1.22E-03	0.00E+00	0.00E+00	7.98E-11	2.81E-09	4.48E-03	1.78E-01	0.00E+00	0.00E+00	5.10E-01	1.53E-05	9.84E-01	0.00E+00	8.11E-09	3.90E-09	3.11E-04	1.09E-08	9.28E-02	0.00E+00	9.84E-01	1.93E-07	9.84E-01	1.08E+00	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
MBN110P	6.28E-04	1.42E-01	4.39E-03	1.37E-01	2.87E-12	0.00E+00	8.15E-01	1.69E-06	2.69E-04	1.28E-03	0.00E+00	-7.49E-05	1.50E-10	3.22E-09	5.47E-03	2.20E-01	0.00E+00	0.00E+00	6.49E-01	1.02E-03	1.25E+00	0.00E+00	9.87E-09	4.81E-09	3.30E-04	4.95E-08	1.12E-01	0.00E+00	1.25E+00	3.17E-07	1.25E+00	1.37E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MBN110W	6.21E-04	1.42E-01	3.98E-03	1.38E-01	2.87E-12	0.00E+00	7.24E-01	1.39E-06	2.62E-04	1.24E-03	0.00E+00	-9.10E-05	1.28E-10	3.14E-09	4.68E-03	1.91E-01	0.00E+00	0.00E+00	5.63E-01	1.59E-03	1.06E+00	0.00E+00	8.59E-09	4.20E-09	3.20E-04	4.25E-08	9.94E-02	0.00E+00	1.06E+00	2.24E-07	1.06E+00	1.16E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
MBN113	6.24E-04	1.39E-01	3.52E-03	1.35E-01	2.87E-12	0.00E+00	7.29E-01	1.37E-06	2.77E-04	1.22E-03	0.00E+00	-5.18E-05	1.19E-10	3.27E-09	4.63E-03	1.90E-01	0.00E+00	0.00E+00	5.44E-01	7.19E-04	1.05E+00	0.00E+00	8.50E-09	4.12E-09	3.14E-04	3.10E-08	9.75E-02	0.00E+00	1.05E+00	2.14E-07	1.05E+00	1.15E+00	9.75E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
MBN113E	7.44E-04	1.51E-01	4.29E-03	1.47E-01	0.00E+00	0.00E+00	8.69E-01	1.68E-06	3.30E-04	1.33E-03	0.00E+00	-6.95E-05	1.62E-10	4.06E-09	5.60E-03	2.29E-01	0.00E+00	0.00E+00	6.83E-01	9.33E-04	1.22E+00	0.00E+00	9.73E-09	4.81E-09	3.52E-04	3.44E-08	1.19E-01	0.00E+00	1.22E+00	2.63E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MBN116E	6.33E-04	1.42E-01	4.12E-03	1.38E-01	0.00E+00	0.00E+00	7.25E-01	1.38E-06	2.75E-04	1.23E-03	0.00E+00	-1.20E-04	1.26E-10	3.29E-09	4.64E-03	1.90E-01	0.00E+00	0.00E+00	5.59E-01	1.60E-03	1.04E+00	0.00E+00	8.48E-09	4.16E-09	3.19E-04	4.93E-08	9.94E-02	0.00E+00	1.04E+00	2.13E-07	1.04E+00	1.14E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MBN116P	6.49E-04	1.42E-01	4.41E-03	1.39E-01	2.87E-12	0.00E+00	8.35E-01	1.71E-06	2.79E-04	1.30E-03	0.00E+00	-7.23E-05	1.50E-10	3.39E-09	5.60E-03	2.20E-01	0.00E+00	0.00E+00	6.54E-01	1.02E-03	1.26E+00	0.00E+00	9.94E-09	4.83E-09	3.28E-04	4.93E-08	1.13E-01	0.00E+00	1.26E+00	3.15E-07	1.26E+00	1.38E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MBN116W	6.22E-04	1.42E-01	3.97E-03	1.38E-01	2.87E-12	0.00E+00	7.24E-01	1.39E-06	2.62E-04	1.24E-03	0.00E+00	-8.77E-05	1.28E-10	3.16E-09	4.69E-03	1.91E-01	0.00E+00	0.00E+00	5.62E-01	1.50E-03	1.06E+00	0.00E+00	8.59E-09	4.20E-09	3.20E-04	4.24E-08	9.95E-02	0.00E+00	1.06E+00	2.24E-07	1.06E+00	1.16E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
MBN120	6.48E-04	1.39E-01	3.49E-03	1.35E-01	0.00E+00	0.00E+00	7.27E-01	1.36E-06	2.91E-04	1.21E-03	0.00E+00	-4.21E-05	1.19E-10	3.45E-09	4.63E-03	1.91E-01	0.00E+00	0.00E+00	5.43E-01	5.70E-04	1.04E+00	0.00E+00	8.45E-09	4.12E-09	3.16E-04	2.43E-08	9.82E-02	0.00E+00	1.04E+00	2.12E-07	1.04E+00	1.14E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MBN120E	6.13E-04	1.42E-01	3.62E-03	1.39E-01	0.00E+00	0.00E+00	7.19E-01	1.38E-06	2.56E-04	1.24E-03	0.00E+00	-6.21E-05	1.26E-10	3.08E-09	4.68E-03	1.89E-01	0.00E+00	0.00E+00	5.58E-01	8.34E-04	1.06E+00	0.00E+00	8.59E-09	4.20E-09	3.21E-04	3.08E-08	9.91E-02	0.00E+00	1.06E+00	2.32E-07	1.06E+00	1.16E+00	9.91E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MBN120P	6.49E-04	1.43E-01	4.42E-03	1.39E-01	2.87E-12	0.00E+00	8.35E-01	1.71E-06	2.79E-04	1.30E-03	0.00E+00	-7.15E-05	1.50E-10	3.39E-09	5.60E-03	2.21E-01	0.00E+00	0.00E+00	6.55E-01	9.91E-04	1.26E+00	0.00E+00	9.94E-09	4.83E-09	3.30E-04	4.93E-08	1.13E-01	0.00E+00	1.26E+00	3.14E-07	1.26E+00	1.38E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MBN125	9.62E-04	1.57E-01	4.81E-03	1.52E-01	0.00E+00	0.00E+00	9.51E-01	1.82E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.96E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.28E-09	3.80E-04	3.59E-08	1.33E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MBN125A	9.56E-04	1.62E-01	4.98E-03	1.57E-01	2.87E-12	0.00E+00	9.87E-01	1.88E-06	4.84E-04	1.45E-03	0.00E+00	-6.83E-05	1.81E-10	5.67E-09	6.13E-03	2.67E-01	0.00E+00	0.00E+00	7.81E-01	9.94E-04	1.33E+00	0.00E+00	1.06E-08	5.36E-09	3.88E-04	3.94E-08	1.37E-01	0.00E+00	1.33E+00	2.64E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
MBN125E	9.62E-04	1.57E-01	4.81E-03	1.52E-01	0.00E+00	0.00E+00	9.51E-01	1.82E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.96E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.28E-09	3.80E-04	3.59E-08	1.33E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MBN125P	1.05E-03	1.60E-01	7.11E-03	1.44E-01	2.87E-12	0.00E+00	1.06E+00	2.55E-06	4.87E-04	1.50E-03	0.00E+00	-1.83E-04	2.00E-10	6.14E-09	7.78E-03	3.27E-01	0.00E+00	0.00E+00	9.56E-01	2.89E-03	1.99E+00	0.00E+00	1.53E-08	7.90E-09	4.42E-04	8.64E-08	1.65E-01	0.00E+00	1.99E+00	5.32E-07	1.99E+00	2.18E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MBN125W	9.62E-04	1.60E-01	5.76E-03	1.56E-01	2.87E-12	0.00E+00	9.44E-01	1.81E-06	4.76E-04	1.44E-03	0.00E+00	-7.70E-05	2.00E-10	5.61E-09	6.07E-03	2.64E-01	0.00E+00	0.00E+00	7.58E-01	9.98E-04	1.31E+00	0.00E+00	1.05E-08	5.26E-09	3.81E-04	3.95E-08	1.32E-01	0.00E+00	1.31E+00	2.98E-07	1.31E+00	1.44E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MBN132	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.67E-09	4.97E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MBN132A	1.54E-03	1.98E-01	6.76E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.23E-04	1.76E-03	0.00E+00	-7.65E-05	2.22E-10	9.92E-09	6.79E-03	3.47E-01	0.00E+00	0.00E+00	8.87E-01	1.09E-03	1.51E+00	0.00E+00	1.24E-08	6.59E-09	4.92E-04	4.00E-08	1.58E-01	0.00E+00	1.51E+00	2.44E-07	1.51E+00	1.67E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MBN132E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.67E-09	4.97E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MBN132P	1.39E-03	1.61E-01	7.28E-03	1.47E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	7.05E-04	1.51E-03	0.00E+00	-1.77E-04	2.06E-10	8.07E-09	7.76E-03	3.61E-01	0.00E+00	0.00E+00	1.00E+00	2.96E-03	1.99E+00	0.00E+00	1.53E-08	7.96E-09	4.60E-04	8.48E-08	1.72E-01	0.00E+00	1.99E+00	5.33E-07	1.99E+00	2.18E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MBN132W	1.43E-03	1.91E-01	7.03E-03	1.83E-01	2.87E-12	0.00E+00	1.12E+00	1.92E-06	8.33E-04	1.60E-03	0.00E+00	-1.88E-04	2.16E-10	8.78E-09	6.81E-03	3.46E-01	0.00E+00	0.00E+00	8.94E-01	3.00E-03	1.48E+00	0.00E+00	1.21E-08	6.58E-09	4.65E-04	8.00E-08	1.60E-01	0.00E+00	1.48E+00	6.56E-07	1.48E+00	1.65E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
MBN140	1.63E-03	1.97E-01	6.79E-03	1.89E-01	2.87E-12	0.00E+00	1.14E+00	1.99E-06	9.38E-04	1.66E-03	0.00E+00	-1.98E-04	2.09E-10	1.05E-08	6.76E-03	3.75E-01	0.00E+00	0.00E+00	9.59E-01	3.12E-03	1.50E+00	0.00E+00	1.23E-08	6.77E-09	4.85E-04	8.11E-08	1.71E-01	0.00E+00	1.50E+00	2.45E-07	1.50E+00	1.68E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MBN140A	1.57E-03	1.99E-01	6.82E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.25E-04	1.76E-03	0.00E+00	-7.65E-05	2.33E-10	9.91E-09	6.79E-03	3.48E-01	0.00E+00	0.00E+00	8.87E-01	1.09E-03	1.51E+00	0.00E+00	1.24E-08	6.61E-09	4.92E-04	4.00E-08	1.59E-01	0.00E+00	1.51E+00	2.42E-07	1.51E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MBN140E	1.65E-03	2.08E-01	6.92E-03	2.00E-01	2.87E-12	0.00E+00	1.15E+00	2.00E-06	9.46E-04	1.69E-03	0.00E+00	-1.83E-04	2.10E-10	1.07E-08	6.78E-03	3.78E-01	0.00E+00	0.00E+00	9.59E-01	3.13E-03	1.51E+00	0.00E+00	1.23E-08	6.78E-09	4.86E-04	8.20E-08	1.71E-01	0.00E+00	1.51E+00	2.45E-07	1.51E+00	1.68E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MBN140P	1.42E-03	1.60E-01	7.30E-03	1.47E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	7.11E-04	1.51E-03	0.00E+00	-1.77E-04	2.06E-10	8.28E-09	7.78E-03	3.66E-01	0.00E+00	0.00E+00	1.00E+00	2.89E-03	1.99E+00	0.00E+00	1.53E-08	7.97E-09	4.60E-04	7.90E-08	1.73E-01	0.00E+00	1.99E+00	5.34E-07	1.99E+00	2.18E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MBN140W	1.47E-03	1.90E-01	7.31E-03	1.82E-01	2.87E-12	0.00E+00	1.14E+00	1.92E-06	9.16E-04	1.61E-03	0.00E+00	-2.03E-04	2.32E-10	9.55E-09	6.81E-03	3.60E-01	0.00E+00	0.00E+00	9.17E-01	3.22E-03	1.49E+00	0.00E+00	1.22E-08	6.66E-09	4.77E-04	8.25E-08	1.64E-01	0.00E+00	1.49E+00	6.56E-07	1.49E+00	1.66E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MBN150	1.72E-03	2.02E-01	7.10E-03	1.97E-01	2.87E-12	0.00E+00	1.21E+00	2.17E-06	1.08E-03	1.83E-03	0.00E+00	-1.09E-04	2.34E-10	1.13E-08	7.33E-03	4.02E-01	0.00E+00	0.00E+00	1.01E+00	1.50E-03	1.64E+00	0.00E+00	1.33E-08	7.30E-09	5.27E-04	4.88E-08	1.77E-01	0.00E+00	1.64E+00	2.63E-07	1.64E+00	1.81E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	3.66E+01

MBN150E	1.72E-03	2.01E-01	7.10E-03	1.97E-01	2.87E-12	0.00E+00	1.21E+00	2.17E-06	1.08E-03	1.82E-03	0.00E+00	-1.09E-04	2.34E-10	1.13E-08	7.33E-03	4.02E-01	0.00E+00	0.00E+00	1.01E+00	1.50E-03	1.64E+00	0.00E+00	1.33E-08	7.29E-09	5.27E-04	4.88E-08	1.77E-01	0.00E+00	1.64E+00	2.63E-07	1.64E+00	1.81E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
MBN150P	1.57E-03	1.61E-01	7.76E-03	1.49E-01	2.87E-12	0.00E+00	1.20E+00	2.62E-06	7.85E-04	1.55E-03	0.00E+00	-3.10E-04	2.28E-10	9.00E-09	7.91E-03	4.02E-01	0.00E+00	0.00E+00	1.06E+00	3.89E-03	2.02E+00	0.00E+00	1.56E-08	8.08E-09	5.25E-04	8.64E-08	1.87E-01	0.00E+00	2.02E+00	5.26E-07	2.02E+00	2.21E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
MBN150W	1.74E-03	2.01E-01	7.10E-03	1.97E-01	2.87E-12	0.00E+00	1.21E+00	2.17E-06	1.08E-03	1.80E-03	0.00E+00	-1.10E-04	2.34E-10	1.14E-08	7.32E-03	4.04E-01	0.00E+00	0.00E+00	1.00E+00	1.53E-03	1.64E+00	0.00E+00	1.33E-08	7.25E-09	5.27E-04	4.89E-08	1.78E-01	0.00E+00	1.64E+00	2.63E-07	1.64E+00	1.81E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.65E+01
MBN163	1.90E-03	2.02E-01	7.21E-03	1.98E-01	2.87E-12	0.00E+00	1.21E+00	2.18E-06	1.25E-03	1.83E-03	0.00E+00	-1.10E-04	2.39E-10	1.26E-08	7.36E-03	4.03E-01	0.00E+00	0.00E+00	1.02E+00	1.51E-03	1.64E+00	0.00E+00	1.33E-08	7.33E-09	5.27E-04	4.91E-08	1.79E-01	0.00E+00	1.64E+00	2.65E-07	1.64E+00	1.82E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	3.69E+01
MBN163A	1.87E-03	2.06E-01	7.64E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	1.41E-03	1.88E-03	0.00E+00	-1.06E-04	2.57E-10	1.25E-08	7.46E-03	3.97E-01	0.00E+00	0.00E+00	1.01E+00	1.49E-03	1.65E+00	0.00E+00	1.35E-08	7.28E-09	5.43E-04	4.88E-08	1.81E-01	0.00E+00	1.65E+00	2.92E-07	1.65E+00	1.83E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+01
MBN163E	1.91E-03	2.05E-01	7.21E-03	1.98E-01	2.87E-12	0.00E+00	1.21E+00	2.20E-06	1.26E-03	1.85E-03	0.00E+00	-1.12E-04	2.40E-10	1.26E-08	7.35E-03	4.10E-01	0.00E+00	0.00E+00	1.03E+00	1.55E-03	1.66E+00	0.00E+00	1.34E-08	7.42E-09	5.37E-04	4.92E-08	1.85E-01	0.00E+00	1.66E+00	2.65E-07	1.66E+00	1.84E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MBN163W	1.92E-03	2.04E-01	7.84E-03	1.94E-01	2.87E-12	0.00E+00	1.21E+00	2.18E-06	1.26E-03	1.84E-03	0.00E+00	-1.10E-04	2.57E-10	1.26E-08	7.37E-03	4.09E-01	0.00E+00	0.00E+00	1.03E+00	1.51E-03	1.66E+00	0.00E+00	1.34E-08	7.43E-09	5.36E-04	4.91E-08	1.84E-01	0.00E+00	1.66E+00	2.65E-07	1.66E+00	1.84E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
MBN206	1.35E-03	3.00E-01	8.63E-03	2.91E-01	2.87E-12	0.00E+00	1.66E+00	3.36E-06	5.59E-04	2.62E-03	0.00E+00	-2.04E-04	2.88E-10	7.08E-09	1.10E-02	4.38E-01	0.00E+00	0.00E+00	1.28E+00	2.90E-03	2.47E+00	0.00E+00	1.93E-08	9.05E-09	6.79E-04	8.40E-08	2.24E-01	0.00E+00	2.47E+00	7.38E-07	2.47E+00	2.67E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
MBN206E	1.32E-03	2.99E-01	8.61E-03	2.91E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.59E-04	2.60E-03	0.00E+00	-2.03E-04	2.86E-10	6.97E-09	1.10E-02	4.28E-01	0.00E+00	0.00E+00	1.23E+00	2.72E-03	2.28E+00	0.00E+00	1.84E-08	8.91E-09	6.74E-04	8.89E-08	2.20E-01	0.00E+00	2.28E+00	4.46E-07	2.28E+00	2.50E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01
MBN206P	2.51E-03	3.74E-01	1.21E-02	3.56E-01	2.87E-12	0.00E+00	2.21E+00	4.57E-06	5.77E-04	3.31E-03	0.00E+00	-2.36E-04	4.00E-10	1.16E-08	1.54E-02	6.11E-01	0.00E+00	0.00E+00	1.80E+00	4.02E-03	3.56E+00	0.00E+00	2.84E-08	1.43E-08	9.38E-04	1.29E-07	3.35E-01	0.00E+00	3.56E+00	6.16E-07	3.56E+00	3.75E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
MBN210	1.36E-03	2.97E-01	8.47E-03	2.88E-01	2.87E-12	0.00E+00	1.67E+00	3.40E-06	6.02E-04	2.60E-03	0.00E+00	-1.57E-04	3.05E-10	7.42E-09	1.12E-02	4.50E-01	0.00E+00	0.00E+00	1.32E+00	2.22E-03	2.49E+00	0.00E+00	1.95E-08	9.22E-09	6.77E-04	7.35E-08	2.30E-01	0.00E+00	2.49E+00	7.52E-07	2.49E+00	2.70E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MBN210E	1.34E-03	2.97E-01	8.28E-03	2.89E-01	0.00E+00	0.00E+00	1.68E+00	3.21E-06	5.64E-04	2.60E-03	0.00E+00	-1.45E-04	3.07E-10	7.08E-09	1.12E-02	4.38E-01	0.00E+00	0.00E+00	1.29E+00	1.95E-03	2.35E+00	0.00E+00	1.88E-08	9.18E-09	6.79E-04	7.04E-08	2.27E-01	0.00E+00	2.35E+00	4.98E-07	2.35E+00	2.58E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MBN210P	2.45E-03	3.79E-01	1.21E-02	3.61E-01	2.87E-12	0.00E+00	2.20E+00	4.54E-06	7.34E-04	3.34E-03	0.00E+00	-2.33E-04	3.99E-10	1.18E-08	1.54E-02	5.88E-01	0.00E+00	0.00E+00	1.79E+00	4.07E-03	3.54E+00	0.00E+00	2.82E-08	1.43E-08	9.38E-04	1.29E-07	3.33E-01	0.00E+00	3.54E+00	6.03E-07	3.54E+00	3.74E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
MBN213	1.45E-03	3.01E-01	8.58E-03	2.91E-01	2.87E-12	0.00E+00	1.71E+00	3.29E-06	6.58E-04	2.63E-03	0.00E+00	-1.49E-04	3.09E-10	7.98E-09	1.12E-02	4.50E-01	0.00E+00	0.00E+00	1.34E+00	1.99E-03	2.40E+00	0.00E+00	1.91E-08	9.45E-09	6.89E-04	7.30E-08	2.36E-01	0.00E+00	2.40E+00	4.85E-07	2.40E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MBN213E	1.46E-03	3.02E-01	8.67E-03	2.93E-01	2.87E-12	0.00E+00	1.74E+00	3.45E-06	6.65E-04	2.67E-03	0.00E+00	-1.56E-04	3.23E-10	7.98E-09	1.14E-02	4.68E-01	0.00E+00	0.00E+00	1.35E+00	2.20E-03	2.54E+00	0.00E+00	1.99E-08	9.56E-09	7.09E-04	7.31E-08	2.38E-01	0.00E+00	2.54E+00	7.99E-07	2.54E+00	2.76E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MBN216	1.49E-03	3.01E-01	8.64E-03	2.92E-01	2.87E-12	0.00E+00	1.73E+00	3.30E-06	6.74E-04	2.64E-03	0.00E+00	-1.49E-04	3.20E-10	8.03E-09	1.14E-02	4.64E-01	0.00E+00	0.00E+00	1.34E+00	1.99E-03	2.41E+00	0.00E+00	1.92E-08	9.50E-09	6.98E-04	7.30E-08	2.36E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.79E+01
MBN216A	1.99E-03	3.14E-01	1.08E-02	3.01E-01	2.87E-12	0.00E+00	2.03E+00	3.75E-06	7.17E-04	2.77E-03	0.00E+00	-1.64E-04	3.89E-10	9.96E-09	1.33E-02	5.23E-01	0.00E+00	0.00E+00	1.55E+00	2.36E-03	2.91E+00	0.00E+00	2.33E-08	1.17E-08	8.60E-04	9.79E-08	2.75E-01	0.00E+00	2.91E+00	5.98E-07	2.91E+00	3.28E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	5.59E+01
MBN216E	1.47E-03	3.01E-01	8.58E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.09E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.47E-09	6.96E-04	7.07E-08	2.35E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MBN216P	1.37E-03	2.35E-01	7.88E-03	2.23E-01	2.87E-12	0.00E+00	1.69E+00	3.74E-06	5.90E-04	2.17E-03	0.00E+00	-1.31E-04	3.03E-10	7.37E-09	1.18E-02	4.55E-01	0.00E+00	0.00E+00	1.40E+00	1.81E-03	2.79E+00	0.00E+00	2.15E-08	1.04E-08	6.20E-04	5.99E-08	2.44E-01	0.00E+00	2.79E+00	8.00E-07	2.79E+00	3.03E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
MBN220	1.66E-03	3.08E-01	8.38E-03	2.97E-01	2.87E-12	0.00E+00	1.78E+00	3.39E-06	7.81E-04	2.73E-03	0.00E+00	-1.46E-04	3.12E-10	9.87E-09	1.14E-02	4.90E-01	0.00E+00	0.00E+00	1.41E+00	2.04E-03	2.47E+00	0.00E+00	1.97E-08	9.79E-09	7.32E-04	7.57E-08	2.49E-01	0.00E+00	2.47E+00	4.86E-07	2.47E+00	2.71E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MBN220A	2.01E-03	3.16E-01	1.03E-02	3.03E-01	2.87E-12	0.00E+00	2.05E+00	3.78E-06	7.56E-04	2.78E-03	0.00E+00	-1.63E-04	3.85E-10	1.00E-08	1.33E-02	5.28E-01	0.00E+00	0.00E+00	1.59E+00	2.35E-03	2.92E+00	0.00E+00	2.35E-08	1.18E-08	8.67E-04	9.32E-08	2.78E-01	0.00E+00	2.92E+00	5.97E-07	2.92E+00	3.29E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
MBN220E	1.66E-03	3.07E-01	8.39E-03	2.97E-01	2.87E-12	0.00E+00	1.78E+00	3.34E-06	7.81E-04	2.73E-03	0.00E+00	-1.55E-04	3.06E-10	9.83E-09	1.14E-02	4.90E-01	0.00E+00	0.00E+00	1.41E+00	2.06E-03	2.45E+00	0.00E+00	1.97E-08	9.79E-09	7.30E-04	7.58E-08	2.49E-01	0.00E+00	2.45E+00	4.86E-07	2.45E+00	2.70E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MBN220P	2.48E-03	3.79E-01	1.19E-02	3.59E-01	2.87E-12	0.00E+00	2.21E+00	4.58E-06	7.71E-04	3.35E-03	0.00E+00	-2.41E-04	3.96E-10	1.23E-08	1.54E-02	5.96E-01	0.00E+00	0.00E+00	1.81E+00	3.61E-03	3.61E+00	0.00E+00	2.84E-08	1.45E-08	9.39E-04	1.16E-07	3.35E-01	0.00E+00	3.61E+00	6.72E-07	3.61E+00	3.77E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MBN225	1.90E-03	3.16E-01	9.51E-03	3.05E-01	2.87E-12	0.00E+00	1.89E+00	3.52E-06	9.94E-04	2.77E-03	0.00E+00	-1.93E-04	3.22E-10	1.16E-08	1.19E-02	5.28E-01	0.00E+00	0.00E+00	1.49E+00	2.61E-03	2.54E+00	0.00E+00	2.03E-08	1.03E-08	7.53E-04	8.44E-08	2.62E-01	0.00E+00	2.54E+00	4.59E-07	2.54E+00	2.80E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01
MBN225A	2.12E-03	3.25E-01	1.03E-02	3.11E-01	2.87E-12	0.00E+00	2.05E+00	3.79E-06	1.00E-03	2.87E-03	0.00E+00	-1.57E-04	3.75E-10	1.17E-08	1.32E-02	5.35E-01	0.00E+00	0.00E+00	1.62E+00	2.20E-03	2.96E+00	0.00E+00	2.37E-08	1.21E-08	8.91E-04	9.58E-08	2.86E-01	0.00E+00	2.96E+00	4.60E-07	2.96E+00	3.34E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MBN225E	1.90E-03	3.16E-01	9.50E-03	3.05E-01	2.87E-12	0.00E+00	1.89E+00	3.53E-06	9.94E-04	2.77E-03	0.00E+00	-1.93E-04	3.22E-10	1.16E-08	1.19E-02	5.28E-01	0.00E+00	0.00E+00	1.49E+00	2.61E-03	2.54E+00	0.00E+00	2.03E-08	1.03E-08	7.53E-04	8.44E-08	2.62E-01	0.00E+00	2.54E+00	4.59E-07	2.54E+00	2.80E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MBN225P	2.54E-03	3.77E-01	1.20E-02	3.56E-01	2.87E-12	0.00E+00	2.21E+00	4.63E-06	1.14E-03	3.35E-03	0.00E+00	-2.41E-04	3.96E-10	1.36E-08	1.54E-02	6.20E-01	0.00E+00	0.00E+00	1.83E+00	3.78E-03	3.69E+00	0.00E+00	2.91E-08	1.45E-08	9.40E-04	1.17E-07	3.39E-01	0.00E+00	3.69E+00	7.28E-07	3.69E+00	3.81E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
MBN232	3.27E-03	3.83E-01	1.24E-02	3.67E-01	2.87E-12	0.00E+00	2.36E+00	4.37E-06	1.79E-03	3.54E-03	0.00E+00	-2.14E-04	3.79E-10	2.06E-08	1.45E-02	7.80E-01	0.00E+00	0.00E+00	1.92E+00	3.33E-03	3.27E+00	0.00E+00	2.65E-08	1.46E-08	9.52E-04	1.14E-07	3.49E-01	0.00E+00	3.27E+00	5.64E-07	3.27E+00	3.59E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.07E+01
MBN232A	3.20E-03	3.94E-01	1.22E-02	3.79E-01	2.87E-12	0.00E+00	2.15E+00	3.90E-06	1.86E-03	3.50E-03	0.00E+00	-1.60E-04	4.16E-10	2.08E-08	1.36E-02	7.20E-01	0.00E+00	0.00E+00	1.82E+00	2.13E-03	3.01E+00	0.00E+00	2.44E-08	1.32E-08	9.80E-04	9.67E-08	3.23E-01	0.00E+00	3.01E+00	4.83E-07	3.01E+00	3.33E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MBN232E	3.19E-03	3.87E-01	1.12E-02	3.72E-01	2.87E-12	0.00E+00	2.11E+00	3.90E-06	1.83E-03	3.41E-03	0.00E+00	-1.67E-04	3.76E-10	2.05E-08	1.37E-02	7.15E-01	0.00E+00	0.00E+00	1.80E+00	2.31E-03	2.97E+00	0.00E+00	2.40E-08	1.29E-08	9.77E-04	1.00E-07	3.20E-01	0.00E+00	2.97E+00	4.61E-07	2.97E+00	3.29E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
MBN232P	3.03E-03	3.82E-01	1.35E-02	3.61E-01	2.87E-12	0.00E+00	2.23E+00	4.66E-06	1.55E-03	3.35E-03	0.00E+00	-2.90E-04	4.29E-10	1.78E-08	1.54E-02	7.38E-01	0.00E+00	0.00E+00	2.00E+00	3.97E-03	3.70E+00	0.00E+00	2.92E-08	1.52E-08	9.41E-04	1.20E-07	3.50E-01	0.00E+00	3.70E+00	7.31E-07	3.70E+00	3.87E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.38E+01
MBN240	3.67E-03	3.83E-01	1.31E-02	3.71E-01	2.87E-12	0.00E+00	2.35E+00	4.36E-06	2.08E-03	3.47E-03	0.00E+00	-2.51E-04	3.81E-10	2.48E-08	1.44E-02	7.92E-01	0.00E+00	0.00E+00	1.93E+00	3.80E-03	3.23E+00	0.00E+00	2.62E-08	1.46E-08	9.84E-04	1.24E-07	3.48E-01	0.00E+00	3.23E+00	5.60E-07	3.23E+00	3.54E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBN240A	3.24E-03	3.98E-01	1.28E-02	3.87E-01	2.87E-12	0.00E+00	2.16E+00	3.95E-06	1.81E-03	3.53E-03	0.00E+00	-2.25E-04	4.23E-10	2.07E-08	1.38E-02	7.25E-01	0.00E+00	0.00E+00	1.85E+00	3.06E-03	3.03E+00	0.00E+00	2.48E-08	1.33E-08	9.84E-04	1.08E-07	3.26E-01	0.00E+00	3.03E+00	5.64E-07	3.03E+00	3.36E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MBN240E	3.20E-03	3.90E-01	1.28E-02	3.76E-01	2.87E-12	0.00E+00	2.13E+00	3.96E-06	1.78E-03	3.42E-03	0.00E+00	-2.36E-04	4.21E-10	2.08E-08	1.41E-02	7.21E-01	0.00E+00	0.00E+00	1.83E+00	3.27E-03	2.99E+00	0.00E+00	2.43E-08	1.30E-08	9.74E-04	1.12E-07	3.23E-01	0.00E+00	2.99E+00	5.73E-07	2.99E+00	3.33E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MBN240P	3.03E-03	3.82E-01	1.40E-02	3.61E-01	2.87E-12	0.00E+00	2.23E+00	4.67E-06	1.56E-03	3.35E-03	0.00E+00	-3.23E-04	4.31E-10	1.80E-08	1.54E-02	7.56E-01	0.00E+00	0.00E+00	2.00E+00	4.39E-03	3.70E+00	0.00E+00	2.92E-08	1.54E-08	9.44E-04	1.26E-07	3.50E-01	0.00E+00	3.70E+00	7.46E-07	3.70E+00	3.87E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.44E+01
MBN250	3.62E-03	3.90E-01	1.21E-02	3.73E-01	2.87E-12	0.00E+00	2.32E+00	4.34E-06	2.11E-03	3.42E-03	0.00E+00	-2.77E-04	3.50E-10	2.37E-08	1.40E-02	7.93E-01	0.00E+00	0.00E+00	1.93E+00	3.79E-03	3.21E+00	0.00E+00	2.52E-08	1.44E-08	9.82E-04	1.25E-07	3.50E-01	0.00E+00	3.21E+00	4.47E-07	3.21E+00	3.47E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MBN250A	3.66E-03	4.09E-01	1.38E-02	3.91E-01	2.87E-12	0.00E+00	2.35E+00	4.22E-06	2.12E-03	3.64E-03	0.00E+00	-2.19E-04	4.57E-10	2.42E-08	1.43E-02	8.05E-01	0.00E+00	0.00E+00	1.93E+00	2.94E-03	3.17E+00	0.00E+00	2.58E-08	1.34E-08	9.56E-04	1.09E-07	3.26E-01	0.00E+00	3.17E+00	5.00E-07	3.17E+00	3.52E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
MBN250E	3.67E-03	4.03E-01	1.38E-02	3.88E-01	2.87E-12	0.00E+00	2.33E+00	4.26E-06	2.09E-03	3.62E-03	0.00E+00	-2.32E-04	4.56E-10	2.45E-08	1.46E-02	8.04E-01	0.00E+00	0.00E+00	1.93E+00	3.09E-03	3.14E+00	0.00E+00	2.56E-08	1.32E-08	9.50E-04	1.12E-07	3.24E-01	0.00E+00	3.14E+00	5.76E-07	3.14E+00	3.50E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MBN250P	3.17E-03	3.41E-01	1.49E-02	3.25E-01	2.87E-12	0.00E+00	2.33E+00	4.68E-06	1.64E-03	3.23E-03	0.00E+00	-5.21E-04	4.42E-10	1.93E-08	1.57E-02	7.94E-01	0.00E+00	0.00E+00	2.04E+00	5.57E-03	3.72E+00	0.00E+00	2.93E-08	1.56E-08	9.54E-04	1.84E-07	3.61E-01	0.00E+00	3.72E+00	6.84E-07	3.72E+00	3.89E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
MBN263	5.17E-03	3.91E-01	1.37E-02	3.76E-01	2.87E-12	0.00E+00	2.34E+00	4.36E-06	3.04E-03	3.41E-03	0.00E+00	-3.31E-04	3.75E-10	3.39E-08	1.40E-02	8.07E-01	0.00E+00	0.00E+00	2.00E+00	3.90E-03	3.22E+00	0.00E+00	2.52E-08	1.45E-08	9.81E-04	1.45E-07	3.54E-01	0.00E+00	3.22E+00	4.64E-07	3.22E+00	3.47E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MBN263A	3.78E-03	4.07E-01	1.43E-02	3.93E-01	2.87E-12	0.00E+00	2.35E+00	4.25E-06	2.16E-03	3.64E-03	0.00E+00	-2.26E-04	4.66E-10	2.50E-08	1.43E-02	8.09E-01	0.00E+00	0.00E+00	1.94E+00	3.05E-03	3.19E+00	0.00E+00	2.58E-08	1.34E-08	9.59E-04	1.14E-07	3.26E-01	0.00E+00	3.19E+00	5.95E-07	3.19E+00	3.53E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MBN263E	3.80E-03	4.01E-01	1.29E-02	3.85E-01	2.87E-12	0.00E+00	2.33E+00	4.26E-06	2.24E-03	3.58E-03	0.00E+00	-2.33E-04	4.13E-10	2.56E-08	1.44E-02	8.09E-01	0.00E+00	0.00E+00	1.94E+00	3.13E-03	3.14E+00	0.00E+00	2.54E-08	1.32E-08	9.54E-04	1.16E-07	3.27E-01	0.00E+00	3.14E+00	4.90E-07	3.14E+00	3.49E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MBN263P	3.22E-03	3.35E-01	1.54E-02	3.17E-01	2.87E-12	0.00E+00	2.34E+00	4.74E-06	1.64E-03	3.21E-03	0.00E+00	-5.70E-04	4.42E-10	2.03E-08	1.58E-02	8.00E-01	0.00E+00	0.00E+00	2.10E+00	6.58E-03	3.75E+00	0.00E+00	2.95E-08	1.59E-08	9.56E-04	2.10E-07	3.68E-01	0.00E+00	3.75E+00	8.11E-07	3.75E+00	3.93E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
MBN306	2.09E-03	4.48E-01	1.32E-02	4.34E-01	2.87E-12	0.00E+00	2.46E+00	4.61E-06	8.97E-04	3.92E-03	0.00E+00	-2.77E-04	4.31E-10	1.10E-08	1.63E-02	6.57E-01	0.00E+00	0.00E+00	1.86E+00	3.64E-03	3.42E+00	0.00E+00	2.74E-08	1.34E-08	1.02E-03	1.23E-07	3.32E-01	0.00E+00	3.42E+00	6.75E-07	3.42E+00	3.74E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.65E+01
MBN306A	2.16E-03	4.51E-01	1.26E-02	4.37E-01	2.87E-12	0.00E+00	2.56E+00	4.78E-06	8.98E-04	3.99E-03	0.00E+00	-2.50E-04	4.47E-10	1.11E-08	1.67E-02	6.65E-01	0.00E+00	0.00E+00	1.91E+00	3.20E-03	3.53E+00	0.00E+00	2.83E-08	1.37E-08	1.03E-03	1.17E-07	3.41E-01	0.00E+00	3.53E+00	7.02E-07	3.53E+00	3.89E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MBN306E	1.97E-03	4.47E-01	1.27E-02	4.35E-01	0.00E+00	0.00E+00	2.47E+00	4.63E-06	8.38E-04	3.89E-03	0.00E+00	-2.76E-04	4.29E-10	1.04E-08	1.64E-02	6.41E-01	0.00E+00	0.00E+00	1.85E+00	3.69E-03	3.41E+00	0.00E+00	2.74E-08	1.33E-08	1.01E-03	1.24E-07	3.29E-01	0.00E+00	3.41E+00	6.66E-07	3.41E+00	3.74E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MBN306P	2.95E-03	4.85E-01	1.67E-02	4.74E-01	2.87E-12	0.00E+00	2.93E+00	6.54E-06	1.03E-03	4.35E-03	0.00E+00	-4.33E-04	5.62E-10	1.38E-08	2.16E-02	8.65E-01	0.00E+00	0.00E+00	2.37E+00	6.85E-03	4.93E+00	0.00E+00	3.90E-08	1.93E-08	1.27E-03	1.89E-07	4.21E-01	0.00E+00	4.93E+00	9.13E-07	4.93E+00	5.56E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
MBN310	2.01E-03	4.45E-01	1.24E-02	4.32E-01	0.00E+00	0.00E+00	2.51E+00	4.81E-06	8.45E-04	3.89E-03	0.00E+00	-2.18E-04	4.60E-10	1.06E-08	1.67E-02	6.55E-01	0.00E+00	0.00E+00	1.94E+00	2.92E-03	3.52E+00	0.00E+00	2.81E-08	1.37E-08	1.02E-03	1.05E-07	3.40E-01	0.00E+00	3.52E+00	7.43E-07	3.52E+00	3.86E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
MBN310A	2.26E-03	4.55E-01	1.27E-02	4.41E-01	2.87E-12	0.00E+00	2.65E+00	4.97E-06	1.03E-03	4.07E-03	0.00E+00	-2.22E-04	4.77E-10	1.21E-08	1.72E-02	6.67E-01	0.00E+00	0.00E+00	1.98E+00	2.90E-03	3.63E+00	0.00E+00	2.91E-08	1.43E-08	1.06E-03	1.07E-07	3.55E-01	0.00E+00	3.63E+00	7.40E-07	3.63E+00	3.99E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MBN310E	2.01E-03	4.45E-01	1.24E-02	4.32E-01	0.00E+00	0.00E+00	2.51E+00	4.81E-06	8.45E-04	3.89E-03	0.00E+00	-2.18E-04	4.60E-10	1.06E-08	1.67E-02	6.55E-01	0.00E+00	0.00E+00	1.94E+00	2.92E-03	3.52E+00	0.00E+00	2.81E-08	1.37E-08	1.02E-03	1.05E-07	3.40E-01	0.00E+00	3.52E+00	7.43E-07	3.52E+00	3.86E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
MBN310P	2.97E-03	4.76E-01	1.67E-02	4.69E-01	2.87E-12	0.00E+00	2.96E+00	6.46E-06	1.19E-03	4.18E-03	0.00E+00	-4.34E-04	5.44E-10	1.46E-08	2.13E-02	8.67E-01	0.00E+00	0.00E+00	2.37E+00	6.89E-03	4.90E+00	0.00E+00	3.87E-08	1.93E-08	1.24E-03	1.90E-07	4.19E-01	0.00E+00	4.90E+00	8.89E-07	4.90E+00	5.53E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	8.62E+01
MBN313	2.23E-03	4.49E-01	2.44E-02	4.38E-01	2.87E-12	0.00E+00	2.57E+00	4.90E-06	1.05E-03	3.94E-03	0.00E+00	-2.19E-04	4.62E-10	1.24E-08	1.70E-02	6.43E-01	0.00E+00	0.00E+00	1.93E+00	2.92E-03	3.58E+00	0.00E+00	2.86E-08	1.41E-08	1.03E-03	1.07E-07	3.49E-01	0.00E+00	3.58E+00	7.62E-07	3.58E+00	3.93E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MBN313E	2.22E-03	4.52E-01	1.27E-02	4.39E-01	2.87E-12	0.00E+00	2.60E+00	4.97E-06	1.01E-03	3.96E-03	0.00E+00	-2.19E-04	4.76E-10	1.21E-08	1.71E-02	6.67E-01	0.00E+00	0.00E+00	1.99E+00	2.93E-03	3.62E+00	0.00E+00	2.89E-08	1.42E-08	1.04E-03	1.07E-07	3.53E-01	0.00E+00	3.62E+00	7.47E-07	3.62E+00	3.97E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MBN316	2.21E-03	4.50E-01	1.29E-02	4.37E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	9.88E-04	3.95E-03	0.00E+00	-2.18E-04	4.74E-10	1.21E-08	1.70E-02	6.87E-01	0.00E+00	0.00E+00	2.01E+00	2.93E-03	3.60E+00	0.00E+00	2.87E-08	1.42E-08	1.04E-03	1.06E-07	3.53E-01	0.00E+00	3.60E+00	7.45E-07	3.60E+00	3.95E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
MBN316A	2.42E-03	4.56E-01	1.32E-02	4.42E-01	2.87E-12	0.00E+00	2.66E+00	5.02E-06	1.08E-03	4.08E-03	0.00E+00	-2.24E-04	4.89E-10	1.34E-08	1.73E-02	7.04E-01	0.00E+00	0.00E+00	2.03E+00	2.92E-03	3.64E+00	0.00E+00	2.91E-08	1.44E-08	1.07E-03	1.09E-07	3.59E-01	0.00E+00	3.64E+00	7.51E-07	3.64E+00	4.00E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MBN316E	1.87E-03	4.09E-01	1.03E-02	3.99E-01	0.00E+00	0.00E+00	2.16E+00	4.03E-06	8.25E-04	3.57E-03	0.00E+00	-1.26E-04	3.54E-10	9.89E-09	1.41E-02	5.71E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.07E+00	0.00E+00	2.49E-08	1.21E-08	9.29E-04	7.25E-08	2.90E-01	0.00E+00	3.07E+00	6.17E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MBN316P	1.99E-03	4.12E-01	1.30E-02	4.04E-01	2.87E-12	0.00E+00	2.27E+00	4.32E-06	9.62E-04	3.63E-03	0.00E+00	-2.06E-04	4.40E-10	1.10E-08	1.50E-02	6.24E-01	0.00E+00	0.00E+00	1.75E+00	2.50E-03	3.24E+00	0.00E+00	2.62E-08	1.27E-08	9.56E-04	9.76E-08	3.10E-01	0.00E+00	3.24E+00	6.78E-07	3.24E+00	3.53E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
MBN320	2.45E-03	4.58E-01	1.35E-02	4.44E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.03E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.58E-07	3.71E+00	4.08E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN320A	2.64E-03	4.59E-01	2.51E-02	4.48E-01	2.87E-12	0.00E+00	2.73E+00	5.17E-06	1.30E-03	4.06E-03	0.00E+00	-2.14E-04	4.99E-10	1.54E-08	1.76E-02	7.34E-01	0.00E+00	0.00E+00	2.11E+00	2.76E-03	3.70E+00	0.00E+00	2.94E-08	1.47E-08	1.08E-03	1.05E-07	3.72E-01	0.00E+00	3.70E+00	3.76E-07	3.70E+00	4.06E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN320E	2.45E-03	4.58E-01	1.35E-02	4.44E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.03E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.58E-07	3.71E+00	4.08E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN320P	3.24E-03	5.14E-01	1.78E-02	4.90E-01	2.87E-12	0.00E+00	3.04E+00	6.70E-06	1.46E-03	4.62E-03	0.00E+00	-4.64E-04	5.96E-10	1.78E-08	2.22E-02	9.43E-01	0.00E+00	0.00E+00	2.67E+00	7.00E-03	5.01E+00	0.00E+00	4.00E-08	2.09E-08	1.37E-03	1.96E-07	4.69E-01	0.00E+00	5.01E+00	9.53E-07	5.01E+00	5.65E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.84E+01
MBN325	2.85E-03	4.74E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.88E-01	0.00E+00	0.00E+00	2.22E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.05E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
MBN325A	2.93E-03	4.85E-01	2.60E-02	4.71E-01	2.87E-12	0.00E+00	2.84E+00	5.36E-06	1.55E-03	4.23E-03	0.00E+00	-2.35E-04	5.24E-10	1.75E-08	1.81E-02	7.88E-01	0.00E+00	0.00E+00	2.22E+00	2.99E-03	3.81E+00	0.00E+00	3.05E-08	1.53E-08	1.13E-03	1.14E-07	3.93E-01	0.00E+00	3.81E+00	3.63E-07	3.81E+00	4.19E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	8.01E+01
MBN325E	2.85E-03	4.74E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.88E-01	0.00E+00	0.00E+00	2.22E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.05E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
MBN325P	3.31E-03	5.10E-01	1.79E-02	4.89E-01	2.87E-12	0.00E+00	3.11E+00	6.76E-06	1.52E-03	4.60E-03	0.00E+00	-4.73E-04	5.98E-10	1.82E-08	2.23E-02	9.43E-01	0.00E+00	0.00E+00	2.75E+00	7.04E-03	5.03E+00	0.00E+00	4.01E-08	2.15E-08	1.39E-03	1.98E-07	4.81E-01	0.00E+00	5.03E+00	1.17E-06	5.03E+00	5.68E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN332	4.83E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.46E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.83E-01	0.00E+00	4.46E+00	7.23E-07	4.46E+00	4.95E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN332A	5.34E-03	5.67E-01	2.10E-02	5.53E-01	2.87E-12	0.00E+00	3.72E+00	6.21E-06	3.02E-03	5.13E-03	0.00E+00	-5.03E-04	6.39E-10	3.48E-08	2.08E-02	1.22E+00	0.00E+00	0.00E+00	3.23E+00	7.37E-03	4.58E+00	0.00E+00	3.80E-08	2.20E-08	1.53E-03	2.20E-07	5.74E-01	0.00E+00	4.58E+00	7.46E-07	4.58E+00	4.95E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MBN332E	4.83E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.46E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.83E-01	0.00E+00	4.46E+00	7.23E-07	4.46E+00	4.95E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN332P	4.53E-03	5.13E-01	2.02E-02	4.89E-01	2.87E-12	0.00E+00	3.42E+00	6.85E-06	2.39E-03	4.60E-03	0.00E+00	-5.20E-04	6.08E-10	2.83E-08	2.27E-02	1.10E+00	0.00E+00	0.00E+00	2.91E+00	7.10E-03	5.14E+00	0.00E+00	4.10E-08	2.28E-08	1.41E-03	2.09E-07	5.13E-01	0.00E+00	5.14E+00	1.16E-06	5.14E+00	5.82E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MBN340	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.82E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.93E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN340A	5.39E-03	5.69E-01	2.21E-02	5.53E-01	2.87E-12	0.00E+00	3.83E+00	6.39E-06	3.21E-03	5.14E-03	0.00E+00	-6.75E-04	6.44E-10	3.55E-08	2.18E-02	1.22E+00	0.00E+00	0.00E+00	3.26E+00	7.53E-03	4.61E+00	0.00E+00	3.82E-08	2.22E-08	1.57E-03	2.41E-07	5.80E-01	0.00E+00	4.61E+00	7.45E-07	4.61E+00	4.97E+00	5.80E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN340E	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.82E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.93E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN340P	4.54E-03	4.99E-01	2.10E-02	4.68E-01	2.87E-12	0.00E+00	3.41E+00	6.86E-06	2.40E-03	4.53E-03	0.00E+00	-6.01E-04	6.04E-10	2.83E-08	2.27E-02	1.10E+00	0.00E+00	0.00E+00	2.93E+00	7.75E-03	5.16E+00	0.00E+00	4.10E-08	2.28E-08	1.41E-03	2.27E-07	5.16E-01	0.00E+00	5.16E+00	1.18E-06	5.16E+00	5.84E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
MBN350	5.72E-03	5.99E-01	3.09E-02	5.77E-01	2.87E-12	0.00E+00	3.53E+00	6.25E-06	3.48E-03	5.39E-03	0.00E+00	-3.42E-04	6.85E-10	3.78E-08	2.16E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.57E-03	4.62E+00	0.00E+00	3.73E-08	2.17E-08	1.59E-03	1.55E-07	5.51E-01	0.00E+00	4.62E+00	3.81E-07	4.62E+00	5.13E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MBN350A	5.74E-03	6.08E-01	2.14E-02	5.88E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	3.48E-03	5.48E-03	0.00E+00	-3.57E-04	6.84E-10	3.81E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.83E-03	4.89E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.52E-01	0.00E+00	4.89E+00	7.53E-07	4.89E+00	5.45E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MBN350E	5.71E-03	6.05E-01	2.12E-02	5.84E-01	0.00E+00	0.00E+00	3.61E+00	6.61E-06	3.48E-03	5.43E-03	0.00E+00	-3.42E-04	6.87E-10	3.78E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.11E+00	4.57E-03	4.88E+00	0.00E+00	3.93E-08	2.17E-08	1.58E-03	1.55E-07	5.48E-01	0.00E+00	4.88E+00	7.42E-07	4.88E+00	5.43E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MBN350P	5.09E-03	4.71E-01	2.54E-02	4.43E-01	2.87E-12	0.00E+00	3.64E+00	7.58E-06	2.76E-03	4.56E-03	0.00E+00	-9.63E-04	6.17E-10	3.20E-08	2.40E-02	1.23E+00	0.00E+00	0.00E+00	3.18E+00	9.98E-03	5.55E+00	0.00E+00	4.33E-08	2.39E-08	1.42E-03	3.67E-07	5.58E-01	0.00E+00	5.55E+00	1.03E-06	5.55E+00	6.16E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MBN363	5.79E-03	6.08E-01	2.15E-02	5.86E-01	2.87E-12	0.00E+00	3.65E+00	6.69E-06	3.51E-03	5.47E-03	0.00E+00	-3.57E-04	7.04E-10	3.84E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.19E+00	4.81E-03	4.91E+00	0.00E+00	3.94E-08	2.20E-08	1.60E-03	1.70E-07	5.60E-01	0.00E+00	4.91E+00	7.64E-07	4.91E+00	5.47E+00	5.60E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN363A	5.79E-03	6.10E-01	2.16E-02	5.91E-01	2.87E-12	0.00E+00	3.66E+00	6.74E-06	3.51E-03	5.52E-03	0.00E+00	-3.57E-04	7.05E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.83E-03	4.96E+00	0.00E+00	3.99E-08	2.20E-08	1.60E-03	1.70E-07	5.60E-01	0.00E+00	4.96E+00	7.72E-07	4.96E+00	5.52E+00	5.60E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN363E	5.78E-03	6.09E-01	2.14E-02	5.88E-01	0.00E+00	0.00E+00	3.65E+00	6.73E-06	3.52E-03	5.47E-03	0.00E+00	-3.42E-04	7.14E-10	3.83E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	4.57E-03	4.93E+00	0.00E+00	3.96E-08	2.20E-08	1.59E-03	1.55E-07	5.57E-01	0.00E+00	4.93E+00	7.65E-07	4.93E+00	5.49E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MBN363P	5.11E-03	4.60E-01	2.53E-02	4.42E-01	2.87E-12	0.00E+00	3.66E+00	7.74E-06	2.79E-03	4.56E-03	0.00E+00	-9.68E-04	6.37E-10	3.20E-08	2.47E-02	1.23E+00	0.00E+00	0.00E+00	3.21E+00	1.13E-02	5.58E+00	0.00E+00	4.37E-08	2.41E-08	1.42E-03	3.68E-07	5.63E-01	0.00E+00	5.58E+00	1.20E-06	5.58E+00	6.21E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN406	2.83E-03	5.95E-01	1.68E-02	5.82E-01	2.87E-12	0.00E+00	3.41E+00	6.33E-06	1.09E-03	5.25E-03	0.00E+00	-3.81E-04	5.93E-10	1.41E-08	2.22E-02	8.58E-01	0.00E+00	0.00E+00	2.54E+00	5.01E-03	4.72E+00	0.00E+00	3.79E-08	1.79E-08	1.36E-03	1.59E-07	4.51E-01	0.00E+00	4.72E+00	9.96E-07	4.72E+00	5.17E+00	4.51E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
MBN406E	2.80E-03	5.94E-01	1.68E-02	5.78E-01	2.87E-12	0.00E+00	3.35E+00	6.27E-06	1.09E-03	5.21E-03	0.00E+00	-3.81E-04	5.87E-10	1.40E-08	2.20E-02	8.55E-01	0.00E+00	0.00E+00	2.42E+00	5.01E-03	4.62E+00	0.00E+00	3.71E-08	1.78E-08	1.36E-03	1.60E-07	4.38E-01	0.00E+00	4.62E+00	8.59E-07	4.62E+00	5.04E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
MBN406P	4.86E-03	6.08E-01	2.53E-02	5.67E-01	2.87E-12	0.00E+00	4.39E+00	8.11E-06	1.16E-03	5.34E-03	0.00E+00	-5.91E-04	8.20E-10	2.05E-08	2.74E-02	1.38E+00	0.00E+00	0.00E+00	3.77E+00	7.56E-03	6.08E+00	0.00E+00	4.92E-08	2.59E-08	1.53E-03	2.15E-07	6.65E-01	0.00E+00	6.08E+00	9.72E-07	6.08E+00	6.73E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MBN410	2.80E-03	5.96E-01	1.69E-02	5.83E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.26E-03	5.27E-03	0.00E+00	-2.94E-04	6.15E-10	1.49E-08	2.26E-02	8.81E-01	0.00E+00	0.00E+00	2.59E+00	3.99E-03	4.76E+00	0.00E+00	3.81E-08	1.84E-08	1.36E-03	1.49E-07	4.59E-01	0.00E+00	4.76E+00	9.99E-07	4.76E+00	5.21E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01

MBN410E	2.80E-03	5.96E-01	1.69E-02	5.83E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.26E-03	5.27E-03	0.00E+00	-2.94E-04	6.15E-10	1.49E-08	2.26E-02	8.81E-01	0.00E+00	0.00E+00	2.59E+00	3.99E-03	4.76E+00	0.00E+00	3.81E-08	1.84E-08	1.36E-03	1.49E-07	4.59E-01	0.00E+00	4.76E+00	9.99E-07	4.76E+00	5.21E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01
MBN410P	5.03E-03	6.08E-01	2.53E-02	5.68E-01	2.87E-12	0.00E+00	4.39E+00	8.11E-06	2.64E-03	5.34E-03	0.00E+00	-5.94E-04	8.20E-10	3.00E-08	2.74E-02	1.38E+00	0.00E+00	0.00E+00	3.77E+00	7.60E-03	6.09E+00	0.00E+00	4.93E-08	2.60E-08	1.53E-03	2.26E-07	6.67E-01	0.00E+00	6.09E+00	9.60E-07	6.09E+00	6.73E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MBN413	2.89E-03	6.04E-01	1.76E-02	5.86E-01	2.87E-12	0.00E+00	3.46E+00	6.59E-06	1.34E-03	5.29E-03	0.00E+00	-2.93E-04	6.31E-10	1.57E-08	2.27E-02	9.26E-01	0.00E+00	0.00E+00	2.69E+00	3.98E-03	4.84E+00	0.00E+00	3.86E-08	1.91E-08	1.41E-03	1.44E-07	4.71E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.32E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.73E+01
MBN413E	2.92E-03	6.04E-01	1.76E-02	5.86E-01	2.87E-12	0.00E+00	3.46E+00	6.59E-06	1.35E-03	5.29E-03	0.00E+00	-2.95E-04	6.31E-10	1.58E-08	2.27E-02	9.25E-01	0.00E+00	0.00E+00	2.70E+00	3.98E-03	4.84E+00	0.00E+00	3.86E-08	1.91E-08	1.41E-03	1.45E-07	4.73E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.32E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
MBN416	2.99E-03	6.04E-01	1.71E-02	5.86E-01	2.87E-12	0.00E+00	3.51E+00	6.64E-06	1.37E-03	5.31E-03	0.00E+00	-2.76E-04	6.31E-10	1.68E-08	2.28E-02	9.33E-01	0.00E+00	0.00E+00	2.72E+00	3.68E-03	4.90E+00	0.00E+00	3.93E-08	1.92E-08	1.40E-03	1.43E-07	4.76E-01	0.00E+00	4.90E+00	1.01E-06	4.90E+00	5.40E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.83E+01
MBN416E	2.95E-03	6.02E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.45E+00	6.60E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.33E-10	1.62E-08	2.28E-02	9.18E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.82E+00	0.00E+00	3.85E-08	1.90E-08	1.39E-03	1.41E-07	4.71E-01	0.00E+00	4.82E+00	1.00E-06	4.82E+00	5.29E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.62E+01
MBN416P	4.79E-03	5.44E-01	2.11E-02	5.24E-01	2.87E-12	0.00E+00	3.47E+00	6.89E-06	2.57E-03	5.14E-03	0.00E+00	-5.63E-04	6.23E-10	3.03E-08	2.29E-02	1.09E+00	0.00E+00	0.00E+00	2.85E+00	7.01E-03	5.13E+00	0.00E+00	4.09E-08	2.16E-08	1.44E-03	2.24E-07	5.07E-01	0.00E+00	5.13E+00	8.03E-07	5.13E+00	5.65E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MBN420	3.22E-03	6.15E-01	2.84E-02	5.96E-01	2.87E-12	0.00E+00	3.61E+00	6.99E-06	1.56E-03	5.43E-03	0.00E+00	-2.68E-04	6.75E-10	1.84E-08	2.35E-02	9.94E-01	0.00E+00	0.00E+00	2.83E+00	3.65E-03	4.99E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.33E-07	4.97E-01	0.00E+00	4.99E+00	4.24E-07	4.99E+00	5.49E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MBN420E	3.23E-03	6.14E-01	2.84E-02	5.96E-01	2.87E-12	0.00E+00	3.61E+00	6.90E-06	1.56E-03	5.42E-03	0.00E+00	-2.88E-04	6.73E-10	1.85E-08	2.34E-02	9.85E-01	0.00E+00	0.00E+00	2.82E+00	3.95E-03	4.98E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.40E-07	4.96E-01	0.00E+00	4.98E+00	4.24E-07	4.98E+00	5.49E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBN420P	5.46E-03	7.99E-01	2.57E-02	7.71E-01	2.87E-12	0.00E+00	4.41E+00	8.08E-06	3.10E-03	7.07E-03	0.00E+00	-6.01E-04	8.24E-10	3.53E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.78E+00	7.62E-03	6.20E+00	0.00E+00	4.98E-08	2.68E-08	2.06E-03	2.40E-07	6.72E-01	0.00E+00	6.20E+00	9.74E-07	6.20E+00	6.85E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MBN425	3.91E-03	6.32E-01	1.99E-02	6.14E-01	2.87E-12	0.00E+00	3.76E+00	7.09E-06	2.11E-03	5.57E-03	0.00E+00	-4.00E-04	6.94E-10	2.40E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.96E+00	5.30E-03	5.10E+00	0.00E+00	4.07E-08	2.05E-08	1.51E-03	1.74E-07	5.21E-01	0.00E+00	5.10E+00	9.50E-07	5.10E+00	5.61E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MBN425E	3.81E-03	6.35E-01	2.01E-02	6.15E-01	0.00E+00	0.00E+00	3.78E+00	7.09E-06	1.94E-03	5.59E-03	0.00E+00	-4.07E-04	6.95E-10	2.28E-08	2.40E-02	1.05E+00	0.00E+00	0.00E+00	2.97E+00	5.43E-03	5.10E+00	0.00E+00	4.08E-08	2.06E-08	1.51E-03	1.81E-07	5.23E-01	0.00E+00	5.10E+00	9.46E-07	5.10E+00	5.62E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MBN425P	6.06E-03	7.88E-01	2.58E-02	7.59E-01	2.87E-12	0.00E+00	4.38E+00	8.09E-06	3.39E-03	6.97E-03	0.00E+00	-6.05E-04	8.22E-10	3.92E-08	2.74E-02	1.47E+00	0.00E+00	0.00E+00	3.77E+00	7.69E-03	6.11E+00	0.00E+00	4.96E-08	2.70E-08	2.06E-03	2.33E-07	6.69E-01	0.00E+00	6.11E+00	1.25E-06	6.11E+00	6.76E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MBN432	7.00E-03	9.33E-01	2.56E-02	9.21E-01	2.87E-12	0.00E+00	5.01E+00	9.31E-06	4.01E-03	8.72E-03	0.00E+00	-5.85E-04	8.76E-10	4.32E-08	2.84E-02	1.55E+00	0.00E+00	0.00E+00	4.08E+00	8.23E-03	6.54E+00	0.00E+00	5.34E-08	2.81E-08	2.42E-03	2.44E-07	7.15E-01	0.00E+00	6.54E+00	1.05E-06	6.54E+00	7.19E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MBN432E	6.17E-03	7.92E-01	2.47E-02	7.68E-01	2.87E-12	0.00E+00	4.26E+00	7.76E-06	3.76E-03	7.05E-03	0.00E+00	-3.17E-04	8.34E-10	4.15E-08	2.72E-02	1.43E+00	0.00E+00	0.00E+00	3.66E+00	4.24E-03	6.04E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	1.66E-07	6.48E-01	0.00E+00	6.04E+00	9.63E-07	6.04E+00	6.69E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBN432P	6.22E-03	8.00E-01	2.62E-02	7.71E-01	2.87E-12	0.00E+00	4.40E+00	8.13E-06	3.48E-03	7.12E-03	0.00E+00	-5.92E-04	8.52E-10	4.03E-08	2.76E-02	1.48E+00	0.00E+00	0.00E+00	3.81E+00	7.78E-03	6.21E+00	0.00E+00	4.99E-08	2.71E-08	2.07E-03	2.44E-07	6.72E-01	0.00E+00	6.21E+00	1.25E-06	6.21E+00	6.86E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MBN440	6.97E-03	9.20E-01	3.11E-02	8.96E-01	2.87E-12	0.00E+00	5.01E+00	9.32E-06	4.09E-03	8.66E-03	0.00E+00	-7.14E-04	8.74E-10	4.28E-08	2.83E-02	1.56E+00	0.00E+00	0.00E+00	4.09E+00	8.24E-03	6.55E+00	0.00E+00	5.33E-08	2.82E-08	2.40E-03	2.54E-07	7.21E-01	0.00E+00	6.55E+00	4.23E-07	6.55E+00	7.18E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MBN440E	6.34E-03	7.72E-01	2.53E-02	7.42E-01	2.87E-12	0.00E+00	4.24E+00	7.76E-06	3.77E-03	6.90E-03	0.00E+00	-4.76E-04	8.33E-10	4.15E-08	2.69E-02	1.36E+00	0.00E+00	0.00E+00	3.62E+00	6.18E-03	5.96E+00	0.00E+00	4.75E-08	2.53E-08	1.94E-03	2.09E-07	6.38E-01	0.00E+00	5.96E+00	9.56E-07	5.96E+00	6.59E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MBN440P	6.87E-03	8.02E-01	2.93E-02	7.71E-01	2.87E-12	0.00E+00	4.54E+00	8.21E-06	3.89E-03	7.12E-03	0.00E+00	-6.40E-04	9.08E-10	4.48E-08	2.93E-02	1.55E+00	0.00E+00	0.00E+00	3.87E+00	8.19E-03	6.29E+00	0.00E+00	5.07E-08	2.76E-08	2.08E-03	2.49E-07	6.86E-01	0.00E+00	6.29E+00	1.26E-06	6.29E+00	6.94E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MBN450	7.39E-03	8.17E-01	2.86E-02	7.90E-01	2.87E-12	0.00E+00	4.85E+00	9.01E-06	4.43E-03	7.35E-03	0.00E+00	-4.53E-04	9.24E-10	4.85E-08	2.97E-02	1.64E+00	0.00E+00	0.00E+00	4.21E+00	6.09E-03	6.60E+00	0.00E+00	5.32E-08	2.94E-08	2.13E-03	2.04E-07	7.42E-01	0.00E+00	6.60E+00	1.02E-06	6.60E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN450E	7.59E-03	8.23E-01	2.87E-02	7.95E-01	2.87E-12	0.00E+00	4.90E+00	9.01E-06	4.60E-03	7.40E-03	0.00E+00	-4.54E-04	9.26E-10	5.03E-08	2.97E-02	1.65E+00	0.00E+00	0.00E+00	4.23E+00	6.08E-03	6.62E+00	0.00E+00	5.33E-08	2.94E-08	2.14E-03	2.06E-07	7.44E-01	0.00E+00	6.62E+00	1.02E-06	6.62E+00	7.36E+00	7.44E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN450P	7.38E-03	7.97E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.68E+00	8.28E-06	4.51E-03	7.11E-03	0.00E+00	-9.66E-04	9.22E-10	4.93E-08	2.97E-02	1.59E+00	0.00E+00	0.00E+00	3.88E+00	1.03E-02	6.27E+00	0.00E+00	5.04E-08	2.79E-08	2.07E-03	3.64E-07	6.81E-01	0.00E+00	6.27E+00	1.07E-06	6.27E+00	6.92E+00	6.81E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MBN463	7.40E-03	8.14E-01	2.87E-02	7.84E-01	2.87E-12	0.00E+00	4.88E+00	9.05E-06	4.45E-03	7.38E-03	0.00E+00	-4.53E-04	9.45E-10	4.88E-08	2.97E-02	1.56E+00	0.00E+00	0.00E+00	4.25E+00	6.08E-03	6.62E+00	0.00E+00	5.27E-08	2.85E-08	2.12E-03	2.10E-07	7.39E-01	0.00E+00	6.62E+00	1.03E-06	6.62E+00	7.36E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN463E	7.70E-03	8.22E-01	2.93E-02	7.91E-01	2.87E-12	0.00E+00	4.97E+00	9.07E-06	4.66E-03	7.44E-03	0.00E+00	-4.53E-04	9.60E-10	5.13E-08	3.00E-02	1.61E+00	0.00E+00	0.00E+00	4.30E+00	6.08E-03	6.68E+00	0.00E+00	5.31E-08	2.86E-08	2.14E-03	2.09E-07	7.47E-01	0.00E+00	6.68E+00	1.03E-06	6.68E+00	7.42E+00	7.47E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MBN463P	7.42E-03	7.98E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.73E+00	8.27E-06	4.51E-03	7.11E-03	0.00E+00	-9.67E-04	9.38E-10	4.97E-08	2.99E-02	1.59E+00	0.00E+00	0.00E+00	3.89E+00	1.14E-02	6.27E+00	0.00E+00	5.04E-08	2.79E-08	2.08E-03	3.65E-07	6.82E-01	0.00E+00	6.27E+00	1.27E-06	6.27E+00	6.92E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MBN506	1.37E-03	3.00E-01	8.55E-03	2.90E-01	2.87E-12	0.00E+00	1.67E+00	3.37E-06	5.57E-04	2.61E-03	0.00E+00	-1.89E-04	2.83E-10	7.08E-09	1.11E-02	4.41E-01	0.00E+00	0.00E+00	1.27E+00	2.63E-03	2.48E+00	0.00E+00	1.94E-08	9.05E-09	6.78E-04	7.96E-08	2.24E-01	0.00E+00	2.48E+00	7.41E-07	2.48E+00	2.69E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
MBN506E	1.32E-03	2.99E-01	8.61E-03	2.90E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.62E-04	2.60E-03	0.00E+00	-2.03E-04	2.78E-10	6.99E-09	1.10E-02	4.28E-01	0.00E+00	0.00E+00	1.22E+00	2.72E-03	2.28E+00	0.00E+00	1.84E-08	8.89E-09	6.74E-04	8.89E-08	2.19E-01	0.00E+00	2.28E+00	4.39E-07	2.28E+00	2.50E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.32E+01
MBN510	1.35E-03	2.97E-01	8.40E-03	2.87E-01	2.87E-12	0.00E+00	1.67E+00	3.40E-06	6.02E-04	2.60E-03	0.00E+00	-1.53E-04	2.99E-10	7.37E-09	1.11E-02	4.50E-01	0.00E+00	0.00E+00	1.31E+00	2.19E-03	2.49E+00	0.00E+00	1.95E-08	9.20E-09	6.77E-04	7.36E-08	2.29E-01	0.00E+00	2.49E+00	7.55E-07	2.49E+00	2.70E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MBN510E	1.34E-03	2.96E-01	8.24E-03	2.88E-01	0.00E+00	0.00E+00	1.67E+00	3.18E-06	5.64E-04	2.59E-03	0.00E+00	-1.45E-04	2.93E-10	7.07E-09	1.11E-02	4.36E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.34E+00	0.00E+00	1.88E-08	9.12E-09	6.77E-04	7.04E-08	2.24E-01	0.00E+00	2.34E+00	4.87E-07	2.34E+00	2.57E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.51E+01
MBN513	1.78E-03	2.72E-01	6.94E-03	2.64E-01	2.87E-12	0.00E+00	1.45E+00	2.72E-06	8.98E-04	2.35E-03	0.00E+00	-1.08E-04	2.39E-10	1.08E-08	9.42E-03	3.94E-01	0.00E+00	0.00E+00	1.07E+00	1.37E-03	2.05E+00	0.00E+00	1.65E-08	8.09E-09	6.14E-04	6.71E-08	1.92E-01	0.00E+00	2.05E+00	3.78E-07	2.05E+00	2.25E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MBN513E	1.46E-03	3.00E-01	8.61E-03	2.91E-01	2.87E-12	0.00E+00	1.73E+00	3.29E-06	6.56E-04	2.64E-03	0.00E+00	-1.46E-04	3.11E-10	7.98E-09	1.14E-02	4.69E-01	0.00E+00	0.00E+00	1.33E+00	1.96E-03	2.41E+00	0.00E+00	1.92E-08	9.57E-09	6.98E-04	7.31E-08	2.35E-01	0.00E+00	2.41E+00	4.87E-07	2.41E+00	2.65E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MBN516	1.62E-03	2.80E-01	7.41E-03	2.71E-01	2.87E-12	0.00E+00	1.57E+00	2.98E-06	7.16E-04	2.44E-03	0.00E+00	-1.09E-04	2.52E-10	9.44E-09	9.97E-03	4.15E-01	0.00E+00	0.00E+00	1.18E+00	1.39E-03	2.18E+00	0.00E+00	1.76E-08	8.73E-09	6.31E-04	6.65E-08	2.10E-01	0.00E+00	2.18E+00	3.78E-07	2.18E+00	2.40E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	4.17E+01
MBN516E	1.47E-03	3.00E-01	8.54E-03	2.91E-01	0.00E+00	0.00E+00	1.72E+00	3.27E-06	6.60E-04	2.63E-03	0.00E+00	-1.45E-04	3.03E-10	8.09E-09	1.14E-02	4.57E-01	0.00E+00	0.00E+00	1.31E+00	1.95E-03	2.40E+00	0.00E+00	1.92E-08	9.40E-09	6.94E-04	7.07E-08	2.33E-01	0.00E+00	2.40E+00	4.88E-07	2.40E+00	2.63E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.69E+01
MBN520	1.68E-03	3.11E-01	8.40E-03	3.00E-01	2.87E-12	0.00E+00	1.82E+00	3.40E-06	8.36E-04	2.76E-03	0.00E+00	-1.51E-04	3.10E-10	1.00E-08	1.14E-02	5.02E-01	0.00E+00	0.00E+00	1.41E+00	2.04E-03	2.49E+00	0.00E+00	2.01E-08	9.97E-09	7.42E-04	7.86E-08	2.49E-01	0.00E+00	2.49E+00	4.48E-07	2.49E+00	2.74E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MBN520E	1.76E-03	3.06E-01	9.08E-03	2.96E-01	0.00E+00	0.00E+00	1.79E+00	3.36E-06	8.69E-04	2.70E-03	0.00E+00	-1.45E-04	3.19E-10	1.03E-08	1.17E-02	4.98E-01	0.00E+00	0.00E+00	1.39E+00	1.95E-03	2.48E+00	0.00E+00	1.99E-08	9.95E-09	7.27E-04	7.12E-08	2.47E-01	0.00E+00	2.48E+00	4.82E-07	2.48E+00	2.72E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MBN525	2.00E-03	3.17E-01	9.77E-03	3.05E-01	2.87E-12	0.00E+00	1.86E+00	3.47E-06	1.07E-03	2.79E-03	0.00E+00	-1.92E-04	3.30E-10	1.23E-08	1.17E-02	5.30E-01	0.00E+00	0.00E+00	1.46E+00	2.67E-03	2.54E+00	0.00E+00	2.03E-08	1.03E-08	7.58E-04	8.48E-08	2.60E-01	0.00E+00	2.54E+00	4.32E-07	2.54E+00	2.79E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
MBN525E	2.02E-03	3.17E-01	1.01E-02	3.07E-01	0.00E+00	0.00E+00	1.88E+00	3.48E-06	1.07E-03	2.80E-03	0.00E+00	-2.03E-04	3.30E-10	1.24E-08	1.20E-02	5.37E-01	0.00E+00	0.00E+00	1.46E+00	2.72E-03	2.54E+00	0.00E+00	2.05E-08	1.04E-08	7.62E-04	9.05E-08	2.60E-01	0.00E+00	2.54E+00	4.45E-07	2.54E+00	2.80E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.25E+01
MBN532	3.26E-03	3.83E-01	1.14E-02	3.67E-01	2.87E-12	0.00E+00	2.36E+00	4.36E-06	1.84E-03	3.54E-03	0.00E+00	-2.24E-04	3.50E-10	2.04E-08	1.42E-02	7.80E-01	0.00E+00	0.00E+00	1.92E+00	3.42E-03	3.27E+00	0.00E+00	2.63E-08	1.45E-08	1.04E-03	1.18E-07	3.49E-01	0.00E+00	3.27E+00	4.70E-07	3.27E+00	3.58E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBN532E	3.22E-03	3.87E-01	1.19E-02	3.75E-01	0.00E+00	0.00E+00	2.10E+00	3.81E-06	1.90E-03	3.45E-03	0.00E+00	-1.52E-04	3.93E-10	2.08E-08	1.34E-02	7.10E-01	0.00E+00	0.00E+00	1.78E+00	2.05E-03	2.96E+00	0.00E+00	2.42E-08	1.30E-08	9.75E-04	7.77E-08	3.17E-01	0.00E+00	2.96E+00	4.65E-07	2.96E+00	3.28E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
MBN540	3.66E-03	3.81E-01	1.32E-02	3.67E-01	2.87E-12	0.00E+00	2.35E+00	4.36E-06	2.11E-03	3.45E-03	0.00E+00	-2.52E-04	3.82E-10	2.48E-08	1.44E-02	7.92E-01	0.00E+00	0.00E+00	1.93E+00	3.89E-03	3.24E+00	0.00E+00	2.63E-08	1.47E-08	1.03E-03	1.30E-07	3.48E-01	0.00E+00	3.24E+00	5.59E-07	3.24E+00	3.55E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBN540E	3.22E-03	3.87E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.16E-10	2.08E-08	1.34E-02	7.14E-01	0.00E+00	0.00E+00	1.82E+00	3.19E-03	2.98E+00	0.00E+00	2.42E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.74E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MBN550	3.60E-03	3.92E-01	1.30E-02	3.74E-01	2.87E-12	0.00E+00	2.33E+00	4.35E-06	2.12E-03	3.42E-03	0.00E+00	-2.96E-04	3.75E-10	2.37E-08	1.40E-02	7.94E-01	0.00E+00	0.00E+00	1.93E+00	3.92E-03	3.23E+00	0.00E+00	2.53E-08	1.44E-08	1.03E-03	1.31E-07	3.50E-01	0.00E+00	3.23E+00	4.47E-07	3.23E+00	3.48E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MBN550E	3.82E-03	4.04E-01	1.41E-02	3.90E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.32E-03	3.63E-03	0.00E+00	-2.28E-04	4.58E-10	2.53E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.05E-03	3.26E+00	0.00E+00	2.62E-08	1.45E-08	1.05E-03	1.03E-07	3.66E-01	0.00E+00	3.26E+00	4.98E-07	3.26E+00	3.63E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN563	5.18E-03	4.09E-01	1.43E-02	3.92E-01	2.87E-12	0.00E+00	2.35E+00	4.38E-06	3.05E-03	3.51E-03	0.00E+00	-3.56E-04	3.95E-10	3.41E-08	1.46E-02	8.10E-01	0.00E+00	0.00E+00	2.01E+00	4.33E-03	3.28E+00	0.00E+00	2.59E-08	1.46E-08	1.03E-03	1.53E-07	3.56E-01	0.00E+00	3.28E+00	5.62E-07	3.28E+00	3.55E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
MBN563E	3.86E-03	4.07E-01	1.43E-02	3.93E-01	0.00E+00	0.00E+00	2.44E+00	4.49E-06	2.35E-03	3.66E-03	0.00E+00	-2.28E-04	4.77E-10	2.56E-08	1.48E-02	8.27E-01	0.00E+00	0.00E+00	2.13E+00	3.05E-03	3.30E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.04E-07	3.72E-01	0.00E+00	3.30E+00	5.13E-07	3.30E+00	3.67E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.83E+01
MBN606	2.78E-03	5.96E-01	1.69E-02	5.81E-01	2.87E-12	0.00E+00	3.39E+00	6.32E-06	1.10E-03	5.24E-03	0.00E+00	-3.96E-04	5.85E-10	1.44E-08	2.22E-02	8.68E-01	0.00E+00	0.00E+00	2.55E+00	5.18E-03	4.71E+00	0.00E+00	3.76E-08	1.79E-08	1.35E-03	1.68E-07	4.50E-01	0.00E+00	4.71E+00	9.31E-07	4.71E+00	5.18E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	9.02E+01
MBN606E	2.64E-03	5.99E-01	1.72E-02	5.82E-01	0.00E+00	0.00E+00	3.30E+00	6.18E-06	1.12E-03	5.20E-03	0.00E+00	-4.07E-04	5.64E-10	1.40E-08	2.19E-02	8.56E-01	0.00E+00	0.00E+00	2.45E+00	5.43E-03	4.57E+00	0.00E+00	3.68E-08	1.78E-08	1.35E-03	1.78E-07	4.39E-01	0.00E+00	4.57E+00	8.87E-07	4.57E+00	5.01E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MBN610	2.79E-03	5.96E-01	1.68E-02	5.82E-01	2.87E-12	0.00E+00	3.41E+00	6.43E-06	1.20E-03	5.26E-03	0.00E+00	-2.91E-04	6.04E-10	1.48E-08	2.25E-02	8.77E-01	0.00E+00	0.00E+00	2.60E+00	3.91E-03	4.76E+00	0.00E+00	3.81E-08	1.83E-08	1.36E-03	1.48E-07	4.59E-01	0.00E+00	4.76E+00	9.88E-07	4.76E+00	5.23E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.22E+01
MBN610E	2.68E-03	5.94E-01	1.65E-02	5.77E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.13E-03	5.20E-03	0.00E+00	-2.91E-04	6.01E-10	1.41E-08	2.23E-02	8.74E-01	0.00E+00	0.00E+00	2.56E+00	3.90E-03	4.70E+00	0.00E+00	3.76E-08	1.83E-08	1.36E-03	1.41E-07	4.52E-01	0.00E+00	4.70E+00	9.89E-07	4.70E+00	5.15E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MBN613	2.90E-03	6.02E-01	1.69E-02	5.84E-01	2.87E-12	0.00E+00	3.45E+00	6.55E-06	1.25E-03	5.28E-03	0.00E+00	-2.91E-04	6.22E-10	1.55E-08	2.27E-02	9.13E-01	0.00E+00	0.00E+00	2.67E+00	3.92E-03	4.80E+00	0.00E+00	3.84E-08	1.88E-08	1.39E-03	1.46E-07	4.70E-01	0.00E+00	4.80E+00	9.97E-07	4.80E+00	5.28E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
MBN613E	2.89E-03	6.01E-01	1.69E-02	5.84E-01	2.87E-12	0.00E+00	3.45E+00	6.54E-06	1.24E-03	5.27E-03	0.00E+00	-2.91E-04	6.20E-10	1.55E-08	2.27E-02	9.11E-01	0.00E+00	0.00E+00	2.66E+00	3.91E-03	4.80E+00	0.00E+00	3.84E-08	1.88E-08	1.39E-03	1.43E-07	4.70E-01	0.00E+00	4.80E+00	9.96E-07	4.80E+00	5.27E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBN616	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.57E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.19E-10	1.62E-08	2.27E-02	9.17E-01	0.00E+00	0.00E+00	2.65E+00	3.90E-03	4.81E+00	0.00E+00	3.84E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.92E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBN616E	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.57E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.19E-10	1.62E-08	2.27E-02	9.17E-01	0.00E+00	0.00E+00	2.65E+00	3.90E-03	4.81E+00	0.00E+00	3.84E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.92E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBN620	3.25E-03	6.09E-01	2.82E-02	5.91E-01	2.87E-12	0.00E+00	3.57E+00	6.81E-06	1.61E-03	5.32E-03	0.00E+00	-2.85E-04	6.34E-10	1.83E-08	2.32E-02	9.58E-01	0.00E+00	0.00E+00	2.76E+00	3.93E-03	4.97E+00	0.00E+00	3.97E-08	1.95E-08	1.43E-03	1.36E-07	4.88E-01	0.00E+00	4.97E+00	3.89E-07	4.97E+00	5.47E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MBN620E	3.40E-03	6.12E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.40E-03	0.00E+00	-2.91E-04	6.55E-10	1.97E-08	2.33E-02	9.85E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.95E-07	4.97E+00	5.46E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MBN625	3.82E-03	6.30E-01	2.94E-02	6.11E-01	2.87E-12	0.00E+00	3.72E+00	7.01E-06	1.94E-03	5.52E-03	0.00E+00	-3.92E-04	6.70E-10	2.31E-08	2.37E-02	1.04E+00	0.00E+00	0.00E+00	2.90E+00	5.31E-03	5.09E+00	0.00E+00	4.07E-08	2.04E-08	1.50E-03	1.58E-07	5.14E-01	0.00E+00	5.09E+00	3.68E-07	5.09E+00	5.59E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MBN625E	3.93E-03	6.34E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.78E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBN632	6.95E-03	9.28E-01	2.54E-02	9.18E-01	2.87E-12	0.00E+00	5.00E+00	9.30E-06	3.95E-03	8.68E-03	0.00E+00	-5.79E-04	8.56E-10	4.32E-08	2.83E-02	1.55E+00	0.00E+00	0.00E+00	4.05E+00	8.17E-03	6.50E+00	0.00E+00	5.32E-08	2.80E-08	2.41E-03	2.42E-07	7.15E-01	0.00E+00	6.50E+00	1.05E-06	6.50E+00	7.14E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MBN632E	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.22E+00	7.68E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.62E-08	1.96E-03	1.56E-07	6.40E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MBN640	6.96E-03	9.26E-01	2.55E-02	9.02E-01	2.87E-12	0.00E+00	5.02E+00	9.32E-06	4.10E-03	8.70E-03	0.00E+00	-7.19E-04	8.75E-10	4.31E-08	2.84E-02	1.56E+00	0.00E+00	0.00E+00	4.10E+00	8.34E-03	6.58E+00	0.00E+00	5.35E-08	2.81E-08	2.40E-03	2.66E-07	7.21E-01	0.00E+00	6.58E+00	1.05E-06	6.58E+00	7.22E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MBN640E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.85E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.53E-07	5.96E+00	6.60E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBN650	7.69E-03	9.14E-01	2.96E-02	8.88E-01	2.87E-12	0.00E+00	4.89E+00	9.22E-06	4.62E-03	8.53E-03	0.00E+00	-7.15E-04	1.01E-09	5.04E-08	2.95E-02	1.64E+00	0.00E+00	0.00E+00	4.14E+00	8.27E-03	6.50E+00	0.00E+00	5.29E-08	2.89E-08	2.39E-03	2.60E-07	7.30E-01	0.00E+00	6.50E+00	1.02E-06	6.50E+00	7.22E+00	7.30E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MBN650E	7.63E-03	8.09E-01	2.83E-02	7.80E-01	0.00E+00	0.00E+00	4.81E+00	8.83E-06	4.65E-03	7.26E-03	0.00E+00	-4.56E-04	9.16E-10	5.05E-08	2.93E-02	1.63E+00	0.00E+00	0.00E+00	4.16E+00	6.10E-03	6.53E+00	0.00E+00	5.25E-08	2.90E-08	2.11E-03	2.07E-07	7.32E-01	0.00E+00	6.53E+00	1.00E-06	6.53E+00	7.26E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MBN663	7.03E-03	9.18E-01	2.56E-02	8.90E-01	2.87E-12	0.00E+00	4.82E+00	9.23E-06	4.15E-03	8.55E-03	0.00E+00	-7.19E-04	8.71E-10	4.33E-08	2.79E-02	1.56E+00	0.00E+00	0.00E+00	4.09E+00	8.13E-03	6.44E+00	0.00E+00	5.26E-08	2.84E-08	2.39E-03	2.56E-07	7.21E-01	0.00E+00	6.44E+00	1.03E-06	6.44E+00	7.15E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MBN663E	7.72E-03	8.14E-01	2.86E-02	7.86E-01	0.00E+00	0.00E+00	4.87E+00	8.99E-06	4.70E-03	7.32E-03	0.00E+00	-4.56E-04	9.53E-10	5.11E-08	2.96E-02	1.65E+00	0.00E+00	0.00E+00	4.25E+00	6.10E-03	6.60E+00	0.00E+00	5.30E-08	2.94E-08	2.13E-03	2.07E-07	7.45E-01	0.00E+00	6.60E+00	1.03E-06	6.60E+00	7.35E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MBS006C	6.82E-04	1.51E-01	5.37E-03	1.47E-01	2.87E-12	0.00E+00	7.84E-01	1.46E-06	2.84E-04	1.32E-03	0.00E+00	-9.59E-05	1.70E-10	3.50E-09	5.25E-03	2.07E-01	0.00E+00	0.00E+00	5.95E-01	1.36E-03	1.10E+00	0.00E+00	8.98E-09	4.34E-09	3.34E-04	4.84E-08	1.06E-01	0.00E+00	1.10E+00	6.82E-07	1.10E+00	1.21E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MBS010C	6.86E-04	1.47E-01	5.19E-03	1.44E-01	2.87E-12	0.00E+00	7.62E-01	1.45E-06	2.87E-04	1.30E-03	0.00E+00	-8.51E-05	1.71E-10	3.55E-09	4.97E-03	1.96E-01	0.00E+00	0.00E+00	5.76E-01	1.09E-03	1.08E+00	0.00E+00	8.81E-09	4.23E-09	3.30E-04	5.29E-08	1.02E-01	0.00E+00	1.08E+00	2.63E-07	1.08E+00	1.19E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+01
MBS013C	7.01E-04	1.50E-01	4.41E-03	1.46E-01	2.87E-12	0.00E+00	7.77E-01	1.55E-06	3.11E-04	1.30E-03	0.00E+00	-8.46E-05	1.45E-10	3.76E-09	5.10E-03	2.18E-01	0.00E+00	0.00E+00	6.06E-01	1.09E-03	1.15E+00	0.00E+00	9.09E-09	4.43E-09	3.39E-04	5.38E-08	1.07E-01	0.00E+00	1.15E+00	2.22E-07	1.15E+00	1.25E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MBS016C	7.01E-04	1.50E-01	4.45E-03	1.46E-01	2.87E-12	0.00E+00	7.77E-01	1.55E-06	3.09E-04	1.31E-03	0.00E+00	-8.47E-05	1.45E-10	3.65E-09	5.10E-03	2.19E-01	0.00E+00	0.00E+00	6.05E-01	1.09E-03	1.15E+00	0.00E+00	9.10E-09	4.44E-09	3.41E-04	5.37E-08	1.07E-01	0.00E+00	1.15E+00	2.24E-07	1.15E+00	1.25E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
MBS106	7.73E-04	1.49E-01	4.49E-03	1.44E-01	0.00E+00	0.00E+00	7.61E-01	1.40E-06	3.76E-04	1.29E-03	0.00E+00	-1.31E-04	1.39E-10	4.42E-09	5.02E-03	2.15E-01	0.00E+00	0.00E+00	5.90E-01	1.74E-03	1.08E+00	0.00E+00	8.90E-09	4.43E-09	3.40E-04	5.32E-08	1.06E-01	0.00E+00	1.08E+00	1.94E-07	1.08E+00	1.19E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MBS110	6.43E-04	1.43E-01	3.91E-03	1.39E-01	0.00E+00	0.00E+00	7.03E-01	1.32E-06	2.85E-04	1.24E-03	0.00E+00	-1.00E-04	1.34E-10	3.39E-09	4.53E-03	1.88E-01	0.00E+00	0.00E+00	5.50E-01	1.34E-03	1.02E+00	0.00E+00	8.35E-09	4.12E-09	3.20E-04	4.28E-08	9.76E-02	0.00E+00	1.02E+00	2.05E-07	1.02E+00	1.12E+00	9.76E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MBS113	6.64E-04	1.33E-01	3.23E-03	1.30E-01	0.00E+00	0.00E+00	6.32E-01	1.17E-06	3.18E-04	1.16E-03	0.00E+00	-4.21E-05	1.09E-10	3.61E-09	4.16E-03	1.80E-01	0.00E+00	0.00E+00	4.85E-01	5.69E-04	9.45E-01	0.00E+00	7.82E-09	3.87E-09	3.05E-04	2.35E-08	8.86E-02	0.00E+00	9.45E-01	1.87E-07	9.45E-01	1.03E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
MBS116	6.70E-04	1.34E-01	3.27E-03	1.31E-01	0.00E+00	0.00E+00	6.38E-01	1.20E-06	3.18E-04	1.17E-03	0.00E+00	-4.21E-05	1.21E-10	3.63E-09	4.18E-03	1.82E-01	0.00E+00	0.00E+00	5.10E-01	5.69E-04	9.55E-01	0.00E+00	7.86E-09	3.94E-09	3.07E-04	2.35E-08	9.12E-02	0.00E+00	9.55E-01	1.97E-07	9.55E-01	1.05E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
MBS120	6.84E-04	1.34E-01	3.28E-03	1.31E-01	0.00E+00	0.00E+00	6.40E-01	1.18E-06	3.32E-04	1.17E-03	0.00E+00	-4.21E-05	1.10E-10	3.77E-09	4.19E-03	1.83E-01	0.00E+00	0.00E+00	4.93E-01	5.69E-04	9.53E-01	0.00E+00	7.89E-09	3.92E-09	3.07E-04	2.35E-08	8.99E-02	0.00E+00	9.53E-01	1.87E-07	9.53E-01	1.04E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
MBS120W	8.29E-04	1.55E-01	4.83E-03	1.51E-01	2.87E-12	0.00E+00	9.02E-01	1.68E-06	4.13E-04	1.37E-03	0.00E+00	-7.77E-05	1.71E-10	4.55E-09	5.70E-03	2.65E-01	0.00E+00	0.00E+00	7.35E-01	1.12E-03	1.25E+00	0.00E+00	9.99E-09	5.16E-09	3.70E-04	4.24E-08	1.28E-01	0.00E+00	1.25E+00	2.55E-07	1.25E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
MBS125	1.19E-03	1.60E-01	5.23E-03	1.54E-01	0.00E+00	0.00E+00	1.00E+00	1.91E-06	6.57E-04	1.43E-03	0.00E+00	-7.26E-05	1.89E-10	7.50E-09	6.15E-03	2.96E-01	0.00E+00	0.00E+00	8.23E-01	9.76E-04	1.36E+00	0.00E+00	1.08E-08	5.65E-09	4.01E-04	3.61E-08	1.44E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.50E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MBS132	1.73E-03	2.00E-01	6.29E-03	1.94E-01	0.00E+00	0.00E+00	1.12E+00	2.05E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.84E-03	3.75E-01	0.00E+00	0.00E+00	9.64E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.89E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.57E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MBS140	1.73E-03	2.00E-01	6.29E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.05E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.84E-03	3.75E-01	0.00E+00	0.00E+00	9.64E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.88E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.57E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MBS150	1.94E-03	2.07E-01	7.17E-03	1.99E-01	0.00E+00	0.00E+00	1.23E+00	2.27E-06	1.18E-03	1.86E-03	0.00E+00	-1.14E-04	2.34E-10	1.28E-08	7.36E-03	4.13E-01	0.00E+00	0.00E+00	1.06E+00	1.52E-03	1.67E+00	0.00E+00	1.35E-08	7.42E-09	5.39E-04	5.21E-08	1.87E-01	0.00E+00	1.67E+00	2.64E-07	1.67E+00	1.86E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MBS163	1.96E-03	2.08E-01	7.26E-03	2.01E-01	0.00E+00	0.00E+00	1.24E+00	2.31E-06	1.19E-03	1.87E-03	0.00E+00	-1.14E-04	2.43E-10	1.29E-08	7.43E-03	4.18E-01	0.00E+00	0.00E+00	1.09E+00	1.52E-03	1.69E+00	0.00E+00	1.36E-08	7.52E-09	5.44E-04	5.22E-08	1.90E-01	0.00E+00	1.69E+00	2.72E-07	1.69E+00	1.88E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
MBS206C	1.30E-03	2.43E-01	8.31E-03	2.32E-01	2.87E-12	0.00E+00	1.58E+00	3.32E-06	5.52E-04	2.33E-03	0.00E+00	-1.93E-04	2.76E-10	6.88E-09	1.02E-02	4.25E-01	0.00E+00	0.00E+00	1.07E+00	2.65E-03	2.44E+00	0.00E+00	1.88E-08	8.65E-09	6.36E-04	7.84E-08	1.91E-01	0.00E+00	2.44E+00	7.67E-07	2.44E+00	2.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.48E+01
MBS206E	2.19E-03	3.24E-01	1.25E-02	3.12E-01	2.87E-12	0.00E+00	2.20E+00	4.01E-06	6.46E-04	2.86E-03	0.00E+00	-2.14E-04	4.00E-10	1.04E-08	1.46E-02	5.51E-01	1.83E-06	8.31E-06	1.62E+00	3.01E-03	3.13E+00	0.00E+00	2.49E-08	1.19E-08	8.88E-04	2.10E-07	2.88E-01	0.00E+00	3.13E+00	5.89E-07	3.13E+00	3.42E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
MBS210C	1.35E-03	2.43E-01	8.26E-03	2.33E-01	2.87E-12	0.00E+00	1.58E+00	3.34E-06	6.67E-04	2.33E-03	0.00E+00	-1.66E-04	2.88E-10	7.71E-09	1.02E-02	4.35E-01	0.00E+00	0.00E+00	1.17E+00	2.31E-03	2.44E+00	0.00E+00	1.89E-08	8.77E-09	6.40E-04	7.43E-08	2.06E-01	0.00E+00	2.44E+00	7.79E-07	2.44E+00	2.64E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.08E+01
MBS210E	1.41E-03	2.29E-01	8.32E-03	2.20E-01	2.87E-12	0.00E+00	1.68E+00	3.50E-06	7.64E-04	2.30E-03	0.00E+00	-1.68E-04	3.05E-10	8.13E-09	1.15E-02	4.52E-01	0.00E+00	0.00E+00	1.33E+00	2.34E-03	2.53E+00	0.00E+00	1.96E-08	9.76E-09	6.35E-04	7.57E-08	2.29E-01	0.00E+00	2.53E+00	7.83E-07	2.53E+00	2.74E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.73E+01
MBS213C	1.43E-03	2.29E-01	8.28E-03	2.20E-01	2.87E-12	0.00E+00	1.69E+00	3.49E-06	6.82E-04	2.30E-03	0.00E+00	-1.65E-04	3.05E-10	8.01E-09	1.16E-02	4.55E-01	0.00E+00	0.00E+00	1.34E+00	2.29E-03	2.52E+00	0.00E+00	1.97E-08	9.85E-09	6.39E-04	7.39E-08	2.32E-01	0.00E+00	2.52E+00	7.94E-07	2.52E+00	2.75E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01

MBS216C	1.45E-03	2.29E-01	8.35E-03	2.20E-01	2.87E-12	0.00E+00	1.70E+00	3.49E-06	7.03E-04	2.30E-03	0.00E+00	-1.66E-04	3.06E-10	8.11E-09	1.16E-02	4.58E-01	0.00E+00	0.00E+00	1.34E+00
MBS216E	1.63E-03	3.00E-01	8.21E-03	2.90E-01	2.87E-12	0.00E+00	1.70E+00	3.26E-06	8.50E-04	2.60E-03	0.00E+00	-1.62E-04	2.88E-10	1.00E-08	1.14E-02	4.51E-01	0.00E+00	0.00E+00	1.31E+00
MBS220E	1.69E-03	2.99E-01	8.23E-03	2.89E-01	2.87E-12	0.00E+00	1.70E+00	3.20E-06	9.31E-04	2.60E-03	0.00E+00	-1.71E-04	2.90E-10	1.07E-08	1.12E-02	4.53E-01	0.00E+00	0.00E+00	1.36E+00
MBS225E	1.89E-03	3.16E-01	1.02E-02	3.04E-01	2.87E-12	0.00E+00	1.78E+00	3.41E-06	1.05E-03	2.79E-03	0.00E+00	-2.08E-04	3.14E-10	1.20E-08	1.14E-02	5.19E-01	0.00E+00	0.00E+00	1.42E+00
MBS232E	3.61E-03	3.96E-01	1.29E-02	3.85E-01	2.87E-12	0.00E+00	2.22E+00	4.08E-06	1.98E-03	3.49E-03	0.00E+00	-2.20E-04	4.19E-10	2.44E-08	1.44E-02	7.46E-01	0.00E+00	0.00E+00	1.87E+00
MBS263E	5.17E-03	3.93E-01	1.40E-02	3.80E-01	2.87E-12	0.00E+00	2.35E+00	4.38E-06	3.05E-03	3.43E-03	0.00E+00	-3.37E-04	3.82E-10	3.40E-08	1.43E-02	8.07E-01	0.00E+00	0.00E+00	2.00E+00
MBS306	2.31E-03	4.39E-01	1.25E-02	4.26E-01	0.00E+00	0.00E+00	2.28E+00	4.18E-06	1.12E-03	3.83E-03	0.00E+00	-2.76E-04	4.15E-10	1.33E-08	1.54E-02	6.52E-01	0.00E+00	0.00E+00	1.76E+00
MBS310	2.34E-03	4.36E-01	1.23E-02	4.24E-01	0.00E+00	0.00E+00	2.32E+00	4.36E-06	1.13E-03	3.83E-03	0.00E+00	-2.18E-04	4.47E-10	1.34E-08	1.57E-02	6.66E-01	0.00E+00	0.00E+00	1.85E+00
MBS310C	2.34E-03	4.32E-01	1.25E-02	4.12E-01	2.87E-12	0.00E+00	2.19E+00	4.19E-06	1.11E-03	3.58E-03	0.00E+00	-2.21E-04	4.42E-10	1.34E-08	1.53E-02	6.28E-01	0.00E+00	0.00E+00	1.90E+00
MBS313	2.55E-03	4.43E-01	1.28E-02	4.30E-01	0.00E+00	0.00E+00	2.41E+00	4.53E-06	1.28E-03	3.90E-03	0.00E+00	-2.18E-04	4.73E-10	1.50E-08	1.61E-02	7.02E-01	0.00E+00	0.00E+00	1.95E+00
MBS313C	2.39E-03	4.40E-01	1.29E-02	4.19E-01	2.87E-12	0.00E+00	2.21E+00	4.28E-06	1.15E-03	3.66E-03	0.00E+00	-2.25E-04	4.43E-10	1.38E-08	1.55E-02	6.58E-01	0.00E+00	0.00E+00	1.91E+00
MBS316	1.98E-03	3.99E-01	9.69E-03	3.89E-01	0.00E+00	0.00E+00	1.90E+00	3.48E-06	9.51E-04	3.47E-03	0.00E+00	-1.26E-04	3.26E-10	1.08E-08	1.29E-02	5.48E-01	0.00E+00	0.00E+00	1.45E+00
MBS316C	2.54E-03	4.38E-01	1.27E-02	4.18E-01	2.87E-12	0.00E+00	2.21E+00	4.26E-06	1.21E-03	3.64E-03	0.00E+00	-2.29E-04	4.42E-10	1.52E-08	1.54E-02	7.04E-01	0.00E+00	0.00E+00	1.98E+00
MBS320	3.07E-03	4.54E-01	1.39E-02	4.40E-01	0.00E+00	0.00E+00	2.60E+00	4.88E-06	1.66E-03	4.02E-03	0.00E+00	-2.18E-04	5.08E-10	1.88E-08	1.68E-02	7.83E-01	0.00E+00	0.00E+00	2.14E+00
MBS320W	3.46E-03	4.57E-01	2.52E-02	4.44E-01	2.87E-12	0.00E+00	2.69E+00	4.95E-06	1.97E-03	4.19E-03	0.00E+00	-2.32E-04	5.14E-10	2.18E-08	1.72E-02	7.80E-01	0.00E+00	0.00E+00	2.13E+00
MBS325	4.60E-03	5.09E-01	1.85E-02	4.91E-01	0.00E+00	0.00E+00	3.38E+00	6.26E-06	2.73E-03	4.59E-03	0.00E+00	-2.76E-04	6.29E-10	3.06E-08	2.03E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00
MBS332	5.16E-03	5.97E-01	1.89E-02	5.78E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.32E-03	0.00E+00	-2.29E-04	6.53E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00
MBS340	5.16E-03	5.95E-01	1.99E-02	5.75E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.30E-03	0.00E+00	-3.59E-04	6.53E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00
MBS350	5.79E-03	6.16E-01	2.15E-02	5.94E-01	0.00E+00	0.00E+00	3.68E+00	6.75E-06	3.53E-03	5.53E-03	0.00E+00	-3.42E-04	7.00E-10	3.83E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.17E+00
MBS363	5.86E-03	6.20E-01	2.17E-02	5.98E-01	0.00E+00	0.00E+00	3.73E+00	6.87E-06	3.57E-03	5.57E-03	0.00E+00	-3.42E-04	7.27E-10	3.88E-08	2.26E-02	1.26E+00	0.00E+00	0.00E+00	3.24E+00
MBS506	1.34E-03	2.29E-01	8.24E-03	2.20E-01	2.87E-12	0.00E+00	1.67E+00	3.49E-06	5.87E-04	2.30E-03	0.00E+00	-1.87E-04	2.85E-10	6.99E-09	1.13E-02	4.39E-01	0.00E+00	0.00E+00	1.28E+00
MBS506E	1.34E-03	2.28E-01	8.27E-03	2.19E-01	2.87E-12	0.00E+00	1.67E+00	3.47E-06	5.87E-04	2.29E-03	0.00E+00	-1.89E-04	2.84E-10	7.15E-09	1.13E-02	4.39E-01	0.00E+00	0.00E+00	1.29E+00
MBS510	1.55E-03	2.38E-01	7.77E-03	2.33E-01	2.87E-12	0.00E+00	1.67E+00	3.24E-06	8.49E-04	2.31E-03	0.00E+00	-1.42E-04	2.80E-10	9.57E-09	1.12E-02	4.40E-01	0.00E+00	0.00E+00	1.29E+00
MBS510E	1.40E-03	2.28E-01	8.23E-03	2.19E-01	2.87E-12	0.00E+00	1.68E+00	3.49E-06	7.94E-04	2.30E-03	0.00E+00	-1.57E-04	2.99E-10	8.18E-09	1.14E-02	4.50E-01	0.00E+00	0.00E+00	1.33E+00
MBS513	1.46E-03	2.29E-01	8.32E-03	2.20E-01	2.87E-12	0.00E+00	1.69E+00	3.51E-06	8.20E-04	2.30E-03	0.00E+00	-1.57E-04	3.01E-10	8.43E-09	1.14E-02	4.53E-01	0.00E+00	0.00E+00	1.33E+00
MBS516	1.55E-03	2.41E-01	8.27E-03	2.36E-01	2.87E-12	0.00E+00	1.70E+00	3.28E-06	8.08E-04	2.36E-03	0.00E+00	-1.54E-04	3.02E-10	8.58E-09	1.14E-02	4.50E-01	0.00E+00	0.00E+00	1.30E+00
MBS516E	1.66E-03	2.38E-01	7.84E-03	2.33E-01	2.87E-12	0.00E+00	1.70E+00	3.27E-06	8.72E-04	2.31E-03	0.00E+00	-1.50E-04	2.83E-10	1.02E-08	1.13E-02	4.50E-01	0.00E+00	0.00E+00	1.30E+00
MBS520	1.69E-03	3.01E-01	8.19E-03	2.91E-01	2.87E-12	0.00E+00	1.70E+00	3.23E-06	9.35E-04	2.61E-03	0.00E+00	-1.51E-04	2.87E-10	1.06E-08	1.13E-02	4.54E-01	0.00E+00	0.00E+00	1.36E+00
MBS520E	1.59E-03	2.99E-01	8.17E-03	2.89E-01	2.87E-12	0.00E+00	1.70E+00	3.23E-06	8.88E-04	2.60E-03	0.00E+00	-1.49E-04	2.86E-10	9.69E-09	1.13E-02	4.53E-01	0.00E+00	0.00E+00	1.36E+00
MBS525	1.78E-03	3.16E-01	1.07E-02	3.04E-01	2.87E-12	0.00E+00	1.82E+00	3.56E-06	1.09E-03	2.80E-03	0.00E+00	-1.91E-04	3.40E-10	1.14E-08	1.15E-02	5.47E-01	0.00E+00	0.00E+00	1.45E+00
MBS525E	1.78E-03	3.16E-01	1.07E-02	3.04E-01	2.87E-12	0.00E+00	1.82E+00	3.56E-06	1.09E-03	2.80E-03	0.00E+00	-1.91E-04	3.40E-10	1.14E-08	1.15E-02	5.47E-01	0.00E+00	0.00E+00	1.45E+00
MBS532	3.24E-03	3.93E-01	1.24E-02	3.78E-01	2.87E-12	0.00E+00	2.36E+00	4.35E-06	1.78E-03	3.56E-03	0.00E+00	-2.54E-04	3.74E-10	2.05E-08	1.45E-02	7.80E-01	0.00E+00	0.00E+00	1.92E+00
MBS532E	3.65E-03	3.94E-01	1.18E-02	3.84E-01	2.87E-12	0.00E+00	2.20E+00	4.04E-06	2.00E-03	3.49E-03	0.00E+00	-1.96E-04	3.78E-10	2.37E-08	1.34E-02	7.33E-01	0.00E+00	0.00E+00	1.99E+00
MBS540E	3.79E-03	3.96E-01	1.35E-02	3.88E-01	2.87E-12	0.00E+00	2.22E+00	4.12E-06	2.15E-03	3.50E-03	0.00E+00	-2.36E-04	4.21E-10	2.56E-08	1.39E-02	7.61E-01	0.00E+00	0.00E+00	2.00E+00
MBS550E	3.86E-03	3.97E-01	1.24E-02	3.85E-01	2.87E-12	0.00E+00	2.40E+00	4.42E-06	2.21E-03	3.53E-03	0.00E+00	-2.20E-04	3.86E-10	2.53E-08	1.42E-02	8.13E-01	0.00E+00	0.00E+00	2.08E+00
MBS563E	3.95E-03	4.03E-01	1.43E-02	3.92E-01	2.87E-12	0.00E+00	2.42E+00	4.48E-06	2.32E-03	3.62E-03	0.00E+00	-2.28E-04	4.67E-10	2.66E-08	1.48E-02	8.22E-01	0.00E+00	0.00E+00	2.13E+00
MBS606	3.12E-03	5.85E-01	1.75E-02	5.69E-01	2.87E-12	0.00E+00	3.15E+00	5.95E-06	1.33E-03	5.17E-03	0.00E+00	-3.95E-04	5.71E-10	1.68E-08	2.12E-02	8.69E-01	0.00E+00	0.00E+00	2.39E+00
MBS606E	3.08E-03	5.87E-01	1.70E-02	5.70E-01	0.00E+00	0.00E+00	3.05E+00	5.58E-06	1.50E-03	5.12E-03	0.00E+00	-4.07E-04	5.46E-10	1.77E-08	2.07E-02	8.71E-01	0.00E+00	0.00E+00	2.34E+00
MBS610	3.14E-03	5.84E-01	1.73E-02	5.70E-01	2.87E-12	0.00E+00	3.16E+00	5.99E-06	1.48E-03	5.17E-03	0.00E+00	-2.94E-04	5.94E-10	1.78E-08	2.14E-02	8.94E-01	0.00E+00	0.00E+00	2.48E+00
MBS610E	3.13E-03	5.82E-01	1.63E-02	5.66E-01	0.00E+00	0.00E+00	3.10E+00	5.79E-06	1.51E-03	5.11E-03	0.00E+00	-2.91E-04	5.83E-10	1.79E-08	2.10E-02	8.88E-01	0.00E+00	0.00E+00	2.45E+00
MBS613	3.21E-03	5.85E-01	1.68E-02	5.72E-01	2.87E-12	0.00E+00	3.24E+00	6.16E-06	1.53E-03	5.19E-03	0.00E+00	-2.93E-04	6.01E-10	1.85E-08	2.16E-02	9.03E-01	0.00E+00	0.00E+00	2.49E+00
MBS616	3.39E-03	5.89E-01	1.69E-02	5.72E-01	0.00E+00	0.00E+00	3.19E+00	5.97E-06	1.70E-03	5.19E-03	0.00E+00	-2.91E-04	6.01E-10	1.99E-08	2.15E-02	9.31E-01	0.00E+00	0.00E+00	2.54E+00
MBS616E	3.39E-03	5.89E-01	1.69E-02	5.72E-01	0.00E+00	0.00E+00	3.19E+00	5.97E-06	1.70E-03	5.19E-03	0.00E+00	-2.91E-04	6.01E-10	1.99E-08	2.15E-02	9.31E-01	0.00E+00	0.00E+00	2.54E+00
MBS620	3.71E-03	5.96E-01	3.43E-02	5.80E-01	2.87E-12	0.00E+00	3.37E+00	6.40E-06	1.93E-03	5.28E-03	0.00E+00	-2.95E-04	6.24E-10	2.32E-08	2.21E-02	9.76E-01	0.00E+00	0.00E+00	2.61E+00
MBS620E	4.10E-03	6.06E-01	1.85E-02	5.88E-01	0.00E+00	0.00E+00	3.46E+00	6.48E-06	2.22E-03	5.37E-03	0.00E+00	-2.91E-04	6.60E-10	2.50E-08	2.24E-02	1.04E+00	0.00E+00	0.00E+00	2.82E+00
MBS625	4.56E-03	6.27E-01	2.89E-02	6.11E-01	2.87E-12	0.00E+00	3.46E+00	6.56E-06	2.50E-03	5.45E-03	0.00E+00	-3.90E-04	6.63E-10	2.77E-08	2.24E-02	1.05E+00	0.00E+00	0.00E+00	2.83E+00
MBS625E	6.14E-03	6.80E-01	2.49E-02	6.55E-01	0.00E+00	0.00E+00	4.51E+00	8.32E-06	3.65E-03	6.13E-03	0.00E+00	-4.07E-04	8.21E-10	4.08E-08	2.71E-02	1.41E+00	0.00E+00	0.00E+00	3.68E+00
MBS632	6.36E-03	8.00E-01	2.46E-02	7.71E-01	0.00E+00	0.00E+00	4.42E+00	8.25E-06	3.68E-03	7.09E-03	0.00E+00	-3.15E-04	8.28E-10	4.05E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00
MBS632E	6.88E-03	7.96E-01	2.51E-02	7.71E-01	0.00E+00	0.00E+00	4.44E+00	8.10E-06	4.12E-03	7.10E-03	0.00E+00	-3.05E-04	8.49E-10	4.46E-08	2.77E-02	1.50E+00	0.00E+00	0.00E+00	3.79E+00
MBS640	7.05E-03	8.01E-01	2.68E-02	7.70E-01	0.00E+00	0.00E+00	4.51E+00	8.39E-06	4.22E-03	7.11E-03	0.00E+00	-4.73E-04	8.67E-10	4.58E-08	2.76E-02	1.49E+00	0.00E+00	0.00E+00	3.87E+00
MBS640E	6.88E-03	7.95E-01	2.65E-02	7.69E-01	0.00E+00	0.00E+00	4.45E+00	8.16E-06	4.12E-03	7.08E-03	0.00E+00	-4.78E-04	8.72E-10	4.47E-08	2.77E-02	1.50E+00	0.00E+00	0.00E+00	3.84E+00
MBS650E	7.73E-03	8.23E-01	2.87E-02	7.94E-01	0.00E+00	0.00E+00	4.91E+00	9.02E-06	4.71E-03	7.39E-03	0.00E+00	-4.56E-04	9.34E-10	5.12E-08	2.99E-02	1.66E+00	0.00E+00	0.00E+00	4.23E+00
MBS663E	7.82E-03	8.29E-01	2.90E-02	7.99E-01	0.00E+00	0.00E+00	4.97E+00	9.17E-06	4.76E-03	7.45E-03	0.00E+00	-4.56E-04	9.71E-10	5.18E-08	3.02E-02	1.68E+00	0.00E+00	0.00E+00	4.33E+00
MC100A	9.52E-04	1.98E-01	6.02E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.87E-06	4.54E-04	1.71E-03	0.00E+00	-1.66E-04	1.96E-10	5.27E-09	6.55E-03	2.85E-01	0.00E+00	0.00E+00	7.84E-01
MC101A	9.75E-04	1.98E-01	6.13E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.86E-06	4.70E-04	1.71E-03	0.00E+00	-1.86E-04	1.97E-10	5.35E-09	6.59E-03	2.88E-01	0.00E+00	0.00E+00	7.86E-01
MC102A	9.75E-04	1.97E-01	6.09E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.86E-06	4.70E-04	1.71E-03	0.00E+00	-1.65E-04	1.96E-10	5.34E-09	6.55E-03	2.89E-01	0.00E+00	0.00E+00	7.87E-01
MC103A	9.37E-04	1.97E-01	6.05E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.84E-06	4.47E-04	1.71E-03	0.00E+00	-1.65E-04	1.96E-10	5.10E-09	6.49E-03	2.85E-01	0.00E+00	0.00E+00	7.86E-01
MC104A	9.31E-04	1.98E-01	6.05E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.85E-06	4.39E-04	1.71E-03	0.00E+00	-1.76E-04	1.95E-10	5.02E-09	6.48E-03	2.83E-01	0.00E+00	0.00E+00	7.85E-01
MC106A	7.50E-04	1.61E-01	5.43E-03	1.57E-01	2.87E-12	0.00E+00	8.84E-01	1.67E-06	3.27E-04	1.41E-03	0.00E+00	-8.73E-05	1.82E-10	4.05E-09	5.82E-03	2.30E-01	0.00E+00	0.00E+00	6.74E-01
MC106P	8.88E-04	1.39E-01	6.20E-03	1.33E-01	2.87E-12	0.00E+00	9.96E-01	2.44E-06	4.01E-04	1.40E-03	0.00E+00	-1.77E-04	1.82E-10	4.88E-09	7.43E-03	2.96E-01	0.00E+00	0.00E+00	8.72E-01
MC110A	6.20E-04	1.38E-01	4.75E-03	1.37E-01	2.87E-12	0.00E+00	7.93E-01	1.50E-06	2.62E-04	1.24E-03	0.00E+00	-5.33E-05	1.72E-10	3.23E-09	5.44E-03	2.08E-01	0.00E+00	0.00E+00	6.11E-01
MC110P	6.31E-04	1.40E-01	4.33E-03	1.35E-01	2.87E-12	0.00E+00	8.12E-01	1.69E-06	2.54E-04	1.23E-03	0.00E+00	-6.74E-05	1.48E-10	3.28E-09	5.44E-03	2.12E-01	0.00E+00	0.00E+00	6.45E-01
MC113A	8.58E-04	1.65E-01	5.51E-03	1.60E-01	2.87E-12	0.00E+00	9.22E-01	1.77E-06	3.98E-04	1.44E-03	0.00E+00	-3.47E-05	1.87E-10	4.81E-09	5.89E-03	2.43E-01	0.00E+00	0.00E+00	7.23E-01
MC116A	6.14E-04	1.39E-01	3.55E-03	1.36E-01	0.00E+00	0.00E+00	7.56E-01	1.43E-06	2.62E-04	1.21E-03	0.00E+00	-4.21E-05	1.32E-10	3.23E-09	4.71E-03	1.91E-01	0.00E+00	0.00E+00	5.74E-01
MC116P	6.37E-04	1.40E-01	4.34E-03	1.35E-01	2.87E-12	0.00E+00	8.09E-01	1.69E-06	2.54E-04	1.23E-03	0.00E+00	-6.57E-05	1.50E-10	3.29E-09	5.43E-03	2.19E-01	0.00E+00	0.00E+00	6.46E-01
MC120A	8.80E-04	1.66E-01	4.90E-03	1.60E-01	2.87E-12	0.00E+00	9.57E-01	1.82E-06	4.19E-04	1.44E-03	0.00E+00	-4.31E-05	1.74E-10	5.14E-09	5.99E-03	2.52E-01	0.00E+00	0.00E+00	7.40E-01
MC120P	6.32E-04	1.42E-01	4.33E-03	1.38E-01	2.87E-12	0.00E+00	8.37E-01	1.70E-06	2.54E-04	1.28E-03	0.00E+00	-6.57E-05	1.50E-10	3.28E-09	5.61E-03	2.15E-01	0.00E+00	0.00E+00	6.53E-01
MC125A	9.39E-04	1.67E-01	5.04E-03	1.61E-01	2.87E-12	0.00E+00	9.93E-01	1.89E-06	4.66E-04	1.47E-03	0.00E+00	-6.03E-05	1.82E-10	5.58E-09	6.14E-03	2.70E-01	0.00E+00	0.00E+00	7.84E-01
MC125P	1.00E-03	1.40E-01	6.77E-03	1.36E-01	2.87E-12	0.00E+00	1.05E+00	2.51E-06	4.75E-04	1.41E-03	0.00E+00	-1.72E-04	1.93E-10	5.99E-09	7.68E-03	3.07E-01	0.00E+00	0.00E+00	9.18E-01
MC132A	1.54E-03	1.99E-01	6.08E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.17E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	9.85E-09	6.75E-03	3.53E-01	0.00E+00	0.00E+00	8.94E-01
MC132P	1.37E-03	1.40E-01	7.35E-03	1.34E-01	2.87E-12	0.00E+00	1.10E+00	2.53E-06	7.27E-04	1.41E-03	0.00E+00	-1.68E-04	1.96E-10	8.10E-09	7.77E-03	3.57E-01	0.00E+00	0.00E+00	9.86E-01
MC140A	1.57E-03	1.99E-01	6.09E-03	1.94E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.15E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	9.86E-09	6.75E-03	3.54E-01	0.00E+00	0.00E+00	8.92E-01
MC140P	1.44E-03	1.64E-01	7.45E-03	1.50E-01	2.87E-12	0.00E+00	1.11E+00	2.58E-06	7.39E-04	1.54E-03	0.00E+00	-1.68E-04	2.03E-10	8.40E-09	7.80E-03	3.62E-01	0.00E+00	0.00E+00	1.00E+00
MC150A	1.76E-03	2.06E-01	6.79E-03	1.99E-01	2.87E-12	0.00E+00	1.18E+00	2.20E-06	9.71E-04	1.84E-03	0.00E+00	-1.03E-04	2.27E-10	1.14E-08	7.37E-03	3.98E-01	0.00E+00	0.00E+00	1.03E+00
MC150P	1.60E-03	1.63E-01	7.72E-03	1.54E-01	2.87E-12	0.00E+00	1.19E+00	2.66E-06	8.09E-04	1.56E-03	0.00E+00	-3.25E-04	2.29E-10	9.28E-09	7.92E-03	4.00E-01	0.00E+00	0.00E+00	1.06E+00
MC163A	1.84E-03	2.07E-01	6.90E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.19E-06	1.17E-03	1.82E-03	0.00E+00	-1.10E-04	2.29E-10	1.25E-08	7.33E-03	3.98E-01	0.00E+00	0.00E+00	1.02E+00
MC163P	1.82E-03	1.67E-01	7.90E-03	1.55E-01	2.87E-12	0.00E+00	1.20E+00	2.66E-06	9.78E-04	1.58E-03	0.00E+00	-3.58E-04	2.34E-10	1.08E-08	7.95E-03	4.04E-01	0.00E+00	0.00E+00	1.06E+00
MC201A	2.28E-03	3.99E-01	1.21E-02	3.79E-01	2.87E-12	0.00E+00	2.07E+00	3.85E-06	5.61E-04	3.39E-03	0.00E+00	-3.05E-04	4.02E-10	9.70E-09	1.36E-02	5.60E-01	0.00E+00	0.00E+00	1.65E+00
MC202A	2.27E-03	4.00E-01	1.19E-02	3.81E-01	2.87E-12	0.00E+00	2.08E+00	3.84E-06	5.91E-04	3.39E-03	0.00E+00	-3.01E-04	4.01E-10	9.98E-09	1.36E-02	5.55E-01	0.00E+00	0.00E+00	1.65E+00
MC203A	2.28E-03	3.99E-01	1.19E-02	3.79E-01	2.87E-12	0.00E+00	2.08E+00	3.86E-06	9.48E-04	3.39E-03	0.00E+00	-3.01E-04	4.02E-10	1.10E-08	1.36E-02	5.58E-01	0.00E+00	0.00E+00	1.66E+00
MC204A	2.28E-03	4.00E-01	1.21E-02	3.80E-01	2.87E-12	0.00E+00	2.07E+00	3.85E-06	9.51E-04	3.39E-03	0.00E+00	-3.02E-04	4.02E-10	1.12E-08	1.36E-02	5.60E-01	0.00E+00	0.00E+00	1.66E+00
MC206A	1.35E-03	3.20E-01	9.11E-03	3.09E-01	2.87E-12	0.00E+00	1.77E+00	3.50E-06	5.40E-04	2.78E-03	0.00E+00	-1.57E-04	3.24E-10	7.34E-09	1.18E-02	4.95E-01	0.00E+00	0.00E+00	1.36E+00
MC206P	2.52E-03	2.99E-01	1.21E-02	2.86E-01	2.87E-12	0.00E+00	2.23E+00	4.80E-06	5.64E-04	2.82E-03	0.00E+00	-2.13E-04	3.93E-10	1.12E-08	1.49E-02	6.05E-01	0.00E+00	0.00E+00	1.82E+00
MC210A	1.37E-03	2.69E-01	7.70E-03	2.54E-01	2.87E-12	0.00E+00	1.58E+00	3.35E-06	5.25E-04	2.39E-03	0.00E+00	-9.53E-05	2.86E-10	6.69E-09	1.02E-02	4.36E-01	0.00E+00	0.00E+00	1.19E+00
MC210P	1.34E-03	2.30E-01	7.80E-03	2.19E-01	2.87E-12	0.00E+00	1.68E+00	3.74E-06	5.10E-04	2.11E-03	0.00E+00	-9.73E-05	3.04E-10	6.65E-09	1.19E-02	4.60E-01	0.00E+00	0.00E+00	1.39E+00

MBS216C	2.32E-03	2.52E+00	0.00E+00	1.97E-08	9.88E-09	6.39E-04	7.39E-08	2.32E-01	0.00E+00	2.52E+00	7.76E-07	2.52E+00	2.75E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.80E+01
MBS216E	2.14E-03	2.35E+00	0.00E+00	1.87E-08	9.81E-09	6.74E-04	7.65E-08	2.29E-01	0.00E+00	2.35E+00	4.40E-07	2.35E+00	2.57E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
MBS220E	2.41E-03	2.33E+00	0.00E+00	1.85E-08	9.46E-09	6.73E-04	7.46E-08	2.30E-01	0.00E+00	2.33E+00	4.28E-07	2.33E+00	2.54E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.82E+01
MBS225E	2.87E-03	2.48E+00	0.00E+00	1.99E-08	9.88E-09	7.57E-04	8.67E-08	2.46E-01	0.00E+00	2.48E+00	4.67E-07	2.48E+00	2.72E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.13E+01
MBS232E	2.87E-03	3.03E+00	0.00E+00	2.49E-08	1.33E-08	9.87E-04	1.13E-07	3.26E-01	0.00E+00	3.03E+00	5.77E-07	3.03E+00	3.36E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	7.00E+01
MBS263E	3.98E-03	3.24E+00	0.00E+00	2.55E-08	1.46E-08	9.80E-04	1.46E-07	3.55E-01	0.00E+00	3.24E+00	5.58E-07	3.24E+00	3.50E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MBS306	3.69E-03	3.25E+00	0.00E+00	2.66E-08	1.32E-08	1.01E-03	1.22E-07	3.17E-01	0.00E+00	3.25E+00	5.84E-07	3.25E+00	3.56E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MBS310	2.92E-03	3.35E+00	0.00E+00	2.72E-08	1.36E-08	1.02E-03	1.04E-07	3.28E-01	0.00E+00	3.35E+00	6.61E-07	3.35E+00	3.68E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MBS310C	2.98E-03	3.15E+00	0.00E+00	2.49E-08	1.43E-08	1.01E-03	1.10E-07	3.44E-01	0.00E+00	3.15E+00	6.39E-07	3.15E+00	3.50E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
MBS313	2.92E-03	3.45E+00	0.00E+00	2.79E-08	1.41E-08	1.05E-03	1.04E-07	3.44E-01	0.00E+00	3.45E+00	6.74E-07	3.45E+00	3.79E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBS313C	3.00E-03	3.21E+00	0.00E+00	2.54E-08	1.44E-08	1.02E-03	1.12E-07	3.47E-01	0.00E+00	3.21E+00	6.88E-07	3.21E+00	3.59E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.00E+01
MBS316	1.71E-03	2.82E+00	0.00E+00	2.33E-08	1.15E-08	9.08E-04	7.04E-08	2.65E-01	0.00E+00	2.82E+00	5.45E-07	2.82E+00	3.09E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
MBS316C	3.07E-03	3.19E+00	0.00E+00	2.53E-08	1.44E-08	1.01E-03	1.14E-07	3.49E-01	0.00E+00	3.19E+00	6.90E-07	3.19E+00	3.57E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MBS320	2.92E-03	3.62E+00	0.00E+00	2.90E-08	1.51E-08	1.11E-03	1.05E-07	3.75E-01	0.00E+00	3.62E+00	6.76E-07	3.62E+00	3.99E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MBS320W	3.10E-03	3.66E+00	0.00E+00	2.92E-08	1.49E-08	1.09E-03	1.10E-07	3.73E-01	0.00E+00	3.66E+00	3.60E-07	3.66E+00	4.03E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MBS325	3.70E-03	4.40E+00	0.00E+00	3.50E-08	1.88E-08	1.33E-03	1.29E-07	4.90E-01	0.00E+00	4.40E+00	6.95E-07	4.40E+00	4.89E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBS332	3.08E-03	4.62E+00	0.00E+00	3.74E-08	2.05E-08	1.52E-03	1.17E-07	5.08E-01	0.00E+00	4.62E+00	7.39E-07	4.62E+00	5.12E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBS340	4.79E-03	4.60E+00	0.00E+00	3.72E-08	2.04E-08	1.51E-03	1.59E-07	5.07E-01	0.00E+00	4.60E+00	7.22E-07	4.60E+00	5.11E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MBS350	4.57E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.61E-03	1.56E-07	5.58E-01	0.00E+00	4.97E+00	7.59E-07	4.97E+00	5.53E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MBS363	4.57E-03	5.03E+00	0.00E+00	4.04E-08	2.24E-08	1.62E-03	1.56E-07	5.68E-01	0.00E+00	5.03E+00	7.81E-07	5.03E+00	5.60E+00	5.68E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MBS506	2.59E-03	2.51E+00	0.00E+00	1.95E-08	9.49E-09	6.31E-04	7.97E-08	2.22E-01	0.00E+00	2.51E+00	7.85E-07	2.51E+00	2.72E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
MBS506E	2.61E-03	2.50E+00	0.00E+00	1.95E-08	9.49E-09	6.30E-04	8.02E-08	2.23E-01	0.00E+00	2.50E+00	7.69E-07	2.50E+00	2.71E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
MBS510	2.03E-03	2.34E+00	0.00E+00	1.86E-08	9.70E-09	6.28E-04	7.58E-08	2.26E-01	0.00E+00	2.34E+00	4.35E-07	2.34E+00	2.57E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
MBS510E	2.25E-03	2.52E+00	0.00E+00	1.96E-08	9.74E-09	6.34E-04	7.61E-08	2.28E-01	0.00E+00	2.52E+00	7.86E-07	2.52E+00	2.73E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MBS513	2.26E-03	2.52E+00	0.00E+00	1.96E-08	9.79E-09	6.36E-04	7.56E-08	2.30E-01	0.00E+00	2.52E+00	7.80E-07	2.52E+00	2.74E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.76E+01
MBS516	2.04E-03	2.36E+00	0.00E+00	1.89E-08	9.81E-09	6.41E-04	7.52E-08	2.28E-01	0.00E+00	2.36E+00	4.48E-07	2.36E+00	2.59E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
MBS516E	2.05E-03	2.36E+00	0.00E+00	1.88E-08	9.80E-09	6.31E-04	7.57E-08	2.28E-01	0.00E+00	2.36E+00	4.30E-07	2.36E+00	2.59E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
MBS520	2.06E-03	2.35E+00	0.00E+00	1.87E-08	9.87E-09	6.78E-04	7.46E-08	2.30E-01	0.00E+00	2.35E+00	4.33E-07	2.35E+00	2.57E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MBS520E	2.02E-03	2.34E+00	0.00E+00	1.87E-08	9.87E-09	6.74E-04	7.40E-08	2.30E-01	0.00E+00	2.34E+00	4.33E-07	2.34E+00	2.56E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MBS525	2.65E-03	2.59E+00	0.00E+00	2.03E-08	9.92E-09	7.60E-04	9.47E-08	2.49E-01	0.00E+00	2.59E+00	6.36E-07	2.59E+00	2.82E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MBS525E	2.65E-03	2.59E+00	0.00E+00	2.03E-08	9.92E-09	7.60E-04	9.47E-08	2.49E-01	0.00E+00	2.59E+00	6.36E-07	2.59E+00	2.82E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MBS532	3.59E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.04E-03	1.28E-07	3.48E-01	0.00E+00	3.29E+00	5.59E-07	3.29E+00	3.61E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBS532E	2.42E-03	3.05E+00	0.00E+00	2.48E-08	1.44E-08	1.03E-03	9.82E-08	3.51E-01	0.00E+00	3.05E+00	4.56E-07	3.05E+00	3.37E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
MBS540E	3.17E-03	3.08E+00	0.00E+00	2.53E-08	1.45E-08	1.03E-03	1.12E-07	3.50E-01	0.00E+00	3.08E+00	5.79E-07	3.08E+00	3.41E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MBS550E	3.00E-03	3.24E+00	0.00E+00	2.60E-08	1.46E-08	1.05E-03	1.07E-07	3.63E-01	0.00E+00	3.24E+00	4.79E-07	3.24E+00	3.61E+00	3.63E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MBS563E	3.12E-03	3.30E+00	0.00E+00	2.66E-08	1.48E-08	1.06E-03	1.11E-07	3.71E-01	0.00E+00	3.30E+00	5.83E-07	3.30E+00	3.68E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.87E+01
MBS606	5.24E-03	4.57E+00	0.00E+00	3.70E-08	1.78E-08	1.35E-03	1.71E-07	4.34E-01	0.00E+00	4.57E+00	8.19E-07	4.57E+00	5.02E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	8.62E+01
MBS606E	5.43E-03	4.35E+00	0.00E+00	3.56E-08	1.77E-08	1.35E-03	1.76E-07	4.22E-01	0.00E+00	4.35E+00	7.78E-07	4.35E+00	4.77E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
MBS610	3.91E-03	4.59E+00	0.00E+00	3.72E-08	1.84E-08	1.37E-03	1.46E-07	4.41E-01	0.00E+00	4.59E+00	8.70E-07	4.59E+00	5.03E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.85E+01
MBS610E	3.90E-03	4.48E+00	0.00E+00	3.64E-08	1.82E-08	1.36E-03	1.39E-07	4.36E-01	0.00E+00	4.48E+00	8.80E-07	4.48E+00	4.91E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MBS613	3.92E-03	4.62E+00	0.00E+00	3.72E-08	1.86E-08	1.38E-03	1.46E-07	4.46E-01	0.00E+00	4.62E+00	8.64E-07	4.62E+00	5.06E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	8.94E+01
MBS616	3.90E-03	4.58E+00	0.00E+00	3.72E-08	1.87E-08	1.39E-03	1.39E-07	4.52E-01	0.00E+00	4.58E+00	8.82E-07	4.58E+00	5.04E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
MBS616E	3.90E-03	4.58E+00	0.00E+00	3.72E-08	1.87E-08	1.39E-03	1.39E-07	4.52E-01	0.00E+00	4.58E+00	8.82E-07	4.58E+00	5.04E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
MBS620	3.99E-03	4.79E+00	0.00E+00	3.85E-08	1.95E-08	1.46E-03	1.47E-07	4.72E-01	0.00E+00	4.79E+00	8.87E-07	4.79E+00	5.28E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBS620E	3.90E-03	4.83E+00	0.00E+00	3.88E-08	2.01E-08	1.48E-03	1.40E-07	4.97E-01	0.00E+00	4.83E+00	8.97E-07	4.83E+00	5.32E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBS625	4.90E-03	4.84E+00	0.00E+00	3.89E-08	2.00E-08	1.52E-03	1.61E-07	4.98E-01	0.00E+00	4.84E+00	3.88E-07	4.84E+00	5.36E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBS625E	5.44E-03	5.87E+00	0.00E+00	4.68E-08	2.50E-08	1.77E-03	1.85E-07	6.50E-01	0.00E+00	5.87E+00	9.16E-07	5.87E+00	6.52E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBS632	4.25E-03	6.14E+00	0.00E+00	4.92E-08	2.67E-08	1.98E-03	1.79E-07	6.66E-01	0.00E+00	6.14E+00	9.70E-07	6.14E+00	6.74E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MBS632E	4.10E-03	6.15E+00	0.00E+00	4.99E-08	2.72E-08	2.02E-03	1.57E-07	6.73E-01	0.00E+00	6.15E+00	9.75E-07	6.15E+00	6.83E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MBS640	6.32E-03	6.23E+00	0.00E+00	4.96E-08	2.72E-08	2.00E-03	2.11E-07	6.86E-01	0.00E+00	6.23E+00	9.94E-07	6.23E+00	6.83E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
MBS640E	6.39E-03	6.16E+00	0.00E+00	4.98E-08	2.73E-08	2.02E-03	2.12E-07	6.77E-01	0.00E+00	6.16E+00	9.73E-07	6.16E+00	6.84E+00	6.77E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MBS650E	6.10E-03	6.65E+00	0.00E+00	5.35E-08	2.95E-08	2.15E-03	2.08E-07	7.45E-01	0.00E+00	6.65E+00	1.02E-06	6.65E+00	7.40E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBS663E	6.10E-03	6.73E+00	0.00E+00	5.40E-08	2.99E-08	2.16E-03	2.09E-07	7.58E-01	0.00E+00	6.73E+00	1.05E-06	6.73E+00	7.48E+00	7.58E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MC100A	2.32E-03	1.44E+00	0.00E+00	1.16E-08	5.76E-09	4.48E-04	6.53E-08	1.38E-01	0.00E+00	1.44E+00	2.50E-07	1.44E+00	1.57E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MC101A	2.88E-03	1.45E+00	0.00E+00	1.17E-08	5.84E-09	4.49E-04	6.68E-08	1.39E-01	0.00E+00	1.45E+00	2.58E-07	1.45E+00	1.58E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MC102A	2.76E-03	1.43E+00	0.00E+00	1.16E-08	5.82E-09	4.47E-04	6.07E-08	1.40E-01	0.00E+00	1.43E+00	2.48E-07	1.43E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MC103A	2.81E-03	1.42E+00	0.00E+00	1.15E-08	5.76E-09	4.44E-04	6.13E-08	1.40E-01	0.00E+00	1.42E+00	2.43E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MC104A	2.55E-03	1.42E+00	0.00E+00	1.15E-08	5.76E-09	4.45E-04	6.45E-08	1.38E-01	0.00E+00	1.42E+00	2.48E-07	1.42E+00	1.56E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MC106A	1.04E-03	1.23E+00	0.00E+00	9.93E-09	4.82E-09	3.60E-04	4.28E-08	1.19E-01	0.00E+00	1.23E+00	2.79E-07	1.23E+00	1.35E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MC106P	3.48E-03	1.88E+00	0.00E+00	1.48E-08	7.45E-09	4.17E-04	9.34E-08	1.52E-01	0.00E+00	1.88E+00	5.67E-07	1.88E+00	2.07E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
MC110A	6.06E-04	1.14E+00	0.00E+00	9.21E-09	4.44E-09	3.15E-04	3.29E-08	1.08E-01	0.00E+00	1.14E+00	6.34E-07	1.14E+00	1.25E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MC110P	6.06E-04	1.24E+00	0.00E+00	9.83E-09	4.80E-09	3.22E-04	4.54E-08	1.13E-01	0.00E+00	1.24E+00	3.06E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MC113A	9.84E-04	1.27E+00	0.00E+00	1.03E-08	5.08E-09	3.78E-04	3.96E-08	1.26E-01	0.00E+00	1.27E+00	2.59E-07	1.27E+00	1.40E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MC116A	5.70E-04	1.04E+00	0.00E+00	8.44E-09	4.12E-09	3.14E-04	2.44E-08	1.02E-01	0.00E+00	1.04E+00	2.14E-07	1.04E+00	1.15E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+01
MC116P	6.35E-04	1.24E+00	0.00E+00	9.83E-09	4.79E-09	3.24E-04	4.54E-08	1.13E-01	0.00E+00	1.24E+00	3.07E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MC120A	1.03E-03	1.29E+00	0.00E+00	1.04E-08	5.16E-09	3.86E-04	4.03E-08	1.30E-01	0.00E+00	1.29E+00	2.58E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
MC120P	6.05E-04	1.26E+00	0.00E+00	9.92E-09	4.82E-09	3.24E-04	4.57E-08	1.13E-01	0.00E+00	1.26E+00	3.06E-07	1.26E+00	1.38E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+01
MC125A	1.05E-03	1.33E+00	0.00E+00	1.07E-08	5.37E-09	3.96E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MC125P	3.50E-03	1.93E+00	0.00E+00	1.51E-08	7.63E-09	4.27E-04	1.03E-07	1.58E-01	0.00E+00	1.93E+00	5.70E-07	1.93E+00	2.11E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MC132A	1.04E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.95E-04	3.97E-08	1.60E-01	0.00E+00	1.51E+00	2.30E-07	1.51E+00	1.67E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MC132P	3.65E-03	1.96E+00	0.00E+00	1.51E-08	7.76E-09	4.45E-04	1.02E-07	1.69E-01	0.00E+00	1.96E+00	5.71E-07	1.96E+00	2.13E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.53E+01
MC140A	1.09E-03	1.50E+00	0.00E+00	1.23E-08	6.60E-09	4.95E-04	3.97E-08	1.60E-01	0.00E+00	1.50E+00	2.26E-07	1.50E+00	1.67E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MC140P	3.51E-03	1.99E+00	0.00E+00	1.52E-08	7.94E-09	4.59E-04	9.65E-08	1.72E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.17E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MC150A	1.44E-03	1.64E+00	0.00E+00	1.34E-08	7.24E-09	5.31E-04	4.74E-08	1.82E-01	0.00E+00	1.64E+00	2.30E-07	1.64E+00	1.82E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
MC150P	4.41E-03	2.03E+00	0.00E+00	1.56E-08	8.09E-09	5.27E-04	1.02E-07	1.87E-01	0.00E+00	2.03E+00	5.81E-07	2.03E+00	2.22E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.89E+01
MC163A	1.54E-03	1.62E+00	0.00E+00	1.32E-08	7.13E-09	5.36E-04	4.89E-08	1.80E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.80E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MC163P	4.81E-03	2.03E+00	0.00E+00	1.56E-08	8.06E-09	5.28E-04	1.14E-07	1.88E-01	0.00E+00	2.03E+00	5.78E-07	2.03E+00	2.21E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MC201A	2.89E-03	2.95E+00	0.00E+00	2.42E-08	1.23E-08	8.87E-04	1.32E-07	2.93E-01	0.00E+00	2.95E+00	5.62E-07	2.95E+00	3.29E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MC202A	2.86E-03	2.94E+00	0.00E+00	2.41E-08	1.23E-08	8.87E-04	1.27E-07	2.93E-01	0.00E+00	2.94E+00	5.65E-07	2.94E+00	3.29E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.76E+01
MC203A	2.87E-03	2.95E+00	0.00E+00	2.42E-08	1.23E-08	8.87E-04	1.31E-07	2.95E-01	0.00E+00	2.95E+00	5.67E-07	2.95E+00	3.30E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
MC204A	2.85E-03	2.94E+00	0.00E+00	2.41E-08	1.23E-08	8.87E-04	1.27E-07	2.94E-01	0.00E+00	2.94E+00	5.67E-07	2.94E+00	3.29E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
MC206A	2.23E-03	2.56E+00	0.00E+00	2.05E-08	9.62E-09	7.33E-04	7.29E-08	2.40E-01	0.00E+00	2.56E+00	6.29E-07	2.56E+00	2.81E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MC206P	4.14E-03	3.71E+00	0.00E+00	2.91E-08	1.43E-08	9.00E-04	1.36E-07	3.37E-01	0.00E+00	3.71E+00	1.18E-06	3.71E+00	4.09E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MC210A	1.24E-03	2.46E+00	0.00E+00	1.91E-08	8.75E-09	6.32E-04	5.79E-08	2.13E-01	0.00E+00	2.46E+00	7.93E-07	2.46E+00	2.66E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
MC210P	1.23E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.15E-04	5.22E-08	2.42E-01	0.00E+00	2.80E+00	8.26E-07	2.80E+00	3.04E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01

MC213A	1.50E-03	3.23E-01	9.37E-03	3.14E-01	2.87E-12	0.00E+00	1.84E+00	3.56E-06	7.04E-04	2.81E-03	0.00E+00	-1.58E-04	3.37E-10	8.16E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.44E+00	2.20E-03	2.60E+00	0.00E+00	2.06E-08	1.00E-08	7.34E-04	8.05E-08	2.50E-01	0.00E+00	2.60E+00	6.39E-07	2.60E+00	2.84E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+01
MC216A	1.51E-03	3.22E-01	9.31E-03	3.12E-01	2.87E-12	0.00E+00	1.83E+00	3.54E-06	6.92E-04	2.80E-03	0.00E+00	-1.51E-04	3.29E-10	8.24E-09	1.20E-02	5.06E-01	0.00E+00	0.00E+00	1.41E+00	2.18E-03	2.58E+00	0.00E+00	2.06E-08	9.95E-09	7.33E-04	7.29E-08	2.46E-01	0.00E+00	2.58E+00	6.32E-07	2.58E+00	2.82E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MC216P	1.06E-03	1.45E-01	4.31E-03	1.35E-01	2.87E-12	0.00E+00	7.55E-01	1.70E-06	5.87E-04	1.19E-03	0.00E+00	-7.72E-05	1.27E-10	7.29E-09	4.79E-03	2.09E-01	0.00E+00	0.00E+00	5.93E-01	1.19E-03	1.21E+00	0.00E+00	9.10E-09	4.22E-09	3.13E-04	4.91E-08	1.05E-01	0.00E+00	1.21E+00	3.80E-07	1.21E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MC220A	1.62E-03	2.64E-01	7.52E-03	2.56E-01	2.87E-12	0.00E+00	1.68E+00	3.22E-06	7.23E-04	2.38E-03	0.00E+00	-8.20E-05	2.85E-10	9.32E-09	1.14E-02	4.40E-01	0.00E+00	0.00E+00	1.33E+00	1.18E-03	2.34E+00	0.00E+00	1.92E-08	1.01E-08	6.26E-04	5.08E-08	2.33E-01	0.00E+00	2.34E+00	4.05E-07	2.34E+00	2.63E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MC220P	1.23E-03	1.46E-01	4.80E-03	1.38E-01	2.87E-12	0.00E+00	7.50E-01	1.74E-06	7.10E-04	1.21E-03	0.00E+00	-1.55E-04	1.26E-10	8.09E-09	4.77E-03	2.14E-01	0.00E+00	0.00E+00	6.00E-01	2.95E-03	1.22E+00	0.00E+00	9.09E-09	4.24E-09	3.24E-04	7.57E-08	1.05E-01	0.00E+00	1.22E+00	4.59E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MC225A	1.92E-03	3.27E-01	9.19E-03	3.17E-01	2.87E-12	0.00E+00	1.92E+00	3.59E-06	9.99E-04	2.84E-03	0.00E+00	-1.46E-04	3.28E-10	1.16E-08	1.21E-02	5.27E-01	0.00E+00	0.00E+00	1.52E+00	2.08E-03	2.59E+00	0.00E+00	2.07E-08	1.04E-08	7.66E-04	9.26E-08	2.67E-01	0.00E+00	2.59E+00	4.58E-07	2.59E+00	2.86E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MC225P	2.61E-03	2.79E-01	1.21E-02	2.68E-01	2.87E-12	0.00E+00	2.21E+00	4.87E-06	1.13E-03	2.80E-03	0.00E+00	-2.04E-04	3.85E-10	1.33E-08	1.49E-02	6.07E-01	0.00E+00	0.00E+00	1.85E+00	3.59E-03	3.81E+00	0.00E+00	2.98E-08	1.45E-08	9.02E-04	1.19E-07	3.38E-01	0.00E+00	3.81E+00	1.15E-06	3.81E+00	4.15E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MC232A	2.92E-03	3.95E-01	1.19E-02	3.83E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.69E-03	3.51E-03	0.00E+00	-1.72E-04	4.18E-10	1.77E-08	1.37E-02	7.04E-01	0.00E+00	0.00E+00	1.83E+00	2.37E-03	3.01E+00	0.00E+00	2.45E-08	1.32E-08	9.78E-04	8.48E-08	3.23E-01	0.00E+00	3.01E+00	5.63E-07	3.01E+00	3.34E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
MC232P	1.46E-03	1.54E-01	4.95E-03	1.43E-01	2.87E-12	0.00E+00	7.43E-01	1.70E-06	1.06E-03	1.22E-03	0.00E+00	-1.51E-04	1.26E-10	1.10E-08	4.78E-03	2.14E-01	0.00E+00	0.00E+00	5.96E-01	3.24E-03	1.21E+00	0.00E+00	9.00E-09	4.22E-09	3.24E-04	9.28E-08	1.05E-01	0.00E+00	1.21E+00	5.14E-07	1.21E+00	1.30E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MC240A	3.21E-03	3.97E-01	1.27E-02	3.85E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.82E-03	3.52E-03	0.00E+00	-2.16E-04	4.22E-10	2.06E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	2.97E-03	3.01E+00	0.00E+00	2.46E-08	1.33E-08	9.82E-04	1.03E-07	3.26E-01	0.00E+00	3.01E+00	5.63E-07	3.01E+00	3.35E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MC240P	3.05E-03	3.63E-01	1.29E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.47E-03	3.25E-03	0.00E+00	-2.66E-04	3.96E-10	1.78E-08	1.53E-02	7.41E-01	0.00E+00	0.00E+00	1.96E+00	4.11E-03	3.80E+00	0.00E+00	2.98E-08	1.52E-08	9.25E-04	1.21E-07	3.44E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.12E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MC250A	3.44E-03	4.09E-01	1.35E-02	3.93E-01	2.87E-12	0.00E+00	2.29E+00	4.14E-06	1.78E-03	3.63E-03	0.00E+00	-2.19E-04	4.56E-10	2.07E-08	1.43E-02	7.75E-01	0.00E+00	0.00E+00	1.94E+00	2.93E-03	3.10E+00	0.00E+00	2.53E-08	1.34E-08	9.96E-04	1.04E-07	3.34E-01	0.00E+00	3.10E+00	5.69E-07	3.10E+00	3.41E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MC263A	4.65E-03	4.07E-01	1.44E-02	3.92E-01	2.87E-12	0.00E+00	2.29E+00	4.16E-06	2.75E-03	3.61E-03	0.00E+00	-2.31E-04	4.64E-10	3.14E-08	1.43E-02	8.11E-01	0.00E+00	0.00E+00	1.98E+00	3.14E-03	3.10E+00	0.00E+00	2.53E-08	1.35E-08	1.00E-03	1.22E-07	3.38E-01	0.00E+00	3.10E+00	5.62E-07	3.10E+00	3.41E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MC263P	3.48E-03	1.54E-01	5.20E-03	1.45E-01	2.87E-12	0.00E+00	7.39E-01	1.70E-06	2.09E-03	1.25E-03	0.00E+00	-4.44E-04	1.26E-10	2.26E-08	4.77E-03	2.14E-01	0.00E+00	0.00E+00	5.91E-01	5.60E-03	1.21E+00	0.00E+00	9.02E-09	4.23E-09	3.24E-04	1.32E-07	1.05E-01	0.00E+00	1.21E+00	5.29E-07	1.21E+00	1.29E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MC301A	3.23E-03	5.83E-01	1.65E-02	5.61E-01	2.87E-12	0.00E+00	3.19E+00	5.78E-06	9.37E-04	5.09E-03	0.00E+00	-2.83E-04	5.79E-10	1.35E-08	2.10E-02	8.51E-01	0.00E+00	0.00E+00	2.38E+00	3.71E-03	4.25E+00	0.00E+00	3.45E-08	1.72E-08	1.33E-03	1.40E-07	4.20E-01	0.00E+00	4.25E+00	7.55E-07	4.25E+00	4.67E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
MC302A	3.25E-03	5.84E-01	1.65E-02	5.62E-01	2.87E-12	0.00E+00	3.19E+00	5.77E-06	1.14E-03	5.09E-03	0.00E+00	-2.79E-04	5.79E-10	1.42E-08	2.10E-02	8.51E-01	0.00E+00	0.00E+00	2.38E+00	3.64E-03	4.24E+00	0.00E+00	3.45E-08	1.72E-08	1.33E-03	1.39E-07	4.20E-01	0.00E+00	4.24E+00	7.56E-07	4.24E+00	4.67E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
MC303A	3.27E-03	5.82E-01	1.64E-02	5.60E-01	2.87E-12	0.00E+00	3.08E+00	5.62E-06	1.30E-03	5.07E-03	0.00E+00	-2.75E-04	5.82E-10	1.48E-08	1.99E-02	8.51E-01	0.00E+00	0.00E+00	2.39E+00	3.62E-03	4.24E+00	0.00E+00	3.46E-08	1.72E-08	1.33E-03	1.34E-07	4.22E-01	0.00E+00	4.24E+00	7.58E-07	4.24E+00	4.67E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.57E+01
MC304A	3.26E-03	5.91E-01	1.64E-02	5.69E-01	2.87E-12	0.00E+00	2.95E+00	5.67E-06	1.30E-03	5.13E-03	0.00E+00	-2.75E-04	5.83E-10	1.49E-08	1.99E-02	8.59E-01	0.00E+00	0.00E+00	2.43E+00	3.58E-03	4.29E+00	0.00E+00	3.47E-08	1.72E-08	1.33E-03	1.33E-07	4.27E-01	0.00E+00	4.29E+00	7.60E-07	4.29E+00	4.70E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MC306A	2.17E-03	4.73E-01	1.37E-02	4.60E-01	2.87E-12	0.00E+00	2.63E+00	4.94E-06	8.72E-04	4.20E-03	0.00E+00	-2.49E-04	4.67E-10	1.09E-08	1.73E-02	6.70E-01	0.00E+00	0.00E+00	1.95E+00	3.21E-03	3.61E+00	0.00E+00	2.90E-08	1.40E-08	1.09E-03	1.12E-07	3.49E-01	0.00E+00	3.61E+00	7.16E-07	3.61E+00	3.97E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
MC306P	2.67E-03	4.27E-01	1.73E-02	3.87E-01	2.87E-12	0.00E+00	2.89E+00	6.86E-06	9.39E-04	4.10E-03	0.00E+00	-4.28E-04	5.01E-10	1.29E-08	2.17E-02	8.39E-01	0.00E+00	0.00E+00	2.43E+00	6.07E-03	5.52E+00	0.00E+00	4.18E-08	1.95E-08	1.21E-03	1.71E-07	4.35E-01	0.00E+00	5.52E+00	1.58E-06	5.52E+00	5.95E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.83E+01
MC310A	2.30E-03	4.79E-01	1.41E-02	4.66E-01	2.87E-12	0.00E+00	2.73E+00	5.08E-06	1.05E-03	4.24E-03	0.00E+00	-2.22E-04	4.84E-10	1.21E-08	1.77E-02	6.76E-01	0.00E+00	0.00E+00	2.00E+00	2.94E-03	3.72E+00	0.00E+00	2.99E-08	1.45E-08	1.12E-03	1.04E-07	3.64E-01	0.00E+00	3.72E+00	7.36E-07	3.72E+00	4.10E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
MC310P	1.94E-03	4.19E-01	1.16E-02	4.04E-01	2.87E-12	0.00E+00	2.21E+00	4.09E-06	8.31E-04	3.65E-03	0.00E+00	-2.17E-04	4.34E-10	1.04E-08	1.43E-02	6.00E-01	0.00E+00	0.00E+00	1.72E+00	2.15E-03	3.11E+00	0.00E+00	2.51E-08	1.25E-08	9.37E-04	9.90E-08	3.05E-01	0.00E+00	3.11E+00	6.51E-07	3.11E+00	3.41E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MC313A	2.38E-03	4.95E-01	1.36E-02	4.81E-01	2.87E-12	0.00E+00	2.77E+00	5.11E-06	1.09E-03	4.27E-03	0.00E+00	-2.24E-04	4.85E-10	1.24E-08	1.80E-02	6.85E-01	0.00E+00	0.00E+00	2.03E+00	2.96E-03	3.76E+00	0.00E+00	3.03E-08	1.46E-08	1.13E-03	1.15E-07	3.70E-01	0.00E+00	3.76E+00	7.40E-07	3.76E+00	4.13E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.15E+01
MC316A	1.91E-03	4.11E-01	1.56E-02	3.97E-01	2.87E-12	0.00E+00	2.14E+00	3.91E-06	8.65E-04	3.55E-03	0.00E+00	-1.32E-04	3.55E-10	1.03E-08	1.34E-02	5.63E-01	0.00E+00	0.00E+00	1.59E+00	1.78E-03	3.03E+00	0.00E+00	2.46E-08	1.19E-08	9.31E-04	8.11E-08	2.85E-01	0.00E+00	3.03E+00	3.36E-07	3.03E+00	3.31E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	5.63E+01
MC316P	1.98E-03	4.20E-01	1.16E-02	4.07E-01	2.87E-12	0.00E+00	2.22E+00	4.11E-06	8.98E-04	3.65E-03	0.00E+00	-2.08E-04	4.38E-10	1.07E-08	1.43E-02	6.04E-01	0.00E+00	0.00E+00	1.73E+00	2.09E-03	3.11E+00	0.00E+00	2.52E-08	1.26E-08	9.41E-04	9.87E-08	3.06E-01	0.00E+00	3.11E+00	6.47E-07	3.11E+00	3.43E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
MC320A	2.57E-03	4.91E-01	1.40E-02	4.78E-01	2.87E-12	0.00E+00	2.79E+00	5.25E-06	1.19E-03	4.25E-03	0.00E+00	-2.22E-04	5.08E-10	1.43E-08	1.80E-02	7.48E-01	0.00E+00	0.00E+00	2.15E+00	2.97E-03	3.79E+00	0.00E+00	3.04E-08	1.50E-08	1.13E-03	1.10E-07	3.81E-01	0.00E+00	3.79E+00	7.34E-07	3.79E+00	4.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
MC325A	2.91E-03	5.02E-01	2.60E-02	4.89E-01	2.87E-12	0.00E+00	2.96E+00	5.58E-06	1.53E-03	4.39E-03	0.00E+00	-2.23E-04	5.40E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.94E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.19E-03	1.10E-07	4.13E-01	0.00E+00	4.01E+00	3.64E-07	4.01E+00	4.41E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
MC325P	3.29E-03	5.06E-01	1.76E-02	4.72E-01	2.87E-12	0.00E+00	3.04E+00	7.15E-06	1.51E-03	4.51E-03	0.00E+00	-4.21E-04	5.85E-10	1.83E-08	2.29E-02	9.42E-01	0.00E+00	0.00E+00	2.67E+00	6.01E-03	5.64E+00	0.00E+00	4.32E-08	2.12E-08	1.34E-03	1.73E-07	4.72E-01	0.00E+00	5.64E+00	1.69E-06	5.64E+00	6.07E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.82E+01
MC332A	4.88E-03	5.95E-01	2.89E-02	5.75E-01	2.87E-12	0.00E+00	3.55E+00	6.15E-06	2.86E-03	5.26E-03	0.00E+00	-2.38E-04	6.24E-10	3.12E-08	2.27E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	3.12E-03	4.50E+00	0.00E+00	3.66E-08	1.97E-08	1.48E-03	1.17E-07	4.89E-01	0.00E+00	4.50E+00	3.65E-07	4.50E+00	5.02E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MC332P	4.51E-03	5.05E-01	1.95E-02	4.77E-01	2.87E-12	0.00E+00	3.41E+00	7.17E-06	2.43E-03	4.51E-03	0.00E+00	-5.00E-04	6.14E-10	2.84E-08	2.26E-02	1.09E+00	0.00E+00	0.00E+00	2.86E+00	6.08E-03	5.80E+00	0.00E+00	4.51E-08	2.26E-08	1.40E-03	1.87E-07	5.06E-01	0.00E+00	5.80E+00	1.73E-06	5.80E+00	6.31E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MC340A	4.83E-03	5.87E-01	1.91E-02	5.65E-01	2.87E-12	0.00E+00	3.22E+00	5.72E-06	2.82E-03	5.21E-03	0.00E+00	-3.73E-04	6.17E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.74E+00	4.95E-03	4.38E+00	0.00E+00	3.60E-08	1.98E-08	1.48E-03	1.72E-07	4.83E-01	0.00E+00	4.38E+00	7.10E-07	4.38E+00	4.87E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MC340P	4.45E-03	4.76E-01	1.95E-02	4.40E-01	2.87E-12	0.00E+00	3.29E+00	7.46E-06	2.37E-03	4.41E-03	0.00E+00	-4.79E-04	6.04E-10	2.75E-08	2.36E-02	1.10E+00	0.00E+00	0.00E+00	2.93E+00	6.43E-03	5.84E+00	0.00E+00	4.51E-08	2.30E-08	1.37E-03	2.06E-07	5.15E-01	0.00E+00	5.84E+00	1.76E-06	5.84E+00	6.36E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MC350A	5.66E-03	6.09E-01	2.16E-02	5.90E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	3.45E-03	5.49E-03	0.00E+00	-3.66E-04	6.79E-10	3.75E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.84E-03	4.89E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.52E-01	0.00E+00	4.89E+00	7.49E-07	4.89E+00	5.44E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MC350P	5.03E-03	4.59E-01	2.52E-02	4.27E-01	2.87E-12	0.00E+00	3.63E+00	7.76E-06	2.78E-03	4.48E-03	0.00E+00	-7.79E-04	6.28E-10	3.20E-08	2.41E-02	1.22E+00	0.00E+00	0.00E+00	3.19E+00	8.71E-03	6.03E+00	0.00E+00	4.59E-08	2.32E-08	1.42E-03	3.36E-07	5.58E-01	0.00E+00	6.03E+00	1.61E-06	6.03E+00	6.50E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MC363A	5.72E-03	6.15E-01	2.17E-02	5.95E-01	2.87E-12	0.00E+00	3.68E+00	6.76E-06	3.49E-03	5.53E-03	0.00E+00	-3.67E-04	7.02E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.84E-03	4.97E+00	0.00E+00	3.99E-08	2.21E-08	1.60E-03	1.73E-07	5.63E-01	0.00E+00	4.97E+00	7.62E-07	4.97E+00	5.53E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MC363P	5.08E-03	4.35E-01	2.57E-02	4.14E-01	2.87E-12	0.00E+00	3.66E+00	7.98E-06	2.80E-03	4.43E-03	0.00E+00	-7.93E-04	6.30E-10	3.21E-08	2.47E-02	1.22E+00	0.00E+00	0.00E+00	3.20E+00	1.02E-02	6.08E+00	0.00E+00	4.69E-08	2.43E-08	1.41E-03	3.51E-07	5.62E-01	0.00E+00	6.08E+00	1.73E-06	6.08E+00	6.60E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MC400A	4.91E-03	6.64E-01	3.03E-02	6.37E-01	2.87E-12	0.00E+00	4.36E+00	8.00E-06	1.28E-03	5.99E-03	0.00E+00	-3.01E-04	8.13E-10	2.15E-08	2.75E-02	1.34E+00	0.00E+00	0.00E+00	3.67E+00	4.03E-03	5.99E+00	0.00E+00	4.80E-08	2.52E-08	1.53E-03	1.59E-07	6.56E-01	0.00E+00	5.99E+00	4.01E-07	5.99E+00	6.64E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MC402A	4.91E-03	8.11E-01	2.49E-02	7.98E-01	2.87E-12	0.00E+00	4.37E+00	7.99E-06	1.73E-03	7.11E-03	0.00E+00	-3.07E-04	8.24E-10	2.22E-08	2.76E-02	1.40E+00	0.00E+00	0.00E+00	3.69E+00	4.06E-03	6.08E+00	0.00E+00	4.87E-08	2.63E-08	2.03E-03	1.77E-07	6.59E-01	0.00E+00	6.08E+00	9.33E-07	6.08E+00	6.73E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MC403A	5.06E-03	8.10E-01	2.49E-02	7.97E-01	2.87E-12	0.00E+00	4.37E+00	7.98E-06	2.71E-03	7.11E-03	0.00E+00	-3.10E-04	8.20E-10	3.03E-08	2.76E-02	1.40E+00	0.00E+00	0.00E+00	3.68E+00	4.13E-03	6.08E+00	0.00E+00	4.87E-08	2.63E-08	2.03E-03	1.79E-07	6.58E-01	0.00E+00	6.08E+00	9.37E-07	6.08E+00	6.73E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MC404A	5.06E-03	7.99E-01	2.48E-02	7.87E-01	2.87E-12	0.00E+00	4.35E+00	7.98E-06	2.71E-03	7.01E-03	0.00E+00	-3.07E-04	8.19E-10	3.03E-08	2.75E-02	1.40E+00	0.00E+00	0.00E+00	3.67E+00	4.06E-03	6.00E+00	0.00E+00	4.81E-08	2.61E-08	2.01E-03	1.73E-07	6.56E-01	0.00E+00	6.00E+00	9.36E-07	6.00E+00	6.65E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MC406A	3.08E-03	6.08E-01	1.79E-02	5.92E-01	2.87E-12	0.00E+00	3.43E+00	6.37E-06	1.06E-03	5.37E-03	0.00E+00	-2.95E-04	6.15E-10	1.44E-08	2.24E-02	9.20E-01	0.00E+00	0.00E+00	2.60E+00	4.01E-03	4.74E+00	0.00E+00	3.79E-08	1.79E-08	1.38E-03	1.51E-07	4.60E-01	0.00E+00	4.74E+00	9.13E-07	4.74E+00	5.20E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MC410A	3.34E-03	6.08E-01	1.80E-02	5.93E-01	2.87E-12	0.00E+00	3.45E+00	6.55E-06	1.47E-03	5.38E-03	0.00E+00	-2.96E-04	6.39E-10	1.74E-08	2.26E-02	9.39E-01	0.00E+00	0.00E+00	2.67E+00	4.08E-03	4.77E+00	0.00E+00	3.83E-08	1.81E-08	1.39E-03	1.53E-07	4.69E-01	0.00E+00	4.77E+00	9.41E-07	4.77E+00	5.24E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
MC413A	3.43E-03	6.16E-01	1.82E-02	6.00E-01	2.87E-12	0.00E+00	3.52E+00	6.61E-06	1.55E-03	5.44E-03	0.00E+00	-2.97E-04	6.44E-10	1.83E-08	2.27E-02	9.52E-01	0.00E+00	0.00E+00	2.70E+00	4.06E-03	4.85E+00	0.00E+00	3.89E-08	1.83E-08	1.40E-03	1.56E-07	4.76E-01	0.00E+00	4.85E+00	9.43E-07	4.85E+00	5.36E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
MC416A	2.62E-03	5.61E-01	1.60E-02	5.51E-01	2.87E-12	0.00E+00	3.38E+00	6.22E-06	1.17E-03	4.99E-03	0.00E+00	-2.18E-04	5.26E-10	1.43E-08	2.12E-02	8.04E-01	0.00E+00	0.00E+00	2.37E+00	3.30E-03	4.36E+00	0.00E+00	3.59E-08	1.75E-08	1.32E-03	1.28E-07	4.29E-01	0.00E+00	4.36E+00	7.76E-07	4.36E+00	4.75E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
MC420A	3.66E-03	6.28E-01	1.89E-02	6.08E-01	2.87E-12	0.00E+00	3.76E+00	7.06E-06	1.76E-03	5.49E-03	0.00E+00	-2.99E-04	6.67E-10	2.06E-08	2.38E-02	1.01E+00	0.00E+00	0.00E+00	2.81E+00	4.07E-03	5.11E+00	0.00E+00	4.07E-08	1.97E-08	1.49E-03	1.59E-07	4.95E-01	0.00E+00	5.11E+00	9.68E-07	5.11E+00	5.61E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MC420P	1.62E-03	1.49E-01	6.33E-03	1.43E-01	2.87E-12	0.00E+00	7.51E-01	1.74E-06	1.33E-03	1.23E-03	0.00E+00	-2.28E-04	1.67E-10	1.26E-08	4.77E-03	2.10E-01	0.00E+00	0.00E+00	5.90E-01	3.39E-03	1.22E+00	0.00E+00	9.12E-09	4.24E-09	3.24E-04	1.08E-07	1.05E-01	0.00E+00	1.22E+00	4.55E-07	1.22E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
MC425A	4.16E-03	6.44E-01	3.02E-02	6.23E-01	2.87E-12	0.00E+00	3.96E+00	7.40E-06	2.16E-03	5.78E-03	0.00E+00	-3.01E-04	7.31E-10	2.54E-08	2.51E-02	1.18E+00	0.00E+00	0.00E+00	3.16E+00	4.04E-03	5.40E+00	0.00E+00	4.31E-08	2.17E-08	1.55E-03	1.62E-07	5.59E-01	0.00E+00	5.40E+00	3.87E-07	5.40E+00	5.96E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MC425P	4.33E-03	1.48E-01	6.47E-03	1.39E-01	2.87E-12	0.00E+00	7.51E-01	1.74E-06	2.36E-03	1.23E-03	0.00E+00	-2.30E-04	1.67E-10	2.67E-08	4.79E-03	2.10E-01	0.00E+00	0.00E+00	5.89E-01	3.66E-03	1.22E+00	0.00E+00	9.08E-09	4.26E-09	3.25E-04	1.26E-07	1.05E-01	0.00E+00	1.22E+00	5.09E-07	1.22E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MC432A	6.11E-03	7.83E-01	2.53E-02	7.59E-01	2.87E-12	0.00E+00	4.30E+00	7.86E-06	3.63E-03	6.98E-03	0.00E+00	-3.23E-04	8.15E-10	4.00E-08	2.73E-02	1.43E+00	0.00E+00	0.00E+00	3.66E+00	4.21E-03	6.03E+00	0.00E+00	4.89E-08	2.64E-08	1.97E-03	1.83E-07	6.51E-01	0.00E+00	6.03E+00	9.68E-07	6.03E+00	6.67E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MC432P	4.32E-03	1.54E-01	6.46E-03	1.43E-01	2.87E-12	0.00E+00	7.44E-01	1.70E-06	2.34E-03	1.24E-03	0.00E+00	-2.29E-04	1.67E-10	2.67E-08	4.79E-03	2.10E-01	0.00E+00	0.00E+00	5.86E-01	3.65E-03	1.22E+00	0.00E+00	9.02E-09	4.24E-09	3.25E-04	1.24E-07	1.05E-01	0.00E+00	1.22E+00	5.11E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MC440A	6.41E-03	7.98E-01	2.56E-02	7.72E-01	2.87E-12	0.00E+00	4.32E+00	7.90E-06	3.77E-03	7.08E-03	0.00E+00	-4.50E-04	8.43E-10	4.09E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	5.92E-03	6.07E+00	0.00E+00	4.95E-08	2.66E-08	1.99E-03	2.08E-07	6.55E-01	0.00E+00	6.07E+00	9.65E-07	6.07E+00	6.72E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MC440P	4.41E-03	1.53E-01	6.31E-03	1.43E-01	2.87E-12	0.00E+00	7.46E-01	1.69E-06	2.42E-03	1.24E-03	0.00E+00	-2.55E-04	1.68E-10	2.77E-08	4.80E-03	2.10E-01	0.00E+00	0.00E+00	5.91E-01	3.93E-03	1.22E+00	0.00E+00	9.04E-09	4.24E-09	3.24E-04	1.30E-07	1.05E-01	0.00E+00	1.22E+00	5.10E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MC450A	7.48E-03	8.22E-01	2.89E-02	7.95E-01	2.87E-12	0.00E+00	4.87E+00	8.95E-06	4.50E-03	7.36E-03	0.00E+00	-4.46E-04	9.22E-10	4.96E-08	2.97E-02	1.64E+00	0.00E+00	0.00E+00	4.20E+00	5.81E-03	6.61E+00	0.00E+00	5.32E-08	2.94E-08	2.11E-03	2.10E-07	7.39E-01	0.00E+00	6.61E+00	1.00E-06	6.61E+00	7.35E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MC450P	4.84E-03	1.56E-01	6.25E-03	1.47E-01	2.87E-12	0.00E+00	7.32E-01	1.68E-06	2.70E-03	1.26E-03	0.00E+00	-4.32E-04	1.67E-10	3.10E-08	4.79E-03	2.11E-01	0.00E+00	0.00E+00	5.90E-01	4.96E-03	1.22E+00	0.00E+00	9.05E-09	4.22E-09	3.24E-04	1.51E-07	1.05E-01	0.00E+00	1.22E+00	5.16E-07	1.22E+00	1.30E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MC463A	7.55E-03	8.28E-01	2.93E-02	8.00E-01	2.87E-12	0.00E+00	4.95E+00	9.04E-06	4.52E-03	7.41E-03	0.00E+00	-4.46E-04	9.60E-10	5.02E-08	3.00E-02	1.66E+00	0.00E+00	0.00E+00	4.29E+00	5.81E-03	6.67E+00	0.00E+00	5.37E-08	2.96E-08	2.12E-03	2.13E-07	7.50E-01	0.00E+00	6.67E+00	1.02E-06	6.67E+00	7.42E+00	7.50E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MC463P	4.85E-03	1.56E-01	6.28E-03	1.47E-01	2.87E-12	0.00E+00	7.32E-01	1.68E-06	2.70E-03	1.26E-03	0.00E+00	-4.59E-04	1.67E-10	3.12E-08	4.79E-03	2.11E-01	0.00E+00	0.00E+00	5.91E-01	5.53E-03	1.22E+00	0.00E+00	9.05E-09	4.22E-09	3.24E-04	1.58E-07	1.05E-01	0.00E+00	1.22E+00	5.15E-07	1.22E+00	1.30E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MC506A	1.40E-03	3.21E-01	9.06E-03	3.10E-01	2.87E-12	0.00E+00	1.80E+00	3.52E-06	5.36E-04	2.80E-03	0.00E+00	-1.56E-04	3.27E-10	7.27E-09	1.17E-02	5.00E-01	0.00E+00	0.00E+00	1.37E+00	2.21E-03	2.58E+00	0.00E+00	2.05E-08	9.69E-09	7.34E-04	7.12E-08	2.43E-01	0.00E+00	2.58E+00	6.34E-07	2.58E+00	2.82E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MC510A	1.41E-03	3.21E-01	9.08E-03	3.11E-01	2.87E-12	0.00E+00	1.82E+00	3.54E-06	6.44E-04	2.80E-03	0.00E+00	-1.51E-04	3.31E-10	7.72E-09	1.18E-02	5.08E-01	0.00E+00	0.00E+00	1.41E+00	2.20E-03	2.59E+00	0.00E+00	2.06E-08	9.92E-09	7.36E-04	7.10E-08	2.46E-01	0.00E+00	2.59E+00	6.42E-07	2.59E+00	2.83E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
MC513A	1.51E-03	3.23E-01	9.46E-03	3.14E-01	2.87E-12	0.00E+00	1.86E+00	3.57E-06	7.06E-04	2.82E-03	0.00E+00	-1.59E-04	3.37E-10	8.24E-09	1.21E-02	5.27E-01	0.00E+00	0.00E+00	1.43E+00	2.19E-03	2.61E+00	0.00E+00	2.07E-08	1.01E-08	7.44E-04	7.92E-08	2.49E-01	0.00E+00	2.61E+00	6.43E-07	2.61E+00	2.86E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MC516A	1.57E-03	3.24E-01	9.51E-03	3.14E-01	2.87E-12	0.00E+00	1.86E+00	3.57E-06	7.13E-04	2.82E-03	0.00E+00	-1.62E-04	3.36E-10	8.64E-09	1.21E-02	5.30E-01	0.00E+00	0.00E+00	1.43E+00	2.19E-03	2.61E+00	0.00E+00	2.07E-08	1.01E-08	7.46E-04	8.06E-08	2.49E-01	0.00E+00	2.61E+00	6.42E-07	2.61E+00	2.85E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MC520A	1.63E-03	3.25E-01	9.86E-03	3.16E-01	2.87E-12	0.00E+00	1.89E+00	3.58E-06	8.08E-04	2.82E-03	0.00E+00	-1.59E-04	3.38E-10	9.15E-09	1.22E-02	5.36E-01	0.00E+00	0.00E+00	1.50E+00	2.33E-03	2.62E+00	0.00E+00	2.07E-08	1.03E-08	7.54E-04	8.34E-08	2.62E-01	0.00E+00	2.62E+00	6.05E-07	2.62E+00	2.86E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.38E+01
MC525A	2.00E-03	3.26E-01	9.23E-03	3.17E-01	2.87E-12	0.00E+00	1.89E+00	3.55E-06	1.06E-03	2.84E-03	0.00E+00	-1.54E-04	3.18E-10	1.22E-08	1.20E-02	5.35E-01	0.00E+00	0.00E+00	1.50E+00	1.96E-03	2.58E+00	0.00E+00	2.05E-08	1.03E-08	7.72E-04	8.20E-08	2.65E-01	0.00E+00	2.58E+00	4.31E-07	2.58E+00	2.84E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.42E+01
MC532A	3.14E-03	3.94E-01	1.19E-02	3.82E-01	2.87E-12	0.00E+00	2.16E+00	3.90E-06	1.77E-03	3.50E-03	0.00E+00	-1.68E-04	4.04E-10	1.96E-08	1.37E-02	7.11E-01	0.00E+00	0.00E+00	1.82E+00	2.37E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.84E-04	8.09E-08	3.23E-01	0.00E+00	3.03E+00	5.68E-07	3.03E+00	3.35E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
MC540A	3.25E-03	3.99E-01	1.33E-02	3.86E-01	2.87E-12	0.00E+00	2.17E+00	3.94E-06	1.85E-03	3.52E-03	0.00E+00	-2.36E-04	4.22E-10	2.08E-08	1.37E-02	7.40E-01	0.00E+00	0.00E+00	1.92E+00	3.08E-03	3.03E+00	0.00E+00	2.49E-08	1.35E-08	9.92E-04	1.07E-07	3.31E-01	0.00E+00	3.03E+00	5.74E-07	3.03E+00	3.37E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MC563A	4.76E-03	4.12E-01	1.45E-02	3.97E-01	2.87E-12	0.00E+00	2.37E+00	4.41E-06	2.84E-03	3.63E-03	0.00E+00	-2.38E-04	4.69E-10	3.21E-08	1.48E-02	8.19E-01	0.00E+00	0.00E+00	2.10E+00	3.17E-03	3.23E+00	0.00E+00	2.61E-08	1.47E-08	1.05E-03	1.23E-07	3.68E-01	0.00E+00	3.23E+00	5.78E-07	3.23E+00	3.56E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MCA100	9.95E-04	1.73E-01	5.81E-03	1.68E-01	2.87E-12	0.00E+00	9.58E-01	1.79E-06	4.51E-04	1.53E-03	0.00E+00	-2.31E-04	1.80E-10	5.32E-09	6.23E-03	2.67E-01	0.00E+00	0.00E+00	7.68E-01	3.15E-03	1.36E+00	0.00E+00	1.11E-08	5.66E-09	4.21E-04	8.85E-08	1.34E-01	0.00E+00	1.36E+00	2.56E-07	1.36E+00	1.49E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
MCA101	9.35E-04	1.71E-01	5.95E-03	1.66E-01	2.87E-12	0.00E+00	9.72E-01	1.81E-06	4.12E-04	1.53E-03	0.00E+00	-2.33E-04	1.79E-10	5.09E-09	6.25E-03	2.66E-01	0.00E+00	0.00E+00	7.68E-01	3.15E-03	1.36E+00	0.00E+00	1.10E-08	5.57E-09	4.20E-04	8.85E-08	1.35E-01	0.00E+00	1.36E+00	2.56E-07	1.36E+00	1.49E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MCA102	9.38E-04	1.71E-01	5.95E-03	1.66E-01	2.87E-12	0.00E+00	9.71E-01	1.82E-06	4.36E-04	1.53E-03	0.00E+00	-2.30E-04	1.81E-10	5.12E-09	6.24E-03	2.68E-01	0.00E+00	0.00E+00	7.73E-01	3.15E-03	1.36E+00	0.00E+00	1.10E-08	5.56E-09	4.20E-04	8.82E-08	1.35E-01	0.00E+00	1.36E+00	2.58E-07	1.36E+00	1.49E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
MCA103	8.97E-04	1.72E-01	5.74E-03	1.67E-01	2.87E-12	0.00E+00	9.55E-01	1.79E-06	3.88E-04	1.53E-03	0.00E+00	-2.30E-04	1.77E-10	4.79E-09	6.20E-03	2.58E-01	0.00E+00	0.00E+00	7.49E-01	3.05E-03	1.36E+00	0.00E+00	1.09E-08	5.43E-09	4.11E-04	8.67E-08	1.33E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MCA104	9.59E-04	1.70E-01	5.89E-03	1.65E-01	2.87E-12	0.00E+00	1.00E+00	1.88E-06	4.53E-04	1.51E-03	0.00E+00	-2.31E-04	1.83E-10	5.58E-09	6.36E-03	2.69E-01	0.00E+00	0.00E+00	7.79E-01	3.05E-03	1.39E+00	0.00E+00	1.10E-08	5.56E-09	4.13E-04	8.55E-08	1.38E-01	0.00E+00	1.39E+00	2.59E-07	1.39E+00	1.52E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MCA106	8.32E-04	1.70E-01	5.60E-03	1.64E-01	2.87E-12	0.00E+00	9.34E-01	1.73E-06	3.70E-04	1.49E-03	0.00E+00	-1.77E-04	1.70E-10	4.66E-09	6.00E-03	2.55E-01	0.00E+00	0.00E+00	7.21E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.35E-09	3.93E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
MCA110	8.28E-04	1.68E-01	5.48E-03	1.61E-01	2.87E-12	0.00E+00	9.16E-01	1.73E-06	3.78E-04	1.48E-03	0.00E+00	-1.94E-04	1.71E-10	4.70E-09	5.92E-03	2.55E-01	0.00E+00	0.00E+00	7.19E-01	2.58E-03	1.29E+00	0.00E+00	1.04E-08	5.32E-09	3.89E-04	7.62E-08	1.27E-01	0.00E+00	1.29E+00	2.36E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MCA113	8.26E-04	1.61E-01	5.19E-03	1.55E-01	2.87E-12	0.00E+00	8.85E-01	1.68E-06	3.84E-04	1.41E-03	0.00E+00	-1.73E-04	1.65E-10	4.66E-09	5.64E-03	2.46E-01	0.00E+00	0.00E+00	7.00E-01	2.55E-03	1.22E+00	0.00E+00	9.78E-09	5.04E-09	3.73E-04	7.58E-08	1.23E-01	0.00E+00	1.22E+00	2.37E-07	1.22E+00	1.34E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MCA116	9.08E-04	1.68E-01	5.77E-03	1.62E-01	2.87E-12	0.00E+00	9.51E-01	1.79E-06	4.47E-04	1.47E-03	0.00E+00	-1.96E-04	1.79E-10	5.48E-09	6.02E-03	2.64E-01	0.00E+00	0.00E+00	7.42E-01	2.59E-03	1.31E+00	0.00E+00	1.05E-08	5.37E-09	3.93E-04	7.51E-08	1.31E-01	0.00E+00	1.31E+00	2.39E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MCA120	1.02E-03	1.69E-01	6.06E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.93E-06	5.04E-04	1.50E-03	0.00E+00	-1.92E-04	1.88E-10	6.49E-09	6.37E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.55E-03	1.39E+00	0.00E+00	1.11E-08	5.59E-09	4.02E-04	7.43E-08	1.43E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
MCA125	1.38E-03	1.68E-01	6.02E-03	1.62E-01	2.87E-12	0.00E+00	1.02E+00	1.90E-06	7.07E-04	1.50E-03	0.00E+00	-1.92E-04	1.87E-10	8.10E-09	6.34E-03	3.14E-01	0.00E+00	0.00E+00	8.66E-01	2.55E-03	1.38E+00	0.00E+00	1.10E-08	5.79E-09	4.19E-04	7.43E-08	1.53E-01	0.00E+00	1.38E+00	2.49E-07	1.38E+00	1.52E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MCA132	1.42E-03	1.71E-01	6.35E-03	1.67E-01	2.87E-12	0.00E+00	1.08E+00	2.00E-06	8.85E-04	1.55E-03	0.00E+00	-1.75E-04	2.00E-10	9.66E-09	6.55E-03	3.29E-01	0.00E+00	0.00E+00	9.08E-01	2.54E-03	1.42E+00	0.00E+00	1.14E-08	6.16E-09	4.41E-04	7.42E-08	1.61E-01	0.00E+00	1.42E+00	2.47E-07	1.42E+00	1.57E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MCA140	1.24E-03	1.91E-01	6.80E-03	1.84E-01	2.87E-12	0.00E+00	1.10E+00	1.88E-06	8.03E-04	1.70E-03	0.00E+00	-1.48E-04	2.18E-10	8.30E-09	6.93E-03	3.27E-01	0.00E+00	0.00E+00	8.66E-01	1.74E-03	1.46E+00	0.00E+00	1.18E-08	6.35E-09	4.68E-04	6.27E-08	1.51E-01	0.00E+00	1.46E+00	2.44E-07	1.46E+00	1.63E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
MCA150	1.51E-03	1.89E-01	6.31E-03	1.85E-01	2.87E-12	0.00E+00	1.12E+00	1.89E-06	9.56E-04	1.61E-03	0.00E+00	-2.18E-04	1.96E-10	1.02E-08	6.49E-03	3.61E-01	0.00E+00	0.00E+00	9.41E-01	2.70E-03	1.44E+00	0.00E+00	1.18E-08	6.67E-09	4.61E-04	8.17E-08	1.67E-01	0.00E+00	1.44E+00	2.55E-07	1.44E+00	1.60E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MCA163	1.68E-03	1.88E-01	6.66E-03	1.84E-01	2.87E-12	0.00E+00	1.14E+00	1.91E-06	1.13E-03	1.63E-03	0.00E+00	-1.63E-04	2.06E-10	1.16E-08	6.95E-03	3.58E-01	0.00E+00	0.00E+00	9.25E-01	1.88E-03	1.47E+00	0.00E+00	1.19E-08	6.70E-09	4.65E-04	6.40E-08	1.65E-01	0.00E+00	1.47E+00	2.42E-07	1.47E+00	1.64E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
MCA200	2.67E-03	3.61E-01	1.16E-02	3.34E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	5.90E-04	3.21E-03	0.00E+00	-2.99E-04	3.64E-10	1.23E-08	1.41E-02	6.39E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.21E+00	0.00E+00	2.61E-08	1.36E-08	9.61E-04	1.39E-07	3.35E-01	0.00E+00	3.21E+00	4.16E-07	3.21E+00	3.48E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MCA201	2.69E-03	2.98E-01	1.17E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	6.19E-04	2.84E-03	0.00E+00	-2.71E-04	3.60E-10	1.25E-08	1.41E-02	6.37E-01	0.00E+00	0.00E+00	1.75E+00	3.81E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.39E-07	3.35E-01	0.00E+00	3.23E+00	4.16E-07	3.23E+00	3.51E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
MCA202	2.70E-03	2.98E-01	1.18E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	9.03E-04	2.84E-03	0.00E+00	-2.72E-04	3.60E-10	1.43E-08	1.41E-02	6.37E-01	0.00E+00	0.00E+00	1.76E+00	3.80E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.38E-07	3.36E-01	0.00E+00	3.23E+00	4.18E-07	3.23E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MCA203	2.68E-03	2.98E-01	1.16E-02	2.82E-01	2.87E-12	0.00E+00	2.21E+00	4.18E-06	8.51E-04	2.84E-03	0.00E+00	-3.07E-04	3.60E-10	1.37E-08	1.42E-02	6.39E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.36E-07	3.36E-01	0.00E+00	3.23E+00	4.19E-07	3.23E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MCA204	1.77E-03	3.76E-01	1.22E-02	3.64E-01	0.00E+00	0.00E+00	1.98E+00	3.82E-06	7.77E-04	3.27E-03	0.00E+00	-4.28E-04	3.98E-10	9.34E-09	1.34E-02	5.45E-01	0.00E+00	0.00E+00	1.61E+00	5.68E-03	2.90E+00	0.00E+00	2.32E-08	1.16E-08	8.59E-04	1.66E-07	2.79E-01	0.00E+00	2.90E+00	6.12E-07	2.90E+00	3.17E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	5.81E+01

MCA206	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MCA210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
MCA213	1.63E-03	3.02E-01	9.51E-03	2.88E-01	2.87E-12	0.00E+00	1.76E+00	3.45E-06	7.86E-04	2.77E-03	0.00E+00	-1.87E-04	3.12E-10	1.01E-08	1.17E-02	5.49E-01	0.00E+00	0.00E+00	1.37E+00	2.87E-03	2.57E+00	0.00E+00	2.05E-08	1.03E-08	7.46E-04	8.12E-08	2.45E-01	0.00E+00	2.57E+00	4.11E-07	2.57E+00	2.83E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
MCA216	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MCA220	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.71E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA225	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.72E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA232	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MCA240	3.65E-03	3.98E-01	1.50E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	2.21E-03	3.55E-03	0.00E+00	-3.80E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.05E-03	3.21E+00	0.00E+00	2.59E-08	1.41E-08	1.03E-03	1.52E-07	3.56E-01	0.00E+00	3.21E+00	4.72E-07	3.21E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MCA250	3.77E-03	4.01E-01	1.53E-02	3.85E-01	0.00E+00	0.00E+00	2.40E+00	4.38E-06	2.30E-03	3.58E-03	0.00E+00	-3.80E-04	4.61E-10	2.50E-08	1.47E-02	8.13E-01	0.00E+00	0.00E+00	2.05E+00	5.05E-03	3.25E+00	0.00E+00	2.62E-08	1.44E-08	1.04E-03	1.52E-07	3.62E-01	0.00E+00	3.25E+00	4.68E-07	3.25E+00	3.61E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
MCA263	3.80E-03	4.04E-01	1.55E-02	3.89E-01	0.00E+00	0.00E+00	2.44E+00	4.48E-06	2.31E-03	3.62E-03	0.00E+00	-3.80E-04	4.89E-10	2.52E-08	1.49E-02	8.24E-01	0.00E+00	0.00E+00	2.12E+00	5.05E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.05E-03	1.52E-07	3.71E-01	0.00E+00	3.29E+00	4.93E-07	3.29E+00	3.66E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MCA300	3.10E-03	5.48E-01	1.71E-02	5.26E-01	2.87E-12	0.00E+00	2.94E+00	5.64E-06	1.05E-03	4.76E-03	0.00E+00	-5.47E-04	5.74E-10	1.50E-08	1.94E-02	8.51E-01	0.00E+00	0.00E+00	2.34E+00	7.28E-03	4.22E+00	0.00E+00	3.43E-08	1.70E-08	1.28E-03	2.02E-07	4.15E-01	0.00E+00	4.22E+00	1.10E-06	4.22E+00	4.62E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.38E+01
MCA301	2.76E-03	4.80E-01	2.76E-02	4.67E-01	2.87E-12	0.00E+00	2.91E+00	5.43E-06	8.75E-04	4.28E-03	0.00E+00	-5.32E-04	5.06E-10	1.38E-08	1.86E-02	8.00E-01	0.00E+00	0.00E+00	2.29E+00	7.18E-03	3.94E+00	0.00E+00	3.16E-08	1.62E-08	1.20E-03	2.00E-07	4.03E-01	0.00E+00	3.94E+00	4.00E-07	3.94E+00	4.34E+00	4.03E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
MCA302	3.08E-03	5.13E-01	2.77E-02	4.91E-01	2.87E-12	0.00E+00	2.94E+00	5.62E-06	1.38E-03	4.33E-03	0.00E+00	-5.30E-04	5.54E-10	1.62E-08	1.93E-02	8.46E-01	0.00E+00	0.00E+00	2.34E+00	7.20E-03	4.13E+00	0.00E+00	3.33E-08	1.69E-08	1.24E-03	1.98E-07	4.13E-01	0.00E+00	4.13E+00	3.98E-07	4.13E+00	4.53E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.43E+01
MCA303	2.84E-03	4.79E-01	2.75E-02	4.65E-01	2.87E-12	0.00E+00	2.88E+00	5.41E-06	1.40E-03	4.28E-03	0.00E+00	-5.29E-04	5.06E-10	1.63E-08	1.86E-02	8.02E-01	0.00E+00	0.00E+00	2.30E+00	7.12E-03	3.94E+00	0.00E+00	3.16E-08	1.61E-08	1.20E-03	1.99E-07	4.02E-01	0.00E+00	3.94E+00	4.01E-07	3.94E+00	4.33E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	8.21E+01
MCA304	3.20E-03	5.09E-01	2.80E-02	4.92E-01	2.87E-12	0.00E+00	2.95E+00	5.67E-06	1.55E-03	4.31E-03	0.00E+00	-5.28E-04	5.62E-10	1.81E-08	1.94E-02	8.62E-01	0.00E+00	0.00E+00	2.35E+00	7.24E-03	4.14E+00	0.00E+00	3.35E-08	1.70E-08	1.24E-03	2.03E-07	4.11E-01	0.00E+00	4.14E+00	3.98E-07	4.14E+00	4.55E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
MCA306	2.72E-03	4.88E-01	2.58E-02	4.71E-01	2.87E-12	0.00E+00	2.82E+00	5.23E-06	9.79E-04	4.27E-03	0.00E+00	-4.86E-04	4.96E-10	1.44E-08	1.80E-02	7.31E-01	0.00E+00	0.00E+00	2.19E+00	6.31E-03	3.85E+00	0.00E+00	3.10E-08	1.57E-08	1.17E-03	1.89E-07	3.91E-01	0.00E+00	3.85E+00	3.31E-07	3.85E+00	4.24E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MCA310	2.23E-03	4.72E-01	1.41E-02	4.62E-01	2.87E-12	0.00E+00	2.70E+00	5.05E-06	1.16E-03	4.15E-03	0.00E+00	-4.32E-04	4.91E-10	1.28E-08	1.75E-02	6.61E-01	0.00E+00	0.00E+00	1.87E+00	3.23E-03	3.69E+00	0.00E+00	3.01E-08	1.36E-08	1.08E-03	1.53E-07	3.41E-01	0.00E+00	3.69E+00	7.47E-07	3.69E+00	4.07E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
MCA313	2.79E-03	4.91E-01	1.70E-02	4.74E-01	2.87E-12	0.00E+00	2.86E+00	5.20E-06	1.32E-03	4.38E-03	0.00E+00	-5.50E-04	5.07E-10	1.55E-08	1.84E-02	7.95E-01	0.00E+00	0.00E+00	2.20E+00	7.49E-03	3.88E+00	0.00E+00	3.14E-08	1.58E-08	1.19E-03	2.16E-07	3.95E-01	0.00E+00	3.88E+00	7.37E-07	3.88E+00	4.28E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
MCA316	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MCA320	2.87E-03	4.82E-01	1.71E-02	4.70E-01	2.87E-12	0.00E+00	2.83E+00	5.37E-06	1.49E-03	4.30E-03	0.00E+00	-5.00E-04	5.21E-10	1.76E-08	1.87E-02	8.04E-01	0.00E+00	0.00E+00	2.26E+00	3.85E-03	3.98E+00	0.00E+00	3.22E-08	1.66E-08	1.22E-03	1.67E-07	4.00E-01	0.00E+00	3.98E+00	7.55E-07	3.98E+00	4.41E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.07E+01
MCA325	3.31E-03	4.93E-01	1.78E-02	4.79E-01	2.87E-12	0.00E+00	3.19E+00	5.90E-06	1.78E-03	4.40E-03	0.00E+00	-3.93E-04	5.73E-10	2.02E-08	1.94E-02	9.49E-01	0.00E+00	0.00E+00	2.79E+00	3.99E-03	4.17E+00	0.00E+00	3.43E-08	1.91E-08	1.31E-03	1.73E-07	4.91E-01	0.00E+00	4.17E+00	7.45E-07	4.17E+00	4.60E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCA332	4.59E-03	5.61E-01	1.99E-02	5.39E-01	2.87E-12	0.00E+00	3.08E+00	5.64E-06	2.62E-03	5.06E-03	0.00E+00	-5.38E-04	5.79E-10	2.96E-08	1.96E-02	1.06E+00	0.00E+00	0.00E+00	2.71E+00	3.89E-03	4.26E+00	0.00E+00	3.48E-08	1.92E-08	1.41E-03	1.74E-07	4.78E-01	0.00E+00	4.26E+00	7.58E-07	4.26E+00	4.72E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCA340	3.65E-03	5.73E-01	1.91E-02	5.53E-01	2.87E-12	0.00E+00	3.15E+00	6.01E-06	2.03E-03	5.16E-03	0.00E+00	-5.10E-04	6.09E-10	2.24E-08	1.98E-02	9.63E-01	0.00E+00	0.00E+00	2.99E+00	4.09E-03	4.30E+00	0.00E+00	3.59E-08	2.00E-08	1.45E-03	1.74E-07	5.29E-01	0.00E+00	4.30E+00	7.55E-07	4.30E+00	4.71E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCA350	4.90E-03	5.69E-01	3.09E-02	5.45E-01	2.87E-12	0.00E+00	3.33E+00	6.06E-06	2.88E-03	5.13E-03	0.00E+00	-6.63E-04	6.44E-10	3.20E-08	2.09E-02	1.14E+00	0.00E+00	0.00E+00	2.89E+00	7.57E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.49E-03	2.32E-07	5.13E-01	0.00E+00	4.44E+00	3.26E-07	4.44E+00	4.93E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCA363	4.82E-03	5.70E-01	3.09E-02	5.47E-01	2.87E-12	0.00E+00	3.39E+00	6.07E-06	2.83E-03	5.13E-03	0.00E+00	-6.65E-04	6.44E-10	3.13E-08	2.11E-02	1.15E+00	0.00E+00	0.00E+00	2.89E+00	7.68E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.50E-03	2.33E-07	5.14E-01	0.00E+00	4.44E+00	3.27E-07	4.44E+00	4.93E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCA400	4.91E-03	6.65E-01	3.05E-02	6.38E-01	2.87E-12	0.00E+00	4.34E+00	8.06E-06	1.75E-03	5.49E-03	0.00E+00	-6.74E-04	8.11E-10	2.24E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.56E+00	8.60E-03	5.89E+00	0.00E+00	4.66E-08	2.41E-08	1.50E-03	2.41E-07	6.27E-01	0.00E+00	5.89E+00	1.20E-06	5.89E+00	6.51E+00	6.27E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
MCA401	4.91E-03	6.53E-01	3.04E-02	6.25E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	1.17E-03	5.46E-03	0.00E+00	-6.75E-04	8.09E-10	2.12E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.60E-03	5.86E+00	0.00E+00	4.65E-08	2.40E-08	1.49E-03	2.36E-07	6.24E-01	0.00E+00	5.86E+00	4.07E-07	5.86E+00	6.49E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MCA402	5.14E-03	6.53E-01	3.03E-02	6.25E-01	2.87E-12	0.00E+00	4.35E+00	8.05E-06	2.79E-03	5.48E-03	0.00E+00	-6.80E-04	8.09E-10	3.20E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.65E-03	5.86E+00	0.00E+00	4.66E-08	2.41E-08	1.49E-03	2.43E-07	6.24E-01	0.00E+00	5.86E+00	3.98E-07	5.86E+00	6.49E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MCA403	5.20E-03	6.53E-01	3.04E-02	6.26E-01	2.87E-12	0.00E+00	4.35E+00	8.05E-06	2.88E-03	5.49E-03	0.00E+00	-6.79E-04	8.09E-10	3.25E-08	2.72E-02	1.25E+00	0.00E+00	0.00E+00	3.53E+00	8.65E-03	5.86E+00	0.00E+00	4.66E-08	2.42E-08	1.60E-03	2.42E-07	6.24E-01	0.00E+00	5.86E+00	3.99E-07	5.86E+00	6.49E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MCA404	5.32E-03	6.54E-01	3.07E-02	6.26E-01	2.87E-12	0.00E+00	4.34E+00	8.02E-06	2.99E-03	5.50E-03	0.00E+00	-6.81E-04	8.09E-10	3.42E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	3.53E+00	8.67E-03	5.86E+00	0.00E+00	4.65E-08	2.42E-08	1.65E-03	2.53E-07	6.24E-01	0.00E+00	5.86E+00	1.22E-06	5.86E+00	6.49E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MCA406	3.07E-03	7.15E-01	2.18E-02	6.93E-01	0.00E+00	0.00E+00	3.67E+00	6.86E-06	1.30E-03	6.16E-03	0.00E+00	-7.42E-04	6.63E-10	1.58E-08	2.50E-02	9.82E-01	0.00E+00	0.00E+00	2.79E+00	9.87E-03	5.26E+00	0.00E+00	4.26E-08	2.08E-08	1.59E-03	2.93E-07	4.98E-01	0.00E+00	5.26E+00	1.01E-06	5.26E+00	5.76E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
MCA410	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MCA413	3.32E-03	5.97E-01	2.87E-02	5.83E-01	2.87E-12	0.00E+00	3.48E+00	6.50E-06	1.67E-03	5.32E-03	0.00E+00	-6.07E-04	6.38E-10	1.97E-08	2.22E-02	9.66E-01	0.00E+00	0.00E+00	2.74E+00	8.17E-03	4.85E+00	0.00E+00	3.86E-08	1.88E-08	1.42E-03	2.33E-07	4.81E-01	0.00E+00	4.85E+00	3.52E-07	4.85E+00	5.33E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.91E+01
MCA416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
MCA420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
MCA425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
MCA432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCA440	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MCA450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MCA463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MCA506	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MCA510	2.25E-03	3.26E-01	1.14E-02	3.15E-01	0.00E+00	0.00E+00	1.86E+00	3.49E-06	7.16E-04	2.83E-03	0.00E+00	-4.29E-04	3.36E-10	8.80E-09	1.22E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	5.69E-03	2.55E+00	0.00E+00	2.04E-08	1.00E-08	7.42E-04	1.63E-07	2.50E-01	0.00E+00	2.55E+00	4.62E-07	2.55E+00	2.80E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
MCA513	1.63E-03	3.02E-01	9.40E-03	2.88E-01	2.87E-12	0.00E+00	1.76E+00	3.45E-06	7.81E-04	2.77E-03	0.00E+00	-1.96E-04	3.11E-10	1.00E-08	1.16E-02	5.46E-01	0.00E+00	0.00E+00	1.37E+00	2.98E-03	2.57E+00	0.00E+00	2.05E-08	1.03E-08	7.46E-04	9.12E-08	2.44E-01	0.00E+00	2.57E+00	4.09E-07	2.57E+00	2.83E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MCA516	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MCA520	2.67E-03	2.99E-01	1.27E-02	2.85E-01	2.87E-12	0.00E+00	2.21E+00	4.14E-06	8.48E-04	2.79E-03	0.00E+00	-2.60E-04	4.00E-10	1.41E-08	1.40E-02	6.58E-01	0.00E+00	0.00E+00	1.75E+00	3.69E-03	3.18E+00	0.00E+00	2.57E-08	1.35E-08	9.39E-04	1.33E-07	3.29E-01	0.00E+00	3.18E+00	5.32E-07	3.18E+00	3.48E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MCA525	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.72E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA532	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MCA540	2.79E-03	3.91E-01	1.17E-02	3.83E-01	2.87E-12	0.00E+00	2.25E+00	4.05E-06	1.32E-03	3.47E-03	0.00E+00	-2.62E-04	3.70E-10	1.49E-08	1.37E-02	5.87E-01	0.00E+00	0.00E+00	1.79E+00	2.91E-03	3.09E+00	0.00E+00	2.54E-08	1.36E-08	1.01E-03	1.29E-07	3.29E-01	0.00E+00	3.09E+00	5.60E-07	3.09E+00	3.45E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA550	3.16E-03	3.93E-01	1.28E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.24E-06	1.78E-03	3.42E-03	0.00E+00	-3.58E-04	3.79E-10	1.95E-08	1.39E-02	7.35E-01	0.00E+00	0.00E+00	1.96E+00	4.21E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.45E-07	3.47E-01	0.00E+00	3.20E+00	4.08E-07	3.20E+00	3.51E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MCA563	4.59E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.66E-03	3.41E-03	0.00E+00	-3.51E-04	3.79E-10	2.98E-08	1.39E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.24E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.66E-07	3.48E-01	0.00E+00	3.21E+00	4.08E-07	3.21E+00	3.51E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MCA610	3.62E-03	6.01E-01	1.75E-02	5.89E-01	2.87E-12	0.00E+00	3.42E+00	6.43E-06	1.78E-03	5.29E-03	0.00E+00	-6.09E-04	6.23E-10	2.04E-08	2.21E-02	9.10E-01	0.00E+00	0.00E+00	2.53E+00	8.08E-03	4.68E+00	0.00E+00	3.70E-08	1.73E-08	1.34E-03	2.41E-07	4.47E-01	0.00E+00	4.68E+00	9.25E-07	4.68E+00	5.05E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
MCA613	3.33E-03	5.96E-01	2.88E-02	5.84E-01	2.87E-12	0.00E+00	3.47E+00	6.46E-06	1.74E-03	5.31E-03	0.00E+00	-6.11E-04	6.44E-10	2.01E-08	2.22E-02	9.69E-01	0.00E+00	0.00E+00	2.74E+00	8.07E-03	4.84E+00	0.00E+00	3.86E-08	1.89E-08	1.43E-03	2.35E-07	4.83E-01	0.00E+00	4.84E+00	3.50E-07	4.84E+00	5.32E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MCA616	5.25E-03	6.20E-01	2.09E-02	6.02E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	2.95E-03	5.61E-03	0.00E+00	-6.93E-04	6.49E-10	3.30E-08	2.27E-02	1.05E+00	0.00E+00	0.00E+00	2.89E+00	8.45E-03	4.96E+00	0.00E+00	3.96E-08	2.02E-08	1.52E-03	2.62E-07	5.07E-01	0.00E+00	4.96E+00	9.51E-07	4.96E+00	5.47E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MCA620	5.35E-03	6.68E-01	2.53E-02	6.42E-01	2.87E-12	0.00E+00	4.48E+00	8.26E-06	2.99E-03	5.99E-03	0.00E+00	-6.95E-04	8.13E-10	3.46E-08	2.72E-02	1.41E+00	0.00E+00	0.00E+00	3.73E+00	8.78E-03	5.96E+00	0.00E+00	4.89E-08	2.56E-08	1.67E-03	2.70E-07	6.45E-01	0.00E+00	5.96E+00	9.56E-07	5.96E+00	6.62E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCA625	5.06E-03	6.67E-01	2.58E-02	6.40E-01	2.87E-12	0.00E+00	4.48E+00	8.30E-06	2.85E-03	6.00E-03	0.00E+00	-6.98E-04	8.16E-10	3.34E-08	2.73E-02	1.42E+00	0.00E+00	0.00E+00	3.73E+00	8.87E-03	5.99E+00	0.00E+00	4.94E-08	2.60E-08	1.68E-03	2.82E-07	6.47E-01	0.00E+00	5.99E+00	9.53E-07	5.99E+00	6.64E+00	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCA632	6.52E-03	7.82E-01	2.59E-02	7.57E-01	2.87E-12	0.00E+00	4.52E+00	8.43E-06	3.67E-03	7.00E-03	0.00E+00	-6.95E-04	8.44E-10	4.12E-08	2.74E-02	1.46E+00	0.00E+00	0.00E+00	3.83E+00	8.72E-03	6.12E+00	0.00E+00	5.00E-08	2.70E-08	2.05E-03	2.71E-07	6.69E-01	0.00E+00	6.12E+00	9.45E-07	6.12E+00	6.79E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MCA650	6.58E-03	7.93E-01	3.14E-02	7.64E-01	2.87E-12	0.00E+00	4.55E+00	8.57E-06	3.76E-03	7.09E-03	0.00E+00	-7.54E-04	8.47E-10	4.16E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.28E+00	0.00E+00	5.07E-08	2.75E-08	2.06E-03	2.80E-07	6.88E-01	0.00E+00	6.28E+00	3.48E-07	6.28E+00	6.97E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MCA663	6.58E-03	7.84E-01	3.13E-02	7.56E-01	2.87E-12	0.00E+00	4.56E+00	8.57E-06	3.77E-03	6.99E-03	0.00E+00	-7.54E-04	8.49E-10	4.17E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.19E+00	0.00E+00	5.05E-08	2.74E-08	2.06E-03	2.80E-07	6.89E-01	0.00E+00	6.19E+00	3.48E-07	6.19E+00	6.88E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MCB313	3.38E-03	5.83E-01	1.85E-02	5.63E-01	2.87E-12	0.00E+00	3.30E+00	6.14E-06	1.90E-03	5.15E-03	0.00E+00	-5.35E-04	1.46E-09	2.06E-08	2.11E-02	9.22E-01	0.00E+00	0.00E+00	2.74E+00	7.32E-03	4.68E+00	0.00E+00	3.78E-08	1.87E-08	1.39E-03	1.95E-07	4.86E-01	0.00E+00	4.68E+00	6.17E-07	4.68E+00	5.20E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
MCB316	3.38E-03	5.83E-01	1.85E-02	5.63E-01	2.87E-12	0.00E+00	3.30E+00	6.15E-06	1.90E-03	5.15E-03	0.00E+00	-5.36E-04	1.46E-09	2.06E-08	2.11E-02	9.22E-01	0.00E+00	0.00E+00	2.74E+00	7.33E-03	4.68E+00	0.00E+00	3.78E-08	1.87E-08	1.39E-03	1.95E-07	4.86E-01	0.00E+00	4.68E+00	6.16E-07	4.68E+00	5.20E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MCC313	3.29E-03	5.81E-01	1.84E-02	5.61E-01	2.87E-12	0.00E+00	3.27E+00	6.08E-06	1.88E-03	5.15E-03	0.00E+00	-5.32E-04	1.46E-09	2.06E-08	2.10E-02	9.24E-01	0.00E+00	0.00E+00	2.67E+00	7.21E-03	4.62E+00	0.00E+00	3.75E-08	1.84E-08	1.37E-03	1.90E-07	4.73E-01	0.00E+00	4.62E+00	6.12E-07	4.62E+00	5.13E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.70E+01
MCC316	3.40E-03	5.85E-01	1.90E-02	5.63E-01	2.87E-12	0.00E+00	3.30E+00	6.15E-06	1.92E-03	5.15E-03	0.00E+00	-5.35E-04	1.46E-09	2.09E-08	2.11E-02	9.41E-01	0.00E+00	0.00E+00	2.83E+00	7.33E-03	4.68E+00	0.00E+00	3.79E-08	1.90E-08	1.41E-03	2.00E-07	4.99E-01	0.00E+00	4.68E+00	6.15E-07	4.68E+00	5.21E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN001	1.05E-03	1.89E-01	5.72E-03	1.84E-01	2.87E-12	0.00E+00	9.88E-01	1.81E-06	5.25E-04	1.55E-03	0.00E+00	-2.41E-04	1.84E-10	5.94E-09	6.25E-03	2.75E-01	0.00E+00	0.00E+00	7.84E-01	3.19E-03	1.37E+00	0.00E+00	1.13E-08	5.70E-09	4.27E-04	8.62E-08	1.39E-01	0.00E+00	1.37E+00	2.67E-07	1.37E+00	1.51E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MCN002	1.02E-03	1.92E-01	5.77E-03	1.86E-01	0.00E+00	0.00E+00	1.03E+00	1.94E-06	4.95E-04	1.67E-03	0.00E+00	-1.45E-04	2.00E-10	5.77E-09	6.55E-03	2.85E-01	0.00E+00	0.00E+00	8.27E-01	1.93E-03	1.44E+00	0.00E+00	1.16E-08	5.86E-09	4.42E-04	6.09E-08	1.45E-01	0.00E+00	1.44E+00	2.80E-07	1.44E+00	1.58E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
MCN003	1.00E-03	1.97E-01	6.86E-03	1.88E-01	2.87E-12	0.00E+00	1.02E+00	1.87E-06	4.75E-04	1.71E-03	0.00E+00	-1.76E-04	2.13E-10	5.46E-09	6.65E-03	2.83E-01	0.00E+00	0.00E+00	8.15E-01	3.18E-03	1.43E+00	0.00E+00	1.16E-08	5.86E-09	4.50E-04	6.77E-08	1.43E-01	0.00E+00	1.43E+00	3.08E-07	1.43E+00	1.58E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
MCN004	9.52E-04	1.92E-01	6.66E-03	1.85E-01	0.00E+00	0.00E+00	1.00E+00	1.90E-06	4.46E-04	1.66E-03	0.00E+00	-2.73E-04	1.96E-10	5.25E-09	6.45E-03	2.74E-01	0.00E+00	0.00E+00	8.06E-01	3.62E-03	1.41E+00	0.00E+00	1.14E-08	5.72E-09	4.35E-04	1.02E-07	1.41E-01	0.00E+00	1.41E+00	2.66E-07	1.41E+00	1.55E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
MCN006	6.68E-04	1.53E-01	4.62E-03	1.48E-01	0.00E+00	0.00E+00	8.50E-01	1.60E-06	2.82E-04	1.33E-03	0.00E+00	-1.31E-04	1.47E-10	3.54E-09	5.46E-03	2.15E-01	0.00E+00	0.00E+00	6.34E-01	1.74E-03	1.16E+00	0.00E+00	9.38E-09	4.54E-09	3.43E-04	5.39E-08	1.13E-01	0.00E+00	1.16E+00	2.25E-07	1.16E+00	1.28E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
MCN008	6.82E-04	1.50E-01	4.23E-03	1.46E-01	0.00E+00	0.00E+00	8.65E-01	1.67E-06	2.84E-04	1.32E-03	0.00E+00	-7.26E-05	1.57E-10	3.60E-09	5.60E-03	2.21E-01	0.00E+00	0.00E+00	6.67E-01	9.75E-04	1.21E+00	0.00E+00	9.68E-09	4.72E-09	3.46E-04	3.54E-08	1.17E-01	0.00E+00	1.21E+00	2.65E-07	1.21E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MCN010	6.82E-04	1.50E-01	4.23E-03	1.46E-01	0.00E+00	0.00E+00	8.66E-01	1.68E-06	2.84E-04	1.32E-03	0.00E+00	-7.26E-05	1.57E-10	3.60E-09	5.60E-03	2.21E-01	0.00E+00	0.00E+00	6.68E-01	9.75E-04	1.21E+00	0.00E+00	9.69E-09	4.72E-09	3.46E-04	3.54E-08	1.17E-01	0.00E+00	1.21E+00	2.65E-07	1.21E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MCN013	7.52E-04	1.52E-01	4.40E-03	1.48E-01	0.00E+00	0.00E+00	8.95E-01	1.73E-06	3.32E-04	1.34E-03	0.00E+00	-7.26E-05	1.66E-10	4.12E-09	5.73E-03	2.33E-01	0.00E+00	0.00E+00	7.01E-01	9.75E-04	1.25E+00	0.00E+00	9.93E-09	4.90E-09	3.56E-04	3.56E-08	1.22E-01	0.00E+00	1.25E+00	2.69E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MCN016	7.49E-04	1.52E-01	4.38E-03	1.48E-01	0.00E+00	0.00E+00	8.91E-01	1.72E-06	3.31E-04	1.34E-03	0.00E+00	-7.26E-05	1.62E-10	4.11E-09	5.71E-03	2.32E-01	0.00E+00	0.00E+00	6.92E-01	9.75E-04	1.24E+00	0.00E+00	9.90E-09	4.87E-09	3.54E-04	3.56E-08	1.21E-01	0.00E+00	1.24E+00	2.66E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MCN020	8.13E-04	1.54E-01	4.54E-03	1.50E-01	0.00E+00	0.00E+00	9.18E-01	1.77E-06	3.75E-04	1.36E-03	0.00E+00	-7.26E-05	1.70E-10	4.58E-09	5.84E-03	2.43E-01	0.00E+00	0.00E+00	7.22E-01	9.76E-04	1.27E+00	0.00E+00	1.01E-08	5.03E-09	3.64E-04	3.58E-08	1.26E-01	0.00E+00	1.27E+00	2.70E-07	1.27E+00	1.40E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MCN025	9.69E-04	1.58E-01	4.90E-03	1.54E-01	0.00E+00	0.00E+00	9.77E-01	1.88E-06	4.87E-04	1.41E-03	0.00E+00	-7.26E-05	1.82E-10	5.78E-09	6.10E-03	2.68E-01	0.00E+00	0.00E+00	7.81E-01	9.76E-04	1.34E+00	0.00E+00	1.06E-08	5.37E-09	3.84E-04	3.62E-08	1.36E-01	0.00E+00	1.34E+00	2.73E-07	1.34E+00	1.47E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MCN032	1.62E-03	1.92E-01	6.07E-03	1.86E-01	0.00E+00	0.00E+00	1.08E+00	2.00E-06	9.51E-04	1.72E-03	0.00E+00	-7.62E-05	2.11E-10	1.05E-08	6.72E-03	3.58E-01	0.00E+00	0.00E+00	9.32E-01	1.03E-03	1.52E+00	0.00E+00	1.23E-08	6.66E-09	4.88E-04	3.89E-08	1.64E-01	0.00E+00	1.52E+00	2.57E-07	1.52E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MCN040	1.62E-03	1.92E-01	6.07E-03	1.86E-01	0.00E+00	0.00E+00	1.09E+00	2.01E-06	9.51E-04	1.72E-03	0.00E+00	-7.62E-05	2.11E-10	1.05E-08	6.72E-03	3.58E-01	0.00E+00	0.00E+00	9.32E-01	1.03E-03	1.52E+00	0.00E+00	1.23E-08	6.66E-09	4.88E-04	3.89E-08	1.64E-01	0.00E+00	1.52E+00	2.57E-07	1.52E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MCN099	1.01E-03	1.83E-01	5.55E-03	1.78E-01	2.87E-12	0.00E+00	9.50E-01	1.77E-06	4.52E-04	1.53E-03	0.00E+00	-2.40E-04	1.78E-10	5.39E-09	6.13E-03	2.64E-01	0.00E+00	0.00E+00	7.60E-01	3.17E-03	1.36E+00	0.00E+00	1.12E-08	5.63E-09	4.27E-04	8.63E-08	1.34E-01	0.00E+00	1.36E+00	2.67E-07	1.36E+00	1.49E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MCN100	9.78E-04	1.93E-01	5.71E-03	1.87E-01	0.00E+00	0.00E+00	9.88E-01	1.89E-06	4.59E-04	1.68E-03	0.00E+00	-1.56E-04	1.94E-10	5.33E-09	6.49E-03	2.77E-01	0.00E+00	0.00E+00	8.05E-01	2.07E-03	1.44E+00	0.00E+00	1.16E-08	5.86E-09	4.44E-04	6.43E-08	1.41E-01	0.00E+00	1.44E+00	2.99E-07	1.44E+00	1.58E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
MCN100E	1.02E-03	1.95E-01	6.11E-03	1.90E-01	2.87E-12	0.00E+00	1.01E+00	1.92E-06	4.85E-04	1.70E-03	0.00E+00	-1.96E-04	1.98E-10	5.63E-09	6.52E-03	2.84E-01	0.00E+00	0.00E+00	8.16E-01	2.14E-03	1.45E+00	0.00E+00	1.17E-08	5.87E-09	4.50E-04	8.98E-08	1.43E-01	0.00E+00	1.45E+00	2.74E-07	1.45E+00	1.59E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MCN101	1.04E-03	1.96E-01	6.78E-03	1.89E-01	0.00E+00	0.00E+00	1.01E+00	1.93E-06	5.01E-04	1.70E-03	0.00E+00	-2.73E-04	1.98E-10	5.77E-09	6.58E-03	2.86E-01	0.00E+00	0.00E+00	8.24E-01	3.62E-03	1.46E+00	0.00E+00	1.18E-08	5.98E-09	4.52E-04	1.02E-07	1.44E-01	0.00E+00	1.46E+00	2.85E-07	1.46E+00	1.61E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
MCN101E	1.04E-03	1.96E-01	6.78E-03	1.89E-01	0.00E+00	0.00E+00	1.01E+00	1.93E-06	5.01E-04	1.70E-03	0.00E+00	-2.73E-04	1.98E-10	5.77E-09	6.58E-03	2.86E-01	0.00E+00	0.00E+00	8.24E-01	3.62E-03	1.46E+00	0.00E+00	1.18E-08	5.98E-09	4.52E-04	1.02E-07	1.44E-01	0.00E+00	1.46E+00	2.85E-07	1.46E+00	1.61E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
MCN101P	1.04E-03	1.60E-01	7.11E-03	1.47E-01	2.87E-12	0.00E+00	1.07E+00	2.57E-06	4.76E-04	1.52E-03	0.00E+00	-2.99E-04	2.14E-10	5.66E-09	7.77E-03	3.19E-01	0.00E+00	0.00E+00	9.55E-01	3.68E-03	1.99E+00	0.00E+00	1.52E-08	7.85E-09	4.50E-04	9.97E-08	1.67E-01	0.00E+00	1.99E+00	5.33E-07	1.99E+00	2.18E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
MCN102	1.03E-03	1.98E-01	5.73E-03	1.92E-01	0.00E+00	0.00E+00	1.00E+00	1.89E-06	4.98E-04	1.71E-03	0.00E+00	-1.45E-04	1.98E-10	5.73E-09	6.50E-03	2.83E-01	0.00E+00	0.00E+00	8.14E-01	1.93E-03	1.43E+00	0.00E+00	1.16E-08	5.87E-09	4.51E-04	6.10E-08	1.43E-01	0.00E+00	1.43E+00	2.77E-07	1.43E+00	1.57E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCN102E	1.03E-03	1.98E-01	5.73E-03	1.92E-01	0.00E+00	0.00E+00	1.00E+00	1.89E-06	4.98E-04	1.71E-03	0.00E+00	-1.45E-04	1.98E-10	5.73E-09	6.50E-03	2.83E-01	0.00E+00	0.00E+00	8.14E-01	1.93E-03	1.43E+00	0.00E+00	1.16E-08	5.87E-09	4.51E-04	6.10E-08	1.43E-01	0.00E+00	1.43E+00	2.77E-07	1.43E+00	1.57E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCN102P	1.03E-03	1.60E-01	7.04E-03	1.48E-01	2.87E-12	0.00E+00	1.08E+00	2.57E-06	4.67E-04	1.52E-03	0.00E+00	-3.00E-04	2.13E-10	5.63E-09	7.78E-03	3.17E-01	0.00E+00	0.00E+00	9.56E-01	3.73E-03	1.99E+00	0.00E+00	1.52E-08	7.83E-09	4.49E-04	1.01E-07	1.67E-01	0.00E+00	1.99E+00	5.33E-07	1.99E+00	2.18E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
MCN103	9.57E-04	1.98E-01	6.61E-03	1.91E-01	0.00E+00	0.00E+00	9.79E-01	1.85E-06	4.50E-04	1.70E-03	0.00E+00	-2.73E-04	1.93E-10	5.21E-09	6.39E-03	2.72E-01	0.00E+00	0.00E+00	7.90E-01	3.62E-03	1.40E+00	0.00E+00	1.14E-08	5.72E-09	4.43E-04	1.02E-07	1.38E-01	0.00E+00	1.40E+00	2.62E-07	1.40E+00	1.54E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01

MCN103E	9.97E-04	1.96E-01	6.08E-03	1.91E-01	2.87E-12	0.00E+00	1.01E+00	1.89E-06	4.76E-04	1.70E-03	0.00E+00	-1.55E-04	1.97E-10	5.52E-09	6.49E-03	2.82E-01	0.00E+00	0.00E+00	8.15E-01	2.15E-03	1.42E+00	0.00E+00	1.15E-08	5.86E-09	4.46E-04	6.40E-08	1.43E-01	0.00E+00	1.42E+00	2.67E-07	1.42E+00	1.57E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MCN103P	1.02E-03	1.60E-01	7.13E-03	1.45E-01	2.87E-12	0.00E+00	1.05E+00	2.57E-06	4.66E-04	1.50E-03	0.00E+00	-2.81E-04	1.96E-10	5.38E-09	7.78E-03	3.02E-01	0.00E+00	0.00E+00	9.45E-01	3.69E-03	1.98E+00	0.00E+00	1.52E-08	7.84E-09	4.34E-04	1.01E-07	1.64E-01	0.00E+00	1.98E+00	5.33E-07	1.98E+00	2.17E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
MCN104	9.58E-04	1.98E-01	6.62E-03	1.91E-01	0.00E+00	0.00E+00	9.81E-01	1.85E-06	4.50E-04	1.70E-03	0.00E+00	-2.73E-04	1.94E-10	5.21E-09	6.40E-03	2.73E-01	0.00E+00	0.00E+00	7.93E-01	3.62E-03	1.40E+00	0.00E+00	1.14E-08	5.74E-09	4.44E-04	1.02E-07	1.39E-01	0.00E+00	1.40E+00	2.63E-07	1.40E+00	1.54E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MCN104E	9.58E-04	1.98E-01	6.62E-03	1.91E-01	0.00E+00	0.00E+00	9.81E-01	1.85E-06	4.50E-04	1.70E-03	0.00E+00	-2.73E-04	1.94E-10	5.21E-09	6.40E-03	2.73E-01	0.00E+00	0.00E+00	7.93E-01	3.62E-03	1.40E+00	0.00E+00	1.14E-08	5.74E-09	4.44E-04	1.02E-07	1.39E-01	0.00E+00	1.40E+00	2.63E-07	1.40E+00	1.54E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MCN104P	9.92E-04	1.60E-01	6.99E-03	1.48E-01	2.87E-12	0.00E+00	1.05E+00	2.57E-06	4.58E-04	1.51E-03	0.00E+00	-3.02E-04	1.96E-10	5.39E-09	7.76E-03	3.07E-01	0.00E+00	0.00E+00	9.35E-01	3.69E-03	1.99E+00	0.00E+00	1.52E-08	7.83E-09	4.38E-04	1.01E-07	1.63E-01	0.00E+00	1.99E+00	5.32E-07	1.99E+00	2.18E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MCN106	6.61E-04	1.52E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.81E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.16E-01	1.74E-03	1.14E+00	0.00E+00	9.18E-09	4.45E-09	3.40E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.18E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MCN106A	6.78E-04	1.56E-01	5.35E-03	1.52E-01	2.87E-12	0.00E+00	8.67E-01	1.60E-06	2.86E-04	1.38E-03	0.00E+00	-9.30E-05	1.77E-10	3.58E-09	5.70E-03	2.19E-01	0.00E+00	0.00E+00	6.52E-01	1.19E-03	1.17E+00	0.00E+00	9.54E-09	4.57E-09	3.47E-04	4.54E-08	1.15E-01	0.00E+00	1.17E+00	6.52E-07	1.17E+00	1.29E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
MCN106E	6.61E-04	1.52E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.81E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.16E-01	1.74E-03	1.14E+00	0.00E+00	9.18E-09	4.45E-09	3.40E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.18E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MCN106P	9.26E-04	1.39E-01	6.72E-03	1.33E-01	2.87E-12	0.00E+00	1.01E+00	2.42E-06	4.10E-04	1.41E-03	0.00E+00	-1.97E-04	1.98E-10	5.32E-09	7.53E-03	2.98E-01	0.00E+00	0.00E+00	8.82E-01	3.10E-03	1.90E+00	0.00E+00	1.50E-08	7.46E-09	4.23E-04	8.23E-08	1.53E-01	0.00E+00	1.90E+00	1.34E-06	1.90E+00	2.08E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MCN110	6.06E-04	1.37E-01	3.39E-03	1.34E-01	0.00E+00	0.00E+00	7.11E-01	1.34E-06	2.60E-04	1.20E-03	0.00E+00	-4.21E-05	1.16E-10	3.13E-09	4.56E-03	1.84E-01	0.00E+00	0.00E+00	5.28E-01	5.70E-04	1.02E+00	0.00E+00	8.31E-09	4.02E-09	3.10E-04	2.42E-08	9.55E-02	0.00E+00	1.02E+00	2.11E-07	1.02E+00	1.11E+00	9.55E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
MCN110A	6.16E-04	1.36E-01	3.75E-03	1.34E-01	2.87E-12	0.00E+00	7.87E-01	1.50E-06	2.62E-04	1.21E-03	0.00E+00	-5.17E-05	1.41E-10	3.24E-09	5.26E-03	2.09E-01	0.00E+00	0.00E+00	6.03E-01	5.80E-04	1.13E+00	0.00E+00	9.07E-09	4.41E-09	3.14E-04	3.22E-08	1.07E-01	0.00E+00	1.13E+00	2.11E-07	1.13E+00	1.24E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MCN110E	6.06E-04	1.37E-01	3.39E-03	1.34E-01	0.00E+00	0.00E+00	7.11E-01	1.34E-06	2.60E-04	1.20E-03	0.00E+00	-4.21E-05	1.16E-10	3.13E-09	4.56E-03	1.84E-01	0.00E+00	0.00E+00	5.28E-01	5.70E-04	1.02E+00	0.00E+00	8.31E-09	4.02E-09	3.10E-04	2.42E-08	9.55E-02	0.00E+00	1.02E+00	2.11E-07	1.02E+00	1.11E+00	9.55E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
MCN110P	6.47E-04	1.42E-01	5.27E-03	1.38E-01	2.87E-12	0.00E+00	8.12E-01	1.70E-06	2.76E-04	1.26E-03	0.00E+00	-7.59E-05	1.73E-10	3.54E-09	5.57E-03	2.13E-01	0.00E+00	0.00E+00	6.46E-01	9.84E-04	1.26E+00	0.00E+00	9.95E-09	4.81E-09	3.23E-04	5.35E-08	1.12E-01	0.00E+00	1.26E+00	1.15E-06	1.26E+00	1.37E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCN113	6.28E-04	1.38E-01	3.44E-03	1.35E-01	0.00E+00	0.00E+00	7.20E-01	1.35E-06	2.76E-04	1.21E-03	0.00E+00	-4.21E-05	1.18E-10	3.30E-09	4.60E-03	1.88E-01	0.00E+00	0.00E+00	5.36E-01	5.70E-04	1.03E+00	0.00E+00	8.39E-09	4.08E-09	3.13E-04	2.42E-08	9.70E-02	0.00E+00	1.03E+00	2.11E-07	1.03E+00	1.13E+00	9.70E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
MCN113E	7.09E-04	1.52E-01	4.35E-03	1.47E-01	2.87E-12	0.00E+00	8.60E-01	1.66E-06	3.13E-04	1.33E-03	0.00E+00	-7.77E-05	1.59E-10	3.88E-09	5.58E-03	2.29E-01	0.00E+00	0.00E+00	6.72E-01	1.03E-03	1.20E+00	0.00E+00	9.61E-09	4.77E-09	3.50E-04	4.01E-08	1.17E-01	0.00E+00	1.20E+00	2.60E-07	1.20E+00	1.32E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MCN116	6.12E-04	1.38E-01	3.44E-03	1.35E-01	0.00E+00	0.00E+00	7.17E-01	1.37E-06	2.61E-04	1.21E-03	0.00E+00	-4.21E-05	1.28E-10	3.15E-09	4.58E-03	1.87E-01	0.00E+00	0.00E+00	5.53E-01	5.70E-04	1.03E+00	0.00E+00	8.36E-09	4.09E-09	3.13E-04	2.42E-08	9.81E-02	0.00E+00	1.03E+00	2.21E-07	1.03E+00	1.13E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MCN116A	6.18E-04	1.39E-01	3.64E-03	1.36E-01	2.87E-12	0.00E+00	7.73E-01	1.47E-06	2.63E-04	1.22E-03	0.00E+00	-5.03E-05	1.45E-10	3.24E-09	4.94E-03	1.99E-01	0.00E+00	0.00E+00	5.96E-01	5.85E-04	1.09E+00	0.00E+00	8.75E-09	4.28E-09	3.15E-04	3.30E-08	1.06E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.20E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MCN116E	6.12E-04	1.38E-01	3.44E-03	1.35E-01	0.00E+00	0.00E+00	7.17E-01	1.37E-06	2.61E-04	1.21E-03	0.00E+00	-4.21E-05	1.28E-10	3.15E-09	4.58E-03	1.87E-01	0.00E+00	0.00E+00	5.53E-01	5.70E-04	1.03E+00	0.00E+00	8.36E-09	4.09E-09	3.13E-04	2.42E-08	9.81E-02	0.00E+00	1.03E+00	2.21E-07	1.03E+00	1.13E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MCN116P	6.52E-04	1.41E-01	5.21E-03	1.38E-01	2.87E-12	0.00E+00	8.08E-01	1.70E-06	2.77E-04	1.25E-03	0.00E+00	-7.20E-05	1.70E-10	3.36E-09	5.43E-03	2.19E-01	0.00E+00	0.00E+00	6.46E-01	1.02E-03	1.24E+00	0.00E+00	9.85E-09	4.81E-09	3.26E-04	4.91E-08	1.12E-01	0.00E+00	1.24E+00	3.17E-07	1.24E+00	1.36E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCN120	8.05E-04	1.53E-01	4.46E-03	1.49E-01	0.00E+00	0.00E+00	8.92E-01	1.72E-06	3.74E-04	1.35E-03	0.00E+00	-7.26E-05	1.67E-10	4.53E-09	5.70E-03	2.39E-01	0.00E+00	0.00E+00	7.05E-01	9.75E-04	1.24E+00	0.00E+00	9.93E-09	4.94E-09	3.60E-04	3.56E-08	1.23E-01	0.00E+00	1.24E+00	2.64E-07	1.24E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MCN120A	8.07E-04	1.57E-01	4.65E-03	1.53E-01	2.87E-12	0.00E+00	9.18E-01	1.77E-06	3.76E-04	1.39E-03	0.00E+00	-7.13E-05	1.67E-10	4.58E-09	5.84E-03	2.43E-01	0.00E+00	0.00E+00	7.18E-01	1.09E-03	1.26E+00	0.00E+00	1.01E-08	5.01E-09	3.67E-04	4.07E-08	1.25E-01	0.00E+00	1.26E+00	2.63E-07	1.26E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MCN120E	8.04E-04	1.53E-01	4.93E-03	1.48E-01	0.00E+00	0.00E+00	8.91E-01	1.72E-06	3.74E-04	1.35E-03	0.00E+00	-1.32E-04	1.67E-10	4.53E-09	5.69E-03	2.38E-01	0.00E+00	0.00E+00	7.04E-01	1.76E-03	1.24E+00	0.00E+00	9.91E-09	4.93E-09	3.59E-04	5.46E-08	1.23E-01	0.00E+00	1.24E+00	2.56E-07	1.24E+00	1.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MCN120P	6.46E-04	1.42E-01	4.38E-03	1.39E-01	2.87E-12	0.00E+00	8.41E-01	1.72E-06	2.76E-04	1.29E-03	0.00E+00	-4.60E-05	1.49E-10	3.37E-09	5.60E-03	2.16E-01	0.00E+00	0.00E+00	6.52E-01	1.01E-03	1.27E+00	0.00E+00	9.93E-09	4.83E-09	3.26E-04	4.96E-08	1.12E-01	0.00E+00	1.27E+00	3.06E-07	1.27E+00	1.39E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MCN125	9.62E-04	1.57E-01	4.82E-03	1.52E-01	0.00E+00	0.00E+00	9.52E-01	1.83E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.97E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.29E-09	3.80E-04	3.60E-08	1.33E-01	0.00E+00	1.31E+00	2.67E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MCN125A	9.62E-04	1.62E-01	4.99E-03	1.57E-01	2.87E-12	0.00E+00	9.87E-01	1.88E-06	4.87E-04	1.45E-03	0.00E+00	-6.93E-05	1.81E-10	5.76E-09	6.11E-03	2.68E-01	0.00E+00	0.00E+00	7.82E-01	1.02E-03	1.33E+00	0.00E+00	1.06E-08	5.36E-09	3.93E-04	4.02E-08	1.36E-01	0.00E+00	1.33E+00	2.63E-07	1.33E+00	1.47E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
MCN125E	9.62E-04	1.57E-01	4.82E-03	1.52E-01	0.00E+00	0.00E+00	9.52E-01	1.83E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.97E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.29E-09	3.80E-04	3.60E-08	1.33E-01	0.00E+00	1.31E+00	2.67E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MCN125P	1.03E-03	1.60E-01	7.09E-03	1.44E-01	2.87E-12	0.00E+00	1.07E+00	2.56E-06	4.93E-04	1.50E-03	0.00E+00	-1.82E-04	2.00E-10	6.21E-09	7.79E-03	3.26E-01	0.00E+00	0.00E+00	9.61E-01	2.89E-03	1.98E+00	0.00E+00	1.53E-08	7.89E-09	4.42E-04	8.64E-08	1.66E-01	0.00E+00	1.98E+00	5.22E-07	1.98E+00	2.17E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MCN132	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN132A	1.55E-03	1.99E-01	6.08E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.41E-04	1.77E-03	0.00E+00	-7.64E-05	2.11E-10	1.00E-08	6.77E-03	3.53E-01	0.00E+00	0.00E+00	8.96E-01	1.12E-03	1.52E+00	0.00E+00	1.24E-08	6.65E-09	4.95E-04	4.09E-08	1.61E-01	0.00E+00	1.52E+00	2.46E-07	1.52E+00	1.68E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MCN132E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN132P	1.51E-03	1.61E-01	7.32E-03	1.44E-01	2.87E-12	0.00E+00	1.12E+00	2.55E-06	7.62E-04	1.50E-03	0.00E+00	-1.78E-04	2.03E-10	9.03E-09	7.79E-03	3.67E-01	0.00E+00	0.00E+00	1.01E+00	2.97E-03	1.98E+00	0.00E+00	1.53E-08	7.96E-09	4.61E-04	8.48E-08	1.76E-01	0.00E+00	1.98E+00	5.23E-07	1.98E+00	2.17E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
MCN140	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN140A	1.58E-03	1.99E-01	6.89E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.27E-04	1.77E-03	0.00E+00	-7.64E-05	2.34E-10	9.92E-09	6.81E-03	3.47E-01	0.00E+00	0.00E+00	8.89E-01	1.16E-03	1.51E+00	0.00E+00	1.23E-08	6.60E-09	4.92E-04	4.07E-08	1.59E-01	0.00E+00	1.51E+00	2.45E-07	1.51E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MCN140E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN140P	1.52E-03	1.61E-01	7.27E-03	1.45E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	7.72E-04	1.51E-03	0.00E+00	-1.78E-04	2.03E-10	9.19E-09	7.80E-03	3.67E-01	0.00E+00	0.00E+00	1.01E+00	2.89E-03	1.98E+00	0.00E+00	1.53E-08	7.97E-09	4.61E-04	7.91E-08	1.76E-01	0.00E+00	1.98E+00	5.24E-07	1.98E+00	2.17E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
MCN150	1.92E-03	2.05E-01	7.08E-03	1.98E-01	0.00E+00	0.00E+00	1.21E+00	2.22E-06	1.16E-03	1.84E-03	0.00E+00	-1.14E-04	2.30E-10	1.26E-08	7.25E-03	4.08E-01	0.00E+00	0.00E+00	1.04E+00	1.52E-03	1.65E+00	0.00E+00	1.33E-08	7.33E-09	5.35E-04	5.19E-08	1.84E-01	0.00E+00	1.65E+00	2.60E-07	1.65E+00	1.83E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
MCN150A	1.84E-03	2.09E-01	6.85E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.18E-06	1.11E-03	1.87E-03	0.00E+00	-1.13E-04	2.33E-10	1.19E-08	7.39E-03	4.02E-01	0.00E+00	0.00E+00	1.05E+00	1.60E-03	1.62E+00	0.00E+00	1.32E-08	7.15E-09	5.41E-04	5.23E-08	1.84E-01	0.00E+00	1.62E+00	2.53E-07	1.62E+00	1.80E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
MCN150E	1.83E-03	2.01E-01	7.09E-03	1.97E-01	2.87E-12	0.00E+00	1.21E+00	2.22E-06	1.09E-03	1.80E-03	0.00E+00	-1.10E-04	2.30E-10	1.18E-08	7.32E-03	4.07E-01	0.00E+00	0.00E+00	1.02E+00	1.54E-03	1.64E+00	0.00E+00	1.33E-08	7.15E-09	5.22E-04	4.90E-08	1.81E-01	0.00E+00	1.64E+00	2.63E-07	1.64E+00	1.81E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
MCN150P	1.67E-03	1.96E-01	7.51E-03	1.85E-01	2.87E-12	0.00E+00	1.18E+00	2.17E-06	7.79E-04	1.75E-03	0.00E+00	-1.10E-04	2.33E-10	1.04E-08	7.40E-03	3.98E-01	0.00E+00	0.00E+00	9.97E-01	1.69E-03	1.61E+00	0.00E+00	1.29E-08	7.07E-09	5.06E-04	5.60E-08	1.80E-01	0.00E+00	1.61E+00	2.36E-07	1.61E+00	1.78E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
MCN163	1.94E-03	2.07E-01	7.16E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.26E-06	1.18E-03	1.86E-03	0.00E+00	-1.14E-04	2.39E-10	1.28E-08	7.32E-03	4.13E-01	0.00E+00	0.00E+00	1.07E+00	1.52E-03	1.67E+00	0.00E+00	1.34E-08	7.43E-09	5.39E-04	5.20E-08	1.87E-01	0.00E+00	1.67E+00	2.67E-07	1.67E+00	1.85E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MCN163A	1.89E-03	2.07E-01	7.46E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	1.41E-03	1.87E-03	0.00E+00	-1.05E-04	2.53E-10	1.27E-08	7.36E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	1.54E-03	1.65E+00	0.00E+00	1.34E-08	7.29E-09	5.34E-04	5.22E-08	1.81E-01	0.00E+00	1.65E+00	2.52E-07	1.65E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+01
MCN163E	1.94E-03	2.07E-01	7.16E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.26E-06	1.18E-03	1.86E-03	0.00E+00	-1.14E-04	2.39E-10	1.28E-08	7.32E-03	4.13E-01	0.00E+00	0.00E+00	1.07E+00	1.52E-03	1.67E+00	0.00E+00	1.34E-08	7.43E-09	5.39E-04	5.20E-08	1.87E-01	0.00E+00	1.67E+00	2.67E-07	1.67E+00	1.85E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MCN163P	1.79E-03	1.96E-01	7.58E-03	1.85E-01	2.87E-12	0.00E+00	1.18E+00	2.18E-06	1.21E-03	1.76E-03	0.00E+00	-1.14E-04	2.38E-10	1.22E-08	7.42E-03	3.99E-01	0.00E+00	0.00E+00	1.00E+00	1.77E-03	1.62E+00	0.00E+00	1.30E-08	7.07E-09	5.09E-04	5.75E-08	1.80E-01	0.00E+00	1.62E+00	2.36E-07	1.62E+00	1.78E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
MCN200	2.32E-03	3.91E-01	1.23E-02	3.70E-01	2.87E-12	0.00E+00	2.06E+00	3.83E-06	5.93E-04	3.31E-03	0.00E+00	-3.62E-04	3.95E-10	1.00E-08	1.41E-02	5.35E-01	0.00E+00	0.00E+00	1.59E+00	2.99E-03	2.90E+00	0.00E+00	2.36E-08	1.21E-08	8.69E-04	1.51E-07	2.88E-01	0.00E+00	2.90E+00	4.96E-07	2.90E+00	3.22E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.67E+01
MCN200E	2.33E-03	3.90E-01	1.13E-02	3.68E-01	2.87E-12	0.00E+00	2.05E+00	3.81E-06	5.92E-04	3.30E-03	0.00E+00	-3.51E-04	3.57E-10	1.00E-08	1.37E-02	5.36E-01	0.00E+00	0.00E+00	1.59E+00	2.93E-03	2.88E+00	0.00E+00	2.34E-08	1.21E-08	8.74E-04	1.49E-07	2.87E-01	0.00E+00	2.88E+00	4.77E-07	2.88E+00	3.21E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MCN201	2.28E-03	3.95E-01	1.23E-02	3.75E-01	2.87E-12	0.00E+00	2.06E+00	3.85E-06	6.10E-04	3.33E-03	0.00E+00	-3.71E-04	3.97E-10	9.99E-09	1.41E-02	5.54E-01	0.00E+00	0.00E+00	1.62E+00	3.15E-03	2.92E+00	0.00E+00	2.38E-08	1.21E-08	8.73E-04	1.51E-07	2.90E-01	0.00E+00	2.92E+00	5.83E-07	2.92E+00	3.24E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
MCN201E	2.28E-03	3.94E-01	1.13E-02	3.73E-01	2.87E-12	0.00E+00	2.05E+00	3.81E-06	6.11E-04	3.32E-03	0.00E+00	-3.63E-04	3.58E-10	1.01E-08	1.38E-02	5.42E-01	0.00E+00	0.00E+00	1.61E+00	3.06E-03	2.91E+00	0.00E+00	2.36E-08	1.21E-08	8.78E-04	1.51E-07	2.90E-01	0.00E+00	2.91E+00	4.79E-07	2.91E+00	3.22E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
MCN201P	2.51E-03	3.85E-01	1.25E-02	3.64E-01	2.87E-12	0.00E+00	2.24E+00	4.62E-06	6.03E-04	3.39E-03	0.00E+00	-3.59E-04	4.32E-10	1.16E-08	1.55E-02	6.21E-01	0.00E+00	0.00E+00	1.80E+00	4.50E-03	3.63E+00	0.00E+00	2.88E-08	1.43E-08	9.48E-04	1.42E-07	3.37E-01	0.00E+00	3.63E+00	7.13E-07	3.63E+00	3.80E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.28E+01
MCN202	2.26E-03	3.96E-01	1.23E-02	3.76E-01	2.87E-12	0.00E+00	2.07E+00	3.86E-06	5.95E-04	3.33E-03	0.00E+00	-3.62E-04	3.98E-10	9.94E-09	1.41E-02	5.61E-01	0.00E+00	0.00E+00	1.63E+00	3.17E-03	2.93E+00	0.00E+00	2.41E-08	1.22E-08	8.77E-04	1.49E-07	2.92E-01	0.00E+00	2.93E+00	5.69E-07	2.93E+00	3.27E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
MCN202E	2.28E-03	3.92E-01	1.12E-02	3.74E-01	2.87E-12	0.00E+00	2.05E+00	3.82E-06	6.11E-04	3.33E-03	0.00E+00	-3.63E-04	3.57E-10	1.02E-08	1.38E-02	5.42E-01	0.00E+00	0.00E+00	1.62E+00	2.92E-03	2.91E+00	0.00E+00	2.39E-08	1.21E-08	8.78E-04	1.50E-07	2.91E-01	0.00E+00	2.91E+00	4.78E-07	2.91E+00	3.25E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
MCN202P	2.48E-03	3.85E-01	1.25E-02	3.65E-01	2.87E-12	0.00E+00	2.24E+00	4.61E-06	5.61E-04	3.40E-03	0.00E+00	-3.57E-04	4.32E-10	1.12E-08	1.54E-02	6.21E-01	0.00E+00	0.00E+00	1.80E+00	4.50E-03	3.63E+00	0.00E+00	2.88E-08	1.43E-08	9.48E-04	1.42E-07	3.36E-01	0.00E+00	3.63E+00	7.15E-07	3.63E+00	3.80E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
MCN203	2.30E-03	3.93E-01	1.23E-02	3.72E-01	2.87E-12	0.00E+00	2.07E+00	3.86E-06	9.76E-04	3.31E-03	0.00E+00	-3.67E-04	3.97E-10	1.14E-08	1.42E-02	5.56E-01	0.00E+00	0.00E+00	1.64E+00	3.06E-03	2.93E+00	0.00E+00	2.40E-08	1.22E-08	8.73E-04	1.47E-07	2.93E-01	0.00E+00	2.93E+00	5.81E-07	2.93E+00	3.28E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
MCN203E	2.30E-03	3.92E-01	1.12E-02	3.74E-01	2.87E-12	0.00E+00	2.06E+00	3.83E-06	9.88E-04	3.33E-03	0.00E+00	-3.67E-04	3.58E-10	1.15E-08	1.38E-02	5.43E-01	0.00E+00	0.00E+00	1.63E+00	2.93E-03	2.92E+00	0.00E+00	2.39E-08	1.21E-08	8.79E-04	1.47E-07	2.92E-01	0.00E+00	2.92E+00	4.87E-07	2.92E+00	3.27E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01
MCN203P	2.51E-03	3.80E-01	1.25E-02	3.58E-01	2.87E-12	0.00E+00	2.24E+00	4.62E-06	8.24E-04	3.35E-03	0.00E+00	-3.61E-04	4.09E-10	1.22E-08	1.55E-02	6.21E-01	0.00E+00	0.00E+00	1.81E+00	4.49E-03	3.63E+00	0.00E+00	2.88E-08	1.44E-08	9.46E-04	1.40E-07	3.38E-01	0.00E+00	3.63E+00	7.15E-07	3.63E+00	3.80E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
MCN204	2.19E-03	3.93E-01	1.23E-02	3.71E-01	2.87E-12	0.00E+00	2.04E+00	3.81E-06	9.56E-04	3.29E-03	0.00E+00	-3.81E-04	3.94E-10	1.11E-08	1.35E-02	5.52E-01	0.00E+00	0.00E+00	1.60E+00	3.03E-03	2.89E+00	0.00E+00	2.33E-08	1.19E-08	8.65E-04	1.51E-07	2.87E-01	0.00E+00	2.89E+00	5.80E-07	2.89E+00	3.19E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	5.70E+01
MCN204E	1.90E-03	3.87E-01	1.27E-02	3.74E-01	0.00E+00	0.00E+00	1.96E+00	3.70E-06	8.94E-04	3.34E-03	0.00E+00	-4.88E-04	3.87E-10	1.04E-08	1.30E-02	5.49E-01	0.00E+00	0.00E+00	1.58E+00	6.48E-03	2.80E+00	0.00E+00	2.26E-08	1.14E-08	8.74E-04	1.85E-07	2.77E-01	0.00E+00	2.80E+00	5.27E-07	2.80E+00	3.07E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
MCN204P	2.47E-03	3.80E-01	1.25E-02	3.58E-01	2.87E-12	0.00E+00	2.23E+00	4.60E-06	8.08E-04	3.35E-03	0.00E+00	-3.59E-04	4.23E-10	1.19E-08	1.53E-02	6.18E-01	0.00E+00	0.00E+00	1.80E+00	4.45E-03	3.63E+00	0.00E+00	2.88E-08	1.43E-08	9.46E-04	1.42E-07	3.37E-01	0.00E+00	3.63E+00	7.20E-07	3.63E+00	3.79E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MCN206	1.32E-03	3.01E-01	8.61E-03	2.92E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.60E-04	2.61E-03	0.00E+00	-2.03E-04	2.86E-10	6.97E-09	1.09E-02	4.28E-01	0.00E+00	0.00E+00	1.23E+00	2.72E-03	2.28E+00	0.00E+00	1.83E-08	8.90E-09	6.75E-04	8.89E-08	2.20E-01	0.00E+00	2.28E+00	4.41E-07	2.28E+00	2.50E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01
MCN206A	1.37E-03	3.00E-01	8.59E-03	2.91E-01	2.87E-12	0.00E+00	1.71E+00	3.43E-06	5.51E-04	2.63E-03	0.00E+00	-1.58E-04	3.03E-10	7.49E-09	1.15E-02	4.68E-01	0.00E+00	0.00E+00	1.34E+00	2.25E-03	2.49E+00	0.00E+00	1.96E-08	9.69E-09	6.94E-04	7.14E-08	2.35E-01	0.00E+00	2.49E+00	7.45E-07	2.49E+00	2.71E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
MCN206E	1.32E-03	3.01E-01	8.61E-03	2.92E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.60E-04	2.61E-03	0.00E+00	-2.03E-04	2.86E-10	6.97E-09	1.09E-02	4.28E-01	0.00E+00	0.00E+00	1.23E+00	2.72E-03	2.28E+00	0.00E+00	1.83E-08	8.90E-09	6.75E-04	8.89E-08	2.20E-01	0.00E+00	2.28E+00	4.41E-07	2.28E+00	2.50E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01
MCN206P	2.50E-03	3.74E-01	1.21E-02	3.56E-01	2.87E-12	0.00E+00	2.21E+00	4.56E-06	5.77E-04	3.31E-03	0.00E+00	-2.36E-04	3.99E-10	1.16E-08	1.53E-02	6.09E-01	0.00E+00	0.00E+00	1.79E+00	4.02E-03	3.56E+00	0.00E+00	2.84E-08	1.43E-08	9.38E-04	1.29E-07	3.34E-01	0.00E+00	3.56E+00	6.28E-07	3.56E+00	3.75E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.20E+01
MCN208E	1.40E-03	2.97E-01	8.48E-03	2.88E-01	2.87E-12	0.00E+00	1.67E+00	3.40E-06	6.16E-04	2.60E-03	0.00E+00	-1.57E-04	3.05E-10	7.61E-09	1.12E-02	4.50E-01	0.00E+00	0.00E+00	1.32E+00	2.24E-03	2.49E+00	0.00E+00	1.95E-08	9.22E-09	6.77E-04	7.35E-08	2.30E-01	0.00E+00	2.49E+00	7.52E-07	2.49E+00	2.70E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MCN210	1.20E-03	2.72E-01	6.77E-03	2.65E-01	0.00E+00	0.00E+00	1.42E+00	2.66E-06	5.19E-04	2.37E-03	0.00E+00	-8.42E-05	2.33E-10	6.25E-09	9.37E-03	3.74E-01	0.00E+00	0.00E+00	1.05E+00	1.14E-03	2.03E+00	0.00E+00	1.65E-08	8.00E-09	6.15E-04	4.83E-08	1.90E-01	0.00E+00	2.03E+00	4.14E-07	2.03E+00	2.22E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.71E+01
MCN210A	1.38E-03	3.00E-01	8.48E-03	2.91E-01	2.87E-12	0.00E+00	1.70E+00	3.45E-06	6.42E-04	2.63E-03	0.00E+00	-1.53E-04	3.08E-10	7.54E-09	1.16E-02	4.54E-01	0.00E+00	0.00E+00	1.36E+00	2.19E-03	2.51E+00	0.00E+00	1.97E-08	9.90E-09	6.83E-04	7.02E-08	2.36E-01	0.00E+00	2.51E+00	7.52E-07	2.51E+00	2.73E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MCN210E	1.34E-03	2.97E-01	8.29E-03	2.89E-01	0.00E+00	0.00E+00	1.68E+00	3.21E-06	5.64E-04	2.60E-03	0.00E+00	-1.45E-04	3.07E-10	7.08E-09	1.12E-02	4.38E-01	0.00E+00	0.00E+00	1.29E+00	1.95E-03	2.35E+00	0.00E+00	1.88E-08	9.19E-09	6.79E-04	7.04E-08	2.27E-01	0.00E+00	2.35E+00	4.99E-07	2.35E+00	2.58E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MCN210P	1.34E-03	2.36E-01	7.87E-03	2.23E-01	2.87E-12	0.00E+00	1.69E+00	3.73E-06	5.07E-04	2.16E-03	0.00E+00	-1.31E-04	3.01E-10	6.73E-09	1.18E-02	4.52E-01	0.00E+00	0.00E+00	1.39E+00	1.80E-03	2.78E+00	0.00E+00	2.14E-08	1.03E-08	6.19E-04	5.97E-08	2.43E-01	0.00E+00	2.78E+00	8.03E-07	2.78E+00	3.03E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MCN213	1.48E-03	3.02E-01	8.64E-03	2.93E-01	0.00E+00	0.00E+00	1.74E+00	3.33E-06	6.60E-04	2.65E-03	0.00E+00	-1.45E-04	3.25E-10	8.12E-09	1.14E-02	4.62E-01	0.00E+00	0.00E+00	1.36E+00	1.95E-03	2.42E+00	0.00E+00	1.93E-08	9.53E-09	6.99E-04	7.08E-08	2.38E-01	0.00E+00	2.42E+00	5.08E-07	2.42E+00	2.66E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
MCN213E	1.46E-03	3.01E-01	8.56E-03	2.91E-01	2.87E-12	0.00E+00	1.72E+00	3.30E-06	6.61E-04	2.63E-03	0.00E+00	-1.48E-04	3.10E-10	7.98E-09	1.12E-02	4.52E-01	0.00E+00	0.00E+00	1.34E+00	1.99E-03	2.40E+00	0.00E+00	1.91E-08	9.50E-09	6.93E-04	7.39E-08	2.37E-01	0.00E+00	2.40E+00	4.85E-07	2.40E+00	2.64E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MCN216	1.48E-03	3.01E-01	8.59E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.10E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.48E-09	6.97E-04	7.07E-08	2.36E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MCN216A	1.61E-03	2.81E-01	7.37E-03	2.73E-01	2.87E-12	0.00E+00	1.57E+00	2.98E-06	6.91E-04	2.45E-03	0.00E+00	-8.45E-05	2.70E-10	9.21E-09	1.00E-02	4.31E-01	0.00E+00	0.00E+00	1.19E+00	1.18E-03	2.18E+00	0.00E+00	1.77E-08	8.77E-09	6.33E-04	5.05E-08	2.13E-01	0.00E+00	2.18E+00	4.05E-07	2.18E+00	2.40E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.21E+01
MCN216E	1.48E-03	3.01E-01	8.59E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.10E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.48E-09	6.97E-04	7.07E-08	2.36E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MCN216P	1.35E-03	2.35E-01	7.86E-03	2.22E-01	2.87E-12	0.00E+00	1.69E+00	3.74E-06	5.68E-04	2.17E-03	0.00E+00	-1.31E-04	3.02E-10	7.34E-09	1.19E-02	4.53E-01	0.00E+00	0.00E+00	1.39E+00	1.81E-03	2.79E+00	0.00E+00	2.15E-08	1.04E-08	6.19E-04	6.00E-08	2.43E-01	0.00E+00	2.79E+00	8.02E-07	2.79E+00	3.03E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MCN220	1.64E-03	3.06E-01	8.99E-03	2.97E-01	0.00E+00	0.00E+00	1.79E+00	3.43E-06	7.72E-04	2.70E-03	0.00E+00	-1.45E-04	3.36E-10	9.32E-09	1.17E-02	4.87E-01	0.00E+00	0.00E+00	1.41E+00	1.95E-03	2.48E+00	0.00E+00	1.98E-08	9.88E-09	7.20E-04	7.12E-08	2.48E-01	0.00E+00	2.48E+00	5.09E-07	2.48E+00	2.73E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
MCN220A	1.63E-03	2.64E-01	7.51E-03	2.57E-01	2.87E-12	0.00E+00	1.68E+00	3.18E-06	7.35E-04	2.38E-03	0.00E+00	-8.05E-05	2.83E-10	9.35E-09	1.13E-02	4.40E-01	0.00E+00	0.00E+00	1.33E+00	1.18E-03	2.32E+00	0.00E+00	1.87E-08	9.78E-09	6.26E-04	5.05E-08	2.33E-01	0.00E+00	2.32E+00	4.05E-07	2.32E+00	2.58E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MCN220E	1.67E-03	3.88E-01	6.02E-02	3.28E-01	0.00E+00	0.00E+00	1.80E+00	3.43E-06	7.90E-04	2.91E-03	0.00E+00	-6.49E-03	3.37E-10	9.57E-09	1.19E-02	4.87E-01	0.00E+00	0.00E+00	1.42E+00	8.57E-02	2.49E+00	0.00E+00	1.99E-08	9.83E-09	7.62E-04	2.10E-06	2.40E-01	0.00E+00	2.49E+00	-2.27E-07	2.49E+00	2.73E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
MCN220P	2.03E-03	3.94E-01	1.17E-02	3.83E-01	2.87E-12	0.00E+00	2.21E+00	4.23E-06	7.29E-04	3.52E-03	0.00E+00	-1.63E-04	4.04E-10	1.01E-08	1.48E-02	5.61E-01	0.00E+00	0.00E+00	1.68E+00	2.11E-03	3.15E+00	0.00E+00	2.57E-08	1.27E-08	9.46E-04	9.11E-08	3.05E-01	0.00E+00	3.15E+00	5.96E-07	3.15E+00	3.46E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	5.92E+01
MCN225	1.90E-03	3.16E-01	9.47E-03	3.05E-01	2.87E-12	0.00E+00	1.89E+00	3.53E-06	9.92E-04	2.78E-03	0.00E+00	-1.87E-04	3.22E-10	1.16E-08	1.19E-02	5.29E-01	0.00E+00	0.00E+00	1.49E+00	2.59E-03	2.54E+00	0.00E+00	2.03E-08	1.03E-08	7.53E-04	8.42E-08	2.62E-01	0.00E+00	2.54E+00	4.59E-07	2.54E+00	2.80E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MCN225A	1.91E-03	3.18E-01	9.90E-03	3.09E-01	2.87E-12	0.00E+00	1.91E+00	3.57E-06	9.71E-04	2.80E-03	0.00E+00	-1.58E-04	3.45E-10	1.15E-08	1.21E-02	5.27E-01	0.00E+00	0.00E+00	1.50E+00	1.97E-03	2.56E+00	0.00E+00	2.05E-08	1.04E-08	7.58E-04	9.49E-08	2.65E-01	0.00E+00	2.56E+00	4.80E-07	2.56E+00	2.83E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.37E+01
MCN225E	1.90E-03	3.17E-01	1.00E-02	3.07E-01	0.00E+00	0.00E+00	1.89E+00	3.55E-06	9.71E-04	2.79E-03	0.00E+00	-2.03E-04	3.48E-10	1.14E-08	1.20E-02	5.27E-01	0.00E+00	0.00E+00	1.49E+00	2.72E-03	2.55E+00	0.00E+00	2.04E-08	1.03E-08	7.55E-04	9.05E-08	2.61E-01	0.00E+00	2.55E+00	4.72E-07	2.55E+00	2.81E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MCN225P	2.54E-03	3.78E-01	1.20E-02	3.57E-01	2.87E-12	0.00E+00	2.20E+00	4.61E-06	1.14E-03	3.37E-03	0.00E+00	-2.32E-04	3.95E-10	1.35E-08	1.53E-02	6.16E-01	0.00E+00	0.00E+00	1.82E+00	3.73E-03	3.68E+00	0.00E+00	2.91E-08	1.45E-08	9.41E-04	1.17E-07	3.38E-01	0.00E+00	3.68E+00	7.38E-07	3.68E+00	3.81E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
MCN232	3.27E-03	3.83E-01	1.25E-02	3.66E-01	2.87E-12	0.00E+00	2.36E+00	4.37E-06	1.78E-03	3.53E-03	0.00E+00	-2.18E-04	3.79E-10	2.05E-08	1.45E-02	7.80E-01	0.00E+00	0.00E+00	1.92E+00	3.33E-03	3.27E+00	0.00E+00	2.64E-08	1.46E-08	9.51E-04	1.17E-07	3.49E-01	0.00E+00	3.27E+00	5.71E-07	3.27E+00	3.59E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.07E+01
MCN232A	3.20E-03	3.98E-01	1.22E-02	3.87E-01	2.87E-12	0.00E+00	2.16E+00	3.95E-06	1.82E-03	3.53E-03	0.00E+00	-1.71E-04	4.20E-10	2.06E-08	1.38E-02	7.27E-01	0.00E+00	0.00E+00	1.84E+00	2.42E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.68E-04	8.78E-08	3.25E-01	0.00E+00	3.03E+00	5.67E-07	3.03E+00	3.36E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MCN232E	3.23E-03	3.89E-01	1.20E-02	3.77E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.46E-03	0.00E+00	-1.52E-04	4.16E-10	2.08E-08	1.35E-02	7.15E-01	0.00E+00	0.00E+00	1.83E+00	2.05E-03	2.98E+00	0.00E+00	2.43E-08	1.32E-08	9.80E-04	7.78E-08	3.23E-01	0.00E+00	2.98E+00	4.86E-07	2.98E+00	3.31E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN232P	3.04E-03	3.77E-01	1.30E-02	3.52E-01	2.87E-12	0.00E+00	2.21E+00	4.65E-06	1.59E-03	3.34E-03	0.00E+00	-2.65E-04	3.89E-10	1.80E-08	1.50E-02	7.36E-01	0.00E+00	0.00E+00	1.99E+00	3.80E-03	3.66E+00	0.00E+00	2.88E-08	1.50E-08	9.41E-04	1.18E-07	3.49E-01	0.00E+00	3.66E+00	4.96E-07	3.66E+00	3.82E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
MCN240	3.66E-03	3.82E-01	1.32E-02	3.67E-01	2.87E-12	0.00E+00	2.35E+00	4.35E-06	2.08E-03	3.44E-03	0.00E+00	-2.52E-04	3.81E-10	2.47E-08	1.44E-02	7.92E-01	0.00E+00	0.00E+00	1.93E+00	3.80E-03	3.22E+00	0.00E+00	2.61E-08	1.46E-08	9.81E-04	1.26E-07	3.48E-01	0.00E+00	3.22E+00	5.67E-07	3.22E+00	3.53E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01

MCN240A	3.23E-03	3.98E-01	1.33E-02	3.87E-01	2.87E-12	0.00E+00	2.17E+00	3.96E-06	1.83E-03	3.52E-03	0.00E+00	-2.28E-04	4.21E-10	2.07E-08	1.38E-02	7.44E-01	0.00E+00	0.00E+00	1.91E+00	3.06E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.69E-04	1.09E-07	3.29E-01	0.00E+00	3.03E+00	5.72E-07	3.03E+00	3.36E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MCN240E	3.22E-03	3.88E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.16E-10	2.08E-08	1.35E-02	7.14E-01	0.00E+00	0.00E+00	1.82E+00	3.19E-03	2.98E+00	0.00E+00	2.42E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.75E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN240P	3.04E-03	3.77E-01	1.35E-02	3.53E-01	2.87E-12	0.00E+00	2.21E+00	4.65E-06	1.60E-03	3.34E-03	0.00E+00	-2.99E-04	3.90E-10	1.82E-08	1.50E-02	7.50E-01	0.00E+00	0.00E+00	1.99E+00	4.21E-03	3.66E+00	0.00E+00	2.88E-08	1.52E-08	9.44E-04	1.25E-07	3.49E-01	0.00E+00	3.66E+00	4.96E-07	3.66E+00	3.81E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MCN250	3.21E-03	3.90E-01	1.23E-02	3.74E-01	2.87E-12	0.00E+00	2.25E+00	4.25E-06	1.79E-03	3.42E-03	0.00E+00	-2.98E-04	3.78E-10	1.97E-08	1.42E-02	7.26E-01	0.00E+00	0.00E+00	1.91E+00	3.99E-03	3.18E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.36E-07	3.44E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.49E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
MCN250A	3.67E-03	4.11E-01	1.39E-02	3.95E-01	2.87E-12	0.00E+00	2.35E+00	4.23E-06	2.09E-03	3.65E-03	0.00E+00	-2.21E-04	4.59E-10	2.41E-08	1.44E-02	8.06E-01	0.00E+00	0.00E+00	1.94E+00	3.00E-03	3.18E+00	0.00E+00	2.59E-08	1.35E-08	9.47E-04	1.10E-07	3.27E-01	0.00E+00	3.18E+00	5.89E-07	3.18E+00	3.53E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MCN250E	3.81E-03	4.04E-01	1.41E-02	3.90E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.32E-03	3.63E-03	0.00E+00	-2.28E-04	4.58E-10	2.52E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.05E-03	3.26E+00	0.00E+00	2.62E-08	1.45E-08	1.05E-03	1.03E-07	3.66E-01	0.00E+00	3.26E+00	4.98E-07	3.26E+00	3.63E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCN250P	3.17E-03	3.36E-01	1.38E-02	3.16E-01	2.87E-12	0.00E+00	2.32E+00	4.65E-06	1.67E-03	3.17E-03	0.00E+00	-5.07E-04	3.87E-10	1.92E-08	1.53E-02	7.93E-01	0.00E+00	0.00E+00	2.03E+00	5.45E-03	3.68E+00	0.00E+00	2.88E-08	1.55E-08	9.53E-04	1.82E-07	3.61E-01	0.00E+00	3.68E+00	5.16E-07	3.68E+00	3.84E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.49E+01
MCN263	4.65E-03	3.89E-01	1.30E-02	3.74E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	2.66E-03	3.41E-03	0.00E+00	-3.55E-04	3.78E-10	2.95E-08	1.42E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.19E-03	3.19E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.59E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MCN263A	4.66E-03	3.90E-01	1.30E-02	3.72E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	2.66E-03	3.40E-03	0.00E+00	-3.84E-04	3.78E-10	2.95E-08	1.39E-02	7.41E-01	0.00E+00	0.00E+00	1.96E+00	4.40E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.81E-04	1.47E-07	3.48E-01	0.00E+00	3.19E+00	4.07E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MCN263E	5.18E-03	3.90E-01	1.27E-02	3.73E-01	2.87E-12	0.00E+00	2.34E+00	4.36E-06	3.04E-03	3.41E-03	0.00E+00	-3.31E-04	3.50E-10	3.39E-08	1.40E-02	8.07E-01	0.00E+00	0.00E+00	2.00E+00	3.88E-03	3.22E+00	0.00E+00	2.53E-08	1.45E-08	9.81E-04	1.45E-07	3.54E-01	0.00E+00	3.22E+00	4.63E-07	3.22E+00	3.47E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MCN263P	3.23E-03	3.29E-01	1.41E-02	3.09E-01	2.87E-12	0.00E+00	2.32E+00	4.72E-06	1.72E-03	3.15E-03	0.00E+00	-5.54E-04	3.88E-10	2.01E-08	1.54E-02	8.00E-01	0.00E+00	0.00E+00	2.09E+00	6.51E-03	3.71E+00	0.00E+00	2.90E-08	1.57E-08	9.54E-04	2.09E-07	3.68E-01	0.00E+00	3.71E+00	5.15E-07	3.71E+00	3.88E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MCN300	2.89E-03	5.25E-01	2.80E-02	5.11E-01	2.87E-12	0.00E+00	2.98E+00	5.89E-06	1.13E-03	4.47E-03	0.00E+00	-4.54E-04	5.34E-10	1.56E-08	1.91E-02	8.39E-01	0.00E+00	0.00E+00	2.56E+00	6.80E-03	4.11E+00	0.00E+00	3.40E-08	1.85E-08	1.27E-03	1.79E-07	4.57E-01	0.00E+00	4.11E+00	4.72E-07	4.11E+00	4.54E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	9.26E+01
MCN300E	3.30E-03	5.84E-01	2.72E-02	5.65E-01	2.87E-12	0.00E+00	2.94E+00	5.71E-06	1.15E-03	5.15E-03	0.00E+00	-3.26E-04	5.78E-10	1.49E-08	1.98E-02	8.57E-01	0.00E+00	0.00E+00	2.43E+00	3.99E-03	4.30E+00	0.00E+00	3.48E-08	1.74E-08	1.34E-03	1.39E-07	4.27E-01	0.00E+00	4.30E+00	3.85E-07	4.30E+00	4.73E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.65E+01
MCN301	3.32E-03	5.79E-01	1.65E-02	5.59E-01	2.87E-12	0.00E+00	3.16E+00	5.74E-06	1.18E-03	5.09E-03	0.00E+00	-3.34E-04	5.86E-10	1.46E-08	2.08E-02	8.50E-01	0.00E+00	0.00E+00	2.39E+00	4.09E-03	4.26E+00	0.00E+00	3.46E-08	1.73E-08	1.35E-03	1.46E-07	4.23E-01	0.00E+00	4.26E+00	7.78E-07	4.26E+00	4.70E+00	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.54E+01
MCN301E	3.34E-03	5.85E-01	2.72E-02	5.66E-01	2.87E-12	0.00E+00	2.95E+00	5.71E-06	1.19E-03	5.12E-03	0.00E+00	-3.26E-04	5.80E-10	1.48E-08	2.00E-02	8.57E-01	0.00E+00	0.00E+00	2.42E+00	3.98E-03	4.29E+00	0.00E+00	3.47E-08	1.74E-08	1.34E-03	1.39E-07	4.27E-01	0.00E+00	4.29E+00	3.98E-07	4.29E+00	4.72E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.65E+01
MCN301P	3.00E-03	5.12E-01	1.68E-02	4.92E-01	2.87E-12	0.00E+00	3.26E+00	6.71E-06	1.02E-03	4.60E-03	0.00E+00	-5.20E-04	5.85E-10	1.39E-08	2.22E-02	8.70E-01	0.00E+00	0.00E+00	2.40E+00	6.99E-03	5.08E+00	0.00E+00	4.02E-08	1.95E-08	1.31E-03	1.93E-07	4.24E-01	0.00E+00	5.08E+00	1.16E-06	5.08E+00	5.70E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MCN302	3.08E-03	5.61E-01	1.77E-02	5.41E-01	2.87E-12	0.00E+00	3.28E+00	6.18E-06	1.11E-03	4.84E-03	0.00E+00	-4.98E-04	5.77E-10	1.55E-08	2.08E-02	8.50E-01	0.00E+00	0.00E+00	2.54E+00	7.16E-03	4.27E+00	0.00E+00	3.62E-08	1.89E-08	1.36E-03	1.93E-07	4.61E-01	0.00E+00	4.27E+00	1.14E-06	4.27E+00	4.66E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MCN302E	4.38E-03	5.79E-01	1.62E-02	5.63E-01	0.00E+00	0.00E+00	3.01E+00	5.66E-06	1.49E-03	5.04E-03	0.00E+00	-3.18E-04	5.91E-10	1.71E-08	1.98E-02	8.54E-01	0.00E+00	0.00E+00	2.43E+00	4.25E-03	4.26E+00	0.00E+00	3.44E-08	1.74E-08	1.33E-03	1.45E-07	4.27E-01	0.00E+00	4.26E+00	8.31E-07	4.26E+00	4.68E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MCN302P	3.00E-03	5.12E-01	1.68E-02	4.92E-01	2.87E-12	0.00E+00	3.26E+00	6.71E-06	1.03E-03	4.58E-03	0.00E+00	-5.19E-04	5.85E-10	1.39E-08	2.22E-02	8.70E-01	0.00E+00	0.00E+00	2.39E+00	6.97E-03	5.08E+00	0.00E+00	4.02E-08	1.95E-08	1.31E-03	1.94E-07	4.24E-01	0.00E+00	5.08E+00	1.16E-06	5.08E+00	5.70E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MCN303	3.34E-03	5.72E-01	1.64E-02	5.53E-01	2.87E-12	0.00E+00	2.91E+00	5.55E-06	1.28E-03	5.07E-03	0.00E+00	-2.94E-04	5.80E-10	1.50E-08	1.96E-02	8.49E-01	0.00E+00	0.00E+00	2.37E+00	3.80E-03	4.20E+00	0.00E+00	3.44E-08	1.73E-08	1.34E-03	1.44E-07	4.20E-01	0.00E+00	4.20E+00	7.79E-07	4.20E+00	4.65E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	8.54E+01
MCN303E	3.36E-03	5.81E-01	2.71E-02	5.62E-01	2.87E-12	0.00E+00	2.93E+00	5.70E-06	1.30E-03	5.10E-03	0.00E+00	-2.93E-04	5.85E-10	1.51E-08	1.97E-02	8.57E-01	0.00E+00	0.00E+00	2.43E+00	3.78E-03	4.29E+00	0.00E+00	3.48E-08	1.74E-08	1.34E-03	1.35E-07	4.27E-01	0.00E+00	4.29E+00	3.90E-07	4.29E+00	4.73E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.72E+01
MCN304	3.06E-03	5.58E-01	1.76E-02	5.38E-01	2.87E-12	0.00E+00	3.05E+00	5.94E-06	1.20E-03	4.82E-03	0.00E+00	-4.72E-04	5.68E-10	1.60E-08	1.94E-02	8.51E-01	0.00E+00	0.00E+00	2.51E+00	7.14E-03	4.19E+00	0.00E+00	3.56E-08	1.89E-08	1.35E-03	1.95E-07	4.59E-01	0.00E+00	4.19E+00	1.14E-06	4.19E+00	4.59E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.24E+01
MCN304E	3.06E-03	5.65E-01	2.81E-02	5.46E-01	2.87E-12	0.00E+00	3.08E+00	6.12E-06	1.23E-03	4.85E-03	0.00E+00	-4.67E-04	5.76E-10	1.62E-08	1.96E-02	8.59E-01	0.00E+00	0.00E+00	2.57E+00	7.00E-03	4.29E+00	0.00E+00	3.60E-08	1.90E-08	1.35E-03	1.82E-07	4.66E-01	0.00E+00	4.29E+00	4.62E-07	4.29E+00	4.69E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
MCN304P	3.00E-03	5.07E-01	1.68E-02	4.86E-01	2.87E-12	0.00E+00	3.25E+00	6.69E-06	1.03E-03	4.57E-03	0.00E+00	-5.25E-04	5.86E-10	1.39E-08	2.21E-02	8.70E-01	0.00E+00	0.00E+00	2.40E+00	6.96E-03	5.03E+00	0.00E+00	4.00E-08	1.95E-08	1.31E-03	1.93E-07	4.25E-01	0.00E+00	5.03E+00	1.16E-06	5.03E+00	5.68E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.68E+01
MCN306	1.97E-03	4.49E-01	1.27E-02	4.37E-01	0.00E+00	0.00E+00	2.47E+00	4.62E-06	8.39E-04	3.90E-03	0.00E+00	-2.76E-04	4.29E-10	1.04E-08	1.64E-02	6.40E-01	0.00E+00	0.00E+00	1.84E+00	3.69E-03	3.41E+00	0.00E+00	2.74E-08	1.33E-08	1.01E-03	1.24E-07	3.29E-01	0.00E+00	3.41E+00	6.59E-07	3.41E+00	3.74E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MCN306A	2.17E-03	4.52E-01	1.26E-02	4.37E-01	2.87E-12	0.00E+00	2.57E+00	4.79E-06	9.01E-04	4.00E-03	0.00E+00	-2.49E-04	4.51E-10	1.11E-08	1.69E-02	6.65E-01	0.00E+00	0.00E+00	1.92E+00	3.20E-03	3.55E+00	0.00E+00	2.84E-08	1.37E-08	1.03E-03	1.14E-07	3.42E-01	0.00E+00	3.55E+00	7.04E-07	3.55E+00	3.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MCN306E	1.97E-03	4.49E-01	1.27E-02	4.37E-01	0.00E+00	0.00E+00	2.47E+00	4.62E-06	8.39E-04	3.90E-03	0.00E+00	-2.76E-04	4.29E-10	1.04E-08	1.64E-02	6.40E-01	0.00E+00	0.00E+00	1.84E+00	3.69E-03	3.41E+00	0.00E+00	2.74E-08	1.33E-08	1.01E-03	1.24E-07	3.29E-01	0.00E+00	3.41E+00	6.59E-07	3.41E+00	3.74E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MCN306P	2.95E-03	4.87E-01	1.67E-02	4.76E-01	2.87E-12	0.00E+00	2.93E+00	6.58E-06	1.03E-03	4.36E-03	0.00E+00	-4.34E-04	5.75E-10	1.38E-08	2.16E-02	8.74E-01	0.00E+00	0.00E+00	2.42E+00	6.85E-03	4.97E+00	0.00E+00	3.92E-08	1.95E-08	1.27E-03	1.89E-07	4.27E-01	0.00E+00	4.97E+00	9.14E-07	4.97E+00	5.59E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.74E+01
MCN308	2.18E-03	4.51E-01	1.28E-02	4.37E-01	2.87E-12	0.00E+00	2.57E+00	4.89E-06	1.01E-03	3.98E-03	0.00E+00	-2.26E-04	4.66E-10	1.21E-08	1.70E-02	6.65E-01	0.00E+00	0.00E+00	1.93E+00	2.99E-03	3.58E+00	0.00E+00	2.86E-08	1.41E-08	1.03E-03	1.09E-07	3.47E-01	0.00E+00	3.58E+00	7.41E-07	3.58E+00	3.93E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MCN310	1.80E-03	4.07E-01	1.01E-02	3.97E-01	0.00E+00	0.00E+00	2.13E+00	3.98E-06	7.77E-04	3.55E-03	0.00E+00	-1.26E-04	3.48E-10	9.37E-09	1.40E-02	5.59E-01	0.00E+00	0.00E+00	1.57E+00	1.71E-03	3.04E+00	0.00E+00	2.47E-08	1.20E-08	9.20E-04	7.23E-08	2.85E-01	0.00E+00	3.04E+00	6.15E-07	3.04E+00	3.32E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	5.56E+01
MCN310A	2.24E-03	4.53E-01	2.31E-02	4.38E-01	2.87E-12	0.00E+00	2.61E+00	4.94E-06	1.01E-03	4.02E-03	0.00E+00	-2.21E-04	4.74E-10	1.21E-08	1.72E-02	6.67E-01	1.83E-06	8.31E-06	1.96E+00	2.92E-03	3.62E+00	0.00E+00	2.88E-08	1.42E-08	1.04E-03	1.99E-07	3.51E-01	0.00E+00	3.62E+00	7.36E-07	3.62E+00	3.96E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
MCN310E	1.80E-03	4.07E-01	1.01E-02	3.97E-01	0.00E+00	0.00E+00	2.13E+00	3.98E-06	7.77E-04	3.55E-03	0.00E+00	-1.26E-04	3.48E-10	9.37E-09	1.40E-02	5.59E-01	0.00E+00	0.00E+00	1.57E+00	1.71E-03	3.04E+00	0.00E+00	2.47E-08	1.20E-08	9.20E-04	7.23E-08	2.85E-01	0.00E+00	3.04E+00	6.15E-07	3.04E+00	3.32E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	5.56E+01
MCN310P	2.56E-03	5.16E-01	3.66E-02	4.96E-01	2.87E-12	0.00E+00	3.21E+00	6.52E-06	9.75E-04	4.90E-03	0.00E+00	-5.44E-04	5.61E-10	1.19E-08	2.19E-02	8.31E-01	1.83E-06	8.31E-06	2.32E+00	6.88E-03	4.68E+00	0.00E+00	3.81E-08	1.78E-08	1.29E-03	2.75E-07	4.17E-01	0.00E+00	4.68E+00	7.39E-07	4.68E+00	5.15E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
MCN313	2.22E-03	4.52E-01	1.29E-02	4.39E-01	0.00E+00	0.00E+00	2.60E+00	4.98E-06	9.89E-04	3.96E-03	0.00E+00	-2.18E-04	4.87E-10	1.22E-08	1.71E-02	6.91E-01	0.00E+00	0.00E+00	2.04E+00	2.93E-03	3.62E+00	0.00E+00	2.88E-08	1.43E-08	1.05E-03	1.06E-07	3.56E-01	0.00E+00	3.62E+00	7.56E-07	3.62E+00	3.97E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.32E+01
MCN313E	2.26E-03	4.52E-01	1.28E-02	4.38E-01	2.87E-12	0.00E+00	2.59E+00	4.95E-06	1.03E-03	4.02E-03	0.00E+00	-2.23E-04	4.75E-10	1.24E-08	1.71E-02	6.73E-01	0.00E+00	0.00E+00	1.99E+00	2.95E-03	3.62E+00	0.00E+00	2.89E-08	1.42E-08	1.05E-03	1.07E-07	3.54E-01	0.00E+00	3.62E+00	7.46E-07	3.62E+00	3.97E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
MCN316	2.21E-03	4.50E-01	1.29E-02	4.37E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	9.88E-04	3.95E-03	0.00E+00	-2.18E-04	4.75E-10	1.21E-08	1.71E-02	6.88E-01	0.00E+00	0.00E+00	2.01E+00	2.93E-03	3.60E+00	0.00E+00	2.87E-08	1.42E-08	1.04E-03	1.06E-07	3.53E-01	0.00E+00	3.60E+00	7.45E-07	3.60E+00	3.95E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MCN316A	2.39E-03	4.54E-01	1.30E-02	4.40E-01	2.87E-12	0.00E+00	2.63E+00	4.99E-06	1.03E-03	3.97E-03	0.00E+00	-2.19E-04	4.82E-10	1.30E-08	1.72E-02	6.99E-01	0.00E+00	0.00E+00	2.02E+00	2.94E-03	3.63E+00	0.00E+00	2.89E-08	1.43E-08	1.05E-03	1.03E-07	3.56E-01	0.00E+00	3.63E+00	7.45E-07	3.63E+00	3.98E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MCN316E	1.80E-03	4.07E-01	1.02E-02	3.97E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	7.77E-04	3.55E-03	0.00E+00	-1.26E-04	3.49E-10	9.38E-09	1.40E-02	5.60E-01	0.00E+00	0.00E+00	1.58E+00	1.71E-03	3.04E+00	0.00E+00	2.47E-08	1.20E-08	9.20E-04	7.23E-08	2.86E-01	0.00E+00	3.04E+00	6.17E-07	3.04E+00	3.33E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	5.57E+01
MCN316P	2.02E-03	4.17E-01	1.18E-02	4.11E-01	2.87E-12	0.00E+00	2.28E+00	4.33E-06	9.51E-04	3.67E-03	0.00E+00	-2.06E-04	4.39E-10	1.09E-08	1.50E-02	6.24E-01	0.00E+00	0.00E+00	1.76E+00	2.49E-03	3.24E+00	0.00E+00	2.63E-08	1.27E-08	9.58E-04	9.63E-08	3.10E-01	0.00E+00	3.24E+00	6.72E-07	3.24E+00	3.54E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.35E+01
MCN320	2.45E-03	4.58E-01	1.35E-02	4.45E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.04E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.59E-07	3.71E+00	4.09E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MCN320A	2.60E-03	4.61E-01	1.35E-02	4.47E-01	2.87E-12	0.00E+00	2.72E+00	5.17E-06	1.20E-03	4.05E-03	0.00E+00	-2.19E-04	5.04E-10	1.49E-08	1.76E-02	7.32E-01	0.00E+00	0.00E+00	2.12E+00	2.94E-03	3.72E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.05E-07	3.71E-01	0.00E+00	3.72E+00	7.46E-07	3.72E+00	4.09E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCN320E	2.45E-03	4.58E-01	1.35E-02	4.45E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.04E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.59E-07	3.71E+00	4.09E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MCN320P	3.24E-03	5.19E-01	1.78E-02	4.94E-01	2.87E-12	0.00E+00	3.04E+00	6.74E-06	1.46E-03	4.62E-03	0.00E+00	-4.65E-04	6.12E-10	1.78E-08	2.23E-02	9.51E-01	0.00E+00	0.00E+00	2.70E+00	7.00E-03	5.06E+00	0.00E+00	4.02E-08	2.10E-08	1.38E-03	1.97E-07	4.71E-01	0.00E+00	5.06E+00	9.54E-07	5.06E+00	5.68E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.87E+01
MCN325	2.85E-03	4.75E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.89E-01	0.00E+00	0.00E+00	2.23E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.06E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
MCN325A	2.91E-03	4.80E-01	1.48E-02	4.66E-01	2.87E-12	0.00E+00	2.84E+00	5.35E-06	1.45E-03	4.20E-03	0.00E+00	-2.40E-04	5.24E-10	1.73E-08	1.81E-02	7.87E-01	0.00E+00	0.00E+00	2.22E+00	3.07E-03	3.82E+00	0.00E+00	3.06E-08	1.54E-08	1.13E-03	1.14E-07	3.93E-01	0.00E+00	3.82E+00	7.15E-07	3.82E+00	4.21E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
MCN325E	2.85E-03	4.75E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.89E-01	0.00E+00	0.00E+00	2.23E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.06E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
MCN325P	3.31E-03	5.14E-01	1.80E-02	4.92E-01	2.87E-12	0.00E+00	3.10E+00	6.79E-06	1.52E-03	4.59E-03	0.00E+00	-4.72E-04	6.12E-10	1.83E-08	2.24E-02	9.52E-01	0.00E+00	0.00E+00	2.77E+00	7.02E-03	5.08E+00	0.00E+00	4.03E-08	2.16E-08	1.38E-03	1.98E-07	4.82E-01	0.00E+00	5.08E+00	1.17E-06	5.08E+00	5.71E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN332	4.84E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.47E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.84E-01	0.00E+00	4.47E+00	7.24E-07	4.47E+00	4.95E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN332A	5.34E-03	5.67E-01	2.10E-02	5.53E-01	2.87E-12	0.00E+00	3.70E+00	6.21E-06	3.02E-03	5.13E-03	0.00E+00	-5.03E-04	6.38E-10	3.48E-08	2.08E-02	1.22E+00	0.00E+00	0.00E+00	3.22E+00	7.37E-03	4.56E+00	0.00E+00	3.80E-08	2.20E-08	1.53E-03	2.20E-07	5.74E-01	0.00E+00	4.56E+00	7.46E-07	4.56E+00	4.94E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MCN332E	4.84E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.47E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.84E-01	0.00E+00	4.47E+00	7.24E-07	4.47E+00	4.95E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN332P	4.49E-03	5.16E-01	2.00E-02	4.92E-01	2.87E-12	0.00E+00	3.38E+00	6.87E-06	2.40E-03	4.60E-03	0.00E+00	-5.12E-04	6.23E-10	2.76E-08	2.26E-02	1.11E+00	0.00E+00	0.00E+00	2.92E+00	6.84E-03	5.19E+00	0.00E+00	4.12E-08	2.27E-08	1.41E-03	2.01E-07	5.15E-01	0.00E+00	5.19E+00	1.16E-06	5.19E+00	5.85E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCN340	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.83E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.94E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN340A	4.87E-03	5.86E-01	1.97E-02	5.66E-01	2.87E-12	0.00E+00	3.50E+00	6.03E-06	2.86E-03	5.22E-03	0.00E+00	-3.79E-04	6.24E-10	3.14E-08	2.23E-02	1.07E+00	0.00E+00	0.00E+00	2.75E+00	5.02E-03	4.44E+00	0.00E+00	3.65E-08	1.98E-08	1.49E-03	1.71E-07	4.87E-01	0.00E+00	4.44E+00	7.18E-07	4.44E+00	4.95E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN340E	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.83E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.94E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN340P	4.48E-03	4.99E-01	2.03E-02	4.68E-01	2.87E-12	0.00E+00	3.32E+00	6.90E-06	2.36E-03	4.53E-03	0.00E+00	-5.45E-04	6.02E-10	2.74E-08	2.28E-02	1.10E+00	0.00E+00	0.00E+00	2.93E+00	7.73E-03	5.15E+00	0.00E+00	4.10E-08	2.28E-08	1.40E-03	2.25E-07	5.15E-01	0.00E+00	5.15E+00	1.19E-06	5.15E+00	5.84E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
MCN350	5.71E-03	6.05E-01	2.12E-02	5.84E-01	0.00E+00	0.00E+00	3.61E+00	6.61E-06	3.48E-03	5.43E-03	0.00E+00	-3.42E-04	6.87E-10	3.78E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.11E+00	4.57E-03	4.88E+00	0.00E+00	3.93E-08	2.17E-08	1.58E-03	1.55E-07	5.48E-01	0.00E+00	4.88E+00	7.43E-07	4.88E+00	5.43E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MCN350A	5.75E-03	6.08E-01	2.15E-02	5.89E-01	2.87E-12	0.00E+00	3.56E+00	6.59E-06	3.49E-03	5.48E-03	0.00E+00	-3.62E-04	6.84E-10	3.82E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.88E-03	4.86E+00	0.00E+00	3.92E-08	2.18E-08	1.59E-03	1.71E-07	5.53E-01	0.00E+00	4.86E+00	7.54E-07	4.86E+00	5.43E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MCN350E	5.71E-03	6.05E-01	2.12E-02	5.84E-01	0.00E+00	0.00E+00	3.61E+00	6.61E-06	3.48E-03	5.43E-03	0.00E+00	-3.42E-04	6.87E-10	3.78E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.11E+00	4.57E-03	4.88E+00	0.00E+00	3.93E-08	2.17E-08	1.58E-03	1.55E-07	5.48E-01	0.00E+00	4.88E+00	7.43E-07	4.88E+00	5.43E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MCN350P	5.09E-03	4.70E-01	2.54E-02	4.44E-01	2.87E-12	0.00E+00	3.64E+00	7.59E-06	2.78E-03	4.57E-03	0.00E+00	-9.64E-04	6.32E-10	3.19E-08	2.40E-02	1.23E+00	0.00E+00	0.00E+00	3.19E+00	9.84E-03	5.55E+00	0.00E+00	4.35E-08	2.39E-08	1.42E-03	3.63E-07	5.59E-01	0.00E+00	5.55E+00	1.03E-06	5.55E+00	6.16E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MCN363	5.78E-03	6.09E-01	2.14E-02	5.88E-01	0.00E+00	0.00E+00	3.65E+00	6.73E-06	3.52E-03	5.47E-03	0.00E+00	-3.42E-04	7.14E-10	3.83E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.19E+00	4.57E-03	4.94E+00	0.00E+00	3.96E-08	2.20E-08	1.59E-03	1.55E-07	5.58E-01	0.00E+00	4.94E+00	7.66E-07	4.94E+00	5.49E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MCN363A	5.80E-03	6.11E-01	2.16E-02	5.92E-01	2.87E-12	0.00E+00	3.66E+00	6.70E-06	3.52E-03	5.52E-03	0.00E+00	-3.62E-04	7.04E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.88E-03	4.95E+00	0.00E+00	3.99E-08	2.20E-08	1.60E-03	1.72E-07	5.61E-01	0.00E+00	4.95E+00	7.73E-07	4.95E+00	5.51E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCN363E	5.78E-03	6.09E-01	2.14E-02	5.88E-01	0.00E+00	0.00E+00	3.65E+00	6.73E-06	3.52E-03	5.47E-03	0.00E+00	-3.42E-04	7.14E-10	3.83E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.19E+00	4.57E-03	4.94E+00	0.00E+00	3.96E-08	2.20E-08	1.59E-03	1.55E-07	5.58E-01	0.00E+00	4.94E+00	7.66E-07	4.94E+00	5.49E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MCN363P	5.10E-03	4.60E-01	2.53E-02	4.41E-01	2.87E-12	0.00E+00	3.66E+00	7.74E-06	2.77E-03	4.56E-03	0.00E+00	-9.68E-04	6.22E-10	3.21E-08	2.47E-02	1.23E+00	0.00E+00	0.00E+00	3.21E+00	1.13E-02	5.58E+00	0.00E+00	4.36E-08	2.41E-08	1.42E-03	3.68E-07	5.63E-01	0.00E+00	5.58E+00	1.20E-06	5.58E+00	6.20E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCN400	5.00E-03	7.98E-01	2.40E-02	7.76E-01	2.87E-12	0.00E+00	4.52E+00	8.63E-06	1.31E-03	7.05E-03	0.00E+00	-3.86E-04	8.21E-10	2.18E-08	2.72E-02	1.32E+00	0.00E+00	0.00E+00	3.66E+00	5.10E-03	6.00E+00	0.00E+00	4.73E-08	2.52E-08	2.01E-03	1.70E-07	6.47E-01	0.00E+00	6.00E+00	9.99E-07	6.00E+00	6.63E+00	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN400E	2.80E-03	4.89E-01	2.52E-02	4.76E-01	2.87E-12	0.00E+00	2.73E+00	5.09E-06	1.06E-03	4.18E-03	0.00E+00	-3.78E-04	4.91E-10	1.42E-08	1.76E-02	6.53E-01	0.00E+00	0.00E+00	1.97E+00	3.67E-03	3.64E+00	0.00E+00	2.93E-08	1.39E-08	1.12E-03	1.45E-07	3.53E-01	0.00E+00	3.64E+00	3.85E-07	3.64E+00	3.98E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
MCN401	5.00E-03	8.05E-01	2.41E-02	7.84E-01	2.87E-12	0.00E+00	4.53E+00	8.63E-06	1.72E-03	7.11E-03	0.00E+00	-3.85E-04	8.27E-10	2.24E-08	2.74E-02	1.32E+00	0.00E+00	0.00E+00	3.68E+00	5.05E-03	6.07E+00	0.00E+00	4.75E-08	2.54E-08	2.03E-03	1.70E-07	6.51E-01	0.00E+00	6.07E+00	9.99E-07	6.07E+00	6.71E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN401E	5.00E-03	8.03E-01	2.40E-02	7.82E-01	2.87E-12	0.00E+00	4.53E+00	8.63E-06	1.72E-03	7.09E-03	0.00E+00	-3.87E-04	8.23E-10	2.24E-08	2.74E-02	1.32E+00	0.00E+00	0.00E+00	3.66E+00	5.06E-03	6.05E+00	0.00E+00	4.75E-08	2.54E-08	2.03E-03	1.66E-07	6.49E-01	0.00E+00	6.05E+00	1.00E-06	6.05E+00	6.69E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN402	5.00E-03	8.03E-01	2.41E-02	7.86E-01	2.87E-12	0.00E+00	4.51E+00	8.62E-06	1.33E-03	7.05E-03	0.00E+00	-3.07E-04	8.21E-10	2.19E-08	2.73E-02	1.39E+00	0.00E+00	0.00E+00	3.70E+00	4.09E-03	6.02E+00	0.00E+00	4.84E-08	2.62E-08	2.03E-03	1.61E-07	6.54E-01	0.00E+00	6.02E+00	1.00E-06	6.02E+00	6.65E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN402E	5.00E-03	8.10E-01	2.41E-02	7.95E-01	2.87E-12	0.00E+00	4.52E+00	8.62E-06	1.33E-03	7.11E-03	0.00E+00	-3.07E-04	8.23E-10	2.19E-08	2.74E-02	1.40E+00	0.00E+00	0.00E+00	3.71E+00	4.09E-03	6.08E+00	0.00E+00	4.89E-08	2.65E-08	2.05E-03	1.61E-07	6.56E-01	0.00E+00	6.08E+00	1.00E-06	6.08E+00	6.73E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN402P	4.87E-03	7.99E-01	2.88E-02	7.71E-01	2.87E-12	0.00E+00	4.53E+00	8.13E-06	1.17E-03	7.07E-03	0.00E+00	-6.06E-04	8.97E-10	2.05E-08	2.94E-02	1.52E+00	0.00E+00	0.00E+00	3.81E+00	7.61E-03	6.26E+00	0.00E+00	4.99E-08	2.73E-08	2.06E-03	2.18E-07	6.84E-01	0.00E+00	6.26E+00	1.24E-06	6.26E+00	6.90E+00	6.84E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCN403	5.12E-03	6.63E-01	2.95E-02	6.35E-01	2.87E-12	0.00E+00	4.41E+00	8.48E-06	2.68E-03	5.98E-03	0.00E+00	-3.05E-04	7.97E-10	3.04E-08	2.67E-02	1.25E+00	0.00E+00	0.00E+00	3.56E+00	4.12E-03	5.86E+00	0.00E+00	4.66E-08	2.38E-08	1.53E-03	1.54E-07	6.28E-01	0.00E+00	5.86E+00	4.11E-07	5.86E+00	6.48E+00	6.28E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
MCN403E	5.13E-03	1.01E+00	5.00E-02	9.50E-01	2.87E-12	0.00E+00	5.96E+00	1.20E-05	2.68E-03	9.02E-03	0.00E+00	-3.69E-04	1.22E-09	3.04E-08	3.90E-02	1.89E+00	1.83E-06	8.31E-06	4.73E+00	4.45E-03	7.97E+00	0.00E+00	6.62E-08	3.38E-08	2.31E-03	2.67E-07	8.56E-01	0.00E+00	7.97E+00	1.30E-06	7.97E+00	8.60E+00	8.56E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+02
MCN404	5.09E-03	8.02E-01	2.45E-02	7.85E-01	2.87E-12	0.00E+00	4.52E+00	8.63E-06	2.68E-03	7.04E-03	0.00E+00	-3.63E-04	8.21E-10	3.03E-08	2.73E-02	1.39E+00	0.00E+00	0.00E+00	3.70E+00	4.64E-03	6.00E+00	0.00E+00	4.83E-08	2.62E-08	2.03E-03	1.68E-07	6.53E-01	0.00E+00	6.00E+00	1.00E-06	6.00E+00	6.63E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN404E	5.09E-03	8.10E-01	2.41E-02	7.94E-01	2.87E-12	0.00E+00	4.53E+00	8.63E-06	2.68E-03	7.11E-03	0.00E+00	-3.64E-04	8.24E-10	3.03E-08	2.74E-02	1.40E+00	0.00E+00	0.00E+00	3.71E+00	4.63E-03	6.07E+00	0.00E+00	4.88E-08	2.65E-08	2.05E-03	1.65E-07	6.56E-01	0.00E+00	6.07E+00	1.00E-06	6.07E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN406	2.79E-03	5.94E-01	1.67E-02	5.80E-01	2.87E-12	0.00E+00	3.41E+00	6.35E-06	1.09E-03	5.22E-03	0.00E+00	-2.97E-04	5.93E-10	1.40E-08	2.21E-02	8.56E-01	0.00E+00	0.00E+00	2.51E+00	3.99E-03	4.69E+00	0.00E+00	3.75E-08	1.78E-08	1.36E-03	1.51E-07	4.48E-01	0.00E+00	4.69E+00	9.97E-07	4.69E+00	5.13E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	8.95E+01
MCN406A	2.80E-03	5.95E-01	1.68E-02	5.81E-01	2.87E-12	0.00E+00	3.41E+00	6.35E-06	1.10E-03	5.23E-03	0.00E+00	-2.94E-04	5.90E-10	1.40E-08	2.23E-02	8.59E-01	0.00E+00	0.00E+00	2.53E+00	3.94E-03	4.70E+00	0.00E+00	3.76E-08	1.79E-08	1.35E-03	1.47E-07	4.48E-01	0.00E+00	4.70E+00	9.30E-07	4.70E+00	5.15E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
MCN406P	4.86E-03	6.08E-01	2.53E-02	5.67E-01	2.87E-12	0.00E+00	4.39E+00	8.11E-06	1.16E-03	5.34E-03	0.00E+00	-5.91E-04	8.21E-10	2.05E-08	2.74E-02	1.38E+00	0.00E+00	0.00E+00	3.77E+00	7.56E-03	6.08E+00	0.00E+00	4.92E-08	2.59E-08	1.53E-03	2.15E-07	6.65E-01	0.00E+00	6.08E+00	9.72E-07	6.08E+00	6.73E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MCN410	2.83E-03	5.96E-01	1.72E-02	5.84E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.26E-03	5.28E-03	0.00E+00	-2.98E-04	6.17E-10	1.50E-08	2.26E-02	8.83E-01	0.00E+00	0.00E+00	2.60E+00	3.95E-03	4.76E+00	0.00E+00	3.81E-08	1.84E-08	1.36E-03	1.51E-07	4.60E-01	0.00E+00	4.76E+00	9.98E-07	4.76E+00	5.22E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.33E+01
MCN410A	2.95E-03	6.00E-01	1.79E-02	5.86E-01	2.87E-12	0.00E+00	3.45E+00	6.55E-06	1.25E-03	5.35E-03	0.00E+00	-2.91E-04	6.39E-10	1.60E-08	2.27E-02	9.26E-01	0.00E+00	0.00E+00	2.67E+00	3.93E-03	4.77E+00	0.00E+00	3.81E-08	1.87E-08	1.38E-03	1.47E-07	4.70E-01	0.00E+00	4.77E+00	9.98E-07	4.77E+00	5.23E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.58E+01
MCN410E	2.75E-03	5.96E-01	1.69E-02	5.78E-01	2.87E-12	0.00E+00	3.37E+00	6.50E-06	1.22E-03	5.22E-03	0.00E+00	-2.98E-04	6.12E-10	1.46E-08	2.24E-02	8.79E-01	0.00E+00	0.00E+00	2.47E+00	3.95E-03	4.66E+00	0.00E+00	3.74E-08	1.82E-08	1.36E-03	1.51E-07	4.47E-01	0.00E+00	4.66E+00	8.42E-07	4.66E+00	5.09E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	8.97E+01
MCN410P	2.83E-03	5.33E-01	1.70E-02	5.18E-01	2.87E-12	0.00E+00	3.29E+00	6.72E-06	1.17E-03	4.99E-03	0.00E+00	-5.51E-04	5.80E-10	1.38E-08	2.23E-02	8.34E-01	0.00E+00	0.00E+00	2.37E+00	6.91E-03	4.94E+00	0.00E+00	3.96E-08	1.79E-08	1.31E-03	1.95E-07	4.22E-01	0.00E+00	4.94E+00	8.06E-07	4.94E+00	5.38E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.48E+01
MCN413	2.96E-03	6.03E-01	1.76E-02	5.86E-01	2.87E-12	0.00E+00	3.47E+00	6.59E-06	1.37E-03	5.32E-03	0.00E+00	-2.98E-04	6.29E-10	1.62E-08	2.28E-02	9.23E-01	0.00E+00	0.00E+00	2.70E+00	3.95E-03	4.83E+00	0.00E+00	3.87E-08	1.91E-08	1.41E-03	1.47E-07	4.74E-01	0.00E+00	4.83E+00	1.00E-06	4.83E+00	5.33E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
MCN413E	2.95E-03	6.03E-01	1.76E-02	5.86E-01	2.87E-12	0.00E+00	3.47E+00	6.59E-06	1.37E-03	5.31E-03	0.00E+00	-2.98E-04	6.29E-10	1.62E-08	2.28E-02	9.23E-01	0.00E+00	0.00E+00	2.70E+00	3.94E-03	4.83E+00	0.00E+00	3.87E-08	1.91E-08	1.41E-03	1.47E-07	4.74E-01	0.00E+00	4.83E+00	1.00E-06	4.83E+00	5.33E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	9.76E+01
MCN416	2.97E-03	6.04E-01	1.75E-02	5.85E-01	2.87E-12	0.00E+00	3.45E+00	6.61E-06	1.35E-03	5.29E-03	0.00E+00	-2.90E-04	6.32E-10	1.65E-08	2.27E-02	9.31E-01	0.00E+00	0.00E+00	2.72E+00	3.88E-03	4.84E+00	0.00E+00	3.86E-08	1.93E-08	1.40E-03	1.39E-07	4.75E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.32E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
MCN416A	3.18E-03	6.09E-01	1.80E-02	5.90E-01	2.87E-12	0.00E+00	3.51E+00	6.68E-06	1.45E-03	5.41E-03	0.00E+00	-2.91E-04	6.59E-10	1.87E-08	2.29E-02	9.70E-01	0.00E+00	0.00E+00	2.80E+00	3.94E-03	4.84E+00	0.00E+00	3.88E-08	1.95E-08	1.43E-03	1.44E-07	4.94E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.34E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02

MCN416E	2.95E-03	6.02E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.46E+00	6.61E-06	1.32E-03	5.29E-03	0.00E+00	-2.91E-04	6.34E-10	1.62E-08	2.28E-02	9.19E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.82E+00	0.00E+00	3.85E-08	1.90E-08	1.39E-03	1.42E-07	4.72E-01	0.00E+00	4.82E+00	1.00E-06	4.82E+00	5.29E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.63E+01
MCN416P	3.08E-03	5.41E-01	1.73E-02	5.22E-01	2.87E-12	0.00E+00	3.37E+00	6.83E-06	1.39E-03	5.05E-03	0.00E+00	-5.58E-04	5.92E-10	1.65E-08	2.26E-02	8.42E-01	0.00E+00	0.00E+00	2.43E+00	6.97E-03	5.11E+00	0.00E+00	4.07E-08	1.83E-08	1.33E-03	2.05E-07	4.29E-01	0.00E+00	5.11E+00	8.08E-07	5.11E+00	5.60E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MCN420	3.07E-03	6.10E-01	2.84E-02	5.92E-01	2.87E-12	0.00E+00	3.59E+00	6.86E-06	1.49E-03	5.34E-03	0.00E+00	-3.48E-04	6.41E-10	1.70E-08	2.32E-02	9.52E-01	0.00E+00	0.00E+00	2.76E+00	4.13E-03	4.98E+00	0.00E+00	3.97E-08	1.97E-08	1.43E-03	1.42E-07	4.86E-01	0.00E+00	4.98E+00	3.91E-07	4.98E+00	5.48E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN420A	3.64E-03	6.24E-01	1.84E-02	6.07E-01	2.87E-12	0.00E+00	3.76E+00	7.03E-06	1.71E-03	5.47E-03	0.00E+00	-2.83E-04	6.78E-10	2.07E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.85E+00	3.89E-03	5.11E+00	0.00E+00	4.07E-08	2.02E-08	1.49E-03	1.41E-07	5.03E-01	0.00E+00	5.11E+00	9.73E-07	5.11E+00	5.62E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MCN420E	3.28E-03	6.13E-01	1.80E-02	5.95E-01	0.00E+00	0.00E+00	3.59E+00	6.87E-06	1.55E-03	5.40E-03	0.00E+00	-2.91E-04	6.72E-10	1.86E-08	2.34E-02	9.74E-01	0.00E+00	0.00E+00	2.83E+00	3.90E-03	4.97E+00	0.00E+00	3.96E-08	1.98E-08	1.44E-03	1.42E-07	4.96E-01	0.00E+00	4.97E+00	1.02E-06	4.97E+00	5.47E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCN420P	5.46E-03	7.99E-01	2.57E-02	7.71E-01	2.87E-12	0.00E+00	4.41E+00	8.08E-06	3.10E-03	7.07E-03	0.00E+00	-6.01E-04	8.24E-10	3.53E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.78E+00	7.61E-03	6.20E+00	0.00E+00	4.98E-08	2.68E-08	2.06E-03	2.40E-07	6.72E-01	0.00E+00	6.20E+00	9.74E-07	6.20E+00	6.85E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MCN425	3.92E-03	6.32E-01	2.98E-02	6.13E-01	2.87E-12	0.00E+00	3.76E+00	7.09E-06	2.12E-03	5.57E-03	0.00E+00	-3.89E-04	6.94E-10	2.39E-08	2.39E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.19E-03	5.10E+00	0.00E+00	4.07E-08	2.06E-08	1.51E-03	1.68E-07	5.21E-01	0.00E+00	5.10E+00	9.47E-07	5.10E+00	5.61E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN425A	3.92E-03	6.35E-01	2.96E-02	6.16E-01	2.87E-12	0.00E+00	3.83E+00	7.21E-06	2.05E-03	5.60E-03	0.00E+00	-2.88E-04	6.97E-10	2.33E-08	2.41E-02	1.06E+00	0.00E+00	0.00E+00	2.98E+00	3.93E-03	5.13E+00	0.00E+00	4.10E-08	2.07E-08	1.51E-03	1.48E-07	5.28E-01	0.00E+00	5.13E+00	3.99E-07	5.13E+00	5.65E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCN425E	3.81E-03	6.35E-01	2.01E-02	6.15E-01	0.00E+00	0.00E+00	3.78E+00	7.10E-06	1.94E-03	5.59E-03	0.00E+00	-4.07E-04	6.96E-10	2.28E-08	2.41E-02	1.05E+00	0.00E+00	0.00E+00	2.97E+00	5.43E-03	5.10E+00	0.00E+00	4.08E-08	2.06E-08	1.51E-03	1.81E-07	5.23E-01	0.00E+00	5.10E+00	9.47E-07	5.10E+00	5.63E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCN425P	6.06E-03	7.99E-01	2.58E-02	7.71E-01	2.87E-12	0.00E+00	4.40E+00	8.09E-06	3.41E-03	7.08E-03	0.00E+00	-6.08E-04	8.25E-10	3.96E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.77E+00	7.67E-03	6.20E+00	0.00E+00	4.98E-08	2.70E-08	2.07E-03	2.38E-07	6.70E-01	0.00E+00	6.20E+00	1.25E-06	6.20E+00	6.85E+00	6.70E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MCN432	7.00E-03	9.30E-01	2.59E-02	9.19E-01	2.87E-12	0.00E+00	5.00E+00	9.32E-06	4.00E-03	8.70E-03	0.00E+00	-5.85E-04	8.75E-10	4.32E-08	2.83E-02	1.55E+00	0.00E+00	0.00E+00	4.08E+00	8.23E-03	6.52E+00	0.00E+00	5.32E-08	2.81E-08	2.42E-03	2.44E-07	7.15E-01	0.00E+00	6.52E+00	1.05E-06	6.52E+00	7.16E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MCN432A	6.25E-03	7.98E-01	2.46E-02	7.74E-01	2.87E-12	0.00E+00	4.32E+00	7.89E-06	3.78E-03	7.10E-03	0.00E+00	-3.10E-04	8.39E-10	4.16E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.68E+00	4.16E-03	6.08E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	1.68E-07	6.54E-01	0.00E+00	6.08E+00	9.75E-07	6.08E+00	6.73E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN432E	6.46E-03	7.78E-01	2.40E-02	7.54E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.93E-03	0.00E+00	-3.05E-04	8.33E-10	4.17E-08	2.70E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	4.10E-03	5.98E+00	0.00E+00	4.87E-08	2.64E-08	1.96E-03	1.56E-07	6.46E-01	0.00E+00	5.98E+00	9.76E-07	5.98E+00	6.62E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN432P	6.54E-03	8.00E-01	2.90E-02	7.71E-01	2.87E-12	0.00E+00	4.53E+00	8.16E-06	3.75E-03	7.12E-03	0.00E+00	-5.92E-04	9.05E-10	4.43E-08	2.92E-02	1.54E+00	0.00E+00	0.00E+00	3.85E+00	7.77E-03	6.27E+00	0.00E+00	5.03E-08	2.75E-08	2.07E-03	2.43E-07	6.86E-01	0.00E+00	6.27E+00	1.25E-06	6.27E+00	6.93E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCN440	6.95E-03	9.20E-01	2.56E-02	8.96E-01	2.87E-12	0.00E+00	5.01E+00	9.32E-06	4.08E-03	8.66E-03	0.00E+00	-7.20E-04	8.74E-10	4.29E-08	2.83E-02	1.56E+00	0.00E+00	0.00E+00	4.09E+00	8.37E-03	6.54E+00	0.00E+00	5.33E-08	2.82E-08	2.40E-03	2.66E-07	7.21E-01	0.00E+00	6.54E+00	1.05E-06	6.54E+00	7.18E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MCN440A	6.44E-03	7.98E-01	2.56E-02	7.72E-01	2.87E-12	0.00E+00	4.33E+00	7.90E-06	3.85E-03	7.08E-03	0.00E+00	-4.76E-04	8.43E-10	4.17E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.21E-03	6.07E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	2.10E-07	6.55E-01	0.00E+00	6.07E+00	9.64E-07	6.07E+00	6.72E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCN440E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.60E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN440P	6.52E-03	8.02E-01	2.65E-02	7.71E-01	2.87E-12	0.00E+00	4.42E+00	8.17E-06	3.61E-03	7.12E-03	0.00E+00	-6.39E-04	8.53E-10	4.08E-08	2.77E-02	1.49E+00	0.00E+00	0.00E+00	3.83E+00	8.19E-03	6.23E+00	0.00E+00	5.03E-08	2.72E-08	2.08E-03	2.46E-07	6.74E-01	0.00E+00	6.23E+00	1.26E-06	6.23E+00	6.88E+00	6.74E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN450	7.62E-03	8.21E-01	2.93E-02	7.81E-01	2.87E-12	0.00E+00	4.90E+00	9.00E-06	4.62E-03	7.33E-03	0.00E+00	-4.54E-04	9.26E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.22E+00	6.09E-03	6.62E+00	0.00E+00	5.32E-08	2.94E-08	2.13E-03	2.06E-07	7.44E-01	0.00E+00	6.62E+00	1.02E-06	6.62E+00	7.37E+00	7.44E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MCN450A	7.64E-03	8.28E-01	2.92E-02	8.00E-01	2.87E-12	0.00E+00	4.89E+00	9.00E-06	4.62E-03	7.42E-03	0.00E+00	-4.53E-04	9.24E-10	5.08E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.21E+00	6.08E-03	6.62E+00	0.00E+00	5.33E-08	2.94E-08	2.15E-03	2.08E-07	7.43E-01	0.00E+00	6.62E+00	1.01E-06	6.62E+00	7.36E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MCN450E	7.37E-03	8.17E-01	2.87E-02	7.90E-01	2.87E-12	0.00E+00	4.85E+00	9.01E-06	4.43E-03	7.35E-03	0.00E+00	-4.54E-04	9.23E-10	4.86E-08	2.96E-02	1.64E+00	0.00E+00	0.00E+00	4.21E+00	6.09E-03	6.60E+00	0.00E+00	5.32E-08	2.94E-08	2.13E-03	2.06E-07	7.39E-01	0.00E+00	6.60E+00	1.02E-06	6.60E+00	7.34E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	1.54E+02
MCN450P	7.38E-03	7.97E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.68E+00	8.28E-06	4.51E-03	7.11E-03	0.00E+00	-9.66E-04	9.22E-10	4.93E-08	2.97E-02	1.59E+00	0.00E+00	0.00E+00	3.88E+00	1.03E-02	6.27E+00	0.00E+00	5.04E-08	2.79E-08	2.07E-03	3.62E-07	6.81E-01	0.00E+00	6.27E+00	1.07E-06	6.27E+00	6.92E+00	6.81E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCN463	7.58E-03	8.27E-01	2.89E-02	7.98E-01	2.87E-12	0.00E+00	4.92E+00	9.08E-06	4.52E-03	7.43E-03	0.00E+00	-4.53E-04	9.52E-10	4.98E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.28E+00	6.09E-03	6.63E+00	0.00E+00	5.35E-08	2.95E-08	2.15E-03	2.09E-07	7.49E-01	0.00E+00	6.63E+00	1.03E-06	6.63E+00	7.38E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MCN463A	7.73E-03	8.35E-01	2.95E-02	8.06E-01	2.87E-12	0.00E+00	4.97E+00	9.10E-06	4.66E-03	7.48E-03	0.00E+00	-4.53E-04	9.62E-10	5.14E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.30E+00	6.08E-03	6.68E+00	0.00E+00	5.38E-08	2.97E-08	2.17E-03	2.10E-07	7.54E-01	0.00E+00	6.68E+00	1.03E-06	6.68E+00	7.43E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MCN463E	7.70E-03	8.29E-01	2.93E-02	8.00E-01	2.87E-12	0.00E+00	4.97E+00	9.10E-06	4.65E-03	7.45E-03	0.00E+00	-4.53E-04	9.60E-10	5.13E-08	3.00E-02	1.67E+00	0.00E+00	0.00E+00	4.30E+00	6.09E-03	6.68E+00	0.00E+00	5.38E-08	2.97E-08	2.16E-03	2.09E-07	7.53E-01	0.00E+00	6.68E+00	1.03E-06	6.68E+00	7.43E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MCN463P	7.42E-03	7.98E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.73E+00	8.27E-06	4.51E-03	7.11E-03	0.00E+00	-9.67E-04	9.38E-10	4.97E-08	2.99E-02	1.59E+00	0.00E+00	0.00E+00	3.89E+00	1.14E-02	6.27E+00	0.00E+00	5.04E-08	2.79E-08	2.08E-03	3.66E-07	6.82E-01	0.00E+00	6.27E+00	1.27E-06	6.27E+00	6.92E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCN500	2.55E-03	3.04E-01	1.19E-02	2.88E-01	2.87E-12	0.00E+00	2.25E+00	4.24E-06	6.29E-04	2.92E-03	0.00E+00	-2.97E-04	3.46E-10	1.28E-08	1.41E-02	6.23E-01	0.00E+00	0.00E+00	1.74E+00	3.84E-03	3.30E+00	0.00E+00	2.64E-08	1.35E-08	9.79E-04	1.11E-07	3.28E-01	0.00E+00	3.30E+00	4.65E-07	3.30E+00	3.60E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.06E+01
MCN501	2.62E-03	3.92E-01	1.18E-02	3.72E-01	2.87E-12	0.00E+00	2.06E+00	3.84E-06	6.23E-04	3.36E-03	0.00E+00	-3.00E-04	3.98E-10	1.20E-08	1.35E-02	5.39E-01	0.00E+00	0.00E+00	1.78E+00	2.72E-03	2.98E+00	0.00E+00	2.41E-08	1.37E-08	1.00E-03	1.29E-07	3.33E-01	0.00E+00	2.98E+00	4.69E-07	2.98E+00	3.34E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MCN502	2.61E-03	3.97E-01	1.19E-02	3.79E-01	2.87E-12	0.00E+00	2.07E+00	3.89E-06	6.07E-04	3.39E-03	0.00E+00	-2.91E-04	4.02E-10	1.18E-08	1.35E-02	5.70E-01	0.00E+00	0.00E+00	1.79E+00	2.80E-03	2.99E+00	0.00E+00	2.45E-08	1.37E-08	1.01E-03	1.24E-07	3.36E-01	0.00E+00	2.99E+00	5.76E-07	2.99E+00	3.38E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
MCN503	2.61E-03	3.94E-01	1.17E-02	3.74E-01	2.87E-12	0.00E+00	2.07E+00	3.88E-06	9.69E-04	3.36E-03	0.00E+00	-2.93E-04	4.01E-10	1.29E-08	1.35E-02	5.63E-01	0.00E+00	0.00E+00	1.80E+00	2.65E-03	2.99E+00	0.00E+00	2.44E-08	1.38E-08	1.01E-03	1.25E-07	3.36E-01	0.00E+00	2.99E+00	5.88E-07	2.99E+00	3.37E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
MCN504	2.57E-03	3.94E-01	1.17E-02	3.73E-01	2.87E-12	0.00E+00	2.05E+00	3.86E-06	9.70E-04	3.34E-03	0.00E+00	-2.97E-04	3.98E-10	1.28E-08	1.34E-02	5.61E-01	0.00E+00	0.00E+00	1.77E+00	2.74E-03	2.95E+00	0.00E+00	2.37E-08	1.36E-08	9.99E-04	1.25E-07	3.32E-01	0.00E+00	2.95E+00	5.87E-07	2.95E+00	3.29E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.20E+01
MCN506	1.36E-03	2.98E-01	8.45E-03	2.88E-01	2.87E-12	0.00E+00	1.67E+00	3.38E-06	5.56E-04	2.60E-03	0.00E+00	-1.57E-04	2.84E-10	7.09E-09	1.11E-02	4.41E-01	0.00E+00	0.00E+00	1.28E+00	2.27E-03	2.47E+00	0.00E+00	1.94E-08	9.06E-09	6.76E-04	7.66E-08	2.24E-01	0.00E+00	2.47E+00	7.41E-07	2.47E+00	2.68E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
MCN506E	1.35E-03	2.98E-01	8.37E-03	2.90E-01	2.87E-12	0.00E+00	1.66E+00	3.14E-06	5.57E-04	2.60E-03	0.00E+00	-1.49E-04	2.83E-10	6.91E-09	1.11E-02	4.31E-01	0.00E+00	0.00E+00	1.24E+00	2.03E-03	2.31E+00	0.00E+00	1.86E-08	9.00E-09	6.76E-04	7.62E-08	2.21E-01	0.00E+00	2.31E+00	4.64E-07	2.31E+00	2.54E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	4.45E+01
MCN508E	1.43E-03	2.99E-01	8.10E-03	2.90E-01	2.87E-12	0.00E+00	1.70E+00	3.24E-06	6.35E-04	2.62E-03	0.00E+00	-1.47E-04	2.84E-10	8.04E-09	1.10E-02	4.63E-01	0.00E+00	0.00E+00	1.31E+00	1.97E-03	2.38E+00	0.00E+00	1.90E-08	9.38E-09	6.91E-04	7.31E-08	2.32E-01	0.00E+00	2.38E+00	4.68E-07	2.38E+00	2.62E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MCN510	1.36E-03	2.97E-01	8.39E-03	2.88E-01	2.87E-12	0.00E+00	1.68E+00	3.40E-06	6.53E-04	2.60E-03	0.00E+00	-1.54E-04	2.98E-10	7.53E-09	1.12E-02	4.50E-01	0.00E+00	0.00E+00	1.31E+00	2.20E-03	2.50E+00	0.00E+00	1.96E-08	9.19E-09	6.79E-04	7.43E-08	2.29E-01	0.00E+00	2.50E+00	7.54E-07	2.50E+00	2.72E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MCN510E	1.34E-03	2.96E-01	8.24E-03	2.88E-01	0.00E+00	0.00E+00	1.67E+00	3.18E-06	5.64E-04	2.59E-03	0.00E+00	-1.45E-04	2.94E-10	7.07E-09	1.11E-02	4.36E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.34E+00	0.00E+00	1.88E-08	9.12E-09	6.77E-04	7.04E-08	2.25E-01	0.00E+00	2.34E+00	4.87E-07	2.34E+00	2.57E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.51E+01
MCN513	1.62E-03	2.80E-01	7.40E-03	2.71E-01	2.87E-12	0.00E+00	1.57E+00	2.98E-06	7.16E-04	2.44E-03	0.00E+00	-1.01E-04	2.54E-10	9.44E-09	9.97E-03	4.15E-01	0.00E+00	0.00E+00	1.18E+00	1.36E-03	2.18E+00	0.00E+00	1.76E-08	8.73E-09	6.31E-04	6.64E-08	2.10E-01	0.00E+00	2.18E+00	3.78E-07	2.18E+00	2.40E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	4.17E+01
MCN513E	1.46E-03	3.00E-01	8.51E-03	2.90E-01	2.87E-12	0.00E+00	1.73E+00	3.28E-06	6.60E-04	2.63E-03	0.00E+00	-1.46E-04	3.03E-10	8.04E-09	1.13E-02	4.69E-01	0.00E+00	0.00E+00	1.33E+00	1.97E-03	2.40E+00	0.00E+00	1.91E-08	9.79E-09	6.95E-04	7.41E-08	2.35E-01	0.00E+00	2.40E+00	4.67E-07	2.40E+00	2.64E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MCN516	1.54E-03	3.01E-01	8.55E-03	2.90E-01	2.87E-12	0.00E+00	1.73E+00	3.28E-06	6.99E-04	2.63E-03	0.00E+00	-1.46E-04	3.03E-10	8.43E-09	1.13E-02	4.56E-01	0.00E+00	0.00E+00	1.32E+00	1.96E-03	2.40E+00	0.00E+00	1.91E-08	9.53E-09	6.91E-04	7.38E-08	2.34E-01	0.00E+00	2.40E+00	4.68E-07	2.40E+00	2.64E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MCN516E	1.47E-03	3.00E-01	8.55E-03	2.91E-01	0.00E+00	0.00E+00	1.72E+00	3.27E-06	6.60E-04	2.63E-03	0.00E+00	-1.45E-04	3.03E-10	8.09E-09	1.14E-02	4.57E-01	0.00E+00	0.00E+00	1.31E+00	1.95E-03	2.40E+00	0.00E+00	1.92E-08	9.41E-09	6.94E-04	7.08E-08	2.33E-01	0.00E+00	2.40E+00	4.88E-07	2.40E+00	2.63E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.69E+01
MCN520	1.68E-03	3.03E-01	8.29E-03	2.93E-01	2.87E-12	0.00E+00	1.75E+00	3.30E-06	8.50E-04	2.64E-03	0.00E+00	-1.51E-04	2.89E-10	9.94E-09	1.13E-02	4.88E-01	0.00E+00	0.00E+00	1.40E+00	2.14E-03	2.41E+00	0.00E+00	1.92E-08	9.78E-09	6.99E-04	8.01E-08	2.47E-01	0.00E+00	2.41E+00	4.23E-07	2.41E+00	2.65E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MCN520E	1.76E-03	3.06E-01	9.08E-03	2.97E-01	0.00E+00	0.00E+00	1.79E+00	3.37E-06	8.69E-04	2.70E-03	0.00E+00	-1.45E-04	3.20E-10	1.03E-08	1.17E-02	4.98E-01	0.00E+00	0.00E+00	1.39E+00	1.95E-03	2.48E+00	0.00E+00	1.99E-08	9.96E-09	7.27E-04	7.12E-08	2.47E-01	0.00E+00	2.48E+00	4.83E-07	2.48E+00	2.73E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MCN525	1.99E-03	3.11E-01	8.49E-03	3.01E-01	2.87E-12	0.00E+00	1.83E+00	3.41E-06	1.07E-03	2.76E-03	0.00E+00	-1.71E-04	3.08E-10	1.22E-08	1.14E-02	5.16E-01	0.00E+00	0.00E+00	1.42E+00	2.57E-03	2.50E+00	0.00E+00	2.01E-08	1.03E-08	7.53E-04	8.24E-08	2.55E-01	0.00E+00	2.50E+00	4.33E-07	2.50E+00	2.76E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
MCN525E	2.02E-03	3.17E-01	1.01E-02	3.07E-01	0.00E+00	0.00E+00	1.88E+00	3.48E-06	1.07E-03	2.80E-03	0.00E+00	-2.03E-04	3.31E-10	1.24E-08	1.20E-02	5.38E-01	0.00E+00	0.00E+00	1.46E+00	2.72E-03	2.55E+00	0.00E+00	2.05E-08	1.04E-08	7.62E-04	9.05E-08	2.60E-01	0.00E+00	2.55E+00	4.45E-07	2.55E+00	2.81E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
MCN532	3.24E-03	3.84E-01	1.25E-02	3.68E-01	2.87E-12	0.00E+00	2.37E+00	4.38E-06	1.79E-03	3.53E-03	0.00E+00	-2.34E-04	3.79E-10	2.04E-08	1.45E-02	7.80E-01	0.00E+00	0.00E+00	1.91E+00	3.65E-03	3.29E+00	0.00E+00	2.66E-08	1.46E-08	1.03E-03	1.24E-07	3.49E-01	0.00E+00	3.29E+00	5.71E-07	3.29E+00	3.61E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MCN532E	3.22E-03	3.87E-01	1.19E-02	3.75E-01	0.00E+00	0.00E+00	2.11E+00	3.81E-06	1.90E-03	3.45E-03	0.00E+00	-1.52E-04	3.93E-10	2.08E-08	1.34E-02	7.10E-01	0.00E+00	0.00E+00	1.78E+00	2.05E-03	2.96E+00	0.00E+00	2.42E-08	1.30E-08	9.75E-04	7.77E-08	3.17E-01	0.00E+00	2.96E+00	4.65E-07	2.96E+00	3.28E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.48E+01
MCN540	3.67E-03	3.76E-01	1.32E-02	3.64E-01	2.87E-12	0.00E+00	2.35E+00	4.36E-06	2.13E-03	3.43E-03	0.00E+00	-2.76E-04	3.82E-10	2.48E-08	1.44E-02	7.96E-01	0.00E+00	0.00E+00	1.92E+00	4.12E-03	3.25E+00	0.00E+00	2.63E-08	1.46E-08	1.03E-03	1.39E-07	3.48E-01	0.00E+00	3.25E+00	5.68E-07	3.25E+00	3.55E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MCN540E	3.22E-03	3.88E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.17E-10	2.09E-08	1.35E-02	7.14E-01	0.00E+00	0.00E+00	1.83E+00	3.19E-03	2.98E+00	0.00E+00	2.43E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.75E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
MCN550	3.60E-03	3.92E-01	1.21E-02	3.74E-01	2.87E-12	0.00E+00	2.33E+00	4.35E-06	2.12E-03	3.42E-03	0.00E+00	-2.91E-04	3.51E-10	2.37E-08	1.40E-02	7.94E-01	0.00E+00	0.00E+00	1.93E+00	3.97E-03	3.23E+00	0.00E+00	2.53E-08	1.44E-08	1.03E-03	1.31E-07	3.50E-01	0.00E+00	3.23E+00	4.36E-07	3.23E+00	3.48E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MCN550E	3.82E-03	4.05E-01	1.28E-02	3.89E-01	2.87E-12	0.00E+00	2.40E+00	4.45E-06	2.29E-03	3.62E-03	0.00E+00	-2.26E-04	4.13E-10	2.50E-08	1.44E-02	8.16E-01	0.00E+00	0.00E+00	2.09E+00	3.03E-03	3.27E+00	0.00E+00	2.62E-08	1.46E-08	1.06E-03	1.07E-07	3.66E-01	0.00E+00	3.27E+00	4.79E-07	3.27E+00	3.64E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.67E+01
MCN563	5.16E-03	3.90E-01	1.27E-02	3.72E-01	2.87E-12	0.00E+00	2.34E+00	4.37E-06	3.04E-03	3.41E-03	0.00E+00	-3.50E-04	3.50E-10	3.40E-08	1.40E-02	8.07E-01	0.00E+00	0.00E+00	1.99E+00	4.23E-03	3.24E+00	0.00E+00	2.53E-08	1.45E-08	1.03E-03	1.48E-07	3.55E-01	0.00E+00	3.24E+00	4.48E-07	3.24E+00	3.49E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.39E+01
MCN563E	5.16E-03	3.90E-01	1.27E-02	3.72E-01	2.87E-12	0.00E+00	2.34E+00	4.37E-06	3.03E-03	3.41E-03	0.00E+00	-3.50E-04	3.50E-10	3.40E-08	1.40E-02	8.07E-01	0.00E+00	0.00E+00	1.99E+00	4.23E-03	3.24E+00	0.00E+00	2.53E-08	1.45E-08	1.03E-03	1.48E-07	3.55E-01	0.00E+00	3.24E+00	4.48E-07	3.24E+00	3.49E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.39E+01
MCN600	4.98E-03	7.96E-01	3.95E-02	7.68E-01	2.87E-12	0.00E+00	4.30E+00	7.86E-06	1.29E-03	7.03E-03	0.00E+00	-3.94E-04	8.21E-10	2.20E-08	2.73E-02	1.39E+00	1.83E-06	8.31E-06	3.63E+00	5.25E-03	5.93E+00	0.00E+00	4.79E-08	2.61E-08	2.00E-03	2.65E-07	6.47E-01	0.00E+00	5.93E+00	9.18E-07	5.93E+00	6.57E+00	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
MCN601	4.99E-03	7.95E-01	2.40E-02	7.80E-01	2.87E-12	0.00E+00	4.30E+00	7.89E-06	1.33E-03	6.97E-03	0.00E+00	-3.89E-04	8.18E-10	2.20E-08	2.71E-02	1.39E+00	0.00E+00	0.00E+00	3.65E+00	5.19E-03	5.93E+00	0.00E+00	4.80E-08	2.61E-08	2.01E-03	1.64E-07	6.50E-01	0.00E+00	5.93E+00	9.19E-07	5.93E+00	6.57E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN602	4.99E-03	7.96E-01	2.40E-02	7.81E-01	2.87E-12	0.00E+00	4.30E+00	7.88E-06	1.32E-03	6.98E-03	0.00E+00	-3.09E-04	8.20E-10	2.20E-08	2.71E-02	1.40E+00	0.00E+00	0.00E+00	3.65E+00	4.27E-03	5.95E+00	0.00E+00	4.81E-08	2.61E-08	2.01E-03	1.62E-07	6.50E-01	0.00E+00	5.95E+00	9.25E-07	5.95E+00	6.60E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN603	4.98E-03	6.78E-01	2.40E-02	6.50E-01	2.87E-12	0.00E+00	4.29E+00	7.89E-06	1.75E-03	6.02E-03	0.00E+00	-3.10E-04	8.16E-10	2.27E-08	2.71E-02	1.34E+00	0.00E+00	0.00E+00	3.64E+00	4.26E-03	5.93E+00	0.00E+00	4.80E-08	2.53E-08	1.56E-03	1.63E-07	6.49E-01	0.00E+00	5.93E+00	9.33E-07	5.93E+00	6.57E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN604	4.97E-03	8.06E-01	2.47E-02	7.90E-01	2.87E-12	0.00E+00	4.32E+00	7.90E-06	1.76E-03	7.07E-03	0.00E+00	-3.34E-04	8.22E-10	2.26E-08	2.73E-02	1.40E+00	0.00E+00	0.00E+00	3.66E+00	4.75E-03	6.02E+00	0.00E+00	4.87E-08	2.64E-08	2.03E-03	1.65E-07	6.52E-01	0.00E+00	6.02E+00	9.26E-07	6.02E+00	6.67E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MCN606	2.75E-03	5.97E-01	1.68E-02	5.78E-01	2.87E-12	0.00E+00	3.31E+00	6.30E-06	1.08E-03	5.21E-03	0.00E+00	-3.01E-04	5.88E-10	1.42E-08	2.22E-02	8.69E-01	0.00E+00	0.00E+00	2.46E+00	4.12E-03	4.65E+00	0.00E+00	3.72E-08	1.79E-08	1.35E-03	1.58E-07	4.42E-01	0.00E+00	4.65E+00	8.37E-07	4.65E+00	5.10E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	8.76E+01
MCN606E	2.75E-03	6.00E-01	2.75E-02	5.82E-01	2.87E-12	0.00E+00	3.39E+00	6.36E-06	1.08E-03	5.23E-03	0.00E+00	-2.94E-04	5.89E-10	1.41E-08	2.23E-02	8.69E-01	0.00E+00	0.00E+00	2.57E+00	4.07E-03	4.71E+00	0.00E+00	3.76E-08	1.80E-08	1.35E-03	1.47E-07	4.53E-01	0.00E+00	4.71E+00	3.89E-07	4.71E+00	5.18E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.09E+01
MCN610	2.82E-03	5.93E-01	1.69E-02	5.77E-01	2.87E-12	0.00E+00	3.36E+00	6.38E-06	1.20E-03	5.21E-03	0.00E+00	-2.94E-04	5.99E-10	1.49E-08	2.22E-02	8.77E-01	0.00E+00	0.00E+00	2.50E+00	3.93E-03	4.68E+00	0.00E+00	3.75E-08	1.82E-08	1.36E-03	1.49E-07	4.48E-01	0.00E+00	4.68E+00	9.76E-07	4.68E+00	5.12E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
MCN610E	2.68E-03	5.94E-01	1.65E-02	5.77E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.13E-03	5.20E-03	0.00E+00	-2.91E-04	6.01E-10	1.42E-08	2.23E-02	8.74E-01	0.00E+00	0.00E+00	2.56E+00	3.90E-03	4.70E+00	0.00E+00	3.76E-08	1.83E-08	1.36E-03	1.41E-07	4.52E-01	0.00E+00	4.70E+00	9.90E-07	4.70E+00	5.16E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MCN613	2.96E-03	6.03E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.46E+00	6.62E-06	1.32E-03	5.29E-03	0.00E+00	-2.91E-04	6.32E-10	1.62E-08	2.28E-02	9.21E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.83E+00	0.00E+00	3.86E-08	1.90E-08	1.40E-03	1.42E-07	4.72E-01	0.00E+00	4.83E+00	1.00E-06	4.83E+00	5.30E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.62E+01
MCN613E	2.95E-03	6.01E-01	2.77E-02	5.84E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.29E-03	5.27E-03	0.00E+00	-2.87E-04	6.19E-10	1.56E-08	2.26E-02	9.15E-01	0.00E+00	0.00E+00	2.66E+00	3.87E-03	4.80E+00	0.00E+00	3.84E-08	1.88E-08	1.39E-03	1.37E-07	4.69E-01	0.00E+00	4.80E+00	3.96E-07	4.80E+00	5.27E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.52E+01
MCN616	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.58E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.20E-10	1.62E-08	2.28E-02	9.17E-01	0.00E+00	0.00E+00	2.66E+00	3.90E-03	4.81E+00	0.00E+00	3.85E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.93E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
MCN616E	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.58E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.20E-10	1.62E-08	2.28E-02	9.17E-01	0.00E+00	0.00E+00	2.66E+00	3.90E-03	4.81E+00	0.00E+00	3.85E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.93E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
MCN620	3.40E-03	6.13E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.41E-03	0.00E+00	-2.91E-04	6.56E-10	1.97E-08	2.34E-02	9.86E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.98E-08	1.99E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.96E-07	4.97E+00	5.47E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN620E	3.40E-03	6.13E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.41E-03	0.00E+00	-2.91E-04	6.56E-10	1.97E-08	2.34E-02	9.86E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.98E-08	1.99E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.96E-07	4.97E+00	5.47E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN625	3.93E-03	6.35E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.79E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN625E	3.93E-03	6.35E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.79E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN632	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.23E+00	7.69E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.63E-08	1.96E-03	1.56E-07	6.41E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MCN632E	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.23E+00	7.69E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.63E-08	1.96E-03	1.56E-07	6.41E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MCN640	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.61E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN640E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.61E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN650	7.01E-03	9.14E-01	2.54E-02	8.88E-01	2.87E-12	0.00E+00	4.80E+00	9.19E-06	4.13E-03	8.53E-03	0.00E+00	-7.09E-04	8.67E-10	4.33E-08	2.79E-02	1.55E+00	0.00E+00	0.00E+00	4.08E+00	8.13E-03	6.42E+00	0.00E+00	5.25E-08	2.84E-08	2.39E-03	2.52E-07	7.15E-01	0.00E+00	6.42E+00	1.02E-06	6.42E+00	7.15E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MCN650E	7.63E-03	8.09E-01	2.83E-02	7.80E-01	0.00E+00	0.00E+00	4.81E+00	8.83E-06	4.65E-03	7.26E-03	0.00E+00	-4.56E-04	9.17E-10	5.05E-08	2.93E-02	1.63E+00	0.00E+00	0.00E+00	4.16E+00	6.10E-03	6.53E+00	0.00E+00	5.25E-08	2.90E-08	2.11E-03	2.07E-07	7.32E-01	0.00E+00	6.53E+00	1.00E-06	6.53E+00	7.26E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MCN663	7.03E-03	9.18E-01	2.56E-02	8.90E-01	2.87E-12	0.00E+00	4.82E+00	9.23E-06	4.15E-03	8.55E-03	0.00E+00	-7.19E-04	8.71E-10	4.33E-08	2.79E-02	1.56E+00	0.00E+00	0.00E+00	4.09E+00	8.13E-03	6.44E+00	0.00E+00	5.26E-08	2.84E-08	2.39E-03	2.56E-07	7.21E-01	0.00E+00	6.44E+00	1.03E-06	6.44E+00	7.15E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MCN663E	7.72E-03	8.14E-01	2.86E-02	7.86E-01	0.00E+00	0.00E+00	4.87E+00	8.99E-06	4.70E-03	7.32E-03	0.00E+00	-4.56E-04	9.53E-10	5.11E-08	2.96E-02	1.65E+00	0.00E+00	0.00E+00	4.25E+00	6.10E-03	6.60E+00	0.00E+00	5.30E-08	2.94E-08	2.13E-03	2.07E-07	7.45E-01	0.00E+00	6.60E+00	1.03E-06	6.60E+00	7.35E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MCN706P	2.60E-03	3.74E-01	1.19E-02	3.58E-01	2.87E-12	0.00E+00	2.21E+00	4.56E-06	5.81E-04	3.32E-03	0.00E+00	-2.27E-04	3.99E-10	1.22E-08	1.51E-02	6.53E-01	0.00E+00	0.00E+00	1.79E+00	3.96E-03	3.57E+00	0.00E+00	2.85E-08	1.43E-08	9.85E-04	1.14E-07	3.36E-01	0.00E+00	3.57E+00	7.24E-07	3.57E+00	3.76E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
MCN710P	2.56E-03	3.82E-01	1.18E-02	3.63E-01	2.87E-12	0.00E+00	2.20E+00	4.53E-06	7.53E-04	3.36E-03	0.00E+00	-2.21E-04	4.00E-10	1.31E-08	1.51E-02	6.00E-01	0.00E+00	0.00E+00	1.79E+00	3.94E-03	3.54E+00	0.00E+00	2.82E-08	1.43E-08	9.86E-04	1.14E-07	3.34E-01	0.00E+00	3.54E+00	7.00E-07	3.54E+00	3.74E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MCN716P	1.47E-03	2.92E-01	8.96E-03	2.82E-01	2.87E-12	0.00E+00	1.79E+00	3.46E-06	6.40E-04	2.75E-03	0.00E+00	-1.93E-04	3.28E-10	8.05E-09	1.17E-02	4.96E-01	0.00E+00	0.00E+00	1.37E+00	3.38E-03	2.54E+00	0.00E+00	2.04E-08	1.02E-08	7.54E-04	8.89E-08	2.42E-01	0.00E+00	2.54E+00	4.96E-07	2.54E+00	2.80E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
MCN720P	1.54E-03	2.92E-01	1.10E-02	2.83E-01	2.87E-12	0.00E+00	1.80E+00	3.50E-06	6.76E-04	2.77E-03	0.00E+00	-1.99E-04	3.36E-10	8.71E-09	1.21E-02	5.27E-01	0.00E+00	0.00E+00	1.43E+00	3.43E-03	2.57E+00	0.00E+00	2.05E-08	1.02E-08	7.65E-04	9.31E-08	2.45E-01	0.00E+00	2.57E+00	5.00E-07	2.57E+00	2.83E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.17E+01
MCN725P	2.63E-03	3.75E-01	1.17E-02	3.54E-01	2.87E-12	0.00E+00	2.20E+00	4.60E-06	1.15E-03	3.35E-03	0.00E+00	-2.37E-04	3.93E-10	1.45E-08	1.52E-02	6.42E-01	0.00E+00	0.00E+00	1.81E+00	4.06E-03	3.68E+00	0.00E+00	2.92E-08	1.45E-08	9.86E-04	1.09E-07	3.40E-01	0.00E+00	3.68E+00	9.56E-07	3.68E+00	3.80E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
MCN732P	3.01E-03	3.79E-01	1.31E-02	3.60E-01	2.87E-12	0.00E+00	2.23E+00	4.65E-06	1.56E-03	3.36E-03	0.00E+00	-2.91E-04	3.96E-10	1.78E-08	1.52E-02	7.49E-01	0.00E+00	0.00E+00	2.00E+00	4.02E-03	3.69E+00	0.00E+00	2.92E-08	1.51E-08	9.94E-04	1.19E-07	3.51E-01	0.00E+00	3.69E+00	9.56E-07	3.69E+00	3.84E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
MCN740P	3.05E-03	3.80E-01	1.37E-02	3.60E-01	2.87E-12	0.00E+00	2.23E+00	4.66E-06	1.59E-03	3.36E-03	0.00E+00	-3.22E-04	3.97E-10	1.79E-08	1.52E-02	7.62E-01	0.00E+00	0.00E+00	2.00E+00	4.24E-03	3.69E+00	0.00E+00	2.92E-08	1.53E-08	9.94E-04	1.27E-07	3.50E-01	0.00E+00	3.69E+00	9.80E-07	3.69E+00	3.85E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
MCN750P	3.16E-03	3.40E-01	1.38E-02	3.23E-01	2.87E-12	0.00E+00	2.32E+00	4.66E-06	1.67E-03	3.23E-03	0.00E+00	-5.32E-04	3.98E-10	1.93E-08	1.50E-02	8.01E-01	0.00E+00	0.00E+00	2.04E+00	5.43E-03	3.68E+00	0.00E+00	2.88E-08	1.53E-08	1.00E-03	1.90E-07	3.62E-01	0.00E+00	3.68E+00	5.15E-07	3.68E+00	3.83E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.55E+01

MCN763P	3.22E-03	3.36E-01	1.54E-02	3.19E-01	2.87E-12	0.00E+00	2.34E+00	4.74E-06	1.74E-03	3.23E-03	0.00E+00	-5.87E-04	4.43E-10	2.00E-08	1.53E-02	8.08E-01	0.00E+00	0.00E+00	2.10E+00	6.69E-03	3.73E+00	0.00E+00	2.95E-08	1.57E-08	1.01E-03	2.21E-07	3.68E-01	0.00E+00	3.73E+00	9.97E-07	3.73E+00	3.91E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
MCS006C	6.43E-04	1.48E-01	4.35E-03	1.44E-01	0.00E+00	0.00E+00	7.67E-01	1.43E-06	2.77E-04	1.28E-03	0.00E+00	-1.31E-04	1.37E-10	3.36E-09	5.03E-03	2.01E-01	0.00E+00	0.00E+00	5.78E-01	1.74E-03	1.08E+00	0.00E+00	8.73E-09	4.26E-09	3.29E-04	5.32E-08	1.03E-01	0.00E+00	1.08E+00	2.04E-07	1.08E+00	1.18E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MCS010C	6.87E-04	1.52E-01	5.38E-03	1.48E-01	2.87E-12	0.00E+00	7.84E-01	1.55E-06	2.87E-04	1.33E-03	0.00E+00	-8.35E-05	1.73E-10	3.59E-09	5.28E-03	2.14E-01	0.00E+00	0.00E+00	6.07E-01	1.00E-03	1.16E+00	0.00E+00	9.21E-09	4.43E-09	3.36E-04	5.91E-08	1.07E-01	0.00E+00	1.16E+00	6.81E-07	1.16E+00	1.26E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
MCS013C	7.27E-04	1.48E-01	4.13E-03	1.43E-01	0.00E+00	0.00E+00	8.13E-01	1.57E-06	3.27E-04	1.29E-03	0.00E+00	-7.26E-05	1.57E-10	3.94E-09	5.30E-03	2.19E-01	0.00E+00	0.00E+00	6.45E-01	9.74E-04	1.16E+00	0.00E+00	9.29E-09	4.61E-09	3.42E-04	3.49E-08	1.13E-01	0.00E+00	1.16E+00	2.49E-07	1.16E+00	1.27E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MCS016C	7.25E-04	1.47E-01	4.11E-03	1.43E-01	0.00E+00	0.00E+00	8.08E-01	1.55E-06	3.27E-04	1.29E-03	0.00E+00	-7.26E-05	1.53E-10	3.93E-09	5.28E-03	2.18E-01	0.00E+00	0.00E+00	6.37E-01	9.74E-04	1.15E+00	0.00E+00	9.26E-09	4.59E-09	3.40E-04	3.48E-08	1.12E-01	0.00E+00	1.15E+00	2.45E-07	1.15E+00	1.26E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MCS020C	7.43E-04	1.52E-01	4.64E-03	1.47E-01	2.87E-12	0.00E+00	8.38E-01	1.65E-06	3.50E-04	1.33E-03	0.00E+00	-1.01E-04	1.47E-10	4.22E-09	5.34E-03	2.22E-01	0.00E+00	0.00E+00	6.25E-01	1.14E-03	1.19E+00	0.00E+00	9.35E-09	4.49E-09	3.44E-04	6.35E-08	1.09E-01	0.00E+00	1.19E+00	2.30E-07	1.19E+00	1.29E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MCS106	7.73E-04	1.49E-01	4.49E-03	1.45E-01	0.00E+00	0.00E+00	7.61E-01	1.40E-06	3.77E-04	1.30E-03	0.00E+00	-1.31E-04	1.39E-10	4.43E-09	5.01E-03	2.15E-01	0.00E+00	0.00E+00	5.89E-01	1.74E-03	1.08E+00	0.00E+00	8.89E-09	4.42E-09	3.41E-04	5.32E-08	1.06E-01	0.00E+00	1.08E+00	1.91E-07	1.08E+00	1.19E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MCS110	6.67E-04	1.41E-01	3.92E-03	1.37E-01	0.00E+00	0.00E+00	7.07E-01	1.31E-06	3.08E-04	1.22E-03	0.00E+00	-1.00E-04	1.21E-10	3.62E-09	4.53E-03	1.90E-01	0.00E+00	0.00E+00	5.30E-01	1.34E-03	1.01E+00	0.00E+00	8.35E-09	4.08E-09	3.18E-04	4.28E-08	9.61E-02	0.00E+00	1.01E+00	1.92E-07	1.01E+00	1.11E+00	9.61E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
MCS113	6.64E-04	1.34E-01	3.70E-03	1.30E-01	0.00E+00	0.00E+00	6.33E-01	1.17E-06	3.18E-04	1.16E-03	0.00E+00	-1.00E-04	1.09E-10	3.61E-09	4.16E-03	1.80E-01	0.00E+00	0.00E+00	4.86E-01	1.33E-03	9.45E-01	0.00E+00	7.82E-09	3.87E-09	3.05E-04	4.20E-08	8.86E-02	0.00E+00	9.45E-01	1.80E-07	9.45E-01	1.03E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
MCS116	6.48E-04	1.34E-01	3.23E-03	1.31E-01	0.00E+00	0.00E+00	6.30E-01	1.18E-06	3.03E-04	1.17E-03	0.00E+00	-4.21E-05	1.19E-10	3.46E-09	4.15E-03	1.79E-01	0.00E+00	0.00E+00	5.02E-01	5.69E-04	9.46E-01	0.00E+00	7.80E-09	3.89E-09	3.04E-04	2.34E-08	8.99E-02	0.00E+00	9.46E-01	1.97E-07	9.46E-01	1.04E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
MCS120	1.03E-03	1.53E-01	4.65E-03	1.48E-01	0.00E+00	0.00E+00	8.69E-01	1.65E-06	5.55E-04	1.35E-03	0.00E+00	-7.26E-05	1.70E-10	6.27E-09	5.50E-03	2.60E-01	0.00E+00	0.00E+00	7.18E-01	9.75E-04	1.22E+00	0.00E+00	9.80E-09	5.09E-09	3.73E-04	3.51E-08	1.26E-01	0.00E+00	1.22E+00	2.37E-07	1.22E+00	1.35E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MCS120W	8.16E-04	1.53E-01	4.81E-03	1.49E-01	2.87E-12	0.00E+00	8.78E-01	1.65E-06	4.11E-04	1.36E-03	0.00E+00	-7.99E-05	1.67E-10	4.57E-09	5.53E-03	2.61E-01	0.00E+00	0.00E+00	7.18E-01	1.08E-03	1.23E+00	0.00E+00	9.81E-09	5.01E-09	3.65E-04	4.33E-08	1.24E-01	0.00E+00	1.23E+00	2.55E-07	1.23E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MCS125	1.19E-03	1.60E-01	5.23E-03	1.54E-01	0.00E+00	0.00E+00	1.00E+00	1.91E-06	6.57E-04	1.43E-03	0.00E+00	-7.26E-05	1.90E-10	7.50E-09	6.15E-03	2.96E-01	0.00E+00	0.00E+00	8.24E-01	9.76E-04	1.36E+00	0.00E+00	1.08E-08	5.65E-09	4.01E-04	3.61E-08	1.44E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.51E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MCS132	1.73E-03	2.00E-01	6.30E-03	1.94E-01	0.00E+00	0.00E+00	1.12E+00	2.06E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.85E-03	3.75E-01	0.00E+00	0.00E+00	9.65E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.89E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.58E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MCS140	1.73E-03	2.00E-01	6.30E-03	1.94E-01	0.00E+00	0.00E+00	1.12E+00	2.06E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.85E-03	3.75E-01	0.00E+00	0.00E+00	9.65E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.89E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.58E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MCS150	1.94E-03	2.07E-01	7.17E-03	1.99E-01	0.00E+00	0.00E+00	1.23E+00	2.27E-06	1.18E-03	1.86E-03	0.00E+00	-1.14E-04	2.34E-10	1.28E-08	7.37E-03	4.13E-01	0.00E+00	0.00E+00	1.06E+00	1.52E-03	1.67E+00	0.00E+00	1.35E-08	7.43E-09	5.40E-04	5.21E-08	1.87E-01	0.00E+00	1.67E+00	2.64E-07	1.67E+00	1.86E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MCS163	1.96E-03	2.08E-01	7.26E-03	2.01E-01	0.00E+00	0.00E+00	1.24E+00	2.31E-06	1.19E-03	1.87E-03	0.00E+00	-1.14E-04	2.43E-10	1.29E-08	7.44E-03	4.18E-01	0.00E+00	0.00E+00	1.09E+00	1.52E-03	1.69E+00	0.00E+00	1.36E-08	7.52E-09	5.44E-04	5.22E-08	1.90E-01	0.00E+00	1.69E+00	2.72E-07	1.69E+00	1.88E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
MCS206C	1.30E-03	2.43E-01	8.28E-03	2.33E-01	2.87E-12	0.00E+00	1.58E+00	3.32E-06	5.51E-04	2.33E-03	0.00E+00	-1.74E-04	2.76E-10	6.86E-09	1.02E-02	4.25E-01	0.00E+00	0.00E+00	1.07E+00	2.42E-03	2.44E+00	0.00E+00	1.88E-08	8.65E-09	6.37E-04	7.56E-08	1.91E-01	0.00E+00	2.44E+00	7.67E-07	2.44E+00	2.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
MCS206E	1.30E-03	3.00E-01	8.63E-03	2.91E-01	2.87E-12	0.00E+00	1.67E+00	3.43E-06	5.84E-04	2.60E-03	0.00E+00	-1.84E-04	2.88E-10	7.12E-09	1.10E-02	4.39E-01	0.00E+00	0.00E+00	1.29E+00	2.70E-03	2.49E+00	0.00E+00	1.93E-08	9.19E-09	6.73E-04	7.88E-08	2.23E-01	0.00E+00	2.49E+00	7.69E-07	2.49E+00	2.68E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.54E+01
MCS210C	1.35E-03	2.42E-01	8.27E-03	2.31E-01	2.87E-12	0.00E+00	1.58E+00	3.34E-06	6.59E-04	2.33E-03	0.00E+00	-1.59E-04	2.87E-10	7.73E-09	1.02E-02	4.34E-01	0.00E+00	0.00E+00	1.17E+00	2.25E-03	2.44E+00	0.00E+00	1.89E-08	8.76E-09	6.39E-04	7.54E-08	2.06E-01	0.00E+00	2.44E+00	7.79E-07	2.44E+00	2.64E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
MCS210E	1.41E-03	2.28E-01	8.32E-03	2.20E-01	2.87E-12	0.00E+00	1.68E+00	3.51E-06	7.56E-04	2.30E-03	0.00E+00	-1.60E-04	3.04E-10	8.14E-09	1.15E-02	4.52E-01	0.00E+00	0.00E+00	1.34E+00	2.27E-03	2.52E+00	0.00E+00	1.96E-08	9.76E-09	6.35E-04	7.63E-08	2.29E-01	0.00E+00	2.52E+00	7.83E-07	2.52E+00	2.74E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MCS213C	1.44E-03	2.28E-01	8.29E-03	2.20E-01	2.87E-12	0.00E+00	1.69E+00	3.49E-06	6.77E-04	2.30E-03	0.00E+00	-1.58E-04	3.05E-10	8.00E-09	1.16E-02	4.55E-01	0.00E+00	0.00E+00	1.34E+00	2.23E-03	2.52E+00	0.00E+00	1.97E-08	9.85E-09	6.38E-04	7.49E-08	2.32E-01	0.00E+00	2.52E+00	7.94E-07	2.52E+00	2.75E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MCS216C	1.45E-03	2.29E-01	8.28E-03	2.20E-01	2.87E-12	0.00E+00	1.70E+00	3.49E-06	6.77E-04	2.30E-03	0.00E+00	-1.57E-04	3.06E-10	8.10E-09	1.16E-02	4.58E-01	0.00E+00	0.00E+00	1.34E+00	2.22E-03	2.52E+00	0.00E+00	1.97E-08	9.85E-09	6.39E-04	7.38E-08	2.31E-01	0.00E+00	2.52E+00	7.93E-07	2.52E+00	2.75E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.79E+01
MCS216E	1.64E-03	2.39E-01	7.90E-03	2.34E-01	2.87E-12	0.00E+00	1.70E+00	3.28E-06	8.49E-04	2.32E-03	0.00E+00	-1.46E-04	2.88E-10	1.02E-08	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.31E+00	2.05E-03	2.36E+00	0.00E+00	1.88E-08	9.82E-09	6.30E-04	7.56E-08	2.29E-01	0.00E+00	2.36E+00	4.39E-07	2.36E+00	2.59E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
MCS220C	1.65E-03	2.39E-01	7.96E-03	2.34E-01	2.87E-12	0.00E+00	1.72E+00	3.27E-06	7.97E-04	2.30E-03	0.00E+00	-1.68E-04	2.88E-10	9.80E-09	1.15E-02	4.69E-01	0.00E+00	0.00E+00	1.41E+00	2.35E-03	2.36E+00	0.00E+00	1.88E-08	1.00E-08	6.31E-04	7.90E-08	2.44E-01	0.00E+00	2.36E+00	4.24E-07	2.36E+00	2.60E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MCS220E	1.69E-03	3.00E-01	8.26E-03	2.90E-01	2.87E-12	0.00E+00	1.70E+00	3.21E-06	9.27E-04	2.60E-03	0.00E+00	-1.84E-04	2.89E-10	1.07E-08	1.13E-02	4.53E-01	0.00E+00	0.00E+00	1.36E+00	2.56E-03	2.33E+00	0.00E+00	1.85E-08	9.48E-09	6.73E-04	7.75E-08	2.30E-01	0.00E+00	2.33E+00	4.03E-07	2.33E+00	2.54E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.84E+01
MCS225E	2.50E-03	3.93E-01	1.21E-02	3.72E-01	2.87E-12	0.00E+00	2.25E+00	4.09E-06	1.08E-03	3.53E-03	0.00E+00	-2.17E-04	4.11E-10	1.38E-08	1.42E-02	5.51E-01	0.00E+00	0.00E+00	1.65E+00	2.99E-03	3.07E+00	0.00E+00	2.48E-08	1.21E-08	9.32E-04	1.07E-07	2.91E-01	0.00E+00	3.07E+00	5.86E-07	3.07E+00	3.37E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
MCS232E	3.63E-03	3.95E-01	1.31E-02	3.86E-01	2.87E-12	0.00E+00	2.21E+00	4.04E-06	2.01E-03	3.49E-03	0.00E+00	-2.10E-04	4.22E-10	2.42E-08	1.39E-02	7.44E-01	1.83E-06	8.31E-06	1.83E+00	2.84E-03	3.01E+00	0.00E+00	2.48E-08	1.32E-08	9.87E-04	2.11E-07	3.25E-01	0.00E+00	3.01E+00	5.77E-07	3.01E+00	3.34E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MCS240E	3.72E-03	4.06E-01	1.42E-02	3.97E-01	2.87E-12	0.00E+00	2.22E+00	4.07E-06	2.13E-03	3.60E-03	0.00E+00	-2.34E-04	4.54E-10	2.53E-08	1.42E-02	7.66E-01	0.00E+00	0.00E+00	1.90E+00	3.14E-03	3.05E+00	0.00E+00	2.50E-08	1.33E-08	9.97E-04	1.17E-07	3.29E-01	0.00E+00	3.05E+00	5.95E-07	3.05E+00	3.35E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MCS250E	3.79E-03	4.04E-01	1.39E-02	3.89E-01	2.87E-12	0.00E+00	2.33E+00	4.28E-06	2.08E-03	3.63E-03	0.00E+00	-2.33E-04	4.54E-10	2.56E-08	1.47E-02	8.06E-01	0.00E+00	0.00E+00	1.93E+00	3.10E-03	3.15E+00	0.00E+00	2.57E-08	1.32E-08	9.51E-04	1.13E-07	3.26E-01	0.00E+00	3.15E+00	5.76E-07	3.15E+00	3.50E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
MCS263E	3.89E-03	4.04E-01	1.42E-02	3.92E-01	2.87E-12	0.00E+00	2.34E+00	4.30E-06	2.20E-03	3.62E-03	0.00E+00	-2.38E-04	4.60E-10	2.67E-08	1.48E-02	8.12E-01	0.00E+00	0.00E+00	1.94E+00	3.19E-03	3.16E+00	0.00E+00	2.58E-08	1.32E-08	9.52E-04	1.21E-07	3.26E-01	0.00E+00	3.16E+00	6.03E-07	3.16E+00	3.51E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MCS306	2.31E-03	4.41E-01	1.25E-02	4.28E-01	0.00E+00	0.00E+00	2.28E+00	4.17E-06	1.13E-03	3.84E-03	0.00E+00	-2.76E-04	4.15E-10	1.33E-08	1.54E-02	6.51E-01	0.00E+00	0.00E+00	1.76E+00	3.69E-03	3.24E+00	0.00E+00	2.65E-08	1.32E-08	1.01E-03	1.22E-07	3.16E-01	0.00E+00	3.24E+00	5.77E-07	3.24E+00	3.55E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MCS306C	2.27E-03	4.30E-01	1.26E-02	4.10E-01	2.87E-12	0.00E+00	2.25E+00	4.17E-06	9.95E-04	3.65E-03	0.00E+00	-2.56E-04	4.33E-10	1.24E-08	1.53E-02	6.26E-01	0.00E+00	0.00E+00	1.85E+00	3.27E-03	3.15E+00	0.00E+00	2.55E-08	1.38E-08	1.01E-03	1.13E-07	3.33E-01	0.00E+00	3.15E+00	6.28E-07	3.15E+00	3.51E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.60E+01
MCS310	2.00E-03	4.14E-01	1.08E-02	4.03E-01	0.00E+00	0.00E+00	2.13E+00	3.94E-06	9.18E-04	3.61E-03	0.00E+00	-1.84E-04	3.63E-10	1.09E-08	1.41E-02	5.82E-01	0.00E+00	0.00E+00	1.59E+00	2.48E-03	3.07E+00	0.00E+00	2.51E-08	1.23E-08	9.45E-04	9.11E-08	2.90E-01	0.00E+00	3.07E+00	6.00E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
MCS310C	2.35E-03	4.33E-01	1.25E-02	4.14E-01	2.87E-12	0.00E+00	2.19E+00	4.19E-06	1.11E-03	3.60E-03	0.00E+00	-2.18E-04	4.42E-10	1.35E-08	1.49E-02	6.31E-01	0.00E+00	0.00E+00	1.91E+00	2.93E-03	3.15E+00	0.00E+00	2.50E-08	1.43E-08	1.01E-03	1.09E-07	3.45E-01	0.00E+00	3.15E+00	6.40E-07	3.15E+00	3.52E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
MCS313	2.55E-03	4.43E-01	1.28E-02	4.30E-01	0.00E+00	0.00E+00	2.41E+00	4.53E-06	1.28E-03	3.90E-03	0.00E+00	-2.18E-04	4.73E-10	1.50E-08	1.62E-02	7.02E-01	0.00E+00	0.00E+00	1.95E+00	2.92E-03	3.45E+00	0.00E+00	2.79E-08	1.41E-08	1.05E-03	1.04E-07	3.44E-01	0.00E+00	3.45E+00	6.75E-07	3.45E+00	3.79E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MCS313C	1.97E-03	3.94E-01	9.53E-03	3.84E-01	0.00E+00	0.00E+00	1.85E+00	3.39E-06	9.48E-04	3.43E-03	0.00E+00	-1.26E-04	3.18E-10	1.07E-08	1.26E-02	5.39E-01	0.00E+00	0.00E+00	1.42E+00	1.71E-03	2.77E+00	0.00E+00	2.29E-08	1.14E-08	8.97E-04	6.98E-08	2.60E-01	0.00E+00	2.77E+00	5.33E-07	2.77E+00	3.03E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MCS316	2.00E-03	4.14E-01	1.09E-02	4.03E-01	0.00E+00	0.00E+00	2.13E+00	3.95E-06	9.19E-04	3.62E-03	0.00E+00	-1.84E-04	3.64E-10	1.09E-08	1.41E-02	5.83E-01	0.00E+00	0.00E+00	1.60E+00	2.48E-03	3.08E+00	0.00E+00	2.52E-08	1.23E-08	9.46E-04	9.12E-08	2.90E-01	0.00E+00	3.08E+00	6.01E-07	3.08E+00	3.37E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MCS316C	1.90E-03	3.92E-01	9.38E-03	3.83E-01	0.00E+00	0.00E+00	1.83E+00	3.34E-06	9.00E-04	3.41E-03	0.00E+00	-1.26E-04	3.14E-10	1.02E-08	1.25E-02	5.29E-01	0.00E+00	0.00E+00	1.40E+00	1.71E-03	2.74E+00	0.00E+00	2.27E-08	1.12E-08	8.88E-04	6.97E-08	2.56E-01	0.00E+00	2.74E+00	5.32E-07	2.74E+00	3.00E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MCS320	3.07E-03	4.55E-01	1.39E-02	4.41E-01	0.00E+00	0.00E+00	2.60E+00	4.88E-06	1.66E-03	4.03E-03	0.00E+00	-2.18E-04	5.08E-10	1.88E-08	1.68E-02	7.83E-01	0.00E+00	0.00E+00	2.14E+00	2.92E-03	3.62E+00	0.00E+00	2.90E-08	1.51E-08	1.11E-03	1.05E-07	3.75E-01	0.00E+00	3.62E+00	6.77E-07	3.62E+00	3.99E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCS320C	2.69E-03	4.40E-01	1.96E-02	4.20E-01	2.87E-12	0.00E+00	2.20E+00	4.26E-06	1.44E-03	3.60E-03	0.00E+00	-2.21E-04	3.97E-10	1.66E-08	1.48E-02	7.32E-01	0.00E+00	0.00E+00	2.03E+00	3.04E-03	3.14E+00	0.00E+00	2.43E-08	1.45E-08	1.02E-03	1.11E-07	3.61E-01	0.00E+00	3.14E+00	2.95E-07	3.14E+00	3.47E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.56E+01
MCS325	4.60E-03	5.09E-01	1.85E-02	4.91E-01	0.00E+00	0.00E+00	3.39E+00	6.27E-06	2.73E-03	4.59E-03	0.00E+00	-2.76E-04	6.29E-10	3.06E-08	2.03E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	3.70E-03	4.40E+00	0.00E+00	3.50E-08	1.88E-08	1.33E-03	1.30E-07	4.90E-01	0.00E+00	4.40E+00	6.95E-07	4.40E+00	4.89E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCS332	5.16E-03	5.97E-01	1.89E-02	5.78E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.32E-03	0.00E+00	-2.29E-04	6.54E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00	3.08E-03	4.62E+00	0.00E+00	3.74E-08	2.05E-08	1.52E-03	1.17E-07	5.08E-01	0.00E+00	4.62E+00	7.39E-07	4.62E+00	5.13E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCS340	5.15E-03	5.95E-01	1.99E-02	5.75E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.30E-03	0.00E+00	-3.59E-04	6.54E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00	4.79E-03	4.60E+00	0.00E+00	3.72E-08	2.04E-08	1.51E-03	1.59E-07	5.07E-01	0.00E+00	4.60E+00	7.21E-07	4.60E+00	5.11E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MCS350	5.79E-03	6.15E-01	2.15E-02	5.94E-01	0.00E+00	0.00E+00	3.68E+00	6.75E-06	3.53E-03	5.53E-03	0.00E+00	-3.42E-04	7.00E-10	3.83E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.17E+00	4.57E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.60E-03	1.56E-07	5.58E-01	0.00E+00	4.97E+00	7.57E-07	4.97E+00	5.53E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MCS363	5.86E-03	6.20E-01	2.17E-02	5.98E-01	0.00E+00	0.00E+00	3.73E+00	6.87E-06	3.56E-03	5.57E-03	0.00E+00	-3.42E-04	7.27E-10	3.88E-08	2.26E-02	1.26E+00	0.00E+00	0.00E+00	3.24E+00	4.57E-03	5.03E+00	0.00E+00	4.04E-08	2.23E-08	1.62E-03	1.56E-07	5.67E-01	0.00E+00	5.03E+00	7.80E-07	5.03E+00	5.59E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MCS506	1.34E-03	2.29E-01	8.25E-03	2.20E-01	2.87E-12	0.00E+00	1.67E+00	3.48E-06	5.87E-04	2.30E-03	0.00E+00	-1.58E-04	2.85E-10	7.13E-09	1.13E-02	4.40E-01	0.00E+00	0.00E+00	1.29E+00	2.30E-03	2.51E+00	0.00E+00	1.95E-08	9.49E-09	6.32E-04	7.77E-08	2.24E-01	0.00E+00	2.51E+00	7.72E-07	2.51E+00	2.72E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
MCS506E	2.57E-03	3.45E-01	1.22E-02	3.26E-01	2.87E-12	0.00E+00	2.22E+00	4.01E-06	6.62E-04	3.05E-03	0.00E+00	-1.75E-04	4.05E-10	1.24E-08	1.41E-02	5.66E-01	0.00E+00	0.00E+00	1.74E+00	2.45E-03	3.17E+00	0.00E+00	2.55E-08	1.33E-08	9.68E-04	1.05E-07	3.18E-01	0.00E+00	3.17E+00	5.93E-07	3.17E+00	3.53E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	6.09E+01
MCS510	1.41E-03	2.29E-01	8.28E-03	2.20E-01	2.87E-12	0.00E+00	1.68E+00	3.51E-06	7.98E-04	2.30E-03	0.00E+00	-1.56E-04	2.98E-10	8.20E-09	1.14E-02	4.51E-01	0.00E+00	0.00E+00	1.33E+00	2.22E-03	2.53E+00	0.00E+00	1.96E-08	9.75E-09	6.34E-04	7.66E-08	2.28E-01	0.00E+00	2.53E+00	7.86E-07	2.53E+00	2.74E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MCS510E	1.55E-03	2.99E-01	8.06E-03	2.90E-01	2.87E-12	0.00E+00	1.67E+00	3.24E-06	8.48E-04	2.59E-03	0.00E+00	-1.50E-04	2.80E-10	9.58E-09	1.12E-02	4.41E-01	0.00E+00	0.00E+00	1.29E+00	2.01E-03	2.35E+00	0.00E+00	1.87E-08	9.69E-09	6.77E-04	7.73E-08	2.26E-01	0.00E+00	2.35E+00	4.37E-07	2.35E+00	2.57E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.60E+01
MCS513	1.70E-03	2.95E-01	8.47E-03	2.86E-01	0.00E+00	0.00E+00	1.60E+00	2.98E-06	8.52E-04	2.60E-03	0.00E+00	-1.45E-04	2.98E-10	9.98E-09	1.08E-02	4.66E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.29E+00	0.00E+00	1.86E-08	9.36E-09	6.97E-04	6.97E-08	2.26E-01	0.00E+00	2.29E+00	4.38E-07	2.29E+00	2.52E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
MCS513E	1.58E-03	3.21E-01	1.18E-02	3.09E-01	2.87E-12	0.00E+00	1.97E+00	3.68E-06	8.70E-04	2.79E-03	0.00E+00	-1.64E-04	3.65E-10	8.99E-09	1.23E-02	5.47E-01	0.00E+00	0.00E+00	1.41E+00	2.39E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.56E-04	9.89E-08	2.41E-01	0.00E+00	2.61E+00	6.07E-07	2.61E+00	2.84E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.17E+01
MCS516	1.69E-03	2.94E-01	8.45E-03	2.86E-01	0.00E+00	0.00E+00	1.60E+00	2.97E-06	8.51E-04	2.59E-03	0.00E+00	-1.45E-04	2.94E-10	9.97E-09	1.07E-02	4.65E-01	0.00E+00	0.00E+00	1.26E+00	1.95E-03	2.29E+00	0.00E+00	1.86E-08	9.33E-09	6.95E-04	6.97E-08	2.25E-01	0.00E+00	2.29E+00	4.34E-07	2.29E+00	2.51E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
MCS516E	1.54E-03	2.40E-01	8.20E-03	2.36E-01	2.87E-12	0.00E+00	1.70E+00	3.28E-06	8.05E-04	2.36E-03	0.00E+00	-1.51E-04	3.01E-10	8.55E-09	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.31E+00	1.98E-03	2.36E+00	0.00E+00	1.89E-08	9.81E-09	6.41E-04	7.53E-08	2.29E-01	0.00E+00	2.36E+00	4.48E-07	2.36E+00	2.59E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.69E+01
MCS520	1.52E-03	3.00E-01	8.64E-03	2.89E-01	2.87E-12	0.00E+00	1.70E+00	3.47E-06	8.96E-04	2.61E-03	0.00E+00	-1.71E-04	3.03E-10	9.41E-09	1.14E-02	4.61E-01	0.00E+00	0.00E+00	1.39E+00	2.39E-03	2.50E+00	0.00E+00	1.95E-08	9.93E-09	6.79E-04	7.75E-08	2.33E-01	0.00E+00	2.50E+00	7.59E-07	2.50E+00	2.70E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MCS520E	1.68E-03	2.99E-01	8.21E-03	2.89E-01	2.87E-12	0.00E+00	1.70E+00	3.22E-06	9.19E-04	2.60E-03	0.00E+00	-1.66E-04	2.85E-10	1.04E-08	1.13E-02	4.53E-01	0.00E+00	0.00E+00	1.36E+00	2.25E-03	2.34E+00	0.00E+00	1.86E-08	9.90E-09	6.74E-04	7.71E-08	2.30E-01	0.00E+00	2.34E+00	4.08E-07	2.34E+00	2.56E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MCS525	1.89E-03	3.17E-01	1.01E-02	3.05E-01	2.87E-12	0.00E+00	1.81E+00	3.44E-06	1.09E-03	2.80E-03	0.00E+00	-1.73E-04	3.18E-10	1.20E-08	1.14E-02	5.26E-01	0.00E+00	0.00E+00	1.43E+00	2.46E-03	2.51E+00	0.00E+00	2.01E-08	9.89E-09	7.63E-04	9.22E-08	2.48E-01	0.00E+00	2.51E+00	4.55E-07	2.51E+00	2.76E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
MCS525E	1.78E-03	3.17E-01	1.07E-02	3.05E-01	2.87E-12	0.00E+00	1.81E+00	3.56E-06	1.08E-03	2.80E-03	0.00E+00	-1.86E-04	3.39E-10	1.13E-08	1.15E-02	5.47E-01	0.00E+00	0.00E+00	1.45E+00	2.59E-03	2.59E+00	0.00E+00	2.03E-08	9.93E-09	7.61E-04	9.42E-08	2.49E-01	0.00E+00	2.59E+00	6.30E-07	2.59E+00	2.82E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MCS532	3.25E-03	3.94E-01	1.29E-02	3.79E-01	2.87E-12	0.00E+00	2.37E+00	4.35E-06	1.78E-03	3.56E-03	0.00E+00	-3.03E-04	3.74E-10	2.05E-08	1.45E-02	7.85E-01	0.00E+00	0.00E+00	1.98E+00	3.82E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.04E-03	1.29E-07	3.52E-01	0.00E+00	3.29E+00	5.60E-07	3.29E+00	3.62E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
MCS532E	3.66E-03	3.95E-01	1.24E-02	3.87E-01	2.87E-12	0.00E+00	2.20E+00	4.06E-06	2.00E-03	3.50E-03	0.00E+00	-1.80E-04	4.19E-10	2.39E-08	1.37E-02	7.33E-01	0.00E+00	0.00E+00	1.94E+00	2.48E-03	3.06E+00	0.00E+00	2.53E-08	1.44E-08	1.03E-03	1.01E-07	3.47E-01	0.00E+00	3.06E+00	5.80E-07	3.06E+00	3.41E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
MCS540	2.02E-03	3.12E-01	1.14E-02	3.02E-01	2.87E-12	0.00E+00	1.78E+00	3.41E-06	2.01E-03	2.81E-03	0.00E+00	-2.19E-04	3.19E-10	1.74E-08	1.14E-02	6.94E-01	0.00E+00	0.00E+00	1.55E+00	3.00E-03	2.49E+00	0.00E+00	1.99E-08	9.95E-09	7.64E-04	1.05E-07	2.55E-01	0.00E+00	2.49E+00	4.69E-07	2.49E+00	2.73E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
MCS540E	3.79E-03	3.98E-01	1.35E-02	3.89E-01	2.87E-12	0.00E+00	2.22E+00	4.11E-06	2.16E-03	3.50E-03	0.00E+00	-2.36E-04	4.21E-10	2.56E-08	1.39E-02	7.61E-01	0.00E+00	0.00E+00	1.99E+00	3.17E-03	3.07E+00	0.00E+00	2.52E-08	1.45E-08	1.03E-03	1.11E-07	3.50E-01	0.00E+00	3.07E+00	5.79E-07	3.07E+00	3.41E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MCS550	3.88E-03	4.05E-01	1.40E-02	3.92E-01	2.87E-12	0.00E+00	2.41E+00	4.45E-06	2.22E-03	3.62E-03	0.00E+00	-2.24E-04	4.60E-10	2.57E-08	1.47E-02	8.19E-01	0.00E+00	0.00E+00	2.10E+00	3.05E-03	3.29E+00	0.00E+00	2.65E-08	1.47E-08	1.05E-03	1.07E-07	3.66E-01	0.00E+00	3.29E+00	5.82E-07	3.29E+00	3.67E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
MCS550E	3.88E-03	4.04E-01	1.41E-02	3.92E-01	2.87E-12	0.00E+00	2.41E+00	4.46E-06	2.22E-03	3.62E-03	0.00E+00	-2.24E-04	4.60E-10	2.57E-08	1.47E-02	8.19E-01	0.00E+00	0.00E+00	2.10E+00	3.06E-03	3.29E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.08E-07	3.67E-01	0.00E+00	3.29E+00	5.73E-07	3.29E+00	3.67E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
MCS563	3.96E-03	4.03E-01	1.44E-02	3.91E-01	2.87E-12	0.00E+00	2.41E+00	4.48E-06	2.32E-03	3.61E-03	0.00E+00	-2.28E-04	4.67E-10	2.67E-08	1.48E-02	8.21E-01	0.00E+00	0.00E+00	2.13E+00	3.13E-03	3.30E+00	0.00E+00	2.66E-08	1.48E-08	1.06E-03	1.10E-07	3.72E-01	0.00E+00	3.30E+00	5.75E-07	3.30E+00	3.67E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.88E+01
MCS563E	3.97E-03	4.03E-01	1.43E-02	3.91E-01	2.87E-12	0.00E+00	2.41E+00	4.48E-06	2.32E-03	3.61E-03	0.00E+00	-2.28E-04	4.67E-10	2.67E-08	1.48E-02	8.21E-01	0.00E+00	0.00E+00	2.12E+00	3.12E-03	3.30E+00	0.00E+00	2.66E-08	1.48E-08	1.06E-03	1.10E-07	3.71E-01	0.00E+00	3.30E+00	5.83E-07	3.30E+00	3.67E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.87E+01
MCS606	3.07E-03	5.90E-01	2.75E-02	5.72E-01	2.87E-12	0.00E+00	3.13E+00	5.94E-06	1.32E-03	5.18E-03	0.00E+00	-2.98E-04	5.73E-10	1.66E-08	2.12E-02	8.70E-01	0.00E+00	0.00E+00	2.41E+00	4.13E-03	4.56E+00	0.00E+00	3.70E-08	1.79E-08	1.35E-03	1.49E-07	4.33E-01	0.00E+00	4.56E+00	3.82E-07	4.56E+00	5.02E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
MCS606E	3.06E-03	5.79E-01	1.73E-02	5.63E-01	2.87E-12	0.00E+00	3.09E+00	5.68E-06	1.31E-03	5.13E-03	0.00E+00	-3.04E-04	5.72E-10	1.67E-08	2.09E-02	8.69E-01	0.00E+00	0.00E+00	2.38E+00	4.21E-03	4.39E+00	0.00E+00	3.61E-08	1.78E-08	1.35E-03	1.59E-07	4.30E-01	0.00E+00	4.39E+00	8.18E-07	4.39E+00	4.82E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
MCS610	3.26E-03	5.85E-01	1.74E-02	5.70E-01	2.87E-12	0.00E+00	3.17E+00	5.98E-06	1.50E-03	5.18E-03	0.00E+00	-2.99E-04	5.93E-10	1.79E-08	2.14E-02	8.97E-01	0.00E+00	0.00E+00	2.48E+00	4.01E-03	4.59E+00	0.00E+00	3.73E-08	1.84E-08	1.37E-03	1.47E-07	4.41E-01	0.00E+00	4.59E+00	8.71E-07	4.59E+00	5.03E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E+01
MCS610E	3.24E-03	5.79E-01	1.74E-02	5.64E-01	2.87E-12	0.00E+00	3.11E+00	5.77E-06	1.50E-03	5.13E-03	0.00E+00	-2.95E-04	5.89E-10	1.78E-08	2.11E-02	8.95E-01	0.00E+00	0.00E+00	2.45E+00	3.93E-03	4.42E+00	0.00E+00	3.64E-08	1.84E-08	1.37E-03	1.47E-07	4.35E-01	0.00E+00	4.42E+00	8.66E-07	4.42E+00	4.86E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.79E+01
MCS613	3.40E-03	5.91E-01	1.70E-02	5.74E-01	0.00E+00	0.00E+00	3.21E+00	6.02E-06	1.70E-03	5.21E-03	0.00E+00	-2.91E-04	6.14E-10	2.00E-08	2.15E-02	9.35E-01	0.00E+00	0.00E+00	2.57E+00	3.90E-03	4.61E+00	0.00E+00	3.74E-08	1.88E-08	1.40E-03	1.39E-07	4.56E-01	0.00E+00	4.61E+00	8.94E-07	4.61E+00	5.06E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.28E+01
MCS613E	3.32E-03	5.87E-01	1.69E-02	5.73E-01	2.87E-12	0.00E+00	3.24E+00	6.14E-06	1.56E-03	5.19E-03	0.00E+00	-2.93E-04	6.02E-10	1.85E-08	2.17E-02	9.03E-01	0.00E+00	0.00E+00	2.49E+00	3.93E-03	4.62E+00	0.00E+00	3.73E-08	1.86E-08	1.38E-03	1.47E-07	4.46E-01	0.00E+00	4.62E+00	8.72E-07	4.62E+00	5.06E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	8.93E+01
MCS616	3.39E-03	5.90E-01	1.69E-02	5.73E-01	0.00E+00	0.00E+00	3.20E+00	5.98E-06	1.70E-03	5.20E-03	0.00E+00	-2.91E-04	6.02E-10	1.99E-08	2.15E-02	9.32E-01	0.00E+00	0.00E+00	2.55E+00	3.90E-03	4.59E+00	0.00E+00	3.73E-08	1.88E-08	1.39E-03	1.39E-07	4.53E-01	0.00E+00	4.59E+00	8.83E-07	4.59E+00	5.04E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MCS616E	3.34E-03	5.91E-01	2.77E-02	5.73E-01	2.87E-12	0.00E+00	3.21E+00	6.05E-06	1.70E-03	5.20E-03	0.00E+00	-2.95E-04	6.08E-10	1.98E-08	2.15E-02	9.31E-01	0.00E+00	0.00E+00	2.55E+00	3.86E-03	4.62E+00	0.00E+00	3.74E-08	1.87E-08	1.39E-03	1.35E-07	4.52E-01	0.00E+00	4.62E+00	3.66E-07	4.62E+00	5.07E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
MCS620	4.10E-03	6.07E-01	1.85E-02	5.88E-01	0.00E+00	0.00E+00	3.46E+00	6.49E-06	2.22E-03	5.38E-03	0.00E+00	-2.91E-04	6.61E-10	2.50E-08	2.24E-02	1.04E+00	0.00E+00	0.00E+00	2.82E+00	3.90E-03	4.83E+00	0.00E+00	3.88E-08	2.01E-08	1.48E-03	1.40E-07	4.98E-01	0.00E+00	4.83E+00	8.98E-07	4.83E+00	5.33E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCS620E	3.75E-03	6.02E-01	2.84E-02	5.82E-01	2.87E-12	0.00E+00	3.37E+00	6.42E-06	1.95E-03	5.28E-03	0.00E+00	-3.14E-04	6.29E-10	2.32E-08	2.21E-02	9.90E-01	0.00E+00	0.00E+00	2.66E+00	4.48E-03	4.80E+00	0.00E+00	3.86E-08	1.94E-08	1.47E-03	1.37E-07	4.77E-01	0.00E+00	4.80E+00	3.32E-07	4.80E+00	5.30E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	9.65E+01
MCS625	6.14E-03	6.80E-01	2.49E-02	6.55E-01	0.00E+00	0.00E+00	4.51E+00	8.32E-06	3.65E-03	6.13E-03	0.00E+00	-4.07E-04	8.21E-10	4.08E-08	2.71E-02	1.41E+00	0.00E+00	0.00E+00	3.68E+00	5.44E-03	5.87E+00	0.00E+00	4.68E-08	2.50E-08	1.77E-03	1.85E-07	6.50E-01	0.00E+00	5.87E+00	9.16E-07	5.87E+00	6.52E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCS625E	4.56E-03	6.27E-01	2.88E-02	6.09E-01	2.87E-12	0.00E+00	3.47E+00	6.57E-06	2.50E-03	5.45E-03	0.00E+00	-3.81E-04	6.63E-10	2.75E-08	2.25E-02	1.05E+00	0.00E+00	0.00E+00	2.83E+00	4.89E-03	4.84E+00	0.00E+00	3.89E-08	2.00E-08	1.52E-03	1.56E-07	4.99E-01	0.00E+00	4.84E+00	3.80E-07	4.84E+00	5.36E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCS632	6.97E-03	9.16E-01	2.58E-02	8.93E-01	2.87E-12	0.00E+00	4.77E+00	9.23E-06	4.00E-03	8.55E-03	0.00E+00	-5.79E-04	8.49E-10	4.32E-08	2.78E-02	1.53E+00	0.00E+00	0.00E+00	4.02E+00	8.17E-03	6.38E+00	0.00E+00	5.25E-08	2.79E-08	2.38E-03	2.42E-07	7.11E-01	0.00E+00	6.38E+00	1.02E-06	6.38E+00	7.10E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
MCS632E	6.36E-03	8.01E-01	2.46E-02	7.71E-01	0.00E+00	0.00E+00	4.42E+00	8.22E-06	3.67E-03	7.08E-03	0.00E+00	-3.17E-04	8.24E-10	4.05E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.73E+00	4.32E-03	6.14E+00	0.00E+00	4.91E-08	2.67E-08	1.97E-03	1.77E-07	6.65E-01	0.00E+00	6.14E+00	9.63E-07	6.14E+00	6.74E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCS640	6.94E-03	9.13E-01	2.56E-02	8.88E-01	2.87E-12	0.00E+00	4.77E+00	9.24E-06	4.07E-03	8.54E-03	0.00E+00	-7.19E-04	8.68E-10	4.31E-08	2.78E-02	1.55E+00	0.00E+00	0.00E+00	4.07E+00	8.33E-03	6.42E+00	0.00E+00	5.25E-08	2.80E-08	2.38E-03	2.65E-07	7.15E-01	0.00E+00	6.42E+00	1.02E-06	6.42E+00	7.13E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MCS640E	6.33E-03	7.96E-01	2.63E-02	7.67E-01	0.00E+00	0.00E+00	4.45E+00	8.07E-06	3.65E-03	7.09E-03	0.00E+00	-4.54E-04	8.61E-10	4.01E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.81E+00	6.09E-03	6.14E+00	0.00E+00	4.96E-08	2.70E-08	1.97E-03	2.05E-07	6.68E-01	0.00E+00	6.14E+00	2.97E-07	6.14E+00	6.82E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MCU110P	6.36E-04	1.40E-01	4.33E-03	1.35E-01	2.87E-12	0.00E+00	8.11E-01	1.69E-06	2.55E-04	1.23E-03	0.00E+00	-6.74E-05	1.48E-10	3.29E-09	5.44E-03	2.14E-01	0.00E+00	0.00E+00	6.52E-01	5.95E-04	1.25E+00	0.00E+00	9.85E-09	4.83E-09	3.21E-04	4.53E-08	1.14E-01	0.00E+00	1.25E+00	3.07E-07	1.25E+00	1.36E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCU116P	6.42E-04	1.40E-01	4.34E-03	1.35E-01	2.87E-12	0.00E+00	8.11E-01	1.69E-06	2.56E-04	1.23E-03	0.00E+00	-6.75E-05	1.50E-10	3.30E-09	5.44E-03	2.20E-01	0.00E+00	0.00E+00	6.52E-01	6.20E-04	1.24E+00	0.00E+00	9.85E-09	4.82E-09	3.24E-04	4.53E-08	1.14E-01	0.00E+00	1.24E+00	3.07E-07	1.24E+00	1.36E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCU120P	6.38E-04	1.40E-01	4.32E-03	1.35E-01	2.87E-12	0.00E+00	8.14E-01	1.70E-06	2.56E-04	1.23E-03	0.00E+00	-6.53E-05	1.50E-10	3.29E-09	5.44E-03	2.17E-01	0.00E+00	0.00E+00	6.52E-01	5.92E-04	1.25E+00	0.00E+00	9.86E-09	4.84E-09	3.22E-04	4.52E-08	1.14E-01	0.00E+00	1.25E+00	3.07E-07	1.25E+00	1.36E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01

MCU125P	1.01E-03	1.34E-01	6.67E-03	1.26E-01	2.87E-12	0.00E+00	1.04E+00	2.50E-06	4.74E-04	1.39E-03	0.00E+00	-1.71E-04	1.92E-10	5.96E-09	7.56E-03	3.12E-01	0.00E+00	0.00E+00	9.18E-01	3.55E-03	1.91E+00	0.00E+00	1.50E-08	7.53E-09	4.27E-04	1.04E-07	1.57E-01	0.00E+00	1.91E+00	5.71E-07	1.91E+00	2.09E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MCU132P	1.40E-03	1.41E-01	7.40E-03	1.31E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.41E-04	1.47E-03	0.00E+00	-1.67E-04	2.02E-10	8.25E-09	7.80E-03	3.55E-01	0.00E+00	0.00E+00	9.98E-01	3.68E-03	1.99E+00	0.00E+00	1.52E-08	7.93E-09	4.57E-04	1.03E-07	1.72E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.17E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MCU140P	1.50E-03	1.62E-01	7.47E-03	1.48E-01	2.87E-12	0.00E+00	1.11E+00	2.58E-06	7.66E-04	1.54E-03	0.00E+00	-1.67E-04	2.04E-10	8.94E-09	7.80E-03	3.57E-01	0.00E+00	0.00E+00	1.01E+00	3.54E-03	1.99E+00	0.00E+00	1.53E-08	7.95E-09	4.61E-04	9.67E-08	1.75E-01	0.00E+00	1.99E+00	5.74E-07	1.99E+00	2.17E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
MCU150P	1.60E-03	1.60E-01	7.72E-03	1.48E-01	2.87E-12	0.00E+00	1.19E+00	2.66E-06	8.13E-04	1.56E-03	0.00E+00	-3.25E-04	2.29E-10	9.26E-09	7.92E-03	3.92E-01	0.00E+00	0.00E+00	1.06E+00	4.41E-03	2.04E+00	0.00E+00	1.56E-08	8.09E-09	5.27E-04	1.02E-07	1.87E-01	0.00E+00	2.04E+00	5.82E-07	2.04E+00	2.22E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.89E+01
MCU163P	1.80E-03	1.64E-01	7.91E-03	1.49E-01	2.87E-12	0.00E+00	1.20E+00	2.66E-06	9.65E-04	1.58E-03	0.00E+00	-3.58E-04	2.33E-10	1.09E-08	7.94E-03	3.95E-01	0.00E+00	0.00E+00	1.06E+00	4.82E-03	2.03E+00	0.00E+00	1.56E-08	8.07E-09	5.28E-04	1.14E-07	1.88E-01	0.00E+00	2.03E+00	5.79E-07	2.03E+00	2.22E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MCU206P	2.60E-03	3.16E-01	1.22E-02	2.99E-01	2.87E-12	0.00E+00	2.23E+00	4.80E-06	5.59E-04	2.96E-03	0.00E+00	-2.13E-04	3.95E-10	1.10E-08	1.53E-02	6.52E-01	0.00E+00	0.00E+00	1.81E+00	3.93E-03	3.72E+00	0.00E+00	2.92E-08	1.44E-08	9.48E-04	1.14E-07	3.37E-01	0.00E+00	3.72E+00	1.35E-06	3.72E+00	4.08E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MCU210P	1.34E-03	2.15E-01	7.87E-03	2.07E-01	2.87E-12	0.00E+00	1.68E+00	3.74E-06	5.11E-04	2.10E-03	0.00E+00	-8.24E-05	3.04E-10	6.78E-09	1.19E-02	4.61E-01	0.00E+00	0.00E+00	1.39E+00	1.09E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.14E-04	5.25E-08	2.43E-01	0.00E+00	2.80E+00	8.12E-07	2.80E+00	3.04E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MCU216P	1.35E-03	2.14E-01	7.87E-03	2.07E-01	2.87E-12	0.00E+00	1.69E+00	3.75E-06	5.61E-04	2.10E-03	0.00E+00	-8.27E-05	3.05E-10	7.25E-09	1.19E-02	4.61E-01	0.00E+00	0.00E+00	1.39E+00	1.09E-03	2.81E+00	0.00E+00	2.16E-08	1.05E-08	6.14E-04	5.25E-08	2.43E-01	0.00E+00	2.81E+00	8.08E-07	2.81E+00	3.05E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MCU220P	1.49E-03	3.04E-01	1.15E-02	2.90E-01	2.87E-12	0.00E+00	1.85E+00	3.68E-06	6.49E-04	2.80E-03	0.00E+00	-2.08E-04	3.37E-10	8.61E-09	1.22E-02	5.89E-01	0.00E+00	0.00E+00	1.46E+00	3.78E-03	2.66E+00	0.00E+00	2.08E-08	1.01E-08	7.63E-04	1.12E-07	2.45E-01	0.00E+00	2.66E+00	7.02E-07	2.66E+00	2.91E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
MCU225P	2.69E-03	3.62E-01	1.19E-02	3.45E-01	2.87E-12	0.00E+00	2.22E+00	4.87E-06	1.14E-03	3.25E-03	0.00E+00	-2.14E-04	3.94E-10	1.36E-08	1.53E-02	6.54E-01	0.00E+00	0.00E+00	1.85E+00	3.35E-03	3.81E+00	0.00E+00	2.98E-08	1.46E-08	9.76E-04	1.07E-07	3.41E-01	0.00E+00	3.81E+00	1.43E-06	3.81E+00	4.10E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MCU232P	2.92E-03	3.66E-01	1.26E-02	3.49E-01	2.87E-12	0.00E+00	2.23E+00	4.87E-06	1.28E-03	3.25E-03	0.00E+00	-2.71E-04	3.97E-10	1.58E-08	1.53E-02	7.33E-01	0.00E+00	0.00E+00	1.98E+00	3.45E-03	3.81E+00	0.00E+00	2.97E-08	1.47E-08	9.81E-04	1.07E-07	3.47E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.09E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MCU240P	3.05E-03	3.63E-01	1.29E-02	3.43E-01	2.87E-12	0.00E+00	2.22E+00	4.87E-06	1.47E-03	3.24E-03	0.00E+00	-2.59E-04	3.98E-10	1.78E-08	1.53E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.86E-03	3.82E+00	0.00E+00	2.99E-08	1.53E-08	9.79E-04	1.20E-07	3.46E-01	0.00E+00	3.82E+00	1.43E-06	3.82E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MCU250P	3.08E-03	3.24E-01	1.44E-02	3.07E-01	2.87E-12	0.00E+00	2.34E+00	4.95E-06	1.35E-03	3.10E-03	0.00E+00	-5.20E-04	4.02E-10	1.75E-08	1.53E-02	7.80E-01	0.00E+00	0.00E+00	2.00E+00	5.40E-03	3.83E+00	0.00E+00	2.96E-08	1.49E-08	9.85E-04	1.85E-07	3.56E-01	0.00E+00	3.83E+00	5.72E-07	3.83E+00	4.13E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.38E+01
MCU263P	4.17E-03	3.24E-01	1.56E-02	3.05E-01	2.87E-12	0.00E+00	2.35E+00	5.04E-06	2.26E-03	3.13E-03	0.00E+00	-5.76E-04	4.43E-10	2.60E-08	1.55E-02	8.12E-01	0.00E+00	0.00E+00	2.09E+00	6.79E-03	3.89E+00	0.00E+00	3.01E-08	1.58E-08	9.99E-04	2.18E-07	3.70E-01	0.00E+00	3.89E+00	1.41E-06	3.89E+00	4.21E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.72E+01
MCU306P	2.69E-03	4.23E-01	1.75E-02	3.95E-01	2.87E-12	0.00E+00	2.89E+00	7.07E-06	9.42E-04	4.16E-03	0.00E+00	-4.48E-04	5.04E-10	1.30E-08	2.19E-02	8.48E-01	0.00E+00	0.00E+00	2.44E+00	6.38E-03	5.67E+00	0.00E+00	4.37E-08	1.98E-08	1.23E-03	1.76E-07	4.38E-01	0.00E+00	5.67E+00	1.72E-06	5.67E+00	6.17E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	8.90E+01
MCU310P	2.08E-03	4.64E-01	1.49E-02	4.43E-01	2.87E-12	0.00E+00	2.88E+00	5.83E-06	8.62E-04	4.15E-03	0.00E+00	-3.21E-04	4.79E-10	1.08E-08	1.90E-02	6.72E-01	0.00E+00	0.00E+00	2.17E+00	3.00E-03	4.22E+00	0.00E+00	3.44E-08	1.68E-08	1.11E-03	1.36E-07	3.94E-01	0.00E+00	4.22E+00	7.23E-07	4.22E+00	4.71E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCU316P	1.97E-03	4.20E-01	1.16E-02	4.08E-01	2.87E-12	0.00E+00	2.21E+00	4.12E-06	8.80E-04	3.63E-03	0.00E+00	-1.86E-04	4.10E-10	1.05E-08	1.47E-02	6.05E-01	0.00E+00	0.00E+00	1.71E+00	1.83E-03	3.12E+00	0.00E+00	2.52E-08	1.25E-08	9.36E-04	9.78E-08	3.04E-01	0.00E+00	3.12E+00	6.76E-07	3.12E+00	3.43E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MCU320P	2.76E-03	4.39E-01	1.52E-02	4.35E-01	2.87E-12	0.00E+00	2.83E+00	5.58E-06	1.26E-03	4.10E-03	0.00E+00	-3.18E-04	4.95E-10	1.54E-08	1.89E-02	7.47E-01	0.00E+00	0.00E+00	2.12E+00	4.57E-03	3.90E+00	0.00E+00	3.09E-08	1.52E-08	1.13E-03	1.56E-07	3.76E-01	0.00E+00	3.90E+00	8.52E-07	3.90E+00	4.25E+00	3.76E-01	0.00E+00	0.00E+00	0.00E+00	7.67E+01
MCU325P	3.26E-03	4.25E-01	1.76E-02	4.14E-01	2.87E-12	0.00E+00	3.06E+00	7.24E-06	1.47E-03	4.12E-03	0.00E+00	-4.34E-04	5.71E-10	1.82E-08	2.29E-02	9.49E-01	0.00E+00	0.00E+00	2.68E+00	6.33E-03	5.71E+00	0.00E+00	4.43E-08	2.13E-08	1.26E-03	1.78E-07	4.72E-01	0.00E+00	5.71E+00	1.77E-06	5.71E+00	6.19E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+01
MCU332P	4.49E-03	4.77E-01	1.90E-02	4.49E-01	2.87E-12	0.00E+00	3.25E+00	7.45E-06	2.45E-03	4.42E-03	0.00E+00	-4.70E-04	5.94E-10	2.82E-08	2.34E-02	1.07E+00	0.00E+00	0.00E+00	2.87E+00	6.45E-03	5.85E+00	0.00E+00	4.52E-08	2.27E-08	1.37E-03	1.85E-07	5.02E-01	0.00E+00	5.85E+00	1.77E-06	5.85E+00	6.38E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MCU340P	4.57E-03	4.79E-01	2.03E-02	4.51E-01	2.87E-12	0.00E+00	3.36E+00	7.26E-06	2.50E-03	4.43E-03	0.00E+00	-5.49E-04	6.14E-10	2.92E-08	2.27E-02	1.08E+00	0.00E+00	0.00E+00	2.92E+00	6.68E-03	5.86E+00	0.00E+00	4.53E-08	2.30E-08	1.40E-03	2.06E-07	5.09E-01	0.00E+00	5.86E+00	1.75E-06	5.86E+00	6.38E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MCU350P	5.05E-03	4.38E-01	2.54E-02	4.11E-01	2.87E-12	0.00E+00	3.61E+00	7.81E-06	2.80E-03	4.37E-03	0.00E+00	-9.27E-04	6.17E-10	3.21E-08	2.39E-02	1.23E+00	0.00E+00	0.00E+00	3.19E+00	9.48E-03	6.08E+00	0.00E+00	4.69E-08	2.41E-08	1.40E-03	3.51E-07	5.58E-01	0.00E+00	6.08E+00	1.71E-06	6.08E+00	6.60E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MCU363P	5.12E-03	4.32E-01	2.54E-02	4.14E-01	2.87E-12	0.00E+00	3.66E+00	7.98E-06	2.86E-03	4.45E-03	0.00E+00	-9.31E-04	6.32E-10	3.29E-08	2.47E-02	1.23E+00	0.00E+00	0.00E+00	3.23E+00	1.11E-02	6.10E+00	0.00E+00	4.70E-08	2.43E-08	1.41E-03	3.56E-07	5.64E-01	0.00E+00	6.10E+00	1.73E-06	6.10E+00	6.62E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCU406P	1.21E-03	1.55E-01	5.52E-03	1.45E-01	2.87E-12	0.00E+00	7.54E-01	1.72E-06	7.18E-04	1.23E-03	0.00E+00	-1.93E-04	1.66E-10	8.03E-09	4.80E-03	2.09E-01	0.00E+00	0.00E+00	5.94E-01	3.34E-03	1.20E+00	0.00E+00	9.07E-09	4.24E-09	3.24E-04	8.78E-08	1.04E-01	0.00E+00	1.20E+00	5.17E-07	1.20E+00	1.32E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
MCU410P	2.77E-03	5.38E-01	1.62E-02	5.26E-01	2.87E-12	0.00E+00	3.28E+00	6.73E-06	1.11E-03	4.94E-03	0.00E+00	-4.88E-04	5.66E-10	1.34E-08	2.23E-02	8.34E-01	0.00E+00	0.00E+00	2.38E+00	4.53E-03	4.92E+00	0.00E+00	3.94E-08	1.79E-08	1.31E-03	1.55E-07	4.26E-01	0.00E+00	4.92E+00	7.44E-07	4.92E+00	5.36E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.51E+01
MCU416P	2.83E-03	5.33E-01	1.64E-02	5.19E-01	2.87E-12	0.00E+00	3.27E+00	6.63E-06	1.33E-03	4.90E-03	0.00E+00	-4.92E-04	5.85E-10	1.57E-08	2.22E-02	8.52E-01	0.00E+00	0.00E+00	2.47E+00	4.52E-03	4.79E+00	0.00E+00	3.86E-08	1.83E-08	1.33E-03	1.50E-07	4.34E-01	0.00E+00	4.79E+00	7.46E-07	4.79E+00	5.30E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	8.67E+01
MCU420P	5.18E-03	5.38E-01	2.15E-02	5.08E-01	2.87E-12	0.00E+00	3.55E+00	7.07E-06	2.88E-03	4.81E-03	0.00E+00	-6.02E-04	6.34E-10	3.15E-08	2.33E-02	1.06E+00	0.00E+00	0.00E+00	2.98E+00	6.66E-03	5.38E+00	0.00E+00	4.25E-08	2.25E-08	1.48E-03	2.09E-07	5.27E-01	0.00E+00	5.38E+00	9.72E-07	5.38E+00	6.00E+00	5.27E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
MCU425P	5.23E-03	5.74E-01	2.59E-02	5.31E-01	2.87E-12	0.00E+00	4.43E+00	8.24E-06	2.85E-03	5.34E-03	0.00E+00	-5.88E-04	8.24E-10	3.31E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.83E+00	6.61E-03	6.16E+00	0.00E+00	5.05E-08	2.65E-08	1.72E-03	2.12E-07	6.78E-01	0.00E+00	6.16E+00	1.74E-06	6.16E+00	6.82E+00	6.78E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MCU432P	6.36E-03	8.01E-01	2.62E-02	7.70E-01	2.87E-12	0.00E+00	4.44E+00	8.24E-06	3.54E-03	7.09E-03	0.00E+00	-5.79E-04	8.32E-10	4.02E-08	2.77E-02	1.49E+00	0.00E+00	0.00E+00	3.84E+00	6.78E-03	6.27E+00	0.00E+00	5.09E-08	2.72E-08	2.07E-03	2.13E-07	6.82E-01	0.00E+00	6.27E+00	1.74E-06	6.27E+00	6.92E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MCU440P	6.50E-03	8.02E-01	2.64E-02	7.70E-01	2.87E-12	0.00E+00	4.45E+00	8.27E-06	3.61E-03	7.13E-03	0.00E+00	-5.80E-04	8.54E-10	4.10E-08	2.77E-02	1.49E+00	0.00E+00	0.00E+00	3.87E+00	6.80E-03	6.28E+00	0.00E+00	5.11E-08	2.74E-08	2.08E-03	2.22E-07	6.83E-01	0.00E+00	6.28E+00	1.74E-06	6.28E+00	6.93E+00	6.83E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCU450P	6.97E-03	7.95E-01	2.97E-02	7.66E-01	2.87E-12	0.00E+00	4.57E+00	8.39E-06	4.07E-03	7.10E-03	0.00E+00	-9.21E-04	9.12E-10	4.56E-08	2.96E-02	1.56E+00	0.00E+00	0.00E+00	3.92E+00	9.59E-03	6.30E+00	0.00E+00	5.09E-08	2.78E-08	2.07E-03	3.51E-07	6.88E-01	0.00E+00	6.30E+00	1.64E-06	6.30E+00	6.97E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
MCU463P	7.40E-03	7.98E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.73E+00	8.37E-06	4.48E-03	7.11E-03	0.00E+00	-9.27E-04	9.31E-10	4.95E-08	2.99E-02	1.58E+00	0.00E+00	0.00E+00	3.95E+00	1.11E-02	6.32E+00	0.00E+00	5.11E-08	2.80E-08	2.08E-03	3.54E-07	6.95E-01	0.00E+00	6.32E+00	1.73E-06	6.32E+00	7.00E+00	6.95E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MCX106P	8.95E-04	1.38E-01	6.02E-03	1.35E-01	2.87E-12	0.00E+00	9.49E-01	1.98E-06	3.99E-04	1.38E-03	0.00E+00	-1.68E-04	1.78E-10	4.79E-09	6.46E-03	2.87E-01	0.00E+00	0.00E+00	8.09E-01	2.97E-03	1.51E+00	0.00E+00	1.22E-08	6.42E-09	4.14E-04	9.19E-08	1.42E-01	0.00E+00	1.51E+00	5.28E-07	1.51E+00	1.68E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
MCX110P	9.12E-04	1.44E-01	6.00E-03	1.41E-01	2.87E-12	0.00E+00	9.24E-01	1.85E-06	4.43E-04	1.39E-03	0.00E+00	-1.66E-04	1.88E-10	5.20E-09	5.96E-03	2.77E-01	0.00E+00	0.00E+00	7.45E-01	2.83E-03	1.41E+00	0.00E+00	1.09E-08	5.55E-09	3.98E-04	7.85E-08	1.33E-01	0.00E+00	1.41E+00	4.19E-07	1.41E+00	1.54E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
MCX116P	9.18E-04	1.43E-01	5.67E-03	1.39E-01	2.87E-12	0.00E+00	9.55E-01	1.91E-06	4.38E-04	1.39E-03	0.00E+00	-1.44E-04	1.80E-10	5.23E-09	6.20E-03	2.81E-01	0.00E+00	0.00E+00	7.66E-01	2.83E-03	1.43E+00	0.00E+00	1.12E-08	5.63E-09	4.04E-04	7.84E-08	1.35E-01	0.00E+00	1.43E+00	4.21E-07	1.43E+00	1.56E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MCX120P	9.24E-04	1.39E-01	5.80E-03	1.34E-01	2.87E-12	0.00E+00	9.69E-01	1.92E-06	4.52E-04	1.38E-03	0.00E+00	-1.68E-04	1.83E-10	5.55E-09	6.26E-03	2.81E-01	0.00E+00	0.00E+00	7.77E-01	2.40E-03	1.44E+00	0.00E+00	1.13E-08	5.64E-09	4.10E-04	7.54E-08	1.36E-01	0.00E+00	1.44E+00	4.33E-07	1.44E+00	1.58E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MCX125P	9.54E-04	1.37E-01	6.29E-03	1.34E-01	2.87E-12	0.00E+00	1.04E+00	2.39E-06	4.51E-04	1.38E-03	0.00E+00	-1.61E-04	1.89E-10	5.74E-09	7.48E-03	3.06E-01	0.00E+00	0.00E+00	9.10E-01	2.85E-03	1.87E+00	0.00E+00	1.48E-08	7.51E-09	4.19E-04	9.51E-08	1.55E-01	0.00E+00	1.87E+00	5.35E-07	1.87E+00	2.08E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MCX132P	1.46E-03	1.38E-01	7.22E-03	1.36E-01	2.87E-12	0.00E+00	1.10E+00	2.45E-06	7.49E-04	1.39E-03	0.00E+00	-1.61E-04	1.94E-10	8.61E-09	7.65E-03	3.62E-01	0.00E+00	0.00E+00	9.80E-01	3.26E-03	1.90E+00	0.00E+00	1.51E-08	7.74E-09	4.44E-04	1.03E-07	1.71E-01	0.00E+00	1.90E+00	5.35E-07	1.90E+00	2.12E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MCX140P	1.37E-03	1.38E-01	7.07E-03	1.36E-01	2.87E-12	0.00E+00	1.10E+00	2.45E-06	7.15E-04	1.39E-03	0.00E+00	-1.60E-04	1.94E-10	8.07E-09	7.66E-03	3.58E-01	0.00E+00	0.00E+00	9.77E-01	3.12E-03	1.91E+00	0.00E+00	1.51E-08	7.77E-09	4.43E-04	9.70E-08	1.68E-01	0.00E+00	1.91E+00	5.36E-07	1.91E+00	2.12E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.52E+01
MD106P	8.88E-04	1.38E-01	6.21E-03	1.33E-01	2.87E-12	0.00E+00	9.93E-01	2.44E-06	4.01E-04	1.39E-03	0.00E+00	-1.76E-04	1.82E-10	4.88E-09	7.42E-03	2.96E-01	0.00E+00	0.00E+00	8.72E-01	3.31E-03	1.88E+00	0.00E+00	1.48E-08	7.45E-09	4.17E-04	9.26E-08	1.52E-01	0.00E+00	1.88E+00	5.67E-07	1.88E+00	2.07E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
MD110P	9.13E-04	1.48E-01	5.45E-03	1.42E-01	2.87E-12	0.00E+00	9.25E-01	1.92E-06	4.45E-04	1.41E-03	0.00E+00	-1.72E-04	1.75E-10	5.21E-09	6.00E-03	2.76E-01	0.00E+00	0.00E+00	7.49E-01	3.10E-03	1.44E+00	0.00E+00	1.11E-08	5.56E-09	4.00E-04	7.84E-08	1.33E-01	0.00E+00	1.44E+00	4.69E-07	1.44E+00	1.55E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MD116P	9.09E-04	1.47E-01	5.80E-03	1.40E-01	2.87E-12	0.00E+00	9.48E-01	1.95E-06	4.37E-04	1.40E-03	0.00E+00	-1.75E-04	1.79E-10	5.18E-09	6.20E-03	2.79E-01	0.00E+00	0.00E+00	7.61E-01	3.14E-03	1.46E+00	0.00E+00	1.13E-08	5.63E-09	4.09E-04	7.90E-08	1.35E-01	0.00E+00	1.46E+00	4.74E-07	1.46E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MD120P	8.28E-04	1.53E-01	5.22E-03	1.46E-01	2.87E-12	0.00E+00	9.17E-01	1.94E-06	3.83E-04	1.40E-03	0.00E+00	-1.51E-04	1.70E-10	4.62E-09	5.75E-03	2.55E-01	0.00E+00	0.00E+00	7.31E-01	2.64E-03	1.40E+00	0.00E+00	1.06E-08	5.12E-09	3.76E-04	7.35E-08	1.26E-01	0.00E+00	1.40E+00	4.68E-07	1.40E+00	1.50E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MD132P	1.40E-03	1.66E-01	7.51E-03	1.51E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.26E-04	1.53E-03	0.00E+00	-1.70E-04	2.03E-10	8.17E-09	7.80E-03	3.58E-01	0.00E+00	0.00E+00	9.96E-01	3.64E-03	1.98E+00	0.00E+00	1.52E-08	7.94E-09	4.57E-04	1.02E-07	1.71E-01	0.00E+00	1.98E+00	5.71E-07	1.98E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MD206P	2.38E-03	2.85E-01	1.21E-02	2.77E-01	2.87E-12	0.00E+00	2.18E+00	4.74E-06	5.64E-04	2.75E-03	0.00E+00	-2.07E-04	3.85E-10	1.06E-08	1.46E-02	5.90E-01	0.00E+00	0.00E+00	1.73E+00	3.92E-03	3.62E+00	0.00E+00	2.82E-08	1.38E-08	8.71E-04	1.34E-07	3.21E-01	0.00E+00	3.62E+00	1.21E-06	3.62E+00	4.01E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
MD210P	1.41E-03	3.00E-01	1.16E-02	2.89E-01	2.87E-12	0.00E+00	1.80E+00	3.58E-06	6.53E-04	2.76E-03	0.00E+00	-1.98E-04	3.27E-10	7.80E-09	1.20E-02	5.42E-01	0.00E+00	0.00E+00	1.40E+00	4.18E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.52E-04	1.35E-07	2.44E-01	0.00E+00	2.61E+00	6.40E-07	2.61E+00	2.84E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MD216P	1.42E-03	3.00E-01	1.13E-02	2.89E-01	2.87E-12	0.00E+00	1.81E+00	3.60E-06	6.24E-04	2.77E-03	0.00E+00	-1.99E-04	3.31E-10	7.93E-09	1.20E-02	5.40E-01	0.00E+00	0.00E+00	1.39E+00	4.38E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.52E-04	1.34E-07	2.43E-01	0.00E+00	2.61E+00	6.66E-07	2.61E+00	2.84E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.99E+01
MD220P	1.50E-03	2.97E-01	1.15E-02	2.88E-01	2.87E-12	0.00E+00	1.97E+00	3.84E-06	6.76E-04	2.76E-03	0.00E+00	-2.01E-04	3.57E-10	8.43E-09	1.24E-02	5.58E-01	0.00E+00	0.00E+00	1.47E+00	3.72E-03	2.64E+00	0.00E+00	2.09E-08	1.03E-08	7.54E-04	1.21E-07	2.49E-01	0.00E+00	2.64E+00	6.68E-07	2.64E+00	2.87E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.37E+01
MD225P	2.61E-03	3.61E-01	1.21E-02	3.44E-01	2.87E-12	0.00E+00	2.24E+00	4.88E-06	1.14E-03	3.27E-03	0.00E+00	-2.08E-04	3.92E-10	1.33E-08	1.49E-02	6.07E-01	0.00E+00	0.00E+00	1.86E+00	3.54E-03	3.79E+00	0.00E+00	2.98E-08	1.45E-08	9.23E-04	1.31E-07	3.42E-01	0.00E+00	3.79E+00	1.15E-06	3.79E+00	4.10E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MD263P	4.50E-03	3.96E-01	1.40E-02	3.84E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	2.57E-03	3.52E-03	0.00E+00	-3.38E-04	4.44E-10	2.91E-08	1.46E-02	7.43E-01	0.00E+00	0.00E+00	1.88E+00	3.12E-03	3.07E+00	0.00E+00	2.54E-08	1.32E-08	9.68E-04	1.49E-07	3.26E-01	0.00E+00	3.07E+00	5.75E-07	3.07E+00	3.42E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MD306P	2.66E-03	3.98E-01	1.56E-02	3.75E-01	2.87E-12	0.00E+00	2.89E+00	6.87E-06	9.40E-04	4.05E-03	0.00E+00	-4.06E-04	4.92E-10	1.29E-08	2.21E-02	8.37E-01	0.00E+00	0.00E+00	2.39E+00	5.86E-03	5.46E+00	0.00E+00	4.14E-08	1.93E-08	1.20E-03	1.59E-07	4.24E-01	0.00E+00	5.46E+00	1.61E-06	5.46E+00	5.87E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
MD310P	2.52E-03	4.38E-01	1.42E-02	4.27E-01	2.87E-12	0.00E+00	2.74E+00	5.44E-06	1.09E-03	4.08E-03	0.00E+00	-2.99E-04	4.81E-10	1.28E-08	1.87E-02	7.05E-01	0.00E+00	0.00E+00	2.03E+00	4.96E-03	3.85E+00	0.00E+00	3.07E-08	1.46E-08	1.12E-03	1.56E-07	3.62E-01	0.00E+00	3.85E+00	7.94E-07	3.85E+00	4.19E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MD316P	2.66E-03	4.16E-01	1.51E-02	4.12E-01	2.87E-12	0.00E+00	2.82E+00	5.69E-06	1.21E-03	4.07E-03	0.00E+00	-3.80E-04	4.88E-10	1.45E-08	1.98E-02	7.43E-01	0.00E+00	0.00E+00	2.16E+00	5.60E-03	4.10E+00	0.00E+00	3.30E-08	1.60E-08	1.12E-03	1.67E-07	3.83E-01	0.00E+00	4.10E+00	8.28E-07	4.10E+00	4.54E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	7.84E+01
MD320P	2.74E-03	4.18E-01	1.53E-02	4.19E-01	2.87E-12	0.00E+00	2.91E+00	6.10E-06	1.27E-03	4.05E-03	0.00E+00	-3.86E-04	5.03E-10	1.57E-08	2.07E-02	7.67E-01	0.00E+00	0.00E+00	2.38E+00	5.65E-03	4.60E+00	0.00E+00	3.58E-08	1.90E-08	1.14E-03	1.65E-07	4.21E-01	0.00E+00	4.60E+00	8.73E-07	4.60E+00	5.10E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.54E+01
MD325P	3.29E-03	5.05E-01	1.86E-02	4.70E-01	2.87E-12	0.00E+00	3.03E+00	7.21E-06	1.51E-03	4.50E-03	0.00E+00	-4.29E-04	5.84E-10	1.83E-08	2.30E-02	9.54E-01	0.00E+00	0.00E+00	2.77E+00	6.00E-03	5.65E+00	0.00E+00	4.33E-08	2.12E-08	1.34E-03	1.76E-07	4.88E-01	0.00E+00	5.65E+00	1.69E-06	5.65E+00	6.08E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MD332P	4.46E-03	5.11E-01	2.01E-02	4.75E-01	2.87E-12	0.00E+00	3.28E+00	7.36E-06	2.42E-03	4.52E-03	0.00E+00	-4.59E-04	6.17E-10	2.76E-08	2.34E-02	1.15E+00	0.00E+00	0.00E+00	3.01E+00	5.69E-03	5.78E+00	0.00E+00	4.41E-08	2.24E-08	1.40E-03	1.64E-07	5.27E-01	0.00E+00	5.78E+00	1.69E-06	5.78E+00	6.24E+00	5.27E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MD340P	4.45E-03	4.86E-01	2.08E-02	4.46E-01	2.87E-12	0.00E+00	3.29E+00	7.46E-06	2.39E-03	4.43E-03	0.00E+00	-5.09E-04	5.99E-10	2.76E-08	2.36E-02	1.17E+00	0.00E+00	0.00E+00	3.06E+00	6.60E-03	5.81E+00	0.00E+00	4.41E-08	2.27E-08	1.38E-03	2.00E-07	5.33E-01	0.00E+00	5.81E+00	1.70E-06	5.81E+00	6.26E+00	5.33E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
MD350P	4.87E-03	5.89E-01	2.16E-02	5.71E-01	2.87E-12	0.00E+00	3.59E+00	6.78E-06	2.77E-03	5.28E-03	0.00E+00	-5.44E-04	6.16E-10	3.18E-08	2.28E-02	1.10E+00	0.00E+00	0.00E+00	2.83E+00	6.81E-03	5.00E+00	0.00E+00	3.96E-08	2.01E-08	1.46E-03	2.22E-07	5.00E-01	0.00E+00	5.00E+00	9.97E-07	5.00E+00	5.50E+00	5.00E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MD363P	4.86E-03	5.77E-01	2.16E-02	5.57E-01	2.87E-12	0.00E+00	3.49E+00	6.54E-06	2.79E-03	5.19E-03	0.00E+00	-5.55E-04	6.31E-10	3.19E-08	2.22E-02	1.11E+00	0.00E+00	0.00E+00	2.85E+00	6.84E-03	4.72E+00	0.00E+00	3.78E-08	2.01E-08	1.47E-03	2.23E-07	5.02E-01	0.00E+00	4.72E+00	7.52E-07	4.72E+00	5.23E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MD440P	6.51E-03	8.01E-01	2.64E-02	7.70E-01	2.87E-12	0.00E+00	4.42E+00	8.16E-06	3.62E-03	7.12E-03	0.00E+00	-5.94E-04	8.53E-10	4.09E-08	2.77E-02	1.49E+00	0.00E+00	0.00E+00	3.83E+00	6.86E-03	6.24E+00	0.00E+00	5.03E-08	2.72E-08	2.08E-03	2.21E-07	6.75E-01	0.00E+00	6.24E+00	1.67E-06	6.24E+00	6.88E+00	6.75E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MDN101P	1.02E-03	1.96E-01	7.05E-03	1.85E-01	2.87E-12	0.00E+00	1.05E+00	1.94E-06	4.64E-04	1.71E-03	0.00E+00	-2.67E-04	2.09E-10	5.45E-09	7.02E-03	2.97E-01	0.00E+00	0.00E+00	7.91E-01	3.13E-03	1.48E+00	0.00E+00	1.19E-08	5.89E-09	4.49E-04	8.82E-08	1.40E-01	0.00E+00	1.48E+00	2.95E-07	1.48E+00	1.63E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MDN102P	1.00E-03	1.60E-01	7.04E-03	1.48E-01	2.87E-12	0.00E+00	1.08E+00	2.57E-06	4.62E-04	1.52E-03	0.00E+00	-2.97E-04	2.15E-10	5.57E-09	7.78E-03	3.16E-01	0.00E+00	0.00E+00	9.53E-01	3.71E-03	1.99E+00	0.00E+00	1.52E-08	7.83E-09	4.49E-04	1.01E-07	1.67E-01	0.00E+00	1.99E+00	5.22E-07	1.99E+00	2.18E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
MDN103P	9.91E-04	1.60E-01	6.98E-03	1.48E-01	2.87E-12	0.00E+00	1.06E+00	2.57E-06	4.58E-04	1.51E-03	0.00E+00	-2.99E-04	1.97E-10	5.34E-09	7.78E-03	3.07E-01	0.00E+00	0.00E+00	9.34E-01	3.70E-03	1.99E+00	0.00E+00	1.52E-08	7.83E-09	4.39E-04	1.01E-07	1.63E-01	0.00E+00	1.99E+00	5.23E-07	1.99E+00	2.18E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MDN104P	9.91E-04	1.60E-01	6.98E-03	1.48E-01	2.87E-12	0.00E+00	1.06E+00	2.57E-06	4.58E-04	1.51E-03	0.00E+00	-2.99E-04	1.97E-10	5.34E-09	7.78E-03	3.07E-01	0.00E+00	0.00E+00	9.34E-01	3.70E-03	1.99E+00	0.00E+00	1.52E-08	7.83E-09	4.39E-04	1.01E-07	1.63E-01	0.00E+00	1.99E+00	5.23E-07	1.99E+00	2.18E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MDN106P	9.79E-04	1.37E-01	6.54E-03	1.31E-01	2.87E-12	0.00E+00	1.01E+00	2.48E-06	4.48E-04	1.39E-03	0.00E+00	-1.85E-04	1.89E-10	5.43E-09	7.65E-03	3.00E-01	0.00E+00	0.00E+00	9.11E-01	3.02E-03	1.93E+00	0.00E+00	1.51E-08	7.63E-09	4.23E-04	8.43E-08	1.59E-01	0.00E+00	1.93E+00	5.15E-07	1.93E+00	2.12E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MDN110P	9.82E-04	1.38E-01	6.67E-03	1.31E-01	2.87E-12	0.00E+00	1.04E+00	2.52E-06	4.50E-04	1.40E-03	0.00E+00	-1.84E-04	1.91E-10	5.36E-09	7.76E-03	3.00E-01	0.00E+00	0.00E+00	9.24E-01	3.16E-03	1.96E+00	0.00E+00	1.52E-08	7.69E-09	4.23E-04	8.41E-08	1.62E-01	0.00E+00	1.96E+00	5.24E-07	1.96E+00	2.14E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MDN116P	9.84E-04	1.42E-01	6.67E-03	1.35E-01	2.87E-12	0.00E+00	1.05E+00	2.53E-06	4.52E-04	1.45E-03	0.00E+00	-1.83E-04	1.97E-10	5.33E-09	7.78E-03	2.98E-01	0.00E+00	0.00E+00	9.25E-01	3.17E-03	1.97E+00	0.00E+00	1.53E-08	7.70E-09	4.29E-04	8.43E-08	1.62E-01	0.00E+00	1.97E+00	5.24E-07	1.97E+00	2.15E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MDN120P	1.03E-03	1.60E-01	7.34E-03	1.44E-01	2.87E-12	0.00E+00	1.06E+00	2.55E-06	4.79E-04	1.51E-03	0.00E+00	-1.80E-04	2.09E-10	6.09E-09	7.80E-03	3.02E-01	0.00E+00	0.00E+00	9.36E-01	2.76E-03	1.99E+00	0.00E+00	1.54E-08	7.89E-09	4.39E-04	7.98E-08	1.64E-01	0.00E+00	1.99E+00	5.21E-07	1.99E+00	2.18E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MDN125P	1.03E-03	1.61E-01	7.09E-03	1.45E-01	2.87E-12	0.00E+00	1.07E+00	2.56E-06	4.84E-04	1.49E-03	0.00E+00	-1.58E-04	2.00E-10	6.20E-09	7.80E-03	3.26E-01	0.00E+00	0.00E+00	9.61E-01	2.90E-03	1.98E+00	0.00E+00	1.53E-08	7.89E-09	4.42E-04	8.64E-08	1.66E-01	0.00E+00	1.98E+00	5.22E-07	1.98E+00	2.17E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MDN132P	1.36E-03	1.62E-01	7.62E-03	1.49E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	6.60E-04	1.53E-03	0.00E+00	-1.78E-04	2.31E-10	7.70E-09	7.78E-03	3.74E-01	0.00E+00	0.00E+00	1.01E+00	2.97E-03	1.99E+00	0.00E+00	1.54E-08	7.96E-09	4.90E-04	8.46E-08	1.75E-01	0.00E+00	1.99E+00	5.20E-07	1.99E+00	2.18E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
MDN140P	1.51E-03	1.61E-01	7.27E-03	1.48E-01	2.87E-12	0.00E+00	1.12E+00	2.55E-06	7.48E-04	1.51E-03	0.00E+00	-1.78E-04	2.06E-10	8.98E-09	7.79E-03	3.66E-01	0.00E+00	0.00E+00	1.01E+00	2.90E-03	1.99E+00	0.00E+00	1.53E-08	7.96E-09	4.63E-04	7.87E-08	1.76E-01	0.00E+00	1.99E+00	5.24E-07	1.99E+00	2.18E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
MDN150P	1.49E-03	1.98E-01	6.78E-03	1.90E-01	2.87E-12	0.00E+00	1.14E+00	1.92E-06	9.13E-04	1.74E-03	0.00E+00	-2.05E-04	2.10E-10	9.59E-09	6.92E-03	3.65E-01	0.00E+00	0.00E+00	9.10E-01	2.62E-03	1.53E+00	0.00E+00	1.24E-08	6.62E-09	4.84E-04	7.69E-08	1.64E-01	0.00E+00	1.53E+00	2.75E-07	1.53E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MDN163P	1.79E-03	2.00E-01	6.90E-03	1.92E-01	2.87E-12	0.00E+00	1.16E+00	1.98E-06	1.16E-03	1.78E-03	0.00E+00	-2.05E-04	2.39E-10	1.13E-08	7.06E-03	3.86E-01	0.00E+00	0.00E+00	9.75E-01	2.62E-03	1.60E+00	0.00E+00	1.31E-08	7.08E-09	5.23E-04	7.68E-08	1.72E-01	0.00E+00	1.60E+00	2.69E-07	1.60E+00	1.76E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
MDN200P	2.65E-03	3.88E-01	1.29E-02	3.72E-01	2.87E-12	0.00E+00	2.23E+00	4.22E-06	6.13E-04	3.43E-03	0.00E+00	-3.65E-04	4.11E-10	1.21E-08	1.45E-02	6.66E-01	0.00E+00	0.00E+00	1.77E+00	4.26E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.70E-04	1.43E-07	3.35E-01	0.00E+00	3.22E+00	6.64E-07	3.22E+00	3.48E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
MDN201P	2.65E-03	3.90E-01	1.31E-02	3.73E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	6.01E-04	3.43E-03	0.00E+00	-3.65E-04	4.33E-10	1.21E-08	1.45E-02	6.66E-01	0.00E+00	0.00E+00	1.77E+00	4.34E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.73E-04	1.43E-07	3.35E-01	0.00E+00	3.22E+00	6.66E-07	3.22E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MDN202P	2.51E-03	3.87E-01	1.25E-02	3.65E-01	2.87E-12	0.00E+00	2.24E+00	4.61E-06	5.95E-04	3.42E-03	0.00E+00	-3.48E-04	4.31E-10	1.16E-08	1.53E-02	6.16E-01	0.00E+00	0.00E+00	1.79E+00	4.47E-03	3.64E+00	0.00E+00	2.88E-08	1.43E-08	9.49E-04	1.42E-07	3.36E-01	0.00E+00	3.64E+00	7.18E-07	3.64E+00	3.80E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
MDN203P	2.73E-03	3.90E-01	1.31E-02	3.73E-01	2.87E-12	0.00E+00	2.24E+00	4.26E-06	1.33E-03	3.44E-03	0.00E+00	-3.68E-04	4.19E-10	1.54E-08	1.45E-02	6.74E-01	0.00E+00	0.00E+00	1.83E+00	4.30E-03	3.23E+00	0.00E+00	2.64E-08	1.38E-08	9.75E-04	1.37E-07	3.38E-01	0.00E+00	3.23E+00	6.70E-07	3.23E+00	3.51E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.48E+01
MDN204P	2.50E-03	3.80E-01	1.25E-02	3.59E-01	2.87E-12	0.00E+00	2.23E+00	4.60E-06	8.25E-04	3.37E-03	0.00E+00	-3.51E-04	4.22E-10	1.22E-08	1.53E-02	6.16E-01	0.00E+00	0.00E+00	1.80E+00	4.46E-03	3.63E+00	0.00E+00	2.88E-08	1.43E-08	9.47E-04	1.42E-07	3.36E-01	0.00E+00	3.63E+00	7.23E-07	3.63E+00	3.80E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
MDN206P	2.51E-03	3.76E-01	1.21E-02	3.58E-01	2.87E-12	0.00E+00	2.21E+00	4.56E-06	5.74E-04	3.35E-03	0.00E+00	-2.30E-04	3.99E-10	1.16E-08	1.52E-02	6.07E-01	0.00E+00	0.00E+00	1.79E+00	3.98E-03	3.57E+00	0.00E+00	2.84E-08	1.42E-08	9.38E-04	1.30E-07	3.34E-01	0.00E+00	3.57E+00	6.28E-07	3.57E+00	3.75E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.20E+01
MDN210P	2.51E-03	3.78E-01	1.21E-02	3.59E-01	2.87E-12	0.00E+00	2.21E+00	4.59E-06	7.48E-04	3.36E-03	0.00E+00	-2.28E-04	3.98E-10	1.22E-08	1.53E-02	6.03E-01	0.00E+00	0.00E+00	1.80E+00	4.14E-03	3.62E+00	0.00E+00	2.88E-08	1.43E-08	9.39E-04	1.31E-07	3.35E-01	0.00E+00	3.62E+00	6.05E-07	3.62E+00	3.78E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MDN216P	2.53E-03	3.78E-01	1.17E-02	3.59E-01	2.87E-12	0.00E+00	2.21E+00	4.59E-06	7.44E-04	3.36E-03	0.00E+00	-2.26E-04	3.99E-10	1.22E-08	1.52E-02	6.07E-01	0.00E+00	0.00E+00	1.80E+00	4.19E-03	3.62E+00	0.00E+00	2.88E-08	1.44E-08	9.40E-04	1.27E-07	3.36E-01	0.00E+00	3.62E+00	6.29E-07	3.62E+00	3.78E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
MDN220P	2.53E-03	3.77E-01	1.20E-02	3.56E-01	2.87E-12	0.00E+00	2.20E+00	4.62E-06	7.78E-04	3.36E-03	0.00E+00	-2.31E-04	3.93E-10	1.24E-08	1.53E-02	5.92E-01	0.00E+00	0.00E+00	1.80E+00	3.65E-03	3.68E+00	0.00E+00	2.90E-08	1.45E-08	9.38E-04	1.17E-07	3.38E-01	0.00E+00	3.68E+00	7.06E-07	3.68E+00	3.80E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MDN225P	2.54E-03	3.78E-01	1.23E-02	3.56E-01	2.87E-12	0.00E+00	2.23E+00	4.63E-06	1.14E-03	3.37E-03	0.00E+00	-2.71E-04	3.95E-10	1.35E-08	1.53E-02	6.16E-01	0.00E+00	0.00E+00	1.84E+00	3.79E-03	3.69E+00	0.00E+00	2.92E-08	1.45E-08	9.40E-04	1.30E-07	3.44E-01	0.00E+00	3.69E+00	7.38E-07	3.69E+00	3.81E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.41E+01
MDN232P	3.02E-03	3.86E-01	1.36E-02	3.65E-01	2.87E-12	0.00E+00	2.25E+00	4.66E-06	1.51E-03	3.40E-03	0.00E+00	-2.83E-04	4.32E-10	1.77E-08	1.53E-02	7.53E-01	0.00E+00	0.00E+00	2.01E+00	3.95E-03	3.70E+00	0.00E+00	2.92E-08	1.52E-08	9.43E-04	1.33E-07	3.54E-01	0.00E+00	3.70E+00	7.36E-07	3.70E+00	3.86E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MDN240P	3.04E-03	3.86E-01	1.40E-02	3.65E-01	2.87E-12	0.00E+00	2.25E+00	4.67E-06	1.51E-03	3.41E-03	0.00E+00	-3.12E-04	4.33E-10	1.80E-08	1.53E-02	7.70E-01	0.00E+00	0.00E+00	2.02E+00	4.36E-03	3.70E+00	0.00E+00	2.92E-08	1.54E-08	9.45E-04	1.39E-07	3.54E-01	0.00E+00	3.70E+00	7.49E-07	3.70E+00	3.87E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.48E+01

MDN250P	3.10E-03	3.93E-01	1.36E-02	3.80E-01	2.87E-12	0.00E+00	2.23E+00	4.18E-06	1.76E-03	3.47E-03	0.00E+00	-3.36E-04	4.23E-10	1.99E-08	1.49E-02	7.38E-01	0.00E+00	0.00E+00	1.88E+00	2.98E-03	3.07E+00	0.00E+00	2.53E-08	1.33E-08	9.75E-04	1.21E-07	3.27E-01	0.00E+00	3.07E+00	5.77E-07	3.07E+00	3.42E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MDN263P	4.51E-03	3.93E-01	1.40E-02	3.81E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	2.57E-03	3.46E-03	0.00E+00	-3.41E-04	4.42E-10	2.91E-08	1.49E-02	7.44E-01	0.00E+00	0.00E+00	1.88E+00	3.02E-03	3.07E+00	0.00E+00	2.53E-08	1.33E-08	9.76E-04	1.49E-07	3.27E-01	0.00E+00	3.07E+00	5.77E-07	3.07E+00	3.43E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.99E+01
MDN263R	4.65E-03	3.91E-01	1.32E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.62E-04	3.82E-10	2.95E-08	1.42E-02	7.45E-01	0.00E+00	0.00E+00	1.96E+00	4.27E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	9.84E-04	1.60E-07	3.49E-01	0.00E+00	3.20E+00	4.10E-07	3.20E+00	3.51E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
MDN300P	3.09E-03	5.45E-01	1.72E-02	5.23E-01	2.87E-12	0.00E+00	3.23E+00	5.78E-06	1.07E-03	4.75E-03	0.00E+00	-5.80E-04	5.71E-10	1.51E-08	2.07E-02	8.40E-01	0.00E+00	0.00E+00	2.29E+00	7.42E-03	4.21E+00	0.00E+00	3.44E-08	1.69E-08	1.30E-03	2.12E-07	4.09E-01	0.00E+00	4.21E+00	1.09E-06	4.21E+00	4.60E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
MDN301P	3.00E-03	5.12E-01	1.68E-02	4.92E-01	2.87E-12	0.00E+00	3.26E+00	6.71E-06	1.03E-03	4.58E-03	0.00E+00	-5.20E-04	5.85E-10	1.39E-08	2.22E-02	8.70E-01	0.00E+00	0.00E+00	2.39E+00	6.97E-03	5.08E+00	0.00E+00	4.02E-08	1.95E-08	1.31E-03	1.93E-07	4.24E-01	0.00E+00	5.08E+00	1.16E-06	5.08E+00	5.70E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MDN302P	3.00E-03	5.13E-01	1.68E-02	4.92E-01	2.87E-12	0.00E+00	3.23E+00	6.70E-06	1.03E-03	4.58E-03	0.00E+00	-5.19E-04	5.82E-10	1.38E-08	2.22E-02	8.70E-01	0.00E+00	0.00E+00	2.40E+00	6.97E-03	5.08E+00	0.00E+00	4.02E-08	1.95E-08	1.31E-03	1.93E-07	4.25E-01	0.00E+00	5.08E+00	1.16E-06	5.08E+00	5.70E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MDN303P	3.01E-03	5.07E-01	1.68E-02	4.86E-01	2.87E-12	0.00E+00	3.22E+00	6.68E-06	1.18E-03	4.57E-03	0.00E+00	-5.24E-04	5.84E-10	1.47E-08	2.21E-02	8.70E-01	0.00E+00	0.00E+00	2.40E+00	6.96E-03	5.03E+00	0.00E+00	4.00E-08	1.95E-08	1.31E-03	1.92E-07	4.25E-01	0.00E+00	5.03E+00	1.16E-06	5.03E+00	5.67E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
MDN304P	3.01E-03	5.11E-01	1.68E-02	4.90E-01	2.87E-12	0.00E+00	3.23E+00	6.71E-06	1.02E-03	4.59E-03	0.00E+00	-5.25E-04	5.96E-10	1.39E-08	2.21E-02	8.77E-01	0.00E+00	0.00E+00	2.44E+00	6.96E-03	5.07E+00	0.00E+00	4.02E-08	1.95E-08	1.31E-03	1.92E-07	4.32E-01	0.00E+00	5.07E+00	1.16E-06	5.07E+00	5.70E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	8.76E+01
MDN306P	2.98E-03	5.09E-01	1.68E-02	4.85E-01	2.87E-12	0.00E+00	3.23E+00	6.66E-06	1.03E-03	4.59E-03	0.00E+00	-5.06E-04	5.79E-10	1.37E-08	2.22E-02	8.65E-01	0.00E+00	0.00E+00	2.38E+00	6.89E-03	5.04E+00	0.00E+00	3.98E-08	1.92E-08	1.31E-03	1.90E-07	4.23E-01	0.00E+00	5.04E+00	9.21E-07	5.04E+00	5.65E+00	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
MDN310P	3.00E-03	5.11E-01	1.67E-02	4.88E-01	2.87E-12	0.00E+00	2.97E+00	6.56E-06	1.19E-03	4.60E-03	0.00E+00	-4.42E-04	5.79E-10	1.45E-08	2.14E-02	8.77E-01	0.00E+00	0.00E+00	2.44E+00	6.82E-03	5.00E+00	0.00E+00	3.96E-08	1.94E-08	1.30E-03	1.90E-07	4.28E-01	0.00E+00	5.00E+00	8.91E-07	5.00E+00	5.62E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.77E+01
MDN316P	3.12E-03	4.80E-01	1.69E-02	4.74E-01	2.87E-12	0.00E+00	2.99E+00	6.65E-06	1.33E-03	4.37E-03	0.00E+00	-4.37E-04	5.85E-10	1.65E-08	2.20E-02	8.97E-01	0.00E+00	0.00E+00	2.46E+00	6.87E-03	5.00E+00	0.00E+00	3.94E-08	1.95E-08	1.28E-03	1.95E-07	4.28E-01	0.00E+00	5.00E+00	9.21E-07	5.00E+00	5.61E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
MDN320P	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
MDN325P	3.31E-03	5.10E-01	1.89E-02	4.88E-01	2.87E-12	0.00E+00	3.29E+00	6.79E-06	1.52E-03	4.57E-03	0.00E+00	-5.26E-04	5.98E-10	1.82E-08	2.24E-02	9.56E-01	0.00E+00	0.00E+00	2.86E+00	7.01E-03	5.06E+00	0.00E+00	4.02E-08	2.16E-08	1.39E-03	2.04E-07	4.98E-01	0.00E+00	5.06E+00	1.17E-06	5.06E+00	5.70E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MDN332P	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.22E-06	2.56E-03	5.17E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.93E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MDN340P	4.53E-03	5.04E-01	2.21E-02	4.72E-01	2.87E-12	0.00E+00	3.46E+00	6.91E-06	2.40E-03	4.52E-03	0.00E+00	-6.07E-04	6.05E-10	2.84E-08	2.28E-02	1.17E+00	0.00E+00	0.00E+00	3.05E+00	7.80E-03	5.21E+00	0.00E+00	4.13E-08	2.29E-08	1.41E-03	2.28E-07	5.35E-01	0.00E+00	5.21E+00	1.18E-06	5.21E+00	5.88E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
MDN350P	4.72E-03	5.53E-01	2.12E-02	5.28E-01	2.87E-12	0.00E+00	3.38E+00	6.49E-06	2.70E-03	5.06E-03	0.00E+00	-5.76E-04	6.15E-10	3.07E-08	2.16E-02	1.10E+00	0.00E+00	0.00E+00	2.85E+00	6.78E-03	4.58E+00	0.00E+00	3.76E-08	2.07E-08	1.45E-03	2.23E-07	5.01E-01	0.00E+00	4.58E+00	7.47E-07	4.58E+00	5.17E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MDN363P	4.73E-03	5.48E-01	2.11E-02	5.25E-01	2.87E-12	0.00E+00	3.43E+00	6.39E-06	2.68E-03	5.04E-03	0.00E+00	-5.82E-04	5.98E-10	3.10E-08	2.16E-02	1.11E+00	0.00E+00	0.00E+00	2.83E+00	6.81E-03	4.50E+00	0.00E+00	3.72E-08	2.07E-08	1.46E-03	2.27E-07	4.99E-01	0.00E+00	4.50E+00	7.47E-07	4.50E+00	5.09E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MDN400P	4.91E-03	7.88E-01	2.53E-02	7.62E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	1.22E-03	7.05E-03	0.00E+00	-6.85E-04	8.21E-10	2.15E-08	2.73E-02	1.29E+00	0.00E+00	0.00E+00	3.50E+00	8.75E-03	6.04E+00	0.00E+00	4.67E-08	2.52E-08	2.03E-03	2.62E-07	6.28E-01	0.00E+00	6.04E+00	1.19E-06	6.04E+00	6.66E+00	6.28E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MDN401P	4.91E-03	7.88E-01	2.92E-02	7.62E-01	2.87E-12	0.00E+00	4.46E+00	8.05E-06	1.22E-03	7.05E-03	0.00E+00	-6.85E-04	8.94E-10	2.16E-08	2.93E-02	1.36E+00	0.00E+00	0.00E+00	3.55E+00	8.74E-03	6.11E+00	0.00E+00	4.71E-08	2.55E-08	2.03E-03	2.62E-07	6.43E-01	0.00E+00	6.11E+00	1.19E-06	6.11E+00	6.75E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
MDN402P	4.91E-03	7.88E-01	2.92E-02	7.62E-01	2.87E-12	0.00E+00	4.46E+00	8.05E-06	1.22E-03	7.05E-03	0.00E+00	-6.85E-04	8.94E-10	2.15E-08	2.93E-02	1.36E+00	0.00E+00	0.00E+00	3.55E+00	8.74E-03	6.11E+00	0.00E+00	4.71E-08	2.55E-08	2.03E-03	2.62E-07	6.43E-01	0.00E+00	6.11E+00	1.19E-06	6.11E+00	6.75E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
MDN403P	5.05E-03	7.88E-01	2.58E-02	7.62E-01	2.87E-12	0.00E+00	4.34E+00	8.06E-06	2.68E-03	7.05E-03	0.00E+00	-6.88E-04	8.21E-10	3.05E-08	2.73E-02	1.30E+00	0.00E+00	0.00E+00	3.53E+00	8.80E-03	6.06E+00	0.00E+00	4.67E-08	2.52E-08	2.03E-03	2.73E-07	6.31E-01	0.00E+00	6.06E+00	1.19E-06	6.06E+00	6.68E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MDN404P	5.06E-03	6.61E-01	2.49E-02	6.33E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	2.70E-03	5.50E-03	0.00E+00	-6.82E-04	8.08E-10	3.11E-08	2.71E-02	1.24E+00	0.00E+00	0.00E+00	3.50E+00	8.68E-03	5.86E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.58E-07	6.24E-01	0.00E+00	5.86E+00	1.20E-06	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MDN406P	4.90E-03	6.69E-01	2.53E-02	6.35E-01	2.87E-12	0.00E+00	4.32E+00	8.03E-06	1.22E-03	5.50E-03	0.00E+00	-6.87E-04	8.10E-10	2.15E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.50E+00	8.83E-03	5.85E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.63E-07	6.23E-01	0.00E+00	5.85E+00	9.27E-07	5.85E+00	6.47E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MDN410P	5.05E-03	6.74E-01	2.68E-02	6.48E-01	2.87E-12	0.00E+00	4.32E+00	8.01E-06	2.70E-03	5.99E-03	0.00E+00	-6.91E-04	8.10E-10	3.11E-08	2.73E-02	1.22E+00	0.00E+00	0.00E+00	3.49E+00	8.92E-03	5.84E+00	0.00E+00	4.64E-08	2.40E-08	1.50E-03	2.74E-07	6.18E-01	0.00E+00	5.84E+00	9.39E-07	5.84E+00	6.46E+00	6.18E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
MDN416P	5.49E-03	7.76E-01	2.70E-02	7.40E-01	2.87E-12	0.00E+00	4.32E+00	8.00E-06	3.15E-03	6.98E-03	0.00E+00	-6.95E-04	8.10E-10	3.56E-08	2.73E-02	1.31E+00	0.00E+00	0.00E+00	3.49E+00	8.93E-03	5.86E+00	0.00E+00	4.64E-08	2.52E-08	2.00E-03	2.78E-07	6.21E-01	0.00E+00	5.86E+00	9.66E-07	5.86E+00	6.48E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
MDN420P	5.50E-03	7.76E-01	2.59E-02	7.51E-01	2.87E-12	0.00E+00	4.33E+00	8.02E-06	3.12E-03	6.95E-03	0.00E+00	-6.96E-04	8.13E-10	3.57E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.50E+00	8.93E-03	5.90E+00	0.00E+00	4.69E-08	2.51E-08	2.01E-03	2.82E-07	6.22E-01	0.00E+00	5.90E+00	9.69E-07	5.90E+00	6.51E+00	6.22E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MDN425P	6.09E-03	7.99E-01	2.60E-02	7.71E-01	2.87E-12	0.00E+00	4.40E+00	8.10E-06	3.42E-03	7.08E-03	0.00E+00	-6.16E-04	8.30E-10	3.96E-08	2.76E-02	1.47E+00	0.00E+00	0.00E+00	3.78E+00	7.68E-03	6.21E+00	0.00E+00	4.99E-08	2.70E-08	2.07E-03	2.40E-07	6.71E-01	0.00E+00	6.21E+00	1.25E-06	6.21E+00	6.85E+00	6.71E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MDN432P	6.61E-03	8.00E-01	2.94E-02	7.71E-01	2.87E-12	0.00E+00	4.54E+00	8.16E-06	3.83E-03	7.12E-03	0.00E+00	-5.99E-04	9.09E-10	4.48E-08	2.95E-02	1.54E+00	0.00E+00	0.00E+00	3.87E+00	7.78E-03	6.28E+00	0.00E+00	5.05E-08	2.76E-08	2.07E-03	2.45E-07	6.87E-01	0.00E+00	6.28E+00	1.25E-06	6.28E+00	6.94E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
MDN440P	6.90E-03	8.02E-01	2.97E-02	7.71E-01	2.87E-12	0.00E+00	4.55E+00	8.21E-06	3.94E-03	7.12E-03	0.00E+00	-6.48E-04	9.11E-10	4.53E-08	2.95E-02	1.55E+00	0.00E+00	0.00E+00	3.88E+00	8.23E-03	6.30E+00	0.00E+00	5.08E-08	2.77E-08	2.08E-03	2.50E-07	6.88E-01	0.00E+00	6.30E+00	1.26E-06	6.30E+00	6.94E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
MDN450P	6.10E-03	7.73E-01	2.61E-02	7.39E-01	2.87E-12	0.00E+00	4.43E+00	8.06E-06	3.48E-03	6.97E-03	0.00E+00	-6.86E-04	8.47E-10	3.91E-08	2.78E-02	1.33E+00	0.00E+00	0.00E+00	3.56E+00	7.46E-03	6.10E+00	0.00E+00	4.74E-08	2.58E-08	2.02E-03	2.59E-07	6.38E-01	0.00E+00	6.10E+00	9.71E-07	6.10E+00	6.72E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
MDN463P	6.43E-03	7.77E-01	2.99E-02	7.39E-01	2.87E-12	0.00E+00	4.58E+00	8.10E-06	3.74E-03	6.98E-03	0.00E+00	-6.86E-04	9.18E-10	4.21E-08	2.96E-02	1.39E+00	0.00E+00	0.00E+00	3.61E+00	7.45E-03	6.17E+00	0.00E+00	4.78E-08	2.61E-08	2.03E-03	2.59E-07	6.53E-01	0.00E+00	6.17E+00	9.72E-07	6.17E+00	6.80E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MDN463R	6.49E-03	8.00E-01	2.62E-02	7.68E-01	2.87E-12	0.00E+00	4.55E+00	8.58E-06	3.77E-03	7.13E-03	0.00E+00	-7.54E-04	8.55E-10	4.10E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.88E-03	6.30E+00	0.00E+00	5.08E-08	2.74E-08	2.07E-03	2.89E-07	6.88E-01	0.00E+00	6.30E+00	9.35E-07	6.30E+00	6.99E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
MDU106P	6.33E-04	1.32E-01	4.24E-03	1.25E-01	2.87E-12	0.00E+00	7.53E-01	1.73E-06	2.70E-04	1.18E-03	0.00E+00	-1.54E-04	1.23E-10	3.23E-09	4.71E-03	1.90E-01	0.00E+00	0.00E+00	5.52E-01	3.19E-03	1.20E+00	0.00E+00	8.96E-09	4.15E-09	3.22E-04	9.04E-08	9.94E-02	0.00E+00	1.20E+00	5.23E-07	1.20E+00	1.29E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MDU110P	6.33E-04	1.32E-01	4.21E-03	1.26E-01	2.87E-12	0.00E+00	7.50E-01	1.72E-06	2.69E-04	1.19E-03	0.00E+00	-1.51E-04	1.21E-10	3.26E-09	4.69E-03	1.86E-01	0.00E+00	0.00E+00	5.47E-01	3.02E-03	1.20E+00	0.00E+00	8.98E-09	4.11E-09	3.21E-04	7.69E-08	9.84E-02	0.00E+00	1.20E+00	4.70E-07	1.20E+00	1.29E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
MDU116P	9.08E-04	1.46E-01	5.67E-03	1.39E-01	2.87E-12	0.00E+00	9.35E-01	1.96E-06	4.38E-04	1.40E-03	0.00E+00	-1.73E-04	1.79E-10	5.18E-09	6.18E-03	2.79E-01	0.00E+00	0.00E+00	7.58E-01	3.14E-03	1.45E+00	0.00E+00	1.13E-08	5.63E-09	4.05E-04	7.88E-08	1.35E-01	0.00E+00	1.45E+00	4.70E-07	1.45E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MDU120P	9.38E-04	1.44E-01	6.11E-03	1.35E-01	2.87E-12	0.00E+00	9.84E-01	2.01E-06	4.57E-04	1.39E-03	0.00E+00	-1.55E-04	1.84E-10	5.68E-09	6.33E-03	2.82E-01	0.00E+00	0.00E+00	7.83E-01	2.68E-03	1.47E+00	0.00E+00	1.13E-08	5.64E-09	4.09E-04	7.41E-08	1.37E-01	0.00E+00	1.47E+00	4.77E-07	1.47E+00	1.59E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
MDU125P	6.59E-04	1.32E-01	4.36E-03	1.26E-01	2.87E-12	0.00E+00	7.50E-01	1.74E-06	2.74E-04	1.19E-03	0.00E+00	-1.50E-04	1.25E-10	3.33E-09	4.69E-03	1.90E-01	0.00E+00	0.00E+00	5.63E-01	3.17E-03	1.21E+00	0.00E+00	8.96E-09	4.16E-09	3.23E-04	9.24E-08	9.95E-02	0.00E+00	1.21E+00	5.26E-07	1.21E+00	1.29E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	1.96E+01
MDU132P	1.12E-03	1.38E-01	4.91E-03	1.31E-01	2.87E-12	0.00E+00	7.44E-01	1.70E-06	7.48E-04	1.20E-03	0.00E+00	-1.46E-04	1.26E-10	7.62E-09	4.69E-03	2.12E-01	0.00E+00	0.00E+00	5.92E-01	3.24E-03	1.21E+00	0.00E+00	8.90E-09	4.25E-09	3.24E-04	9.09E-08	1.05E-01	0.00E+00	1.21E+00	5.27E-07	1.21E+00	1.28E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU140P	1.18E-03	1.38E-01	4.89E-03	1.31E-01	2.87E-12	0.00E+00	7.44E-01	1.70E-06	7.54E-04	1.20E-03	0.00E+00	-1.46E-04	1.26E-10	7.75E-09	4.69E-03	2.12E-01	0.00E+00	0.00E+00	5.94E-01	3.12E-03	1.21E+00	0.00E+00	8.90E-09	4.25E-09	3.24E-04	8.57E-08	1.05E-01	0.00E+00	1.21E+00	5.28E-07	1.21E+00	1.28E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU150P	1.17E-03	1.58E-01	5.27E-03	1.53E-01	2.87E-12	0.00E+00	9.26E-01	1.70E-06	6.81E-04	1.41E-03	0.00E+00	-1.04E-04	1.72E-10	7.80E-09	5.82E-03	2.86E-01	0.00E+00	0.00E+00	7.73E-01	1.58E-03	1.27E+00	0.00E+00	1.03E-08	5.52E-09	3.87E-04	5.01E-08	1.36E-01	0.00E+00	1.27E+00	2.25E-07	1.27E+00	1.40E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
MDU163P	1.48E-03	1.58E-01	5.28E-03	1.53E-01	2.87E-12	0.00E+00	9.28E-01	1.72E-06	1.02E-03	1.41E-03	0.00E+00	-1.11E-04	1.74E-10	1.08E-08	5.83E-03	2.99E-01	0.00E+00	0.00E+00	7.95E-01	1.65E-03	1.27E+00	0.00E+00	1.04E-08	5.59E-09	3.87E-04	5.12E-08	1.41E-01	0.00E+00	1.27E+00	2.25E-07	1.27E+00	1.40E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MDU206P	6.62E-04	1.46E-01	4.08E-03	1.37E-01	2.87E-12	0.00E+00	7.46E-01	1.73E-06	2.73E-04	1.21E-03	0.00E+00	-1.62E-04	1.27E-10	3.23E-09	4.79E-03	1.89E-01	0.00E+00	0.00E+00	5.52E-01	3.12E-03	1.21E+00	0.00E+00	9.08E-09	4.15E-09	3.23E-04	8.74E-08	9.90E-02	0.00E+00	1.21E+00	5.15E-07	1.21E+00	1.31E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MDU210P	1.07E-03	1.45E-01	4.16E-03	1.36E-01	2.87E-12	0.00E+00	7.46E-01	1.72E-06	6.51E-04	1.21E-03	0.00E+00	-1.62E-04	1.26E-10	6.99E-09	4.77E-03	2.05E-01	0.00E+00	0.00E+00	5.93E-01	3.07E-03	1.22E+00	0.00E+00	9.10E-09	4.23E-09	3.23E-04	7.75E-08	1.04E-01	0.00E+00	1.22E+00	4.55E-07	1.22E+00	1.31E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
MDU216P	1.13E-03	1.45E-01	4.41E-03	1.36E-01	2.87E-12	0.00E+00	7.46E-01	1.72E-06	6.47E-04	1.21E-03	0.00E+00	-1.62E-04	1.26E-10	7.50E-09	4.78E-03	2.11E-01	0.00E+00	0.00E+00	5.99E-01	3.10E-03	1.22E+00	0.00E+00	9.11E-09	4.23E-09	3.23E-04	7.76E-08	1.05E-01	0.00E+00	1.22E+00	4.55E-07	1.22E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MDU220P	1.24E-03	1.45E-01	4.67E-03	1.36E-01	2.87E-12	0.00E+00	7.46E-01	1.72E-06	6.83E-04	1.21E-03	0.00E+00	-1.64E-04	1.26E-10	8.11E-09	4.77E-03	2.11E-01	0.00E+00	0.00E+00	5.97E-01	2.75E-03	1.22E+00	0.00E+00	9.10E-09	4.23E-09	3.23E-04	7.48E-08	1.05E-01	0.00E+00	1.22E+00	4.54E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU225P	1.48E-03	1.46E-01	4.81E-03	1.37E-01	2.87E-12	0.00E+00	7.47E-01	1.73E-06	1.10E-03	1.21E-03	0.00E+00	-1.64E-04	1.26E-10	1.11E-08	4.78E-03	2.14E-01	0.00E+00	0.00E+00	6.00E-01	3.08E-03	1.22E+00	0.00E+00	9.07E-09	4.27E-09	3.24E-04	8.85E-08	1.05E-01	0.00E+00	1.22E+00	5.17E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MDU232P	1.48E-03	1.51E-01	4.81E-03	1.41E-01	2.87E-12	0.00E+00	7.39E-01	1.68E-06	1.08E-03	1.22E-03	0.00E+00	-1.62E-04	1.26E-10	1.11E-08	4.78E-03	2.14E-01	0.00E+00	0.00E+00	5.97E-01	3.10E-03	1.22E+00	0.00E+00	9.01E-09	4.25E-09	3.24E-04	8.73E-08	1.05E-01	0.00E+00	1.22E+00	5.19E-07	1.22E+00	1.30E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MDU240P	1.48E-03	1.51E-01	4.81E-03	1.41E-01	2.87E-12	0.00E+00	7.39E-01	1.68E-06	1.27E-03	1.22E-03	0.00E+00	-2.06E-04	1.26E-10	1.16E-08	4.78E-03	2.14E-01	0.00E+00	0.00E+00	5.97E-01	3.60E-03	1.22E+00	0.00E+00	9.01E-09	4.25E-09	3.24E-04	1.02E-07	1.05E-01	0.00E+00	1.22E+00	5.19E-07	1.22E+00	1.30E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MDU250P	1.60E-03	1.57E-01	4.78E-03	1.48E-01	2.87E-12	0.00E+00	7.32E-01	1.61E-06	1.35E-03	1.23E-03	0.00E+00	-2.10E-04	1.24E-10	1.27E-08	4.77E-03	2.06E-01	0.00E+00	0.00E+00	5.82E-01	1.67E-03	1.19E+00	0.00E+00	8.89E-09	4.17E-09	3.17E-04	9.60E-08	1.05E-01	0.00E+00	1.19E+00	3.50E-07	1.19E+00	1.26E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
MDU263P	4.47E-03	1.57E-01	4.83E-03	1.48E-01	2.87E-12	0.00E+00	7.32E-01	1.61E-06	2.53E-03	1.23E-03	0.00E+00	-2.15E-04	1.24E-10	2.88E-08	4.77E-03	2.06E-01	0.00E+00	0.00E+00	5.82E-01	1.71E-03	1.19E+00	0.00E+00	8.89E-09	4.17E-09	3.17E-04	1.28E-07	1.05E-01	0.00E+00	1.19E+00	3.50E-07	1.19E+00	1.26E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
MDU306P	1.05E-03	1.46E-01	4.44E-03	1.36E-01	2.87E-12	0.00E+00	7.47E-01	1.73E-06	7.12E-04	1.21E-03	0.00E+00	-1.87E-04	1.27E-10	7.53E-09	4.78E-03	2.07E-01	0.00E+00	0.00E+00	5.95E-01	3.16E-03	1.22E+00	0.00E+00	9.09E-09	4.27E-09	3.24E-04	8.83E-08	1.04E-01	0.00E+00	1.22E+00	5.14E-07	1.22E+00	1.32E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU310P	2.54E-03	4.25E-01	2.51E-02	4.17E-01	2.87E-12	0.00E+00	2.74E+00	5.32E-06	1.14E-03	3.98E-03	0.00E+00	-3.05E-04	4.79E-10	1.31E-08	1.83E-02	7.05E-01	0.00E+00	0.00E+00	2.03E+00	4.26E-03	3.77E+00	0.00E+00	3.01E-08	1.46E-08	1.11E-03	1.24E-07	3.60E-01	0.00E+00	3.77E+00	4.03E-07	3.77E+00	4.10E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MDU316P	1.43E-03	1.45E-01	4.45E-03	1.36E-01	2.87E-12	0.00E+00	7.46E-01	1.73E-06	1.03E-03	1.21E-03	0.00E+00	-1.91E-04	1.27E-10	1.05E-08	4.78E-03	2.09E-01	0.00E+00	0.00E+00	5.97E-01	3.17E-03	1.23E+00	0.00E+00	9.12E-09	4.23E-09	3.23E-04	9.12E-08	1.04E-01	0.00E+00	1.23E+00	4.55E-07	1.23E+00	1.32E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
MDU320P	1.45E-03	1.45E-01	4.72E-03	1.36E-01	2.87E-12	0.00E+00	7.47E-01	1.72E-06	1.07E-03	1.21E-03	0.00E+00	-1.92E-04	1.27E-10	1.08E-08	4.77E-03	2.09E-01	0.00E+00	0.00E+00	5.95E-01	2.89E-03	1.22E+00	0.00E+00	9.11E-09	4.23E-09	3.23E-04	8.87E-08	1.04E-01	0.00E+00	1.22E+00	4.54E-07	1.22E+00	1.32E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU325P	3.12E-03	3.80E-01	1.84E-02	3.64E-01	2.87E-12	0.00E+00	3.07E+00	7.23E-06	1.47E-03	3.98E-03	0.00E+00	-4.41E-04	5.42E-10	1.78E-08	2.30E-02	9.52E-01	0.00E+00	0.00E+00	2.76E+00	5.59E-03	5.66E+00	0.00E+00	4.35E-08	2.12E-08	1.23E-03	1.66E-07	4.82E-01	0.00E+00	5.66E+00	1.81E-06	5.66E+00	6.12E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	9.92E+01
MDU332P	4.34E-03	1.51E-01	5.04E-03	1.41E-01	2.87E-12	0.00E+00	7.39E-01	1.68E-06	2.31E-03	1.22E-03	0.00E+00	-2.35E-04	1.27E-10	2.68E-08	4.78E-03	2.10E-01	0.00E+00	0.00E+00	5.87E-01	3.71E-03	1.22E+00	0.00E+00	9.03E-09	4.25E-09	3.24E-04	1.21E-07	1.05E-01	0.00E+00	1.22E+00	5.19E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU340P	4.40E-03	1.51E-01	5.04E-03	1.40E-01	2.87E-12	0.00E+00	7.46E-01	1.69E-06	2.40E-03	1.22E-03	0.00E+00	-2.52E-04	1.29E-10	2.79E-08	4.80E-03	2.10E-01	0.00E+00	0.00E+00	5.92E-01	3.95E-03	1.22E+00	0.00E+00	9.03E-09	4.25E-09	3.24E-04	1.28E-07	1.05E-01	0.00E+00	1.22E+00	5.23E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU350P	4.49E-03	1.58E-01	4.85E-03	1.48E-01	2.87E-12	0.00E+00	7.32E-01	1.60E-06	2.57E-03	1.23E-03	0.00E+00	-2.42E-04	1.25E-10	2.93E-08	4.77E-03	2.03E-01	0.00E+00	0.00E+00	5.81E-01	1.72E-03	1.20E+00	0.00E+00	8.90E-09	4.17E-09	3.17E-04	1.30E-07	1.04E-01	0.00E+00	1.20E+00	3.50E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU363P	4.50E-03	1.58E-01	4.85E-03	1.48E-01	2.87E-12	0.00E+00	7.32E-01	1.60E-06	2.57E-03	1.23E-03	0.00E+00	-2.42E-04	1.25E-10	2.95E-08	4.77E-03	2.03E-01	0.00E+00	0.00E+00	5.81E-01	1.72E-03	1.20E+00	0.00E+00	8.90E-09	4.17E-09	3.17E-04	1.29E-07	1.04E-01	0.00E+00	1.20E+00	3.50E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU406P	1.20E-03	1.48E-01	5.44E-03	1.38E-01	2.87E-12	0.00E+00	7.53E-01	1.74E-06	7.28E-04	1.23E-03	0.00E+00	-1.96E-04	1.66E-10	8.10E-09	4.80E-03	2.11E-01	0.00E+00	0.00E+00	6.02E-01	3.17E-03	1.23E+00	0.00E+00	9.11E-09	4.27E-09	3.24E-04	8.88E-08	1.05E-01	0.00E+00	1.23E+00	5.11E-07	1.23E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MDU410P	1.45E-03	1.48E-01	5.61E-03	1.38E-01	2.87E-12	0.00E+00	7.53E-01	1.73E-06	1.07E-03	1.23E-03	0.00E+00	-1.98E-04	1.68E-10	1.08E-08	4.79E-03	2.09E-01	0.00E+00	0.00E+00	5.98E-01	3.16E-03	1.23E+00	0.00E+00	9.13E-09	4.23E-09	3.23E-04	9.02E-08	1.05E-01	0.00E+00	1.23E+00	4.53E-07	1.23E+00	1.33E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU416P	1.56E-03	1.48E-01	5.83E-03	1.38E-01	2.87E-12	0.00E+00	7.53E-01	1.73E-06	1.28E-03	1.23E-03	0.00E+00	-2.22E-04	1.67E-10	1.21E-08	4.79E-03	2.08E-01	0.00E+00	0.00E+00	5.90E-01	3.36E-03	1.23E+00	0.00E+00	9.13E-09	4.23E-09	3.23E-04	9.04E-08	1.05E-01	0.00E+00	1.23E+00	4.53E-07	1.23E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU420P	5.21E-03	5.48E-01	2.23E-02	5.14E-01	2.87E-12	0.00E+00	3.82E+00	7.36E-06	2.87E-03	4.92E-03	0.00E+00	-5.93E-04	6.87E-10	3.21E-08	2.44E-02	1.17E+00	0.00E+00	0.00E+00	3.20E+00	6.15E-03	5.59E+00	0.00E+00	4.45E-08	2.34E-08	1.53E-03	2.02E-07	5.61E-01	0.00E+00	5.59E+00	9.53E-07	5.59E+00	6.25E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MDU425P	4.40E-03	1.48E-01	6.35E-03	1.38E-01	2.87E-12	0.00E+00	7.53E-01	1.74E-06	2.44E-03	1.23E-03	0.00E+00	-2.39E-04	1.67E-10	2.73E-08	4.80E-03	2.10E-01	0.00E+00	0.00E+00	5.94E-01	3.69E-03	1.23E+00	0.00E+00	9.10E-09	4.27E-09	3.24E-04	1.26E-07	1.05E-01	0.00E+00	1.23E+00	5.15E-07	1.23E+00	1.32E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU432P	4.40E-03	1.54E-01	6.34E-03	1.42E-01	2.87E-12	0.00E+00	7.46E-01	1.69E-06	2.41E-03	1.24E-03	0.00E+00	-2.38E-04	1.67E-10	2.73E-08	4.80E-03	2.10E-01	0.00E+00	0.00E+00	5.91E-01	3.68E-03	1.22E+00	0.00E+00	9.04E-09	4.25E-09	3.24E-04	1.23E-07	1.05E-01	0.00E+00	1.22E+00	5.17E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU440P	4.41E-03	1.54E-01	6.35E-03	1.42E-01	2.87E-12	0.00E+00	7.46E-01	1.70E-06	2.40E-03	1.24E-03	0.00E+00	-2.49E-04	1.67E-10	2.79E-08	4.80E-03	2.10E-01	0.00E+00	0.00E+00	5.92E-01	4.02E-03	1.22E+00	0.00E+00	9.04E-09	4.25E-09	3.24E-04	1.28E-07	1.05E-01	0.00E+00	1.22E+00	5.21E-07	1.22E+00	1.31E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MDU450P	4.48E-03	1.60E-01	6.20E-03	1.50E-01	2.87E-12	0.00E+00	7.32E-01	1.60E-06	2.57E-03	1.25E-03	0.00E+00	-2.43E-04	1.65E-10	2.95E-08	4.78E-03	2.03E-01	0.00E+00	0.00E+00	5.81E-01	1.78E-03	1.20E+00	0.00E+00	8.91E-09	4.17E-09	3.17E-04	1.29E-07	1.04E-01	0.00E+00	1.20E+00	3.50E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDU463P	4.48E-03	1.60E-01	6.20E-03	1.50E-01	2.87E-12	0.00E+00	7.32E-01	1.60E-06	2.58E-03	1.25E-03	0.00E+00	-2.43E-04	1.65E-10	2.95E-08	4.78E-03	2.03E-01	0.00E+00	0.00E+00	5.81E-01	1.78E-03	1.20E+00	0.00E+00	8.91E-09	4.17E-09	3.17E-04	1.30E-07	1.04E-01	0.00E+00	1.20E+00	3.50E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MDX106P	8.85E-04	1.38E-01	6.02E-03	1.35E-01	2.87E-12	0.00E+00	9.48E-01	1.98E-06	3.96E-04	1.38E-03	0.00E+00	-1.68E-04	1.78E-10	4.78E-09	6.46E-03	2.87E-01	0.00E+00	0.00E+00	8.09E-01	2.97E-03	1.50E+00	0.00E+00	1.22E-08	6.42E-09	4.14E-04	9.19E-08	1.42E-01	0.00E+00	1.50E+00	5.17E-07	1.50E+00	1.67E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MDX110P	8.79E-04	1.41E-01	5.57E-03	1.39E-01	2.87E-12	0.00E+00	9.30E-01	1.88E-06	4.02E-04	1.39E-03	0.00E+00	-1.65E-04	1.76E-10	4.85E-09	6.02E-03	2.80E-01	0.00E+00	0.00E+00	7.49E-01	3.04E-03	1.42E+00	0.00E+00	1.10E-08	5.59E-09	4.04E-04	9.13E-08	1.34E-01	0.00E+00	1.42E+00	4.90E-07	1.42E+00	1.56E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MDX116P	9.03E-04	1.41E-01	5.70E-03	1.38E-01	2.87E-12	0.00E+00	9.53E-01	1.93E-06	4.14E-04	1.39E-03	0.00E+00	-1.41E-04	1.79E-10	4.91E-09	6.21E-03	2.82E-01	0.00E+00	0.00E+00	7.65E-01	3.04E-03	1.43E+00	0.00E+00	1.11E-08	5.64E-09	4.05E-04	9.16E-08	1.35E-01	0.00E+00	1.43E+00	4.90E-07	1.43E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MDX120P	9.13E-04	1.37E-01	5.84E-03	1.34E-01	2.87E-12	0.00E+00	9.69E-01	1.95E-06	4.35E-04	1.38E-03	0.00E+00	-1.63E-04	1.83E-10	5.32E-09	6.27E-03	2.82E-01	0.00E+00	0.00E+00	7.76E-01	2.69E-03	1.44E+00	0.00E+00	1.12E-08	5.65E-09	4.12E-04	8.93E-08	1.36E-01	0.00E+00	1.44E+00	4.96E-07	1.44E+00	1.59E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MDX125P	9.53E-04	1.37E-01	6.79E-03	1.34E-01	2.87E-12	0.00E+00	1.04E+00	2.39E-06	4.45E-04	1.38E-03	0.00E+00	-1.62E-04	2.00E-10	5.64E-09	7.49E-03	3.05E-01	0.00E+00	0.00E+00	9.05E-01	2.85E-03	1.87E+00	0.00E+00	1.49E-08	7.52E-09	4.20E-04	9.54E-08	1.54E-01	0.00E+00	1.87E+00	5.32E-07	1.87E+00	2.08E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MDX132P	1.39E-03	1.40E-01	7.24E-03	1.37E-01	2.87E-12	0.00E+00	1.10E+00	2.48E-06	7.31E-04	1.42E-03	0.00E+00	-1.61E-04	1.97E-10	8.27E-09	7.77E-03	3.60E-01	0.00E+00	0.00E+00	9.85E-01	3.22E-03	1.93E+00	0.00E+00	1.52E-08	7.77E-09	4.48E-04	1.03E-07	1.69E-01	0.00E+00	1.93E+00	5.36E-07	1.93E+00	2.15E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MDX140P	1.37E-03	1.38E-01	7.11E-03	1.37E-01	2.87E-12	0.00E+00	1.10E+00	2.45E-06	7.15E-04	1.41E-03	0.00E+00	-1.61E-04	1.94E-10	8.12E-09	7.68E-03	3.58E-01	0.00E+00	0.00E+00	9.81E-01	3.13E-03	1.91E+00	0.00E+00	1.51E-08	7.77E-09	4.43E-04	9.71E-08	1.69E-01	0.00E+00	1.91E+00	5.36E-07	1.91E+00	2.13E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.52E+01
MFN701	9.50E-04	1.97E-01	5.19E-03	1.92E-01	0.00E+00	0.00E+00	8.74E-01	1.59E-06	4.55E-04	1.70E-03	0.00E+00	-1.34E-04	1.68E-10	5.22E-09	5.97E-03	2.58E-01	0.00E+00	0.00E+00	7.07E-01	1.79E-03	1.31E+00	0.00E+00	1.10E-08	5.50E-09	4.41E-04	5.71E-08	1.26E-01	0.00E+00	1.31E+00	2.41E-07	1.31E+00	1.44E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MFN702	7.28E-04	1.91E-01	4.67E-03	1.86E-01	0.00E+00	0.00E+00	7.94E-01	1.48E-06	2.99E-04	1.63E-03	0.00E+00	-1.31E-04	1.62E-10	3.41E-09	5.51E-03	2.21E-01	0.00E+00	0.00E+00	6.46E-01	1.75E-03	1.21E+00	0.00E+00	9.98E-09	4.97E-09	4.10E-04	5.53E-08	1.14E-01	0.00E+00	1.21E+00	2.44E-07	1.21E+00	1.32E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MFN706	9.05E-04	1.72E-01	5.16E-03	1.67E-01	2.87E-12	0.00E+00	8.72E-01	1.57E-06	5.10E-04	1.50E-03	0.00E+00	6.82E-05	1.63E-10	5.22E-09	5.78E-03	2.47E-01	0.00E+00	0.00E+00	6.89E-01	1.21E-03	1.23E+00	0.00E+00	1.01E-08	5.07E-09	3.99E-04	5.93E-08	1.22E-01	0.00E+00	1.23E+00	2.35E-07	1.23E+00	1.36E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MFN706A	8.64E-04	1.71E-01	5.42E-03	1.65E-01	2.87E-12	0.00E+00	9.13E-01	1.69E-06	3.76E-04	1.52E-03	0.00E+00	-8.78E-05	2.37E-10	4.76E-09	5.88E-03	2.54E-01	0.00E+00	0.00E+00	7.12E-01	1.61E-03	1.28E+00	0.00E+00	1.03E-08	5.31E-09	3.98E-04	5.15E-08	1.26E-01	0.00E+00	1.28E+00	2.28E-07	1.28E+00	1.40E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MFN710	8.99E-04	1.72E-01	5.12E-03	1.67E-01	7.42E-10	0.00E+00	8.80E-01	1.57E-06	4.43E-04	1.49E-03	0.00E+00	6.75E-04	1.59E-10	5.05E-09	5.81E-03	2.43E-01	0.00E+00	0.00E+00	6.78E-01	1.34E-04	1.22E+00	0.00E+00	9.93E-09	5.02E-09	3.90E-04	7.21E-08	1.22E-01	0.00E+00	1.22E+00	2.38E-07	1.22E+00	1.35E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MFN710A	8.88E-04	1.71E-01	5.13E-03	1.64E-01	2.87E-12	0.00E+00	8.83E-01	1.65E-06	4.09E-04	1.49E-03	0.00E+00	-7.52E-05	2.33E-10	4.86E-09	5.76E-03	2.50E-01	0.00E+00	0.00E+00	7.02E-01	1.39E-03	1.26E+00	0.00E+00	1.02E-08	5.21E-09	3.94E-04	4.88E-08	1.25E-01	0.00E+00	1.26E+00	2.28E-07	1.26E+00	1.38E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MFN716	9.25E-04	1.73E-01	5.18E-03	1.67E-01	7.46E-10	0.00E+00	8.90E-01	1.59E-06	4.62E-04	1.49E-03	0.00E+00	6.76E-04	1.61E-10	5.26E-09	5.85E-03	2.48E-01	0.00E+00	0.00E+00	6.88E-01	1.34E-04	1.24E+00	0.00E+00	1.00E-08	5.08E-09	3.93E-04	7.24E-08	1.23E-01	0.00E+00	1.24E+00	2.38E-07	1.24E+00	1.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MFN716A	1.05E-03	1.71E-01	5.21E-03	1.64E-01	2.87E-12	0.00E+00	8.93E-01	1.65E-06	5.39E-04	1.50E-03	0.00E+00	-7.39E-05	2.35E-10	6.16E-09	5.75E-03	2.65E-01	0.00E+00	0.00E+00	7.28E-01	1.39E-03	1.26E+00	0.00E+00	1.02E-08	5.27E-09	3.97E-04	4.89E-08	1.28E-01	0.00E+00	1.26E+00	2.27E-07	1.26E+00	1.38E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MFN720	1.42E-03	1.79E-01	5.73E-03	1.73E-01	0.00E+00	0.00E+00	9.40E-01	1.71E-06	8.33E-04	1.58E-03	0.00E+00	-1.19E-04	1.82E-10	9.04E-09	5.86E-03	3.13E-01	0.00E+00	0.00E+00	8.05E-01	1.59E-03	1.31E+00	0.00E+00	1.07E-08	5.82E-09	4.42E-04	5.11E-08	1.42E-01	0.00E+00	1.31E+00	2.04E-07	1.31E+00	1.46E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MFN720A	4.75E-03	9.98E-01	5.48E-02	9.36E-01	2.87E-12	0.00E+00	6.03E+00	1.20E-05	1.04E-03	8.91E-03	0.00E+00	-5.63E-04	1.27E-09	1.89E-08	3.93E-02	1.99E+00	1.83E-06	8.31E-06	4.79E+00	6.56E-03	8.08E+00	0.00E+00	6.90E-08	3.53E-08	2.32E-03	2.74E-07	8.77E-01	0.00E+00	8.08E+00	1.28E-06	8.08E+00	8.77E+00	8.77E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+02

MFN725	1.56E-03	1.75E-01	6.09E-03	1.69E-01	2.87E-12	0.00E+00	9.61E-01	1.78E-06	1.06E-03	1.55E-03	0.00E+00	-3.63E-05	1.86E-10	1.14E-08	5.98E-03	3.15E-01	0.00E+00	0.00E+00	7.93E-01	1.50E-03	1.32E+00	0.00E+00	1.06E-08	5.64E-09	4.38E-04	5.26E-08	1.41E-01	0.00E+00	1.32E+00	2.15E-07	1.32E+00	1.47E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MFN732	1.73E-03	1.85E-01	6.34E-03	1.79E-01	0.00E+00	0.00E+00	1.03E+00	1.85E-06	1.06E-03	1.66E-03	0.00E+00	-1.19E-04	1.99E-10	1.14E-08	6.21E-03	3.58E-01	0.00E+00	0.00E+00	8.97E-01	1.59E-03	1.41E+00	0.00E+00	1.15E-08	6.39E-09	4.78E-04	5.15E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
MFN910	1.21E-03	2.39E-01	6.06E-03	2.33E-01	0.00E+00	0.00E+00	1.00E+00	1.79E-06	6.07E-04	2.06E-03	0.00E+00	-1.27E-04	2.41E-10	6.66E-09	6.89E-03	3.08E-01	3.94E-05	0.00E+00	8.08E-01	2.05E-03	1.52E+00	0.00E+00	1.28E-08	6.49E-09	5.34E-04	8.47E-08	1.47E-01	0.00E+00	1.52E+00	2.67E-07	1.52E+00	1.67E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
MFN916	1.23E-03	2.39E-01	6.12E-03	2.33E-01	0.00E+00	0.00E+00	1.01E+00	1.81E-06	6.27E-04	2.06E-03	0.00E+00	-1.27E-04	2.43E-10	6.87E-09	6.94E-03	3.12E-01	3.94E-05	0.00E+00	8.17E-01	2.05E-03	1.53E+00	0.00E+00	1.28E-08	6.55E-09	5.37E-04	8.47E-08	1.48E-01	0.00E+00	1.53E+00	2.67E-07	1.53E+00	1.68E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MFN920	1.72E-03	2.46E-01	6.94E-03	2.39E-01	0.00E+00	0.00E+00	1.09E+00	1.92E-06	9.96E-04	2.14E-03	0.00E+00	-1.29E-04	2.65E-10	1.06E-08	7.18E-03	3.76E-01	3.94E-05	0.00E+00	9.32E-01	2.07E-03	1.62E+00	0.00E+00	1.35E-08	7.27E-09	5.83E-04	8.53E-08	1.68E-01	0.00E+00	1.62E+00	2.43E-07	1.62E+00	1.78E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MFN925	1.94E-03	2.49E-01	7.23E-03	2.42E-01	0.00E+00	0.00E+00	1.14E+00	2.00E-06	1.15E-03	2.18E-03	0.00E+00	-1.40E-04	2.26E-10	1.23E-08	7.29E-03	4.06E-01	0.00E+00	0.00E+00	9.95E-01	1.87E-03	1.66E+00	0.00E+00	1.39E-08	7.62E-09	6.04E-04	6.19E-08	1.78E-01	0.00E+00	1.66E+00	2.36E-07	1.66E+00	1.84E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
MFS701	1.30E-03	2.01E-01	6.50E-03	1.95E-01	0.00E+00	0.00E+00	8.71E-01	1.54E-06	7.26E-04	1.75E-03	0.00E+00	-2.45E-04	1.83E-10	8.01E-09	5.90E-03	2.96E-01	0.00E+00	0.00E+00	7.55E-01	3.25E-03	1.32E+00	0.00E+00	1.12E-08	5.91E-09	4.70E-04	9.24E-08	1.35E-01	0.00E+00	1.32E+00	1.97E-07	1.32E+00	1.46E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MFS702	1.08E-03	1.94E-01	5.98E-03	1.88E-01	0.00E+00	0.00E+00	7.87E-01	1.41E-06	5.69E-04	1.67E-03	0.00E+00	-2.45E-04	1.71E-10	6.19E-09	5.43E-03	2.59E-01	0.00E+00	0.00E+00	6.83E-01	3.25E-03	1.22E+00	0.00E+00	1.02E-08	5.35E-09	4.38E-04	9.15E-08	1.21E-01	0.00E+00	1.22E+00	1.97E-07	1.22E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
MFS706	1.48E-03	1.82E-01	6.69E-03	1.76E-01	0.00E+00	0.00E+00	9.25E-01	1.63E-06	8.84E-04	1.61E-03	0.00E+00	-2.34E-04	1.74E-10	9.70E-09	5.91E-03	3.18E-01	0.00E+00	0.00E+00	7.76E-01	3.11E-03	1.32E+00	0.00E+00	1.10E-08	5.91E-09	4.53E-04	8.83E-08	1.40E-01	0.00E+00	1.32E+00	1.71E-07	1.32E+00	1.46E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MFS710	1.24E-03	1.75E-01	6.14E-03	1.69E-01	0.00E+00	0.00E+00	8.40E-01	1.51E-06	7.10E-04	1.53E-03	0.00E+00	-2.32E-04	1.67E-10	7.79E-09	5.46E-03	2.80E-01	0.00E+00	0.00E+00	7.13E-01	3.07E-03	1.22E+00	0.00E+00	1.01E-08	5.38E-09	4.19E-04	8.65E-08	1.27E-01	0.00E+00	1.22E+00	1.77E-07	1.22E+00	1.35E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MFS716	1.27E-03	1.75E-01	6.20E-03	1.69E-01	0.00E+00	0.00E+00	8.50E-01	1.52E-06	7.29E-04	1.53E-03	0.00E+00	-2.32E-04	1.69E-10	7.99E-09	5.51E-03	2.84E-01	0.00E+00	0.00E+00	7.23E-01	3.07E-03	1.23E+00	0.00E+00	1.02E-08	5.44E-09	4.22E-04	8.66E-08	1.29E-01	0.00E+00	1.23E+00	1.77E-07	1.23E+00	1.36E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MFS720	1.70E-03	1.81E-01	6.95E-03	1.75E-01	0.00E+00	0.00E+00	9.27E-01	1.64E-06	1.06E-03	1.61E-03	0.00E+00	-2.33E-04	1.89E-10	1.13E-08	5.76E-03	3.42E-01	0.00E+00	0.00E+00	8.30E-01	3.09E-03	1.31E+00	0.00E+00	1.09E-08	6.11E-09	4.64E-04	8.72E-08	1.47E-01	0.00E+00	1.31E+00	1.61E-07	1.31E+00	1.46E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	3.06E+01
MFS725	1.89E-03	1.87E-01	6.65E-03	1.81E-01	0.00E+00	0.00E+00	1.06E+00	1.90E-06	1.18E-03	1.69E-03	0.00E+00	-1.19E-04	2.12E-10	1.28E-08	6.37E-03	3.82E-01	0.00E+00	0.00E+00	9.44E-01	1.59E-03	1.45E+00	0.00E+00	1.19E-08	6.70E-09	4.95E-04	5.17E-08	1.67E-01	0.00E+00	1.45E+00	1.95E-07	1.45E+00	1.62E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.48E+01
MFS732	1.99E-03	1.89E-01	6.85E-03	1.83E-01	0.00E+00	0.00E+00	1.09E+00	1.95E-06	1.25E-03	1.71E-03	0.00E+00	-1.19E-04	2.15E-10	1.35E-08	6.52E-03	3.97E-01	0.00E+00	0.00E+00	9.70E-01	1.59E-03	1.48E+00	0.00E+00	1.21E-08	6.88E-09	5.06E-04	5.19E-08	1.72E-01	0.00E+00	1.48E+00	1.93E-07	1.48E+00	1.66E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
MHN506	8.33E-04	1.67E-01	5.24E-03	1.62E-01	2.87E-12	0.00E+00	8.41E-01	1.55E-06	4.09E-04	1.44E-03	0.00E+00	-1.81E-04	1.57E-10	4.63E-09	5.44E-03	2.28E-01	0.00E+00	0.00E+00	6.71E-01	2.63E-03	1.19E+00	0.00E+00	9.64E-09	4.76E-09	3.75E-04	7.85E-08	1.18E-01	0.00E+00	1.19E+00	2.00E-07	1.19E+00	1.30E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MHN506A	9.42E-04	1.73E-01	5.85E-03	1.67E-01	2.87E-12	0.00E+00	8.86E-01	1.62E-06	4.85E-04	1.50E-03	0.00E+00	-1.29E-04	1.82E-10	5.48E-09	5.75E-03	2.54E-01	0.00E+00	0.00E+00	6.98E-01	1.69E-03	1.24E+00	0.00E+00	1.02E-08	5.13E-09	3.96E-04	5.96E-08	1.25E-01	0.00E+00	1.24E+00	2.05E-07	1.24E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MHN510	8.76E-04	1.67E-01	5.33E-03	1.61E-01	0.00E+00	0.00E+00	7.97E-01	1.46E-06	4.40E-04	1.44E-03	0.00E+00	-2.03E-04	1.48E-10	4.94E-09	5.30E-03	2.34E-01	0.00E+00	0.00E+00	6.32E-01	2.70E-03	1.15E+00	0.00E+00	9.42E-09	4.77E-09	3.78E-04	7.71E-08	1.13E-01	0.00E+00	1.15E+00	1.95E-07	1.15E+00	1.26E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
MHN510A	9.05E-04	1.70E-01	5.23E-03	1.64E-01	2.87E-12	0.00E+00	8.89E-01	1.62E-06	4.89E-04	1.46E-03	0.00E+00	-1.01E-04	1.61E-10	5.49E-09	5.73E-03	2.48E-01	0.00E+00	0.00E+00	6.92E-01	1.58E-03	1.23E+00	0.00E+00	9.92E-09	5.06E-09	3.87E-04	6.04E-08	1.22E-01	0.00E+00	1.23E+00	2.16E-07	1.23E+00	1.35E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
MHN516	9.10E-04	1.69E-01	5.40E-03	1.63E-01	0.00E+00	0.00E+00	8.11E-01	1.49E-06	4.63E-04	1.46E-03	0.00E+00	-2.00E-04	1.56E-10	5.19E-09	5.36E-03	2.40E-01	0.00E+00	0.00E+00	6.55E-01	2.66E-03	1.16E+00	0.00E+00	9.53E-09	4.87E-09	3.84E-04	7.63E-08	1.16E-01	0.00E+00	1.16E+00	1.98E-07	1.16E+00	1.28E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
MHN516A	9.32E-04	1.69E-01	5.26E-03	1.64E-01	2.87E-12	0.00E+00	8.71E-01	1.60E-06	4.78E-04	1.47E-03	0.00E+00	-1.22E-04	1.60E-10	5.45E-09	5.58E-03	2.46E-01	0.00E+00	0.00E+00	6.88E-01	1.65E-03	1.20E+00	0.00E+00	9.70E-09	4.97E-09	3.87E-04	5.96E-08	1.21E-01	0.00E+00	1.20E+00	2.18E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MHN520	1.44E-03	1.80E-01	6.72E-03	1.73E-01	0.00E+00	0.00E+00	9.64E-01	1.74E-06	8.52E-04	1.58E-03	0.00E+00	-2.31E-04	1.84E-10	9.29E-09	6.01E-03	3.19E-01	0.00E+00	0.00E+00	8.12E-01	3.06E-03	1.33E+00	0.00E+00	1.09E-08	5.87E-09	4.44E-04	8.70E-08	1.44E-01	0.00E+00	1.33E+00	1.88E-07	1.33E+00	1.48E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MHN520A	1.40E-03	1.84E-01	6.29E-03	1.78E-01	2.87E-12	0.00E+00	1.01E+00	1.84E-06	8.66E-04	1.63E-03	0.00E+00	-1.46E-04	1.95E-10	9.43E-09	6.27E-03	3.22E-01	0.00E+00	0.00E+00	8.31E-01	1.94E-03	1.37E+00	0.00E+00	1.11E-08	5.94E-09	4.50E-04	6.08E-08	1.49E-01	0.00E+00	1.37E+00	2.01E-07	1.37E+00	1.52E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MHN525	1.63E-03	1.83E-01	7.06E-03	1.76E-01	0.00E+00	0.00E+00	1.00E+00	1.81E-06	9.89E-04	1.62E-03	0.00E+00	-2.31E-04	1.96E-10	1.07E-08	6.17E-03	3.45E-01	0.00E+00	0.00E+00	8.67E-01	3.06E-03	1.38E+00	0.00E+00	1.12E-08	6.19E-09	4.64E-04	8.72E-08	1.53E-01	0.00E+00	1.38E+00	1.85E-07	1.38E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MHN525A	1.62E-03	1.86E-01	6.54E-03	1.80E-01	2.87E-12	0.00E+00	1.05E+00	1.90E-06	9.89E-04	1.65E-03	0.00E+00	-1.25E-04	2.05E-10	1.06E-08	6.38E-03	3.51E-01	0.00E+00	0.00E+00	9.02E-01	1.91E-03	1.41E+00	0.00E+00	1.15E-08	6.30E-09	4.71E-04	6.07E-08	1.59E-01	0.00E+00	1.41E+00	1.98E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
MHN532	1.72E-03	1.85E-01	7.25E-03	1.78E-01	0.00E+00	0.00E+00	1.04E+00	1.86E-06	1.06E-03	1.65E-03	0.00E+00	-2.31E-04	1.99E-10	1.14E-08	6.31E-03	3.59E-01	0.00E+00	0.00E+00	8.92E-01	3.06E-03	1.41E+00	0.00E+00	1.15E-08	6.37E-09	4.75E-04	8.74E-08	1.58E-01	0.00E+00	1.41E+00	1.83E-07	1.41E+00	1.57E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MHN532A	1.76E-03	1.86E-01	6.60E-03	1.80E-01	2.87E-12	0.00E+00	1.06E+00	1.90E-06	1.06E-03	1.65E-03	0.00E+00	-1.25E-04	2.06E-10	1.15E-08	6.40E-03	3.62E-01	0.00E+00	0.00E+00	9.10E-01	1.91E-03	1.42E+00	0.00E+00	1.16E-08	6.38E-09	4.76E-04	6.08E-08	1.61E-01	0.00E+00	1.42E+00	1.98E-07	1.42E+00	1.58E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MHN706	9.97E-04	1.84E-01	6.03E-03	1.78E-01	2.87E-12	0.00E+00	1.01E+00	1.68E-06	5.46E-04	1.62E-03	0.00E+00	-9.47E-05	1.98E-10	5.85E-09	6.10E-03	2.63E-01	0.00E+00	0.00E+00	7.46E-01	1.46E-03	1.30E+00	0.00E+00	1.08E-08	5.57E-09	4.20E-04	5.83E-08	1.34E-01	0.00E+00	1.30E+00	6.49E-07	1.30E+00	1.45E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
MHN710	9.51E-04	1.82E-01	5.40E-03	1.76E-01	2.87E-12	0.00E+00	9.37E-01	1.64E-06	4.68E-04	1.57E-03	0.00E+00	2.10E-04	1.74E-10	5.67E-09	5.93E-03	2.62E-01	0.00E+00	0.00E+00	7.34E-01	7.68E-04	1.28E+00	0.00E+00	1.05E-08	5.37E-09	4.11E-04	6.67E-08	1.32E-01	0.00E+00	1.28E+00	2.22E-07	1.28E+00	1.41E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MHS506	7.41E-04	1.66E-01	5.59E-03	1.61E-01	2.87E-12	0.00E+00	7.74E-01	1.41E-06	3.64E-04	1.41E-03	0.00E+00	-2.83E-04	1.53E-10	4.11E-09	5.12E-03	2.21E-01	0.00E+00	0.00E+00	6.38E-01	4.01E-03	1.12E+00	0.00E+00	9.26E-09	4.73E-09	3.67E-04	9.95E-08	1.14E-01	0.00E+00	1.12E+00	1.68E-07	1.12E+00	1.24E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
MHS510	7.44E-04	1.64E-01	5.48E-03	1.59E-01	2.87E-12	0.00E+00	7.71E-01	1.39E-06	3.65E-04	1.40E-03	0.00E+00	-3.04E-04	1.47E-10	4.12E-09	5.12E-03	2.22E-01	0.00E+00	0.00E+00	6.19E-01	4.09E-03	1.12E+00	0.00E+00	9.18E-09	4.60E-09	3.47E-04	1.07E-07	1.10E-01	0.00E+00	1.12E+00	1.67E-07	1.12E+00	1.23E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
MHS516	1.01E-03	1.69E-01	6.29E-03	1.62E-01	0.00E+00	0.00E+00	7.59E-01	1.37E-06	5.52E-04	1.45E-03	0.00E+00	-3.14E-04	1.53E-10	5.99E-09	5.07E-03	2.43E-01	0.00E+00	0.00E+00	6.34E-01	4.16E-03	1.11E+00	0.00E+00	9.19E-09	4.82E-09	3.86E-04	1.12E-07	1.13E-01	0.00E+00	1.11E+00	1.61E-07	1.11E+00	1.22E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MHT706	8.39E-04	1.86E-01	5.43E-03	1.81E-01	2.87E-12	0.00E+00	8.80E-01	1.63E-06	3.49E-04	1.62E-03	0.00E+00	-8.33E-05	1.86E-10	4.10E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	6.87E-01	1.14E-03	1.30E+00	0.00E+00	1.07E-08	5.29E-09	4.13E-04	4.24E-08	1.23E-01	0.00E+00	1.30E+00	3.02E-07	1.30E+00	1.43E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MHT710	8.51E-04	1.74E-01	4.70E-03	1.69E-01	2.87E-12	0.00E+00	8.91E-01	1.64E-06	3.85E-04	1.54E-03	0.00E+00	-8.20E-05	1.67E-10	4.49E-09	5.79E-03	2.47E-01	0.00E+00	0.00E+00	6.93E-01	1.10E-03	1.26E+00	0.00E+00	1.03E-08	5.27E-09	3.99E-04	4.22E-08	1.24E-01	0.00E+00	1.26E+00	2.57E-07	1.26E+00	1.39E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MHT716	9.86E-04	1.83E-01	5.57E-03	1.77E-01	2.87E-12	0.00E+00	9.01E-01	1.69E-06	4.71E-04	1.60E-03	0.00E+00	-8.01E-05	1.89E-10	5.42E-09	5.97E-03	2.63E-01	0.00E+00	0.00E+00	7.20E-01	1.09E-03	1.31E+00	0.00E+00	1.06E-08	5.41E-09	4.15E-04	4.22E-08	1.28E-01	0.00E+00	1.31E+00	2.64E-07	1.31E+00	1.43E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
MHT720	1.18E-03	1.87E-01	5.90E-03	1.82E-01	2.87E-12	0.00E+00	9.69E-01	1.81E-06	6.85E-04	1.66E-03	0.00E+00	-9.47E-05	2.00E-10	7.36E-09	6.27E-03	3.01E-01	0.00E+00	0.00E+00	8.02E-01	1.26E-03	1.39E+00	0.00E+00	1.12E-08	5.76E-09	4.34E-04	4.47E-08	1.44E-01	0.00E+00	1.39E+00	6.41E-07	1.39E+00	1.52E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
MHT725	1.23E-03	1.90E-01	6.30E-03	1.83E-01	2.87E-12	0.00E+00	1.00E+00	1.85E-06	8.34E-04	1.69E-03	0.00E+00	-9.41E-05	2.08E-10	8.49E-09	6.37E-03	3.19E-01	0.00E+00	0.00E+00	8.55E-01	1.29E-03	1.42E+00	0.00E+00	1.15E-08	6.20E-09	4.53E-04	4.50E-08	1.52E-01	0.00E+00	1.42E+00	6.33E-07	1.42E+00	1.55E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MHT732	1.32E-03	1.92E-01	6.38E-03	1.85E-01	2.87E-12	0.00E+00	1.04E+00	1.88E-06	8.66E-04	1.70E-03	0.00E+00	-9.90E-05	2.23E-10	8.99E-09	6.39E-03	3.31E-01	0.00E+00	0.00E+00	8.78E-01	1.27E-03	1.43E+00	0.00E+00	1.17E-08	6.35E-09	4.61E-04	4.49E-08	1.57E-01	0.00E+00	1.43E+00	6.28E-07	1.43E+00	1.57E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MHT740	1.50E-03	1.98E-01	7.19E-03	1.87E-01	2.87E-12	0.00E+00	1.08E+00	1.95E-06	9.53E-04	1.77E-03	0.00E+00	-1.14E-04	2.33E-10	1.01E-08	6.78E-03	3.42E-01	0.00E+00	0.00E+00	8.88E-01	1.40E-03	1.49E+00	0.00E+00	1.21E-08	6.54E-09	4.91E-04	5.06E-08	1.58E-01	0.00E+00	1.49E+00	6.30E-07	1.49E+00	1.65E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MJ506J	8.76E-04	1.68E-01	5.08E-03	1.62E-01	2.87E-12	0.00E+00	8.77E-01	1.60E-06	4.30E-04	1.45E-03	0.00E+00	-1.23E-04	1.58E-10	4.86E-09	5.67E-03	2.39E-01	0.00E+00	0.00E+00	6.83E-01	1.64E-03	1.21E+00	0.00E+00	9.81E-09	4.85E-09	3.83E-04	5.89E-08	1.20E-01	0.00E+00	1.21E+00	2.04E-07	1.21E+00	1.34E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MJ510J	8.66E-04	1.67E-01	5.15E-03	1.62E-01	2.87E-12	0.00E+00	8.66E-01	1.59E-06	4.21E-04	1.45E-03	0.00E+00	-1.23E-04	1.59E-10	4.83E-09	5.56E-03	2.39E-01	0.00E+00	0.00E+00	6.80E-01	1.63E-03	1.20E+00	0.00E+00	9.65E-09	4.84E-09	3.80E-04	5.94E-08	1.19E-01	0.00E+00	1.20E+00	2.16E-07	1.20E+00	1.32E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MJ516J	9.30E-04	1.69E-01	5.25E-03	1.64E-01	2.87E-12	0.00E+00	8.77E-01	1.61E-06	4.81E-04	1.47E-03	0.00E+00	-1.22E-04	1.61E-10	5.52E-09	5.70E-03	2.47E-01	0.00E+00	0.00E+00	6.90E-01	1.67E-03	1.21E+00	0.00E+00	9.79E-09	4.97E-09	3.88E-04	5.96E-08	1.21E-01	0.00E+00	1.21E+00	2.17E-07	1.21E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MJ520J	1.39E-03	1.85E-01	6.84E-03	1.78E-01	2.87E-12	0.00E+00	1.00E+00	1.81E-06	8.16E-04	1.64E-03	0.00E+00	-1.52E-04	2.13E-10	9.08E-09	6.32E-03	3.17E-01	0.00E+00	0.00E+00	8.22E-01	2.23E-03	1.37E+00	0.00E+00	1.11E-08	5.92E-09	4.48E-04	6.07E-08	1.49E-01	0.00E+00	1.37E+00	6.45E-07	1.37E+00	1.52E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
MJ525J	1.49E-03	1.86E-01	7.04E-03	1.80E-01	2.87E-12	0.00E+00	1.04E+00	1.87E-06	9.04E-04	1.66E-03	0.00E+00	-1.46E-04	2.20E-10	9.84E-09	6.44E-03	3.37E-01	0.00E+00	0.00E+00	8.56E-01	1.99E-03	1.40E+00	0.00E+00	1.14E-08	6.21E-09	4.65E-04	6.02E-08	1.55E-01	0.00E+00	1.40E+00	2.37E-07	1.40E+00	1.56E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.13E+01
MJ532J	1.66E-03	1.88E-01	7.18E-03	1.82E-01	2.87E-12	0.00E+00	1.08E+00	1.90E-06	1.03E-03	1.69E-03	0.00E+00	-1.52E-04	2.35E-10	1.09E-08	6.60E-03	3.51E-01	0.00E+00	0.00E+00	8.72E-01	2.23E-03	1.44E+00	0.00E+00	1.17E-08	6.39E-09	4.77E-04	6.06E-08	1.58E-01	0.00E+00	1.44E+00	6.34E-07	1.44E+00	1.60E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
MJ540J	1.77E-03	1.86E-01	6.71E-03	1.80E-01	2.87E-12	0.00E+00	1.08E+00	1.95E-06	1.06E-03	1.66E-03	0.00E+00	-1.25E-04	2.09E-10	1.17E-08	6.48E-03	3.67E-01	0.00E+00	0.00E+00	9.23E-01	1.90E-03	1.44E+00	0.00E+00	1.17E-08	6.47E-09	4.78E-04	6.02E-08	1.63E-01	0.00E+00	1.44E+00	1.98E-07	1.44E+00	1.61E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MJ706P	9.05E-04	1.67E-01	5.34E-03	1.58E-01	2.87E-12	0.00E+00	9.22E-01	1.74E-06	4.22E-04	1.49E-03	0.00E+00	-1.51E-04	2.41E-10	5.08E-09	5.83E-03	2.77E-01	0.00E+00	0.00E+00	7.37E-01	2.00E-03	1.35E+00	0.00E+00	1.07E-08	5.55E-09	4.07E-04	5.84E-08	1.33E-01	0.00E+00	1.35E+00	2.99E-07	1.35E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MJ710P	8.58E-04	1.63E-01	5.15E-03	1.56E-01	2.87E-12	0.00E+00	9.04E-01	1.81E-06	3.96E-04	1.43E-03	0.00E+00	-1.52E-04	2.36E-10	4.67E-09	5.68E-03	2.57E-01	0.00E+00	0.00E+00	7.08E-01	2.08E-03	1.31E+00	0.00E+00	1.01E-08	5.09E-09	3.84E-04	5.83E-08	1.25E-01	0.00E+00	1.31E+00	3.53E-07	1.31E+00	1.43E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MJ716P	1.11E-03	1.65E-01	5.32E-03	1.58E-01	2.87E-12	0.00E+00	9.31E-01	1.82E-06	6.02E-04	1.44E-03	0.00E+00	-1.26E-04	2.40E-10	6.73E-09	5.83E-03	2.72E-01	0.00E+00	0.00E+00	7.53E-01	2.08E-03	1.34E+00	0.00E+00	1.04E-08	5.19E-09	3.88E-04	5.82E-08	1.32E-01	0.00E+00	1.34E+00	3.53E-07	1.34E+00	1.47E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MJ720P	1.37E-03	1.72E-01	5.85E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.98E-06	6.23E-04	1.55E-03	0.00E+00	-1.56E-04	2.58E-10	7.91E-09	6.28E-03	3.35E-01	0.00E+00	0.00E+00	9.40E-01	2.11E-03	1.49E+00	0.00E+00	1.20E-08	7.04E-09	4.41E-04	5.90E-08	1.63E-01	0.00E+00	1.49E+00	3.85E-07	1.49E+00	1.66E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
MJ725P	1.64E-03	1.74E-01	6.03E-03	1.65E-01	2.87E-12	0.00E+00	1.11E+00	2.32E-06	1.03E-03	1.58E-03	0.00E+00	-1.54E-04	2.64E-10	1.10E-08	6.95E-03	3.50E-01	0.00E+00	0.00E+00	9.80E-01	2.07E-03	1.80E+00	0.00E+00	1.42E-08	7.64E-09	4.49E-04	5.92E-08	1.73E-01	0.00E+00	1.80E+00	3.31E-07	1.80E+00	2.01E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MJ732P	1.65E-03	1.74E-01	6.02E-03	1.65E-01	2.87E-12	0.00E+00	1.10E+00	2.35E-06	1.06E-03	1.58E-03	0.00E+00	-1.33E-04	2.65E-10	1.12E-08	6.98E-03	3.50E-01	0.00E+00	0.00E+00	9.87E-01	2.10E-03	1.80E+00	0.00E+00	1.42E-08	7.66E-09	4.52E-04	5.92E-08	1.73E-01	0.00E+00	1.80E+00	3.32E-07	1.80E+00	2.01E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
MJ740P	1.64E-03	1.75E-01	6.06E-03	1.65E-01	2.87E-12	0.00E+00	1.11E+00	2.33E-06	1.02E-03	1.59E-03	0.00E+00	-1.54E-04	2.66E-10	1.10E-08	7.03E-03	3.51E-01	0.00E+00	0.00E+00	9.82E-01	2.13E-03	1.80E+00	0.00E+00	1.43E-08	7.65E-09	4.54E-04	5.97E-08	1.74E-01	0.00E+00	1.80E+00	3.33E-07	1.80E+00	2.01E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MJN502	9.28E-04	1.75E-01	5.91E-03	1.69E-01	2.87E-12	0.00E+00	8.51E-01	1.58E-06	4.67E-04	1.53E-03	0.00E+00	-2.23E-04	1.86E-10	5.54E-09	5.78E-03	2.47E-01	1.83E-06	8.31E-06	6.76E-01	2.92E-03	1.24E+00	0.00E+00	1.02E-08	5.09E-09	3.93E-04	1.80E-07	1.21E-01	0.00E+00	1.24E+00	6.45E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
MJN502A	9.18E-04	1.76E-01	5.07E-03	1.71E-01	2.87E-12	0.00E+00	8.78E-01	1.65E-06	4.67E-04	1.54E-03	0.00E+00	-1.48E-04	1.65E-10	5.30E-09	5.77E-03	2.48E-01	0.00E+00	0.00E+00	6.88E-01	1.98E-03	1.26E+00	0.00E+00	1.04E-08	5.18E-09	4.05E-04	6.18E-08	1.24E-01	0.00E+00	1.26E+00	2.17E-07	1.26E+00	1.39E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
MJN504	9.24E-04	1.72E-01	5.22E-03	1.66E-01	2.87E-12	0.00E+00	8.54E-01	1.58E-06	4.73E-04	1.49E-03	0.00E+00	-1.94E-04	1.60E-10	5.27E-09	5.62E-03	2.43E-01	0.00E+00	0.00E+00	6.76E-01	2.77E-03	1.22E+00	0.00E+00	9.93E-09	5.06E-09	3.89E-04	8.04E-08	1.21E-01	0.00E+00	1.22E+00	2.04E-07	1.22E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MJN504A	9.28E-04	1.74E-01	5.21E-03	1.69E-01	2.87E-12	0.00E+00	8.99E-01	1.67E-06	4.73E-04	1.53E-03	0.00E+00	-1.24E-04	1.66E-10	5.32E-09	5.80E-03	2.49E-01	0.00E+00	0.00E+00	7.04E-01	1.92E-03	1.26E+00	0.00E+00	1.03E-08	5.14E-09	3.96E-04	6.16E-08	1.26E-01	0.00E+00	1.26E+00	2.15E-07	1.26E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MJN506	8.38E-04	1.67E-01	5.23E-03	1.61E-01	2.87E-12	0.00E+00	8.32E-01	1.53E-06	4.13E-04	1.43E-03	0.00E+00	-2.04E-04	1.56E-10	4.66E-09	5.37E-03	2.27E-01	0.00E+00	0.00E+00	6.63E-01	2.67E-03	1.17E+00	0.00E+00	9.55E-09	4.75E-09	3.74E-04	7.87E-08	1.17E-01	0.00E+00	1.17E+00	2.00E-07	1.17E+00	1.29E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MJN506A	9.87E-04	1.72E-01	5.01E-03	1.67E-01	0.00E+00	0.00E+00	8.72E-01	1.58E-06	5.17E-04	1.50E-03	0.00E+00	-1.21E-04	1.53E-10	5.81E-09	5.63E-03	2.55E-01	0.00E+00	0.00E+00	6.81E-01	1.61E-03	1.21E+00	0.00E+00	9.92E-09	5.05E-09	3.97E-04	5.14E-08	1.22E-01	0.00E+00	1.21E+00	1.98E-07	1.21E+00	1.33E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MJN510	8.80E-04	1.68E-01	5.34E-03	1.63E-01	0.00E+00	0.00E+00	8.00E-01	1.47E-06	4.41E-04	1.45E-03	0.00E+00	-2.00E-04	1.54E-10	4.96E-09	5.32E-03	2.35E-01	0.00E+00	0.00E+00	6.44E-01	2.66E-03	1.15E+00	0.00E+00	9.44E-09	4.81E-09	3.80E-04	7.63E-08	1.14E-01	0.00E+00	1.15E+00	1.98E-07	1.15E+00	1.27E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MJN510A	8.90E-04	1.70E-01	4.81E-03	1.66E-01	0.00E+00	0.00E+00	8.43E-01	1.55E-06	4.43E-04	1.48E-03	0.00E+00	-1.18E-04	1.58E-10	5.05E-09	5.50E-03	2.41E-01	0.00E+00	0.00E+00	6.70E-01	1.57E-03	1.18E+00	0.00E+00	9.67E-09	4.90E-09	3.86E-04	5.03E-08	1.19E-01	0.00E+00	1.18E+00	2.08E-07	1.18E+00	1.30E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MJN513A	9.63E-04	1.73E-01	5.96E-03	1.67E-01	2.87E-12	0.00E+00	8.79E-01	1.65E-06	5.18E-04	1.52E-03	0.00E+00	-1.22E-04	1.85E-10	5.75E-09	5.75E-03	2.55E-01	0.00E+00	0.00E+00	7.01E-01	1.74E-03	1.24E+00	0.00E+00	1.00E-08	5.11E-09	3.96E-04	6.00E-08	1.24E-01	0.00E+00	1.24E+00	2.20E-07	1.24E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MJN516	9.11E-04	1.69E-01	5.41E-03	1.63E-01	0.00E+00	0.00E+00	8.12E-01	1.49E-06	4.63E-04	1.46E-03	0.00E+00	-2.00E-04	1.56E-10	5.19E-09	5.37E-03	2.40E-01	0.00E+00	0.00E+00	6.55E-01	2.66E-03	1.16E+00	0.00E+00	9.53E-09	4.87E-09	3.84E-04	7.63E-08	1.16E-01	0.00E+00	1.16E+00	1.98E-07	1.16E+00	1.28E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
MJN516A	9.20E-04	1.71E-01	4.88E-03	1.66E-01	0.00E+00	0.00E+00	8.54E-01	1.57E-06	4.65E-04	1.48E-03	0.00E+00	-1.18E-04	1.60E-10	5.28E-09	5.55E-03	2.46E-01	0.00E+00	0.00E+00	6.81E-01	1.57E-03	1.20E+00	0.00E+00	9.77E-09	4.97E-09	3.90E-04	5.03E-08	1.21E-01	0.00E+00	1.20E+00	2.08E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MJN520	1.45E-03	1.81E-01	6.72E-03	1.74E-01	0.00E+00	0.00E+00	9.67E-01	1.76E-06	8.53E-04	1.59E-03	0.00E+00	-2.28E-04	1.90E-10	9.30E-09	6.03E-03	3.20E-01	0.00E+00	0.00E+00	8.24E-01	3.03E-03	1.34E+00	0.00E+00	1.09E-08	5.90E-09	4.47E-04	8.61E-08	1.46E-01	0.00E+00	1.34E+00	1.92E-07	1.34E+00	1.48E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MJN520A	1.46E-03	1.83E-01	6.19E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.56E-04	1.62E-03	0.00E+00	-1.46E-04	1.94E-10	9.39E-09	6.21E-03	3.26E-01	0.00E+00	0.00E+00	8.50E-01	1.94E-03	1.37E+00	0.00E+00	1.11E-08	6.00E-09	4.53E-04	6.01E-08	1.50E-01	0.00E+00	1.37E+00	2.02E-07	1.37E+00	1.52E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MJN525	1.63E-03	1.84E-01	7.06E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.82E-06	9.90E-04	1.63E-03	0.00E+00	-2.28E-04	2.02E-10	1.07E-08	6.18E-03	3.46E-01	0.00E+00	0.00E+00	8.78E-01	3.03E-03	1.38E+00	0.00E+00	1.12E-08	6.22E-09	4.67E-04	8.63E-08	1.55E-01	0.00E+00	1.38E+00	1.89E-07	1.38E+00	1.54E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MJN525A	1.64E-03	1.87E-01	6.53E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.93E-04	1.66E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.37E-03	3.52E-01	0.00E+00	0.00E+00	9.04E-01	1.94E-03	1.41E+00	0.00E+00	1.15E-08	6.32E-09	4.73E-04	6.03E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MJN532	1.73E-03	1.86E-01	7.26E-03	1.79E-01	0.00E+00	0.00E+00	1.04E+00	1.87E-06	1.06E-03	1.66E-03	0.00E+00	-2.28E-04	2.05E-10	1.14E-08	6.32E-03	3.61E-01	0.00E+00	0.00E+00	9.04E-01	3.03E-03	1.41E+00	0.00E+00	1.15E-08	6.40E-09	4.78E-04	8.65E-08	1.60E-01	0.00E+00	1.41E+00	1.86E-07	1.41E+00	1.57E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MJN532A	1.73E-03	1.89E-01	6.73E-03	1.82E-01	0.00E+00	0.00E+00	1.08E+00	1.95E-06	1.06E-03	1.68E-03	0.00E+00	-1.46E-04	2.09E-10	1.15E-08	6.50E-03	3.67E-01	0.00E+00	0.00E+00	9.29E-01	1.94E-03	1.45E+00	0.00E+00	1.17E-08	6.50E-09	4.84E-04	6.05E-08	1.64E-01	0.00E+00	1.45E+00	1.96E-07	1.45E+00	1.61E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MJN540A	1.68E-03	1.87E-01	7.32E-03	1.82E-01	2.87E-12	0.00E+00	1.08E+00	1.91E-06	1.06E-03	1.68E-03	0.00E+00	-1.53E-04	2.37E-10	1.12E-08	6.62E-03	3.52E-01	0.00E+00	0.00E+00	8.80E-01	2.24E-03	1.45E+00	0.00E+00	1.17E-08	6.41E-09	4.76E-04	6.09E-08	1.59E-01	0.00E+00	1.45E+00	6.49E-07	1.45E+00	1.61E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MJN702	9.56E-04	1.90E-01	5.89E-03	1.86E-01	2.87E-12	0.00E+00	9.92E-01	1.68E-06	4.51E-04	1.67E-03	0.00E+00	-1.40E-04	1.98E-10	5.25E-09	6.20E-03	2.57E-01	0.00E+00	0.00E+00	7.31E-01	1.80E-03	1.34E+00	0.00E+00	1.10E-08	5.56E-09	4.24E-04	5.83E-08	1.32E-01	0.00E+00	1.34E+00	6.50E-07	1.34E+00	1.48E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MJN706	1.00E-03	1.84E-01	5.99E-03	1.77E-01	2.87E-12	0.00E+00	9.64E-01	1.62E-06	5.69E-04	1.61E-03	0.00E+00	-8.71E-05	1.94E-10	5.86E-09	6.04E-03	2.63E-01	0.00E+00	0.00E+00	7.32E-01	1.42E-03	1.29E+00	0.00E+00	1.07E-08	5.47E-09	4.17E-04	5.85E-08	1.32E-01	0.00E+00	1.29E+00	6.49E-07	1.29E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MJN706P	8.93E-04	1.74E-01	5.69E-03	1.64E-01	2.87E-12	0.00E+00	9.64E-01	2.20E-06	4.17E-04	1.57E-03	0.00E+00	-1.61E-04	2.48E-10	5.24E-09	6.80E-03	2.89E-01	0.00E+00	0.00E+00	8.78E-01	2.00E-03	1.75E+00	0.00E+00	1.39E-08	7.52E-09	4.17E-04	5.92E-08	1.50E-01	0.00E+00	1.75E+00	3.01E-07	1.75E+00	1.98E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MJN710	9.35E-04	1.76E-01	5.94E-03	1.70E-01	2.87E-12	0.00E+00	8.91E-01	1.61E-06	4.57E-04	1.55E-03	0.00E+00	1.66E-04	1.91E-10	5.57E-09	5.92E-03	2.55E-01	0.00E+00	0.00E+00	7.07E-01	7.45E-04	1.25E+00	0.00E+00	1.03E-08	5.12E-09	4.04E-04	6.76E-08	1.25E-01	0.00E+00	1.25E+00	6.50E-07	1.25E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MJN710P	9.28E-04	1.74E-01	5.63E-03	1.63E-01	2.87E-12	0.00E+00	9.70E-01	2.27E-06	4.31E-04	1.55E-03	0.00E+00	-1.61E-04	2.52E-10	5.12E-09	6.85E-03	2.80E-01	0.00E+00	0.00E+00	8.73E-01	2.08E-03	1.77E+00	0.00E+00	1.40E-08	7.51E-09	4.17E-04	5.89E-08	1.49E-01	0.00E+00	1.77E+00	3.59E-07	1.77E+00	2.01E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
MJN716	1.15E-03	1.81E-01	6.05E-03	1.75E-01	2.87E-12	0.00E+00	8.92E-01	1.62E-06	5.37E-04	1.58E-03	0.00E+00	2.14E-04	1.88E-10	6.38E-09	5.84E-03	2.64E-01	0.00E+00	0.00E+00	7.28E-01	7.82E-04	1.25E+00	0.00E+00	1.03E-08	5.18E-09	4.20E-04	6.70E-08	1.28E-01	0.00E+00	1.25E+00	2.24E-07	1.25E+00	1.37E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MJN716P	1.36E-03	1.72E-01	5.86E-03	1.62E-01	2.87E-12	0.00E+00	1.03E+00	2.18E-06	5.98E-04	1.55E-03	0.00E+00	-1.61E-04	2.59E-10	7.58E-09	6.46E-03	3.45E-01	0.00E+00	0.00E+00	9.65E-01	2.09E-03	1.54E+00	0.00E+00	1.23E-08	7.37E-09	4.45E-04	5.90E-08	1.68E-01	0.00E+00	1.54E+00	3.58E-07	1.54E+00	1.77E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MJN720	1.49E-03	1.84E-01	6.82E-03	1.77E-01	2.87E-12	0.00E+00	1.01E+00	1.78E-06	8.61E-04	1.62E-03	0.00E+00	-1.00E-04	2.06E-10	9.40E-09	6.12E-03	3.27E-01	0.00E+00	0.00E+00	8.31E-01	1.39E-03	1.35E+00	0.00E+00	1.10E-08	5.92E-09	4.48E-04	5.58E-08	1.48E-01	0.00E+00	1.35E+00	2.04E-07	1.35E+00	1.50E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MJN720P	1.17E-03	1.74E-01	5.79E-03	1.64E-01	2.87E-12	0.00E+00	1.04E+00	2.27E-06	5.61E-04	1.57E-03	0.00E+00	-1.61E-04	2.61E-10	6.56E-09	6.88E-03	3.38E-01	0.00E+00	0.00E+00	9.61E-01	2.08E-03	1.78E+00	0.00E+00	1.41E-08	7.56E-09	4.45E-04	5.89E-08	1.66E-01	0.00E+00	1.78E+00	3.59E-07	1.78E+00	2.02E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
MJN725	1.66E-03	1.88E-01	6.85E-03	1.82E-01	2.87E-12	0.00E+00	1.12E+00	1.84E-06	1.07E-03	1.67E-03	0.00E+00	-1.12E-04	2.29E-10	1.11E-08	6.43E-03	3.45E-01	0.00E+00	0.00E+00	8.71E-01	1.51E-03	1.41E+00	0.00E+00	1.15E-08	6.29E-09	4.63E-04	5.18E-08	1.56E-01	0.00E+00	1.41E+00	6.93E-07	1.41E+00	1.56E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
MJN725P	1.61E-03	1.75E-01	6.64E-03	1.65E-01	2.87E-12	0.00E+00	1.07E+00	2.28E-06	1.03E-03	1.60E-03	0.00E+00	-1.62E-04	2.91E-10	1.07E-08	6.99E-03	3.42E-01	0.00E+00	0.00E+00	9.69E-01	2.15E-03	1.78E+00	0.00E+00	1.42E-08	7.67E-09	4.50E-04	6.03E-08	1.67E-01	0.00E+00	1.78E+00	3.01E-07	1.78E+00	2.01E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MJN732	1.66E-03	1.88E-01	6.95E-03	1.82E-01	2.87E-12	0.00E+00	1.13E+00	1.84E-06	1.06E-03	1.68E-03	0.00E+00	-1.12E-04	2.31E-10	1.10E-08	6.50E-03	3.46E-01	0.00E+00	0.00E+00	8.75E-01	1.51E-03	1.43E+00	0.00E+00	1.16E-08	6.39E-09	4.64E-04	5.47E-08	1.57E-01	0.00E+00	1.43E+00	6.53E-07	1.43E+00	1.58E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
MJN732P	1.67E-03	1.81E-01	6.18E-03	1.72E-01	2.87E-12	0.00E+00	1.07E+00	2.35E-06	1.05E-03	1.59E-03	0.00E+00	-1.61E-04	2.66E-10	1.09E-08	7.10E-03	3.55E-01	0.00E+00	0.00E+00	9.82E-01	2.15E-03	1.84E+00	0.00E+00	1.45E-08	7.76E-09	4.56E-04	5.96E-08	1.72E-01	0.00E+00	1.84E+00	3.02E-07	1.84E+00	2.08E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
MJN740	1.70E-03	1.88E-01	7.02E-03	1.82E-01	2.87E-12	0.00E+00	1.14E+00	1.85E-06	1.07E-03	1.68E-03	0.00E+00	-1.14E-04	2.33E-10	1.11E-08	6.53E-03	3.47E-01	0.00E+00	0.00E+00	8.82E-01	1.49E-03	1.43E+00	0.00E+00	1.16E-08	6.42E-09	4.65E-04	5.45E-08	1.58E-01	0.00E+00	1.43E+00	6.53E-07	1.43E+00	1.58E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
MJN740P	1.62E-03	1.83E-01	6.24E-03	1.73E-01	2.87E-12	0.00E+00	1.08E+00	2.33E-06	1.04E-03	1.60E-03	0.00E+00	-1.62E-04	2.67E-10	1.09E-08	7.17E-03	3.50E-01	0.00E+00	0.00E+00	9.76E-01	2.18E-03	1.84E+00	0.00E+00	1.45E-08	7.77E-09	4.52E-04	6.04E-08	1.69E-01	0.00E+00	1.84E+00	3.01E-07	1.84E+00	2.09E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01

MJS502	8.52E-04	1.67E-01	5.66E-03	1.61E-01	2.87E-12	0.00E+00	8.24E-01	1.55E-06	4.29E-04	1.43E-03	0.00E+00	-2.77E-04	1.55E-10	4.78E-09	5.33E-03	2.29E-01	0.00E+00	0.00E+00	0.00E+00	6.63E-01	3.99E-03	1.18E+00	0.00E+00	9.67E-09	4.76E-09	3.75E-04	9.75E-08	1.18E-01	0.00E+00	1.18E+00	1.79E-07	1.18E+00	1.31E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MJS504	7.48E-04	1.66E-01	5.52E-03	1.60E-01	2.87E-12	0.00E+00	8.12E-01	1.50E-06	3.59E-04	1.41E-03	0.00E+00	-2.93E-04	1.54E-10	4.11E-09	5.23E-03	2.21E-01	0.00E+00	0.00E+00	0.00E+00	6.45E-01	3.94E-03	1.16E+00	0.00E+00	9.46E-09	4.75E-09	3.67E-04	9.66E-08	1.14E-01	0.00E+00	1.16E+00	1.75E-07	1.16E+00	1.28E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
MJS506	7.46E-04	1.67E-01	5.61E-03	1.61E-01	2.87E-12	0.00E+00	7.78E-01	1.42E-06	3.66E-04	1.41E-03	0.00E+00	-2.77E-04	1.54E-10	4.11E-09	5.12E-03	2.21E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-01	3.97E-03	1.13E+00	0.00E+00	9.29E-09	4.73E-09	3.68E-04	9.90E-08	1.14E-01	0.00E+00	1.13E+00	1.68E-07	1.13E+00	1.24E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
MJS510	7.45E-04	1.65E-01	5.50E-03	1.60E-01	2.87E-12	0.00E+00	7.71E-01	1.39E-06	3.65E-04	1.39E-03	0.00E+00	-2.82E-04	1.47E-10	4.14E-09	5.11E-03	2.22E-01	0.00E+00	0.00E+00	0.00E+00	6.17E-01	4.01E-03	1.12E+00	0.00E+00	9.18E-09	4.60E-09	3.47E-04	1.07E-07	1.09E-01	0.00E+00	1.12E+00	1.66E-07	1.12E+00	1.23E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MJS516	1.01E-03	1.69E-01	6.29E-03	1.62E-01	0.00E+00	0.00E+00	7.60E-01	1.37E-06	5.52E-04	1.45E-03	0.00E+00	-3.14E-04	1.53E-10	5.99E-09	5.07E-03	2.44E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-01	4.16E-03	1.11E+00	0.00E+00	9.20E-09	4.82E-09	3.86E-04	1.12E-07	1.13E-01	0.00E+00	1.11E+00	1.62E-07	1.11E+00	1.22E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MJT702	8.98E-04	1.96E-01	6.15E-03	1.89E-01	0.00E+00	0.00E+00	9.20E-01	1.77E-06	3.99E-04	1.69E-03	0.00E+00	-2.41E-04	1.89E-10	4.60E-09	6.28E-03	2.63E-01	0.00E+00	0.00E+00	0.00E+00	7.64E-01	3.20E-03	1.41E+00	0.00E+00	1.14E-08	5.73E-09	4.40E-04	9.16E-08	1.34E-01	0.00E+00	1.41E+00	2.97E-07	1.41E+00	1.54E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MJT706	7.93E-04	1.83E-01	4.48E-03	1.79E-01	0.00E+00	0.00E+00	8.57E-01	1.60E-06	3.45E-04	1.58E-03	0.00E+00	-8.01E-05	1.58E-10	3.99E-09	5.84E-03	2.38E-01	0.00E+00	0.00E+00	0.00E+00	6.68E-01	1.08E-03	1.28E+00	0.00E+00	1.05E-08	5.18E-09	4.08E-04	3.93E-08	1.20E-01	0.00E+00	1.28E+00	2.64E-07	1.28E+00	1.40E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MJT710	8.50E-04	1.85E-01	4.63E-03	1.81E-01	0.00E+00	0.00E+00	8.82E-01	1.65E-06	3.84E-04	1.60E-03	0.00E+00	-8.01E-05	1.67E-10	4.42E-09	5.96E-03	2.48E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01	1.08E-03	1.31E+00	0.00E+00	1.07E-08	5.33E-09	4.16E-04	3.95E-08	1.25E-01	0.00E+00	1.31E+00	2.70E-07	1.31E+00	1.44E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MJT716	9.33E-04	1.88E-01	4.82E-03	1.83E-01	0.00E+00	0.00E+00	9.13E-01	1.71E-06	4.43E-04	1.63E-03	0.00E+00	-8.01E-05	1.73E-10	5.05E-09	6.10E-03	2.61E-01	0.00E+00	0.00E+00	0.00E+00	7.28E-01	1.08E-03	1.35E+00	0.00E+00	1.10E-08	5.51E-09	4.27E-04	3.97E-08	1.30E-01	0.00E+00	1.35E+00	2.71E-07	1.35E+00	1.48E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MJT720	1.48E-03	2.00E-01	6.28E-03	1.93E-01	0.00E+00	0.00E+00	1.03E+00	1.88E-06	8.54E-04	1.76E-03	0.00E+00	-1.38E-04	1.96E-10	9.29E-09	6.54E-03	3.37E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-01	1.84E-03	1.47E+00	0.00E+00	1.20E-08	6.39E-09	4.86E-04	5.89E-08	1.54E-01	0.00E+00	1.47E+00	2.35E-07	1.47E+00	1.62E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.14E+01
MJT725	1.49E-03	2.00E-01	6.30E-03	1.94E-01	0.00E+00	0.00E+00	1.04E+00	1.89E-06	8.55E-04	1.76E-03	0.00E+00	-1.38E-04	2.00E-10	9.31E-09	6.56E-03	3.38E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-01	1.84E-03	1.47E+00	0.00E+00	1.20E-08	6.42E-09	4.88E-04	5.89E-08	1.55E-01	0.00E+00	1.47E+00	2.39E-07	1.47E+00	1.63E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MJT732	1.57E-03	2.02E-01	6.48E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.94E-06	9.17E-04	1.78E-03	0.00E+00	-1.38E-04	2.03E-10	9.97E-09	6.69E-03	3.51E-01	0.00E+00	0.00E+00	0.00E+00	8.96E-01	1.84E-03	1.50E+00	0.00E+00	1.23E-08	6.58E-09	4.98E-04	5.91E-08	1.60E-01	0.00E+00	1.50E+00	2.36E-07	1.50E+00	1.66E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MJT740	1.57E-03	2.03E-01	6.50E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.95E-06	9.18E-04	1.79E-03	0.00E+00	-1.38E-04	2.06E-10	9.98E-09	6.71E-03	3.52E-01	0.00E+00	0.00E+00	0.00E+00	9.05E-01	1.84E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.99E-04	5.92E-08	1.61E-01	0.00E+00	1.51E+00	2.40E-07	1.51E+00	1.67E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
MKN506	9.56E-04	1.73E-01	5.42E-03	1.67E-01	2.87E-12	0.00E+00	8.98E-01	1.63E-06	4.87E-04	1.51E-03	0.00E+00	-1.90E-04	1.65E-10	5.55E-09	5.83E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01	2.89E-03	1.26E+00	0.00E+00	1.02E-08	5.13E-09	3.96E-04	8.03E-08	1.24E-01	0.00E+00	1.26E+00	2.07E-07	1.26E+00	1.38E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MKN506A	1.01E-03	1.77E-01	5.44E-03	1.71E-01	0.00E+00	0.00E+00	9.35E-01	1.70E-06	5.21E-04	1.54E-03	0.00E+00	-1.47E-04	1.64E-10	5.95E-09	5.97E-03	2.66E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01	1.96E-03	1.28E+00	0.00E+00	1.04E-08	5.27E-09	4.09E-04	6.05E-08	1.30E-01	0.00E+00	1.28E+00	2.11E-07	1.28E+00	1.41E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MKN510	9.19E-04	1.72E-01	5.41E-03	1.66E-01	2.87E-12	0.00E+00	8.62E-01	1.56E-06	5.01E-04	1.49E-03	0.00E+00	-1.93E-04	1.66E-10	5.54E-09	5.68E-03	2.53E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01	2.90E-03	1.23E+00	0.00E+00	1.01E-08	5.09E-09	3.92E-04	8.24E-08	1.25E-01	0.00E+00	1.23E+00	2.05E-07	1.23E+00	1.36E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MKN510A	9.14E-04	1.75E-01	5.89E-03	1.70E-01	2.87E-12	0.00E+00	8.86E-01	1.67E-06	5.09E-04	1.52E-03	0.00E+00	-1.45E-04	1.86E-10	5.49E-09	5.80E-03	2.52E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01	1.87E-03	1.26E+00	0.00E+00	1.02E-08	5.14E-09	4.01E-04	6.11E-08	1.25E-01	0.00E+00	1.26E+00	2.22E-07	1.26E+00	1.38E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MKN513	9.81E-04	1.73E-01	5.64E-03	1.68E-01	2.87E-12	0.00E+00	8.72E-01	1.62E-06	5.31E-04	1.51E-03	0.00E+00	-2.26E-04	1.67E-10	5.62E-09	5.67E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-01	2.97E-03	1.23E+00	0.00E+00	1.00E-08	5.10E-09	3.94E-04	8.14E-08	1.25E-01	0.00E+00	1.23E+00	2.07E-07	1.23E+00	1.35E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MKN513A	1.02E-03	1.77E-01	5.99E-03	1.71E-01	2.87E-12	0.00E+00	8.98E-01	1.69E-06	5.14E-04	1.55E-03	0.00E+00	-1.45E-04	1.89E-10	6.06E-09	5.82E-03	2.59E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-01	1.92E-03	1.26E+00	0.00E+00	1.03E-08	5.18E-09	4.05E-04	6.04E-08	1.26E-01	0.00E+00	1.26E+00	2.23E-07	1.26E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MKN516	9.30E-04	1.73E-01	5.83E-03	1.68E-01	0.00E+00	0.00E+00	8.75E-01	1.62E-06	4.67E-04	1.50E-03	0.00E+00	-2.27E-04	1.67E-10	5.33E-09	5.70E-03	2.51E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-01	3.01E-03	1.23E+00	0.00E+00	1.00E-08	5.09E-09	3.96E-04	8.54E-08	1.23E-01	0.00E+00	1.23E+00	2.11E-07	1.23E+00	1.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MKN516A	1.01E-03	1.76E-01	5.31E-03	1.70E-01	2.87E-12	0.00E+00	8.94E-01	1.68E-06	4.86E-04	1.53E-03	0.00E+00	-1.45E-04	1.69E-10	5.78E-09	5.80E-03	2.57E-01	0.00E+00	0.00E+00	0.00E+00	7.18E-01	1.89E-03	1.26E+00	0.00E+00	1.03E-08	5.19E-09	4.07E-04	6.00E-08	1.26E-01	0.00E+00	1.26E+00	2.22E-07	1.26E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MKN520	1.44E-03	1.80E-01	6.72E-03	1.73E-01	0.00E+00	0.00E+00	9.64E-01	1.74E-06	8.52E-04	1.58E-03	0.00E+00	-2.31E-04	1.84E-10	9.29E-09	6.01E-03	3.19E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01	3.06E-03	1.33E+00	0.00E+00	1.09E-08	5.87E-09	4.44E-04	8.70E-08	1.44E-01	0.00E+00	1.33E+00	1.88E-07	1.33E+00	1.48E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MKN520A	1.40E-03	1.85E-01	6.85E-03	1.79E-01	2.87E-12	0.00E+00	1.02E+00	1.84E-06	8.64E-04	1.65E-03	0.00E+00	-1.46E-04	2.15E-10	9.35E-09	6.40E-03	3.19E-01	0.00E+00	0.00E+00	0.00E+00	8.24E-01	1.94E-03	1.38E+00	0.00E+00	1.12E-08	5.93E-09	4.47E-04	6.12E-08	1.49E-01	0.00E+00	1.38E+00	2.38E-07	1.38E+00	1.53E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MKN525	1.63E-03	1.83E-01	7.06E-03	1.76E-01	0.00E+00	0.00E+00	1.00E+00	1.81E-06	9.89E-04	1.62E-03	0.00E+00	-2.31E-04	1.96E-10	1.07E-08	6.17E-03	3.45E-01	0.00E+00	0.00E+00	0.00E+00	8.67E-01	3.06E-03	1.38E+00	0.00E+00	1.12E-08	6.19E-09	4.64E-04	8.72E-08	1.53E-01	0.00E+00	1.38E+00	1.85E-07	1.38E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MKN525A	1.50E-03	1.86E-01	7.04E-03	1.80E-01	2.87E-12	0.00E+00	1.04E+00	1.87E-06	9.65E-04	1.66E-03	0.00E+00	-1.46E-04	2.19E-10	1.02E-08	6.42E-03	3.40E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-01	1.94E-03	1.42E+00	0.00E+00	1.14E-08	6.26E-09	4.68E-04	6.11E-08	1.55E-01	0.00E+00	1.42E+00	1.99E-07	1.42E+00	1.58E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MKN532	1.70E-03	1.84E-01	7.07E-03	1.78E-01	2.87E-12	0.00E+00	1.03E+00	1.84E-06	1.05E-03	1.63E-03	0.00E+00	-2.27E-04	2.00E-10	1.13E-08	6.26E-03	3.52E-01	0.00E+00	0.00E+00	0.00E+00	8.71E-01	3.03E-03	1.40E+00	0.00E+00	1.13E-08	6.30E-09	4.67E-04	8.48E-08	1.56E-01	0.00E+00	1.40E+00	1.87E-07	1.40E+00	1.56E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MKN532A	1.74E-03	1.88E-01	7.10E-03	1.83E-01	2.87E-12	0.00E+00	1.07E+00	1.88E-06	1.05E-03	1.69E-03	0.00E+00	-1.46E-04	2.35E-10	1.12E-08	6.57E-03	3.50E-01	0.00E+00	0.00E+00	0.00E+00	8.76E-01	1.94E-03	1.44E+00	0.00E+00	1.16E-08	6.40E-09	4.77E-04	6.11E-08	1.57E-01	0.00E+00	1.44E+00	2.37E-07	1.44E+00	1.59E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MKN540	1.72E-03	1.85E-01	7.54E-03	1.78E-01	2.87E-12	0.00E+00	1.04E+00	1.86E-06	1.07E-03	1.65E-03	0.00E+00	-2.29E-04	2.27E-10	1.16E-08	6.31E-03	3.49E-01	0.00E+00	0.00E+00	0.00E+00	8.72E-01	3.09E-03	1.41E+00	0.00E+00	1.15E-08	6.30E-09	4.71E-04	8.49E-08	1.56E-01	0.00E+00	1.41E+00	1.90E-07	1.41E+00	1.57E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MKN598	2.89E-03	3.60E-01	1.34E-02	3.46E-01	0.00E+00	0.00E+00	1.93E+00	3.49E-06	1.71E-03	3.17E-03	0.00E+00	-4.62E-04	3.69E-10	1.86E-08	1.21E-02	6.39E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+00	6.13E-03	2.67E+00	0.00E+00	2.18E-08	1.17E-08	8.90E-04	1.74E-07	2.89E-01	0.00E+00	2.67E+00	3.77E-07	2.67E+00	2.96E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	5.93E+01
MKN599	1.86E-03	3.46E-01	1.17E-02	3.35E-01	0.00E+00	0.00E+00	1.75E+00	3.23E-06	9.33E-04	3.00E-03	0.00E+00	-4.54E-04	3.34E-10	1.07E-08	1.14E-02	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+00	6.02E-03	2.47E+00	0.00E+00	2.01E-08	1.02E-08	7.91E-04	1.71E-07	2.47E-01	0.00E+00	2.47E+00	4.22E-07	2.47E+00	2.71E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MKS506	8.60E-04	1.68E-01	5.84E-03	1.62E-01	2.87E-12	0.00E+00	8.32E-01	1.53E-06	4.42E-04	1.44E-03	0.00E+00	-2.78E-04	1.59E-10	4.83E-09	5.35E-03	2.32E-01	0.00E+00	0.00E+00	0.00E+00	6.74E-01	4.06E-03	1.18E+00	0.00E+00	9.69E-09	4.79E-09	3.79E-04	9.87E-08	1.19E-01	0.00E+00	1.18E+00	1.73E-07	1.18E+00	1.30E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
MKS510	8.80E-04	1.67E-01	5.78E-03	1.62E-01	2.87E-12	0.00E+00	8.08E-01	1.47E-06	4.45E-04	1.44E-03	0.00E+00	-2.68E-04	1.58E-10	4.93E-09	5.27E-03	2.42E-01	0.00E+00	0.00E+00	0.00E+00	6.60E-01	3.96E-03	1.16E+00	0.00E+00	9.59E-09	4.86E-09	3.81E-04	1.03E-07	1.17E-01	0.00E+00	1.16E+00	1.68E-07	1.16E+00	1.29E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MKS513	1.07E-03	1.67E-01	6.10E-03	1.62E-01	2.87E-12	0.00E+00	8.17E-01	1.52E-06	6.17E-04	1.45E-03	0.00E+00	-2.76E-04	1.60E-10	6.43E-09	5.27E-03	2.47E-01	0.00E+00	0.00E+00	0.00E+00	6.71E-01	3.98E-03	1.17E+00	0.00E+00	9.60E-09	4.87E-09	3.84E-04	1.04E-07	1.18E-01	0.00E+00	1.17E+00	1.70E-07	1.17E+00	1.29E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MKS516	1.03E-03	1.73E-01	6.72E-03	1.67E-01	0.00E+00	0.00E+00	8.23E-01	1.50E-06	5.56E-04	1.49E-03	0.00E+00	-3.41E-04	1.63E-10	6.13E-09	5.41E-03	2.55E-01	0.00E+00	0.00E+00	0.00E+00	6.76E-01	4.51E-03	1.18E+00	0.00E+00	9.71E-09	5.04E-09	3.98E-04	1.21E-07	1.20E-01	0.00E+00	1.18E+00	1.74E-07	1.18E+00	1.30E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MKS599	2.07E-03	3.46E-01	1.34E-02	3.33E-01	0.00E+00	0.00E+00	1.65E+00	2.99E-06	1.11E-03	2.98E-03	0.00E+00	-6.81E-04	3.27E-10	1.23E-08	1.08E-02	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+00	9.02E-03	2.36E+00	0.00E+00	1.94E-08	1.01E-08	7.96E-04	2.43E-07	2.40E-01	0.00E+00	2.36E+00	3.49E-07	2.36E+00	2.60E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
ML506J	1.00E-03	1.79E-01	5.42E-03	1.74E-01	2.87E-12	0.00E+00	9.32E-01	1.70E-06	5.15E-04	1.56E-03	0.00E+00	-1.26E-04	1.69E-10	5.83E-09	5.97E-03	2.68E-01	0.00E+00	0.00E+00	0.00E+00	7.35E-01	1.81E-03	1.29E+00	0.00E+00	1.06E-08	5.39E-09	4.11E-04	5.96E-08	1.33E-01	0.00E+00	1.29E+00	2.09E-07	1.29E+00	1.41E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
ML510J	9.26E-04	1.74E-01	5.28E-03	1.69E-01	2.87E-12	0.00E+00	9.06E-01	1.67E-06	5.12E-04	1.51E-03	0.00E+00	-1.23E-04	1.69E-10	5.61E-09	5.84E-03	2.53E-01	0.00E+00	0.00E+00	0.00E+00	7.13E-01	1.80E-03	1.25E+00	0.00E+00	1.02E-08	5.14E-09	3.98E-04	5.97E-08	1.26E-01	0.00E+00	1.25E+00	2.19E-07	1.25E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
ML516J	1.03E-03	1.75E-01	5.35E-03	1.70E-01	2.87E-12	0.00E+00	9.12E-01	1.69E-06	4.80E-04	1.52E-03	0.00E+00	-1.24E-04	1.70E-10	5.87E-09	5.88E-03	2.58E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-01	1.84E-03	1.26E+00	0.00E+00	1.03E-08	5.18E-09	4.03E-04	5.99E-08	1.28E-01	0.00E+00	1.26E+00	2.20E-07	1.26E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
ML520J	1.47E-03	1.83E-01	6.33E-03	1.77E-01	2.87E-12	0.00E+00	1.01E+00	1.83E-06	8.46E-04	1.62E-03	0.00E+00	-1.25E-04	1.94E-10	9.46E-09	6.20E-03	3.26E-01	0.00E+00	0.00E+00	0.00E+00	8.47E-01	1.90E-03	1.36E+00	0.00E+00	1.11E-08	5.99E-09	4.51E-04	6.00E-08	1.50E-01	0.00E+00	1.36E+00	2.01E-07	1.36E+00	1.51E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
ML525J	1.62E-03	1.85E-01	6.59E-03	1.79E-01	2.87E-12	0.00E+00	1.05E+00	1.89E-06	9.51E-04	1.65E-03	0.00E+00	-1.25E-04	2.05E-10	1.06E-08	6.34E-03	3.49E-01	0.00E+00	0.00E+00	0.00E+00	8.99E-01	1.90E-03	1.41E+00	0.00E+00	1.14E-08	6.29E-09	4.70E-04	5.98E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
ML532J	1.77E-03	1.91E-01	6.77E-03	1.89E-01	2.87E-12	0.00E+00	1.08E+00	1.94E-06	1.05E-03	1.67E-03	0.00E+00	-1.25E-04	2.08E-10	1.15E-08	6.57E-03	3.65E-01	0.00E+00	0.00E+00	0.00E+00	9.22E-01	1.90E-03	1.45E+00	0.00E+00	1.18E-08	6.51E-09	4.81E-04	6.00E-08	1.64E-01	0.00E+00	1.45E+00	1.98E-07	1.45E+00	1.61E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
ML540J	1.78E-03	1.86E-01	6.73E-03	1.81E-01	2.87E-12	0.00E+00	1.08E+00	1.96E-06	1.06E-03	1.66E-03	0.00E+00	-1.25E-04	2.10E-10	1.17E-08	6.50E-03	3.68E-01	0.00E+00	0.00E+00	0.00E+00	9.27E-01	1.90E-03	1.45E+00	0.00E+00	1.18E-08	6.51E-09	4.80E-04	6.02E-08	1.64E-01	0.00E+00	1.45E+00	1.98E-07	1.45E+00	1.61E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MLN502A	9.67E-04	1.85E-01	5.37E-03	1.81E-01	2.87E-12	0.00E+00	9.27E-01	1.72E-06	4.87E-04	1.63E-03	0.00E+00	-1.24E-04	1.74E-10	5.54E-09	6.11E-03	2.65E-01	0.00E+00	0.00E+00	0.00E+00	7.42E-01	1.94E-03	1.34E+00	0.00E+00	1.11E-08	5.57E-09	4.21E-04	6.18E-08	1.36E-01	0.00E+00	1.34E+00	2.17E-07	1.34E+00	1.48E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
MLN504A	9.67E-04	1.86E-01	5.96E-03	1.81E-01	2.87E-12	0.00E+00	9.06E-01	1.67E-06	4.73E-04	1.62E-03	0.00E+00	-1.49E-04	1.90E-10	5.30E-09	5.90E-03	2.61E-01	0.00E+00	0.00E+00	0.00E+00	7.24E-01	1.98E-03	1.29E+00	0.00E+00	1.07E-08	5.48E-09	4.15E-04	6.22E-08	1.32E-01	0.00E+00	1.29E+00	2.16E-07	1.29E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MLN506	9.55E-04	1.72E-01	5.37E-03	1.67E-01	2.87E-12	0.00E+00	8.83E-01	1.61E-06	4.90E-04	1.49E-03	0.00E+00	-1.91E-04	1.64E-10	5.55E-09	5.78E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	6.96E-01	2.87E-03	1.25E+00	0.00E+00	1.01E-08	5.11E-09	3.94E-04	8.04E-08	1.24E-01	0.00E+00	1.25E+00	2.05E-07	1.25E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
MLN506A	1.01E-03	1.77E-01	5.44E-03	1.71E-01	0.00E+00	0.00E+00	9.36E-01	1.71E-06	5.21E-04	1.54E-03	0.00E+00	-1.47E-04	1.64E-10	5.95E-09	5.97E-03	2.66E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01	1.96E-03	1.28E+00	0.00E+00	1.04E-08	5.28E-09	4.09E-04	6.05E-08	1.30E-01	0.00E+00	1.28E+00	2.11E-07	1.28E+00	1.41E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MLN510	9.06E-04	1.73E-01	5.30E-03	1.67E-01	2.87E-12	0.00E+00	8.45E-01	1.54E-06	4.98E-04	1.50E-03	0.00E+00	-2.14E-04	1.65E-10	5.45E-09	5.63E-03	2.53E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-01	2.92E-03	1.23E+00	0.00E+00	1.00E-08	5.09E-09	3.93E-04	8.25E-08	1.22E-01	0.00E+00	1.23E+00	2.07E-07	1.23E+00	1.35E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MLN510A	9.10E-04	1.75E-01	5.24E-03	1.70E-01	0.00E+00	0.00E+00	9.07E-01	1.67E-06	4.47E-04	1.52E-03	0.00E+00	-1.45E-04	1.69E-10	5.18E-09	5.85E-03	2.53E-01	0.00E+00	0.00E+00	0.00E+00	7.13E-01	1.92E-03	1.25E+00	0.00E+00	1.02E-08	5.13E-09	3.98E-04	5.94E-08	1.26E-01	0.00E+00	1.25E+00	2.21E-07	1.25E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MLN513	9.79E-04	1.73E-01	5.65E-03	1.67E-01	2.87E-12	0.00E+00	8.80E-01	1.63E-06	5.31E-04	1.51E-03	0.00E+00	-2.03E-04	1.69E-10	5.65E-09	5.74E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01	2.93E-03	1.24E+00	0.00E+00	1.01E-08	5.10E-09	3.94E-04	8.26E-08	1.25E-01	0.00E+00	1.24E+00	2.09E-07	1.24E+00	1.36E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MLN513A	9.12E-04	1.75E-01	5.26E-03	1.70E-01	0.00E+00	0.00E+00	9.11E-01	1.69E-06	4.47E-04	1.52E-03	0.00E+00	-1.45E-04	1.73E-10	5.20E-09	5.87E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01	1.92E-03	1.26E+00	0.00E+00	1.02E-08	5.16E-09	3.99E-04	5.94E-08	1.27E-01	0.00E+00	1.26E+00	2.25E-07	1.26E+00	1.39E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLN516	9.31E-04	1.73E-01	5.84E-03	1.68E-01	0.00E+00	0.00E+00	8.76E-01	1.62E-06	4.67E-04	1.50E-03	0.00E+00	-2.27E-04	1.67E-10	5.33E-09	5.71E-03	2.51E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-01	3.01E-03	1.23E+00	0.00E+00	1.00E-08	5.10E-09	3.96E-04	8.55E-08	1.24E-01	0.00E+00	1.23E+00	2.11E-07	1.23E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MLN516A	9.40E-04	1.76E-01	5.31E-03	1.70E-01	0.00E+00	0.00E+00	9.19E-01	1.69E-06	4.69E-04	1.53E-03	0.00E+00	-1.45E-04	1.71E-10	5.42E-09	5.90E-03	2.57E-01	0.00E+00	0.00E+00	0.00E+00	7.24E-01	1.92E-03	1.27E+00	0.00E+00	1.03E-08	5.20E-09	4.02E-04	5.95E-08	1.28E-01	0.00E+00	1.27E+00	2.21E-07	1.27E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLN520	1.35E-03	1.81E-01	7.08E-03	1.74E-01	2.87E-12	0.00E+00	9.49E-01	1.74E-06	8.31E-04	1.60E-03	0.00E+00	-2.26E-04	2.02E-10	9.26E-09	5.97E-03	3.15E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01	2.99E-03	1.32E+00	0.00E+00	1.08E-08	5.78E-09	4.44E-04	8.36E-08	1.41E-01	0.00E+00	1.32E+00	1.92E-07	1.32E+00	1.47E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
MLN520A	1.46E-03	1.83E-01	6.19E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.56E-04	1.62E-03	0.00E+00	-1.46E-04	1.94E-10	9.39E-09	6.21E-03	3.26E-01	0.00E+00	0.00E+00	0.00E+00	8.50E-01	1.94E-03	1.37E+00	0.00E+00	1.11E-08	6.00E-09	4.53E-04	6.01E-08	1.50E-01	0.00E+00	1.37E+00	2.02E-07	1.37E+00	1.52E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLN525	1.62E-03	1.84E-01	6.99E-03	1.77E-01	2.87E-12	0.00E+00	1.01E+00	1.81E-06	9.73E-04	1.63E-03	0.00E+00	-2.07E-04	1.99E-10	1.06E-08	6.16E-03	3.46E-01	0.00E+00	0.00E+00	0.00E+00	8.75E-01	2.99E-03	1.38E+00	0.00E+00	1.12E-08	6.21E-09	4.65E-04	8.46E-08	1.54E-01	0.00E+00	1.38E+00	1.89E-07	1.38E+00	1.53E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MLN525A	1.64E-03	1.87E-01	6.53E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.93E-04	1.66E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.37E-03	3.52E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-01	1.94E-03	1.41E+00	0.00E+00	1.15E-08	6.32E-09	4.73E-04	6.03E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MLN532	1.70E-03	1.85E-01	7.52E-03	1.79E-01	2.87E-12	0.00E+00	1.04E+00	1.84E-06	1.05E-03	1.66E-03	0.00E+00	-2.25E-04	2.27E-10	1.13E-08	6.27E-03	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-01	2.99E-03	1.40E+00	0.00E+00	1.14E-08	6.28E-09	4.68E-04	8.34E-08	1.55E-01	0.00E+00	1.40E+00	1.89E-07	1.40E+00	1.56E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MLN532A	1.73E-03	1.88E-01	7.04E-03	1.82E-01	2.87E-12	0.00E+00	1.07E+00	1.89E-06	1.05E-03	1.67E-03	0.00E+00	-1.46E-04	2.29E-10	1.13E-08	6.47E-03	3.51E-01	0.00E+00	0.00E+00	0.00E+00	8.76E-01	1.94E-03	1.43E+00	0.00E+00	1.16E-08	6.37E-09	4.74E-04	6.03E-08	1.57E-01	0.00E+00	1.43E+00	1.99E-07	1.43E+00	1.59E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MLN540	1.72E-03	1.84E-01	6.92E-03	1.78E-01	2.87E-12	0.00E+00	1.01E+00	1.81E-06	1.07E-03	1.64E-03	0.00E+00	-2.28E-04	2.00E-10	1.16E-08	6.17E-03	3.52E-01	0.00E+00	0.00E+00	0.00E+00	8.72E-01	3.07E-03	1.39E+00	0.00E+00	1.13E-08	6.26E-09	4.68E-04	8.52E-08	1.56E-01	0.00E+00	1.39E+00	1.90E-07	1.39E+00	1.54E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MLN540A	1.75E-03	1.87E-01	7.27E-03	1.83E-01	2.87E-12	0.00E+00	1.08E+00	1.91E-06	1.07E-03	1.68E-03	0.00E+00	-1.46E-04	2.37E-10	1.14E-08	6.62E-03	3.53E-01	0.00E+00	0.00E+00	0.00E+00	8.83E-01	2.00E-03	1.45E+00	0.00E+00	1.17E-08	6.41E-09	4.76E-04	6.06E-08	1.59E-01	0.00E+00	1.45E+00	2.37E-07	1.45E+00	1.61E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MLN702	9.58E-04	1.88E-01	5.24E-03	1.85E-01	2.87E-12	0.00E+00	9.91E-01	1.68E-06	4.57E-04	1.64E-03	0.00E+00	-1.10E-04	1.74E-10	5.34E-09	6.06E-03	2.58E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01	1.76E-03	1.34E+00	0.00E+00	1.10E-08	5.56E-09	4.27E-04	5.83E-08	1.32E-01	0.00E+00	1.34E+00	2.20E-07	1.34E+00	1.48E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
MLN702A	9.57E-04	1.88E-01	5.23E-03	1.85E-01	2.87E-12	0.00E+00	9.91E-01	1.68E-06	4.57E-04	1.64E-03	0.00E+00	-1.10E-04	1.74E-10	5.34E-09	6.06E-03	2.58E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01	1.76E-03	1.34E+00	0.00E+00	1.10E-08	5.56E-09	4.22E-04	5.83E-08	1.32E-01	0.00E+00	1.34E+00	2.20E-07	1.34E+00	1.48E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
MLN706	1.02E-03	1.82E-01	5.41E-03	1.76E-01	2.87E-12	0.00E+00	1.01E+00	1.71E-06	5.73E-04	1.59E-03	0.00E+00	-5.09E-05	1.74E-10	6.07E-09	5.99E-03	2.66E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-01	1.41E-03	1.30E+00	0.00E+00	1.07E-08	5.59E-09	4.20E-04	5.87E-08	1.35E-01	0.00E+00	1.30E+00	2.14E-07	1.30E+00	1.44E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MLN706A	1.01E-03	1.84E-01	5.99E-03	1.78E-01	2.87E-12	0.00E+00	9.95E-01	1.67E-06	5.69E-04	1.61E-03	0.00E+00	-8.86E-05	1.93E-10	5.98E-09	5.96E-03	2.63E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-01	1.43E-03	1.29E+00	0.00E+00	1.07E-08	5.58E-09	4.21E-04	5.81E-08	1.34E-01	0.00E+00	1.29E+00	2.15E-07	1.29E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MLN710	9.27E-04	1.74E-01	5.28E-03	1.69E-01	2.87E-12	0.00E+00	8.94E-01	1.61E-06	4.56E-04	1.52E-03	0.00E+00	2.11E-04	1.68E-10	5.59E-09	5.83E-03	2.52E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01	6.56E-04	1.24E+00	0.00E+00	1.02E-08	5.10E-09	4.01E-04	6.72E-08	1.27E-01	0.00E+00	1.24E+00	2.23E-07	1.24E+00	1.36E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MLN710A	9.34E-04	1.76E-01	5.92E-03	1.70E-01	2.87E-12	0.00E+00	8.77E-01	1.60E-06	4.57E-04	1.54E-03	0.00E+00	1.65E-04	1.86E-10	5.55E-09	5.78E-03	2.52E-01	0.00E+00	0.00E+00	0.00E+00	7.07E-01	7.50E-04	1.24E+00	0.00E+00	1.02E-08	5.10E-09	4.03E-04	6.74E-08	1.25E-01	0.00E+00	1.24E+00	2.24E-07	1.24E+00	1.36E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MLN716	1.30E-03	1.83E-01	5.46E-03	1.76E-01	2.87E-12	0.00E+00	9.08E-01	1.63E-06	5.37E-04	1.58E-03	0.00E+00	2.60E-04	1.70E-10	6.94E-09	5.90E-03	2.65E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01	7.20E-04	1.25E+00	0.00E+00	1.03E-08	5.19E-09	4.26E-04	6.69E-08	1.29E-01	0.00E+00	1.25E+00	2.23E-07	1.25E+00	1.38E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MLN716A	1.13E-03	1.79E-01	6.05E-03	1.73E-01	2.87E-12	0.00E+00	8.91E-01	1.61E-06	5.34E-04	1.57E-03	0.00E+00	2.14E-04	1.88E-10	6.31E-09	5.82E-03	2.62E-01	0.00E+00	0.00E+00	0.00E+00	7.28E-01	7.43E-04	1.25E+00	0.00E+00	1.03E-08	5.17E-09	4.19E-04	6.70E-08	1.28E-01	0.00E+00	1.25E+00	2.24E-07	1.25E+00	1.37E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MLN720	1.61E-03	1.84E-01	6.33E-03	1.77E-01	2.87E-12	0.00E+00	1.07E+00	1.86E-06	8.70E-04	1.63E-03	0.00E+00	-6.32E-05	1.94E-10	9.80E-09	6.22E-03	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.85E-01	1.36E-03	1.37E+00	0.00E+00	1.11E-08	6.13E-09	4.57E-04	5.66E-08	1.55E-01	0.00E+00	1.37E+00	2.03E-07	1.37E+00	1.52E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MLN720A	1.50E-03	1.85E-01	6.84E-03	1.79E-01	2.87E-12	0.00E+00	1.07E+00	1.83E-06	8.72E-04	1.65E-03	0.00E+00	-9.85E-05	2.14E-10	9.30E-09	6.34E-03	3.34E-01	0.00E+00	0.00E+00	0.00E+00	8.54E-01	1.38E-03	1.37E+00	0.00E+00	1.12E-08	6.07E-09	4.52E-04	5.58E-08	1.52E-01	0.00E+00	1.37E+00	2.39E-07	1.37E+00	1.52E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLN725	1.77E-03	1.86E-01	6.37E-03	1.81E-01	2.87E-12	0.00E+00	1.12E+00	1.87E-06	1.08E-03	1.65E-03	0.00E+00	-7.69E-05	2.01E-10	1.19E-08	6.33E-03	3.59E-01	0.00E+00	0.00E+00	0.00E+00	9.15E-01	1.53E-03	1.42E+00	0.00E+00	1.16E-08	6.49E-09	4.67E-04	5.24E-08	1.63E-01	0.00E+00	1.42E+00	2.15E-07	1.42E+00	1.57E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MLN725A	1.73E-03	1.87E-01	6.90E-03	1.82E-01	2.87E-12	0.00E+00	1.11E+00	1.83E-06	1.07E-03	1.66E-03	0.00E+00	-1.14E-04	2.26E-10	1.14E-08	6.31E-03	3.45E-01	0.00E+00	0.00E+00	0.00E+00	8.72E-01	1.54E-03	1.40E+00	0.00E+00	1.14E-08	6.28E-09	4.62E-04	5.18E-08	1.56E-01	0.00E+00	1.40E+00	2.16E-07	1.40E+00	1.55E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MLN732	1.77E-03	1.86E-01	6.41E-03	1.82E-01	2.87E-12	0.00E+00	1.13E+00	1.88E-06	1.08E-03	1.65E-03	0.00E+00	-7.29E-05	2.01E-10	1.18E-08	6.40E-03	3.60E-01	0.00E+00	0.00E+00	0.00E+00	9.18E-01	1.52E-03	1.43E+00	0.00E+00	1.16E-08	6.51E-09	4.70E-04	5.25E-08	1.63E-01	0.00E+00	1.43E+00	2.16E-07	1.43E+00	1.58E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MLN732A	1.67E-03	1.92E-01	6.94E-03	1.87E-01	2.87E-12	0.00E+00	1.13E+00	1.84E-06	1.07E-03	1.69E-03	0.00E+00	-1.07E-04	2.31E-10	1.11E-08	6.52E-03	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.78E-01	1.51E-03	1.43E+00	0.00E+00	1.16E-08	6.41E-09	4.66E-04	5.35E-08	1.57E-01	0.00E+00	1.43E+00	6.63E-07	1.43E+00	1.58E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
MLN740A	1.70E-03	1.93E-01	7.10E-03	1.87E-01	2.87E-12	0.00E+00	1.14E+00	1.86E-06	1.06E-03	1.69E-03	0.00E+00	-1.14E-04	2.33E-10	1.12E-08	6.62E-03	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.83E-01	1.49E-03	1.44E+00	0.00E+00	1.17E-08	6.42E-09	4.66E-04	5.30E-08	1.58E-01	0.00E+00	1.44E+00	6.63E-07	1.44E+00	1.59E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
MLS506	1.01E-03	1.70E-01	5.86E-03	1.64E-01	2.87E-12	0.00E+00	8.58E-01	1.53E-06	5.87E-04	1.45E-03	0.00E+00	-2.76E-04	1.60E-10	6.11E-09	5.53E-03	2.52E-01	0.00E+00	0.00E+00	0.00E+00	6.84E-01	4.01E-03	1.21E+00	0.00E+00	9.92E-09	5.05E-09	3.85E-04	9.85E-08	1.22E-01	0.00E+00	1.21E+00	1.73E-07	1.21E+00	1.33E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MLS510	8.92E-04	1.70E-01	5.80E-03	1.64E-01	2.87E-12	0.00E+00	8.21E-01	1.49E-06	4.47E-04	1.46E-03	0.00E+00	-3.02E-04	1.60E-10	4.95E-09	5.35E-03	2.47E-01	0.00E+00	0.00E+00	0.00E+00	6.79E-01	4.17E-03	1.18E+00	0.00E+00	9.71E-09	5.01E-09	3.86E-04	1.06E-07	1.20E-01	0.00E+00	1.18E+00	1.71E-07	1.18E+00	1.30E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MLS513	1.07E-03	1.68E-01	5.87E-03	1.62E-01	2.87E-12	0.00E+00	8.34E-01	1.54E-06	6.19E-04	1.45E-03	0.00E+00	-2.08E-04	1.62E-10	6.41E-09	5.42E-03	2.48E-01	0.00E+00	0.00E+00	0.00E+00	6.80E-01	3.15E-03	1.19E+00	0.00E+00	9.70E-09	4.89E-09	3.85E-04	8.87E-08	1.19E-01	0.00E+00	1.19E+00	1.85E-07	1.19E+00	1.31E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MLS516	1.03E-03	1.72E-01	5.80E-03	1.66E-01	0.00E+00	0.00E+00	8.24E-01	1.50E-06	5.55E-04	1.49E-03	0.00E+00	-2.27E-04	1.64E-10	6.13E-09	5.41E-03	2.55E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01	3.01E-03	1.18E+00	0.00E+00	9.71E-09	5.05E-09	3.97E-04	8.49E-08	1.20E-01	0.00E+00	1.18E+00	1.88E-07	1.18E+00	1.30E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MLU502	1.01E-03	1.87E-01	6.04E-03	1.82E-01	2.87E-12	0.00E+00	9.19E-01	1.72E-06	4.98E-04	1.65E-03	0.00E+00	-1.48E-04	1.96E-10	5.63E-09	6.14E-03	2.67E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-01	2.01E-03	1.35E+00	0.00E+00	1.11E-08	5.66E-09	4.30E-04	6.24E-08	1.36E-01	0.00E+00	1.35E+00	2.18E-07	1.35E+00	1.49E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MLU506	1.00E-03	1.74E-01	5.42E-03	1.68E-01	0.00E+00	0.00E+00	9.34E-01	1.71E-06	5.19E-04	1.51E-03	0.00E+00	-1.47E-04	1.64E-10	5.94E-09	5.94E-03	2.65E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01	1.96E-03	1.27E+00	0.00E+00	1.04E-08	5.23E-09	4.03E-04	6.04E-08	1.29E-01	0.00E+00	1.27E+00	2.10E-07	1.27E+00	1.40E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MLU510	9.04E-04	1.72E-01	5.22E-03	1.67E-01	0.00E+00	0.00E+00	9.05E-01	1.67E-06	4.45E-04	1.49E-03	0.00E+00	-1.45E-04	1.68E-10	5.18E-09	5.81E-03	2.51E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01	1.92E-03	1.24E+00	0.00E+00	1.01E-08	5.09E-09	3.93E-04	5.92E-08	1.26E-01	0.00E+00	1.24E+00	2.20E-07	1.24E+00	1.37E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MLU516	9.34E-04	1.73E-01	5.29E-03	1.67E-01	0.00E+00	0.00E+00	9.17E-01	1.69E-06	4.67E-04	1.50E-03	0.00E+00	-1.45E-04	1.70E-10	5.41E-09	5.86E-03	2.56E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01	1.92E-03	1.26E+00	0.00E+00	1.02E-08	5.15E-09	3.96E-04	5.93E-08	1.28E-01	0.00E+00	1.26E+00	2.20E-07	1.26E+00	1.38E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLU520	1.45E-03	1.80E-01	6.17E-03	1.74E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.54E-04	1.60E-03	0.00E+00	-1.46E-04	1.94E-10	9.38E-09	6.18E-03	3.25E-01	0.00E+00	0.00E+00	0.00E+00	8.48E-01	1.94E-03	1.36E+00	0.00E+00	1.10E-08	5.96E-09	4.47E-04	6.00E-08	1.49E-01	0.00E+00	1.36E+00	2.00E-07	1.36E+00	1.51E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLU525	1.64E-03	1.84E-01	6.51E-03	1.77E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.91E-04	1.63E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.33E-03	3.51E-01	0.00E+00	0.00E+00	0.00E+00	9.02E-01	1.94E-03	1.40E+00	0.00E+00	1.14E-08	6.28E-09	4.67E-04	6.02E-08	1.59E-01	0.00E+00	1.40E+00	1.97E-07	1.40E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01

MLU532	1.73E-03	1.86E-01	6.71E-03	1.79E-01	0.00E+00	0.00E+00	1.08E+00	1.95E-06	1.06E-03	1.66E-03	0.00E+00	-1.46E-04	2.08E-10	1.15E-08	6.47E-03	3.65E-01	0.00E+00	0.00E+00	9.27E-01	1.94E-03	1.44E+00	0.00E+00	1.17E-08	6.45E-09	4.78E-04	6.04E-08	1.64E-01	0.00E+00	1.44E+00	1.95E-07	1.44E+00	1.60E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MLU540	1.76E-03	1.87E-01	6.79E-03	1.80E-01	0.00E+00	0.00E+00	1.10E+00	1.98E-06	1.08E-03	1.67E-03	0.00E+00	-1.46E-04	2.14E-10	1.17E-08	6.54E-03	3.71E-01	0.00E+00	0.00E+00	9.46E-01	1.94E-03	1.45E+00	0.00E+00	1.18E-08	6.54E-09	4.83E-04	6.05E-08	1.66E-01	0.00E+00	1.45E+00	1.99E-07	1.45E+00	1.62E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.48E+01
MMN200	2.69E-03	3.84E-01	1.27E-02	3.69E-01	2.87E-12	0.00E+00	2.22E+00	4.24E-06	6.23E-04	3.38E-03	0.00E+00	-3.12E-04	4.16E-10	1.25E-08	1.47E-02	6.75E-01	0.00E+00	0.00E+00	1.79E+00	4.09E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.57E-04	1.39E-07	3.35E-01	0.00E+00	3.22E+00	6.66E-07	3.22E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MMN201	2.56E-03	2.95E-01	1.16E-02	2.77E-01	2.87E-12	0.00E+00	2.19E+00	4.15E-06	6.22E-04	2.77E-03	0.00E+00	-2.67E-04	3.64E-10	1.17E-08	1.41E-02	6.43E-01	0.00E+00	0.00E+00	1.71E+00	3.82E-03	3.19E+00	0.00E+00	2.56E-08	1.31E-08	9.04E-04	1.38E-07	3.22E-01	0.00E+00	3.19E+00	4.16E-07	3.19E+00	3.47E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MMN202	2.67E-03	3.00E-01	1.16E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	5.75E-04	2.83E-03	0.00E+00	-3.02E-04	3.68E-10	1.22E-08	1.44E-02	6.56E-01	0.00E+00	0.00E+00	1.76E+00	3.84E-03	3.24E+00	0.00E+00	2.61E-08	1.36E-08	9.33E-04	1.38E-07	3.35E-01	0.00E+00	3.24E+00	4.16E-07	3.24E+00	3.52E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
MMN203	2.55E-03	2.96E-01	1.25E-02	2.78E-01	2.87E-12	0.00E+00	2.19E+00	4.16E-06	6.04E-04	2.78E-03	0.00E+00	-2.71E-04	3.95E-10	1.16E-08	1.41E-02	6.44E-01	0.00E+00	0.00E+00	1.72E+00	3.83E-03	3.19E+00	0.00E+00	2.56E-08	1.32E-08	9.06E-04	1.29E-07	3.24E-01	0.00E+00	3.19E+00	4.17E-07	3.19E+00	3.47E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MMN204	2.71E-03	3.06E-01	1.28E-02	2.93E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	6.27E-04	2.84E-03	0.00E+00	-2.47E-04	4.07E-10	1.25E-08	1.46E-02	6.61E-01	0.00E+00	0.00E+00	1.76E+00	3.40E-03	3.20E+00	0.00E+00	2.59E-08	1.35E-08	9.32E-04	1.28E-07	3.36E-01	0.00E+00	3.20E+00	4.27E-07	3.20E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
MMN206	2.73E-03	3.90E-01	1.28E-02	3.75E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	6.84E-04	3.40E-03	0.00E+00	-2.50E-04	4.16E-10	1.33E-08	1.46E-02	6.67E-01	0.00E+00	0.00E+00	1.76E+00	3.53E-03	3.16E+00	0.00E+00	2.59E-08	1.35E-08	9.59E-04	1.28E-07	3.36E-01	0.00E+00	3.16E+00	4.27E-07	3.16E+00	3.46E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
MMN210	2.73E-03	3.90E-01	1.28E-02	3.75E-01	2.87E-12	0.00E+00	2.23E+00	4.22E-06	6.84E-04	3.39E-03	0.00E+00	-2.50E-04	4.15E-10	1.33E-08	1.47E-02	6.67E-01	0.00E+00	0.00E+00	1.77E+00	3.53E-03	3.16E+00	0.00E+00	2.59E-08	1.36E-08	9.57E-04	1.28E-07	3.36E-01	0.00E+00	3.16E+00	4.27E-07	3.16E+00	3.47E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MMN213	2.70E-03	3.93E-01	1.28E-02	3.77E-01	2.87E-12	0.00E+00	2.23E+00	4.23E-06	6.63E-04	3.41E-03	0.00E+00	-2.71E-04	4.19E-10	1.27E-08	1.47E-02	6.92E-01	0.00E+00	0.00E+00	1.79E+00	3.81E-03	3.16E+00	0.00E+00	2.59E-08	1.36E-08	9.58E-04	1.32E-07	3.37E-01	0.00E+00	3.16E+00	5.14E-07	3.16E+00	3.47E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MMN216	2.19E-03	3.88E-01	1.24E-02	3.77E-01	2.87E-12	0.00E+00	2.22E+00	4.15E-06	6.29E-04	3.41E-03	0.00E+00	-2.81E-04	4.12E-10	1.06E-08	1.48E-02	5.72E-01	0.00E+00	0.00E+00	1.69E+00	2.59E-03	3.08E+00	0.00E+00	2.50E-08	1.26E-08	9.68E-04	1.22E-07	3.08E-01	0.00E+00	3.08E+00	5.68E-07	3.08E+00	3.40E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	5.87E+01
MMN220	2.76E-03	3.91E-01	1.31E-02	3.74E-01	2.87E-12	0.00E+00	2.25E+00	4.22E-06	9.46E-04	3.38E-03	0.00E+00	-2.63E-04	4.17E-10	1.51E-08	1.46E-02	6.71E-01	0.00E+00	0.00E+00	1.77E+00	3.72E-03	3.17E+00	0.00E+00	2.59E-08	1.36E-08	9.60E-04	1.28E-07	3.37E-01	0.00E+00	3.17E+00	4.30E-07	3.17E+00	3.46E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MMN225	3.12E-03	3.88E-01	1.33E-02	3.81E-01	2.87E-12	0.00E+00	2.24E+00	4.21E-06	1.71E-03	3.43E-03	0.00E+00	-3.00E-04	4.20E-10	2.01E-08	1.49E-02	7.30E-01	0.00E+00	0.00E+00	1.84E+00	2.99E-03	3.11E+00	0.00E+00	2.53E-08	1.33E-08	9.78E-04	1.38E-07	3.25E-01	0.00E+00	3.11E+00	5.73E-07	3.11E+00	3.45E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MMN232	4.58E-03	3.88E-01	1.24E-02	3.71E-01	2.87E-12	0.00E+00	2.25E+00	4.28E-06	2.65E-03	3.36E-03	0.00E+00	-2.77E-04	3.87E-10	2.88E-08	1.44E-02	7.31E-01	0.00E+00	0.00E+00	1.90E+00	3.96E-03	3.19E+00	0.00E+00	2.59E-08	1.44E-08	9.64E-04	1.58E-07	3.44E-01	0.00E+00	3.19E+00	4.09E-07	3.19E+00	3.50E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
MMN240	3.11E-03	3.90E-01	1.23E-02	3.73E-01	2.87E-12	0.00E+00	2.25E+00	4.27E-06	1.70E-03	3.37E-03	0.00E+00	-2.70E-04	3.87E-10	1.92E-08	1.44E-02	7.25E-01	0.00E+00	0.00E+00	1.90E+00	3.88E-03	3.18E+00	0.00E+00	2.58E-08	1.44E-08	9.64E-04	1.36E-07	3.43E-01	0.00E+00	3.18E+00	4.09E-07	3.18E+00	3.50E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MMN250	4.62E-03	3.90E-01	1.25E-02	3.74E-01	2.87E-12	0.00E+00	2.25E+00	4.29E-06	2.70E-03	3.37E-03	0.00E+00	-2.86E-04	3.89E-10	2.96E-08	1.44E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	4.10E-03	3.19E+00	0.00E+00	2.59E-08	1.44E-08	9.66E-04	1.62E-07	3.44E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
MMN263	4.64E-03	3.90E-01	1.25E-02	3.74E-01	2.87E-12	0.00E+00	2.25E+00	4.29E-06	2.70E-03	3.37E-03	0.00E+00	-2.84E-04	3.89E-10	2.97E-08	1.44E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	4.08E-03	3.19E+00	0.00E+00	2.59E-08	1.44E-08	9.66E-04	1.62E-07	3.44E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
MMN300	2.94E-03	5.11E-01	2.73E-02	4.91E-01	2.87E-12	0.00E+00	2.91E+00	5.54E-06	6.10E-04	4.26E-03	0.00E+00	-5.27E-04	5.47E-10	1.22E-08	1.91E-02	8.42E-01	0.00E+00	0.00E+00	2.32E+00	7.20E-03	4.10E+00	0.00E+00	3.32E-08	1.70E-08	1.24E-03	1.91E-07	4.08E-01	0.00E+00	4.10E+00	3.97E-07	4.10E+00	4.51E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+01
MMN301	2.77E-03	4.87E-01	2.72E-02	4.72E-01	2.87E-12	0.00E+00	2.88E+00	5.38E-06	6.36E-04	4.22E-03	0.00E+00	-5.29E-04	5.05E-10	1.22E-08	1.86E-02	7.98E-01	0.00E+00	0.00E+00	2.27E+00	7.16E-03	3.92E+00	0.00E+00	3.16E-08	1.62E-08	1.20E-03	1.92E-07	3.98E-01	0.00E+00	3.92E+00	4.00E-07	3.92E+00	4.32E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
MMN302	2.87E-03	5.11E-01	2.73E-02	4.91E-01	2.87E-12	0.00E+00	2.87E+00	5.45E-06	6.09E-04	4.26E-03	0.00E+00	-5.28E-04	5.12E-10	1.23E-08	1.87E-02	8.26E-01	0.00E+00	0.00E+00	2.31E+00	7.20E-03	3.95E+00	0.00E+00	3.19E-08	1.63E-08	1.23E-03	1.91E-07	4.04E-01	0.00E+00	3.95E+00	3.97E-07	3.95E+00	4.36E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.24E+01
MMN303	2.76E-03	4.91E-01	2.64E-02	4.73E-01	2.87E-12	0.00E+00	2.83E+00	5.29E-06	1.01E-03	4.21E-03	0.00E+00	-5.25E-04	4.95E-10	1.47E-08	1.84E-02	7.78E-01	0.00E+00	0.00E+00	2.23E+00	7.13E-03	3.89E+00	0.00E+00	3.13E-08	1.61E-08	1.19E-03	1.93E-07	3.91E-01	0.00E+00	3.89E+00	4.03E-07	3.89E+00	4.29E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.91E+01
MMN304	2.87E-03	4.95E-01	2.78E-02	4.80E-01	2.87E-12	0.00E+00	2.92E+00	5.40E-06	6.38E-04	4.25E-03	0.00E+00	-5.32E-04	5.19E-10	1.26E-08	1.87E-02	8.28E-01	0.00E+00	0.00E+00	2.34E+00	7.27E-03	3.95E+00	0.00E+00	3.18E-08	1.63E-08	1.22E-03	1.93E-07	4.08E-01	0.00E+00	3.95E+00	7.54E-07	3.95E+00	4.36E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.31E+01
MMN306	2.29E-03	4.77E-01	1.72E-02	4.51E-01	2.87E-12	0.00E+00	2.89E+00	5.92E-06	6.17E-04	4.32E-03	0.00E+00	-5.20E-04	5.11E-10	1.03E-08	1.89E-02	7.93E-01	0.00E+00	0.00E+00	2.28E+00	6.70E-03	4.15E+00	0.00E+00	3.39E-08	1.65E-08	1.20E-03	2.00E-07	4.03E-01	0.00E+00	4.15E+00	7.30E-07	4.15E+00	4.66E+00	4.03E-01	0.00E+00	0.00E+00	0.00E+00	8.14E+01
MMN310	2.61E-03	5.38E-01	1.75E-02	5.12E-01	2.87E-12	0.00E+00	2.93E+00	6.08E-06	6.18E-04	5.00E-03	0.00E+00	-5.21E-04	5.58E-10	1.06E-08	1.95E-02	8.32E-01	0.00E+00	0.00E+00	2.34E+00	6.78E-03	4.40E+00	0.00E+00	3.61E-08	1.72E-08	1.28E-03	2.00E-07	4.17E-01	0.00E+00	4.40E+00	7.32E-07	4.40E+00	4.90E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.35E+01
MMN313	3.11E-03	5.19E-01	2.79E-02	4.97E-01	2.87E-12	0.00E+00	2.98E+00	5.57E-06	7.31E-04	4.32E-03	0.00E+00	-5.39E-04	5.55E-10	1.37E-08	1.92E-02	8.45E-01	0.00E+00	0.00E+00	2.35E+00	7.38E-03	4.12E+00	0.00E+00	3.33E-08	1.70E-08	1.24E-03	1.95E-07	4.12E-01	0.00E+00	4.12E+00	3.32E-07	4.12E+00	4.53E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.37E+01
MMN316	2.62E-03	5.39E-01	1.75E-02	5.13E-01	2.87E-12	0.00E+00	2.93E+00	6.08E-06	1.06E-03	5.00E-03	0.00E+00	-5.19E-04	5.59E-10	1.34E-08	1.95E-02	8.31E-01	0.00E+00	0.00E+00	2.34E+00	6.76E-03	4.40E+00	0.00E+00	3.61E-08	1.71E-08	1.28E-03	2.00E-07	4.17E-01	0.00E+00	4.40E+00	7.43E-07	4.40E+00	4.90E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.35E+01
MMN320	2.66E-03	5.35E-01	1.75E-02	5.10E-01	2.87E-12	0.00E+00	2.92E+00	6.00E-06	1.38E-03	4.98E-03	0.00E+00	-5.23E-04	5.52E-10	1.49E-08	1.94E-02	8.24E-01	0.00E+00	0.00E+00	2.29E+00	6.76E-03	4.34E+00	0.00E+00	3.59E-08	1.70E-08	1.28E-03	2.00E-07	4.10E-01	0.00E+00	4.34E+00	7.44E-07	4.34E+00	4.85E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.24E+01
MMN325	3.30E-03	5.40E-01	1.88E-02	5.15E-01	2.87E-12	0.00E+00	3.00E+00	6.10E-06	1.76E-03	5.00E-03	0.00E+00	-5.43E-04	5.77E-10	2.03E-08	1.98E-02	9.13E-01	0.00E+00	0.00E+00	2.70E+00	6.84E-03	4.40E+00	0.00E+00	3.62E-08	1.94E-08	1.40E-03	2.08E-07	4.70E-01	0.00E+00	4.40E+00	7.45E-07	4.40E+00	4.94E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.66E+01
MMN332	4.69E-03	5.44E-01	2.02E-02	5.18E-01	2.87E-12	0.00E+00	3.31E+00	6.39E-06	2.66E-03	5.03E-03	0.00E+00	-5.80E-04	5.97E-10	3.04E-08	2.12E-02	1.08E+00	0.00E+00	0.00E+00	2.78E+00	6.84E-03	4.51E+00	0.00E+00	3.71E-08	2.01E-08	1.45E-03	2.14E-07	4.91E-01	0.00E+00	4.51E+00	7.46E-07	4.51E+00	5.09E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MMN340	3.27E-03	5.42E-01	1.86E-02	5.20E-01	2.87E-12	0.00E+00	3.32E+00	6.40E-06	1.74E-03	5.03E-03	0.00E+00	-5.83E-04	5.88E-10	2.02E-08	2.14E-02	8.96E-01	0.00E+00	0.00E+00	2.62E+00	6.84E-03	4.45E+00	0.00E+00	3.66E-08	1.92E-08	1.41E-03	2.09E-07	4.61E-01	0.00E+00	4.45E+00	7.46E-07	4.45E+00	5.01E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.56E+01
MMN350	4.73E-03	5.46E-01	2.12E-02	5.20E-01	2.87E-12	0.00E+00	3.40E+00	6.44E-06	2.69E-03	5.04E-03	0.00E+00	-5.84E-04	5.99E-10	3.08E-08	2.16E-02	1.10E+00	0.00E+00	0.00E+00	2.83E+00	6.93E-03	4.52E+00	0.00E+00	3.72E-08	2.07E-08	1.46E-03	2.23E-07	5.00E-01	0.00E+00	4.52E+00	7.43E-07	4.52E+00	5.10E+00	5.00E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MMN363	4.74E-03	5.50E-01	2.12E-02	5.22E-01	2.87E-12	0.00E+00	3.43E+00	6.53E-06	2.69E-03	5.07E-03	0.00E+00	-5.82E-04	6.16E-10	3.10E-08	2.19E-02	1.11E+00	0.00E+00	0.00E+00	2.85E+00	6.96E-03	4.64E+00	0.00E+00	3.79E-08	2.07E-08	1.47E-03	2.23E-07	5.02E-01	0.00E+00	4.64E+00	7.49E-07	4.64E+00	5.21E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MMN400	4.90E-03	6.48E-01	3.04E-02	6.24E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	7.40E-04	5.43E-03	0.00E+00	-6.71E-04	8.09E-10	1.86E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.58E-03	5.88E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.32E-07	6.29E-01	0.00E+00	5.88E+00	4.05E-07	5.88E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN401	4.90E-03	6.48E-01	3.04E-02	6.24E-01	2.87E-12	0.00E+00	4.36E+00	8.04E-06	7.44E-04	5.43E-03	0.00E+00	-6.71E-04	8.08E-10	1.87E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.58E-03	5.88E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.32E-07	6.29E-01	0.00E+00	5.88E+00	3.97E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN402	4.90E-03	6.45E-01	3.02E-02	6.23E-01	2.87E-12	0.00E+00	4.28E+00	7.95E-06	7.17E-04	5.42E-03	0.00E+00	-6.70E-04	7.92E-10	1.86E-08	2.67E-02	1.23E+00	0.00E+00	0.00E+00	3.47E+00	8.28E-03	5.81E+00	0.00E+00	4.59E-08	2.35E-08	1.48E-03	2.29E-07	6.15E-01	0.00E+00	5.81E+00	3.97E-07	5.81E+00	6.39E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+02
MMN403	4.90E-03	6.45E-01	3.06E-02	6.23E-01	2.87E-12	0.00E+00	4.26E+00	7.90E-06	1.19E-03	5.41E-03	0.00E+00	-6.74E-04	7.85E-10	2.13E-08	2.66E-02	1.22E+00	0.00E+00	0.00E+00	3.44E+00	8.31E-03	5.75E+00	0.00E+00	4.55E-08	2.33E-08	1.49E-03	2.30E-07	6.06E-01	0.00E+00	5.75E+00	4.07E-07	5.75E+00	6.31E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+02
MMN404	4.86E-03	6.51E-01	2.49E-02	6.34E-01	2.87E-12	0.00E+00	4.51E+00	8.20E-06	7.63E-04	5.97E-03	0.00E+00	-6.73E-04	8.09E-10	1.89E-08	2.75E-02	1.22E+00	0.00E+00	0.00E+00	3.55E+00	4.35E-03	5.88E+00	0.00E+00	4.68E-08	2.42E-08	1.50E-03	1.74E-07	6.34E-01	0.00E+00	5.88E+00	9.49E-07	5.88E+00	6.45E+00	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
MMN406	4.91E-03	6.63E-01	3.05E-02	6.40E-01	2.87E-12	0.00E+00	4.38E+00	8.04E-06	8.00E-04	5.95E-03	0.00E+00	-6.77E-04	8.10E-10	1.91E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.69E-03	5.87E+00	0.00E+00	4.65E-08	2.41E-08	1.50E-03	2.34E-07	6.26E-01	0.00E+00	5.87E+00	9.23E-07	5.87E+00	6.51E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN410	4.91E-03	6.63E-01	2.47E-02	6.40E-01	2.87E-12	0.00E+00	4.38E+00	8.04E-06	7.99E-04	5.95E-03	0.00E+00	-6.75E-04	8.10E-10	1.91E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.69E-03	5.87E+00	0.00E+00	4.65E-08	2.41E-08	1.50E-03	2.37E-07	6.26E-01	0.00E+00	5.87E+00	9.22E-07	5.87E+00	6.51E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN413	4.91E-03	6.63E-01	2.47E-02	6.40E-01	2.87E-12	0.00E+00	4.38E+00	8.04E-06	8.28E-04	5.95E-03	0.00E+00	-6.76E-04	8.10E-10	1.94E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.69E-03	5.87E+00	0.00E+00	4.65E-08	2.41E-08	1.50E-03	2.36E-07	6.26E-01	0.00E+00	5.87E+00	9.22E-07	5.87E+00	6.51E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN416	4.92E-03	6.58E-01	3.05E-02	6.37E-01	2.87E-12	0.00E+00	4.36E+00	8.06E-06	1.21E-03	5.92E-03	0.00E+00	-6.75E-04	8.08E-10	2.17E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.70E-03	5.87E+00	0.00E+00	4.65E-08	2.42E-08	1.49E-03	2.33E-07	6.25E-01	0.00E+00	5.87E+00	3.48E-07	5.87E+00	6.50E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
MMN420	4.95E-03	6.63E-01	3.05E-02	6.40E-01	2.87E-12	0.00E+00	4.40E+00	8.16E-06	2.02E-03	5.95E-03	0.00E+00	-7.47E-04	8.14E-10	2.52E-08	2.72E-02	1.25E+00	0.00E+00	0.00E+00	3.62E+00	8.75E-03	5.94E+00	0.00E+00	4.67E-08	2.43E-08	1.51E-03	2.47E-07	6.42E-01	0.00E+00	5.94E+00	3.50E-07	5.94E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MMN425	5.35E-03	6.61E-01	3.08E-02	6.39E-01	2.87E-12	0.00E+00	4.41E+00	8.17E-06	3.00E-03	5.97E-03	0.00E+00	-7.55E-04	8.15E-10	3.42E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00	8.80E-03	5.95E+00	0.00E+00	4.67E-08	2.45E-08	1.66E-03	2.63E-07	6.42E-01	0.00E+00	5.95E+00	3.52E-07	5.95E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MMN432	6.06E-03	7.89E-01	2.55E-02	7.63E-01	2.87E-12	0.00E+00	4.44E+00	8.27E-06	3.53E-03	7.08E-03	0.00E+00	-7.55E-04	8.24E-10	3.98E-08	2.74E-02	1.34E+00	0.00E+00	0.00E+00	3.69E+00	8.80E-03	6.20E+00	0.00E+00	4.76E-08	2.56E-08	2.03E-03	2.73E-07	6.63E-01	0.00E+00	6.20E+00	9.57E-07	6.20E+00	6.85E+00	6.63E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MMN440	5.50E-03	7.74E-01	3.07E-02	7.51E-01	2.87E-12	0.00E+00	4.41E+00	8.29E-06	3.12E-03	6.95E-03	0.00E+00	-7.54E-04	8.21E-10	3.52E-08	2.73E-02	1.33E+00	0.00E+00	0.00E+00	3.69E+00	8.80E-03	6.07E+00	0.00E+00	4.71E-08	2.56E-08	2.02E-03	2.58E-07	6.59E-01	0.00E+00	6.07E+00	3.50E-07	6.07E+00	6.71E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MMN450	6.22E-03	7.89E-01	2.59E-02	7.63E-01	2.87E-12	0.00E+00	4.42E+00	8.32E-06	3.65E-03	7.13E-03	0.00E+00	-7.53E-04	8.36E-10	4.00E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.72E+00	8.87E-03	6.21E+00	0.00E+00	4.77E-08	2.60E-08	2.04E-03	2.76E-07	6.64E-01	0.00E+00	6.21E+00	9.48E-07	6.21E+00	6.87E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MMN463	6.28E-03	7.91E-01	3.14E-02	7.64E-01	2.87E-12	0.00E+00	4.41E+00	8.33E-06	3.66E-03	7.13E-03	0.00E+00	-7.36E-04	8.51E-10	4.03E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.73E+00	8.86E-03	6.23E+00	0.00E+00	4.79E-08	2.62E-08	2.05E-03	2.69E-07	6.63E-01	0.00E+00	6.23E+00	3.61E-07	6.23E+00	6.88E+00	6.63E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MN110P	9.21E-04	1.73E-01	5.54E-03	1.65E-01	2.87E-12	0.00E+00	9.45E-01	1.84E-06	4.27E-04	1.53E-03	0.00E+00	-1.54E-04	2.47E-10	5.05E-09	6.03E-03	2.79E-01	0.00E+00	0.00E+00	7.59E-01	2.09E-03	1.40E+00	0.00E+00	1.09E-08	5.69E-09	4.16E-04	5.89E-08	1.36E-01	0.00E+00	1.40E+00	3.58E-07	1.40E+00	1.52E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
MN110V3	9.47E-04	1.68E-01	5.63E-03	1.62E-01	2.87E-12	0.00E+00	9.46E-01	1.75E-06	4.57E-04	1.51E-03	0.00E+00	-1.13E-04	1.84E-10	5.28E-09	6.04E-03	2.93E-01	0.00E+00	0.00E+00	7.69E-01	1.74E-03	1.30E+00	0.00E+00	1.06E-08	5.63E-09	4.11E-04	5.13E-08	1.38E-01	0.00E+00	1.30E+00	2.16E-07	1.30E+00	1.45E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MN116P	1.19E-03	1.75E-01	5.76E-03	1.68E-01	2.87E-12	0.00E+00	1.02E+00	1.95E-06	5.61E-04	1.55E-03	0.00E+00	-1.54E-04	2.56E-10	6.68E-09	6.26E-03	3.26E-01	0.00E+00	0.00E+00	9.28E-01	2.09E-03	1.49E+00	0.00E+00	1.20E-08	7.04E-09	4.39E-04	5.89E-08	1.62E-01	0.00E+00	1.49E+00	3.85E-07	1.49E+00	1.66E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MN116V3	1.01E-03	1.68E-01	5.73E-03	1.63E-01	2.87E-12	0.00E+00	9.74E-01	1.81E-06	4.96E-04	1.51E-03	0.00E+00	-1.13E-04	1.91E-10	5.87E-09	6.08E-03	2.97E-01	0.00E+00	0.00E+00	8.02E-01	1.70E-03	1.33E+00	0.00E+00	1.07E-08	5.66E-09	4.13E-04	5.13E-08	1.43E-01	0.00E+00	1.33E+00	2.16E-07	1.33E+00	1.47E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
MN120P	1.20E-03	1.77E-01	5.77E-03	1.70E-01	2.87E-12	0.00E+00	1.08E+00	2.34E-06	5.66E-04	1.57E-03	0.00E+00	-1.54E-04	2.61E-10	6.81E-09	6.93E-03	3.34E-01	0.00E+00	0.00E+00	9.67E-01	2.10E-03	1.80E+00	0.00E+00	1.41E-08	7.59E-09	4.43E-04	5.88E-08	1.69E-01	0.00E+00	1.80E+00	3.88E-07	1.80E+00	2.01E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MN120V	8.90E-04	1.67E-01	5.03E-03	1.62E-01	2.87E-12	0.00E+00	9.69E-01	1.83E-06	4.24E-04	1.46E-03	0.00E+00	-6.16E-05	1.75E-10	5.24E-09	6.05E-03	2.53E-01	0.00E+00	0.00E+00	7.43E-01	1.12E-03	1.30E+00	0.00E+00	1.05E-08	5.19E-09	3.93E-04	4.02E-08	1.30E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
MN120V1	1.02E-03	1.69E-01	5.93E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.87E-06	5.06E-04	1.53E-03	0.00E+00	-1.08E-04	2.13E-10	6.25E-09	6.56E-03	2.93E-01	0.00E+00	0.00E+00	8.12E-01	1.64E-03	1.37E+00	0.00E+00	1.09E-08	5.80E-09	4.17E-04	5.11E-08	1.45E-01	0.00E+00	1.37E+00	2.25E-07	1.37E+00	1.51E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MN125P	1.59E-03	1.78E-01	5.97E-03	1.70E-01	2.87E-12	0.00E+00	1.11E+00	2.31E-06	1.03E-03	1.59E-03	0.00E+00	-1.54E-04	2.65E-10	1.07E-08	6.97E-03	3.42E-01	0.00E+00	0.00E+00	9.72E-01	2.07E-03	1.79E+00	0.00E+00	1.42E-08	7.64E-09	4.48E-04	5.88E-08	1.70E-01	0.00E+00	1.79E+00	3.34E-07	1.79E+00	2.00E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MN125V1	1.39E-03	1.69E-01	6.02E-03	1.63E-01	2.87E-12	0.00E+00	1.04E+00	1.88E-06	5.14E-04	1.54E-03	0.00E+00	-1.10E-04	2.15E-10	6.31E-09	6.56E-03	3.10E-01	0.00E+00	0.00E+00	8.63E-01	1.65E-03	1.37E+00	0.00E+00	1.10E-08	5.90E-09	4.28E-04	5.11E-08	1.54E-01	0.00E+00	1.37E+00	2.26E-07	1.37E+00	1.52E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MN132P	1.60E-03	1.83E-01	5.97E-03	1.74E-01	2.87E-12	0.00E+00	1.10E+00	2.37E-06	1.05E-03	1.60E-03	0.00E+00	-1.56E-04	2.66E-10	1.09E-08	7.04E-03	3.41E-01	0.00E+00	0.00E+00	9.76E-01	2.18E-03	1.81E+00	0.00E+00	1.43E-08	7.71E-09	4.52E-04	5.93E-08	1.70E-01	0.00E+00	1.81E+00	3.33E-07	1.81E+00	2.03E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MN132Z	1.56E-03	1.99E-01	6.14E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.16E-04	1.77E-03	0.00E+00	-7.64E-05	2.11E-10	9.85E-09	6.77E-03	3.53E-01	0.00E+00	0.00E+00	8.96E-01	1.16E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.95E-04	4.07E-08	1.60E-01	0.00E+00	1.51E+00	2.30E-07	1.51E+00	1.67E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MN140P	1.60E-03	1.83E-01	6.06E-03	1.74E-01	2.87E-12	0.00E+00	1.11E+00	2.34E-06	1.04E-03	1.60E-03	0.00E+00	-1.54E-04	2.67E-10	1.08E-08	7.06E-03	3.43E-01	0.00E+00	0.00E+00	9.74E-01	2.14E-03	1.80E+00	0.00E+00	1.43E-08	7.68E-09	4.52E-04	5.93E-08	1.71E-01	0.00E+00	1.80E+00	3.33E-07	1.80E+00	2.02E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MN140Z	1.58E-03	1.99E-01	6.09E-03	1.95E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.20E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	9.95E-09	6.75E-03	3.56E-01	0.00E+00	0.00E+00	8.99E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.60E-09	4.99E-04	3.98E-08	1.62E-01	0.00E+00	1.51E+00	2.26E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MN150Z	1.75E-03	2.04E-01	6.77E-03	1.98E-01	2.87E-12	0.00E+00	1.18E+00	2.20E-06	9.59E-04	1.84E-03	0.00E+00	-1.02E-04	2.26E-10	1.12E-08	7.38E-03	3.97E-01	0.00E+00	0.00E+00	1.02E+00	1.45E-03	1.64E+00	0.00E+00	1.33E-08	7.24E-09	5.30E-04	4.70E-08	1.81E-01	0.00E+00	1.64E+00	2.31E-07	1.64E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
MN163Z	1.86E-03	2.06E-01	6.82E-03	1.99E-01	2.87E-12	0.00E+00	1.17E+00	2.14E-06	1.37E-03	1.84E-03	0.00E+00	-1.04E-04	2.31E-10	1.28E-08	7.40E-03	3.95E-01	0.00E+00	0.00E+00	1.00E+00	1.46E-03	1.64E+00	0.00E+00	1.34E-08	7.26E-09	5.32E-04	4.75E-08	1.81E-01	0.00E+00	1.64E+00	2.30E-07	1.64E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.68E+01
MN206V	2.11E-03	3.29E-01	9.79E-03	3.16E-01	2.87E-12	0.00E+00	2.08E+00	3.83E-06	6.13E-04	2.88E-03	0.00E+00	-1.59E-04	3.43E-10	9.94E-09	1.32E-02	5.21E-01	0.00E+00	0.00E+00	1.69E+00	2.21E-03	2.95E+00	0.00E+00	2.37E-08	1.30E-08	9.42E-04	8.89E-08	3.17E-01	0.00E+00	2.95E+00	4.57E-07	2.95E+00	3.34E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	5.96E+01
MN210V	1.33E-03	2.13E-01	7.72E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.73E-06	5.04E-04	2.08E-03	0.00E+00	-7.78E-05	3.05E-10	6.85E-09	1.18E-02	4.58E-01	0.00E+00	0.00E+00	1.39E+00	1.06E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.07E-04	4.76E-08	2.41E-01	0.00E+00	2.79E+00	8.76E-07	2.79E+00	3.03E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.99E+01
MN210V33	1.33E-03	2.13E-01	7.72E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.08E-03	0.00E+00	-7.78E-05	3.05E-10	6.85E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.06E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.08E-04	4.76E-08	2.41E-01	0.00E+00	2.79E+00	8.77E-07	2.79E+00	3.03E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN216V	1.33E-03	2.12E-01	7.69E-03	2.04E-01	0.00E+00	0.00E+00	1.67E+00	3.71E-06	5.03E-04	2.07E-03	0.00E+00	-7.78E-05	3.01E-10	6.83E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.37E+00	1.06E-03	2.78E+00	0.00E+00	2.14E-08	1.03E-08	6.06E-04	4.75E-08	2.40E-01	0.00E+00	2.78E+00	8.72E-07	2.78E+00	3.02E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN216V33	1.33E-03	2.12E-01	7.69E-03	2.04E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.03E-04	2.07E-03	0.00E+00	-7.78E-05	3.01E-10	6.84E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.38E+00	1.06E-03	2.78E+00	0.00E+00	2.14E-08	1.04E-08	6.06E-04	4.75E-08	2.40E-01	0.00E+00	2.78E+00	8.73E-07	2.78E+00	3.02E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN220V	1.40E-03	2.14E-01	7.86E-03	2.06E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.78E-05	3.08E-10	7.36E-09	1.19E-02	4.68E-01	0.00E+00	0.00E+00	1.41E+00	1.06E-03	2.81E+00	0.00E+00	2.16E-08	1.05E-08	6.15E-04	4.77E-08	2.45E-01	0.00E+00	2.81E+00	8.75E-07	2.81E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MN220V33	1.40E-03	2.14E-01	7.86E-03	2.06E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.78E-05	3.08E-10	7.37E-09	1.19E-02	4.69E-01	0.00E+00	0.00E+00	1.41E+00	1.06E-03	2.81E+00	0.00E+00	2.16E-08	1.05E-08	6.16E-04	4.77E-08	2.45E-01	0.00E+00	2.81E+00	8.76E-07	2.81E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MN225V	1.96E-03	3.39E-01	9.99E-03	3.29E-01	0.00E+00	0.00E+00	1.99E+00	3.72E-06	9.87E-04	2.98E-03	0.00E+00	-1.48E-04	3.64E-10	1.16E-08	1.26E-02	5.47E-01	0.00E+00	0.00E+00	1.55E+00	1.99E-03	2.66E+00	0.00E+00	2.13E-08	1.07E-08	7.96E-04	7.42E-08	2.73E-01	0.00E+00	2.66E+00	4.83E-07	2.66E+00	2.93E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.59E+01
MN225V1	1.97E-03	3.35E-01	1.01E-02	3.25E-01	0.00E+00	0.00E+00	2.01E+00	3.80E-06	9.85E-04	2.95E-03	0.00E+00	-1.48E-04	3.73E-10	1.17E-08	1.28E-02	5.53E-01	0.00E+00	0.00E+00	1.59E+00	1.99E-03	2.72E+00	0.00E+00	2.17E-08	1.09E-08	7.96E-04	7.42E-08	2.78E-01	0.00E+00	2.72E+00	5.28E-07	2.72E+00	3.00E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
MN225Z	1.93E-03	3.32E-01	9.26E-03	3.22E-01	2.87E-12	0.00E+00	1.93E+00	3.65E-06	9.93E-04	2.91E-03	0.00E+00	-1.51E-04	3.31E-10	1.16E-08	1.22E-02	5.34E-01	0.00E+00	0.00E+00	1.54E+00	2.07E-03	2.61E+00	0.00E+00	2.08E-08	1.05E-08	7.76E-04	7.94E-08	2.70E-01	0.00E+00	2.61E+00	4.58E-07	2.61E+00	2.88E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	5.52E+01
MN232V	3.24E-03	3.94E-01	1.22E-02	3.82E-01	0.00E+00	0.00E+00	2.16E+00	3.93E-06	1.91E-03	3.51E-03	0.00E+00	-1.52E-04	4.20E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.89E-04	7.82E-08	3.27E-01	0.00E+00	3.01E+00	4.79E-07	3.01E+00	3.33E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN232V1	3.24E-03	3.94E-01	1.22E-02	3.82E-01	0.00E+00	0.00E+00	2.16E+00	3.93E-06	1.91E-03	3.51E-03	0.00E+00	-1.52E-04	4.20E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.89E-04	7.82E-08	3.27E-01	0.00E+00	3.01E+00	4.79E-07	3.01E+00	3.33E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN232Z	3.14E-03	3.96E-01	1.20E-02	3.85E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.79E-03	3.53E-03	0.00E+00	-1.61E-04	4.16E-10	1.98E-08	1.37E-02	7.10E-01	0.00E+00	0.00E+00	1.84E+00	2.13E-03	3.02E+00	0.00E+00	2.47E-08	1.33E-08	9.96E-04	8.12E-08	3.27E-01	0.00E+00	3.02E+00	4.80E-07	3.02E+00	3.34E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
MN240V	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.20E-10	2.09E-08	1.36E-02	7.19E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN240V1	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.20E-10	2.09E-08	1.36E-02	7.19E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN250Z	3.62E-03	4.10E-01	1.26E-02	3.92E-01	2.87E-12	0.00E+00	2.35E+00	4.38E-06	1.95E-03	3.64E-03	0.00E+00	-2.22E-04	4.13E-10	2.22E-08	1.45E-02	7.91E-01	0.00E+00	0.00E+00	2.05E+00	2.93E-03	3.20E+00	0.00E+00	2.58E-08	1.42E-08	1.04E-03	9.83E-08	3.60E-01	0.00E+00	3.20E+00	4.77E-07	3.20E+00	3.53E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MN263Z	4.77E-03	4.09E-01	1.32E-02	3.91E-01	2.87E-12	0.00E+00	2.36E+00	4.42E-06	2.85E-03	3.64E-03	0.00E+00	-2.34E-04	4.19E-10	3.18E-08	1.46E-02	8.19E-01	0.00E+00	0.00E+00	2.11E+00	3.16E-03	3.22E+00	0.00E+00	2.58E-08	1.47E-08	1.05E-03	1.20E-07	3.71E-01	0.00E+00	3.22E+00	4.87E-07	3.22E+00	3.54E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MN306Z	2.21E-03	4.72E-01	2.44E-02	4.60E-01	2.87E-12	0.00E+00	2.65E+00	4.97E-06	8.79E-04	4.19E-03	0.00E+00	-2.35E-04	4.54E-10	1.12E-08	1.73E-02	6.46E-01	0.00E+00	0.00E+00	1.94E+00	3.01E-03	3.61E+00	0.00E+00	2.89E-08	1.40E-08	1.08E-03	1.05E-07	3.49E-01	0.00E+00	3.61E+00	3.55E-07	3.61E+00	3.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MN310Z	2.32E-03	4.77E-01	2.44E-02	4.65E-01	2.87E-12	0.00E+00	2.74E+00	5.12E-06	1.07E-03	4.24E-03	0.00E+00	-2.12E-04	4.83E-10	1.24E-08	1.78E-02	6.52E-01	0.00E+00	0.00E+00	1.99E+00	2.78E-03	3.71E+00	0.00E+00	2.98E-08	1.45E-08	1.12E-03	1.02E-07	3.65E-01	0.00E+00	3.71E+00	3.67E-07	3.71E+00	4.08E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MN320Z	2.59E-03	4.91E-01	2.53E-02	4.77E-01	2.87E-12	0.00E+00	2.80E+00	5.25E-06	1.24E-03	4.28E-03	0.00E+00	-2.16E-04	5.09E-10	1.45E-08	1.81E-02	7.49E-01	0.00E+00	0.00E+00	2.16E+00	2.83E-03	3.78E+00	0.00E+00	3.03E-08	1.49E-08	1.14E-03	1.09E-07	3.82E-01	0.00E+00	3.78E+00	3.77E-07	3.78E+00	4.16E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
MN332Z	4.82E-03	5.94E-01	1.82E-02	5.74E-01	2.87E-12	0.00E+00	3.20E+00	5.76E-06	2.84E-03	5.25E-03	0.00E+00	-2.40E-04	6.18E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.08E-03	4.42E+00	0.00E+00	3.62E-08	1.96E-08	1.48E-03	1.22E-07	4.83E-01	0.00E+00	4.42E+00	6.67E-07	4.42E+00	4.91E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MN340Z	4.82E-03	5.64E-01	2.92E-02	5.45E-01	2.87E-12	0.00E+00	3.21E+00	5.76E-06	2.82E-03	4.73E-03	0.00E+00	-3.55E-04	6.19E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.41E+00	0.00E+00	3.59E-08	1.99E-08	1.40E-03	1.57E-07	4.82E-01	0.00E+00	4.41E+00	3.57E-07	4.41E+00	4.90E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MN363Z	5.75E-03	6.19E-01	3.13E-02	5.99E-01	2.87E-12	0.00E+00	3.68E+00	6.77E-06	3.51E-03	5.54E-03	0.00E+00	-3.53E-04	7.11E-10	3.81E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.80E-03	4.98E+00	0.00E+00	4.01E-08	2.22E-08	1.60E-03	1.65E-07	5.64E-01	0.00E+00	4.98E+00	3.80E-07	4.98E+00	5.54E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02

MN463Z	7.59E-03	8.30E-01	2.89E-02	8.01E-01	2.87E-12	0.00E+00	4.98E+00	9.13E-06	4.56E-03	7.43E-03	0.00E+00	-4.31E-04	9.63E-10	5.04E-08	3.02E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	5.46E-03	6.70E+00	0.00E+00	5.39E-08	2.97E-08	2.13E-03	1.97E-07	7.54E-01	0.00E+00	6.70E+00	1.01E-06	6.70E+00	7.46E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MN506V	1.39E-03	3.28E-01	9.12E-03	3.16E-01	2.87E-12	0.00E+00	1.81E+00	3.45E-06	5.53E-04	2.86E-03	0.00E+00	-1.46E-04	3.15E-10	7.22E-09	1.19E-02	4.97E-01	0.00E+00	0.00E+00	1.37E+00	1.79E-03	2.50E+00	0.00E+00	2.02E-08	9.77E-09	7.51E-04	6.81E-08	2.41E-01	0.00E+00	2.50E+00	4.33E-07	2.50E+00	2.76E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.82E+01
MN510V	1.33E-03	2.13E-01	7.72E-03	2.06E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.09E-03	0.00E+00	-7.65E-05	3.05E-10	6.85E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.04E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.09E-04	4.72E-08	2.42E-01	0.00E+00	2.80E+00	8.80E-07	2.80E+00	3.04E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN510V7	1.33E-03	2.13E-01	7.72E-03	2.06E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.09E-03	0.00E+00	-7.65E-05	3.06E-10	6.86E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.04E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.09E-04	4.72E-08	2.42E-01	0.00E+00	2.80E+00	8.80E-07	2.80E+00	3.04E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN516V	1.33E-03	2.13E-01	7.69E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.04E-04	2.08E-03	0.00E+00	-7.65E-05	3.01E-10	6.83E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.38E+00	1.04E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.07E-04	4.72E-08	2.40E-01	0.00E+00	2.79E+00	8.75E-07	2.79E+00	3.03E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN516V33	1.33E-03	2.13E-01	7.69E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.04E-04	2.08E-03	0.00E+00	-7.65E-05	3.01E-10	6.84E-09	1.18E-02	4.58E-01	0.00E+00	0.00E+00	1.38E+00	1.04E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.08E-04	4.72E-08	2.40E-01	0.00E+00	2.79E+00	8.76E-07	2.79E+00	3.03E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MN520V	1.40E-03	2.15E-01	7.86E-03	2.07E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.65E-05	3.08E-10	7.37E-09	1.19E-02	4.69E-01	0.00E+00	0.00E+00	1.41E+00	1.04E-03	2.82E+00	0.00E+00	2.17E-08	1.05E-08	6.17E-04	4.74E-08	2.45E-01	0.00E+00	2.82E+00	8.79E-07	2.82E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MN520V7	1.40E-03	2.15E-01	7.86E-03	2.07E-01	0.00E+00	0.00E+00	1.71E+00	3.78E-06	5.53E-04	2.10E-03	0.00E+00	-7.65E-05	3.09E-10	7.37E-09	1.19E-02	4.70E-01	0.00E+00	0.00E+00	1.41E+00	1.04E-03	2.82E+00	0.00E+00	2.17E-08	1.05E-08	6.17E-04	4.74E-08	2.45E-01	0.00E+00	2.82E+00	8.79E-07	2.82E+00	3.07E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MN525V	2.01E-03	3.23E-01	8.92E-03	3.14E-01	0.00E+00	0.00E+00	1.80E+00	3.27E-06	1.07E-03	2.84E-03	0.00E+00	-8.36E-05	3.15E-10	1.23E-08	1.16E-02	5.24E-01	0.00E+00	0.00E+00	1.40E+00	1.14E-03	2.44E+00	0.00E+00	1.98E-08	1.01E-08	7.64E-04	5.19E-08	2.51E-01	0.00E+00	2.44E+00	4.15E-07	2.44E+00	2.69E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MN525V1	2.02E-03	3.19E-01	8.96E-03	3.10E-01	0.00E+00	0.00E+00	1.81E+00	3.33E-06	1.07E-03	2.82E-03	0.00E+00	-8.36E-05	3.20E-10	1.23E-08	1.17E-02	5.28E-01	0.00E+00	0.00E+00	1.42E+00	1.14E-03	2.49E+00	0.00E+00	2.01E-08	1.02E-08	7.64E-04	5.19E-08	2.54E-01	0.00E+00	2.49E+00	4.47E-07	2.49E+00	2.74E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MN532V	3.23E-03	3.92E-01	1.21E-02	3.80E-01	0.00E+00	0.00E+00	2.15E+00	3.87E-06	1.91E-03	3.49E-03	0.00E+00	-1.52E-04	3.97E-10	2.09E-08	1.36E-02	7.16E-01	0.00E+00	0.00E+00	1.80E+00	2.05E-03	2.99E+00	0.00E+00	2.44E-08	1.31E-08	9.84E-04	7.82E-08	3.21E-01	0.00E+00	2.99E+00	4.59E-07	2.99E+00	3.31E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
MN532V1	3.23E-03	3.92E-01	1.21E-02	3.80E-01	0.00E+00	0.00E+00	2.15E+00	3.87E-06	1.91E-03	3.49E-03	0.00E+00	-1.52E-04	3.97E-10	2.09E-08	1.36E-02	7.16E-01	0.00E+00	0.00E+00	1.80E+00	2.05E-03	2.99E+00	0.00E+00	2.44E-08	1.31E-08	9.84E-04	7.82E-08	3.21E-01	0.00E+00	2.99E+00	4.59E-07	2.99E+00	3.31E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
MN540V	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.36E-02	7.20E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN540V1	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.36E-02	7.20E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN906V	9.29E-04	1.64E-01	5.21E-03	1.59E-01	2.87E-12	0.00E+00	9.29E-01	1.67E-06	4.46E-04	1.42E-03	0.00E+00	-1.30E-04	1.72E-10	5.42E-09	5.83E-03	2.71E-01	0.00E+00	0.00E+00	7.36E-01	1.89E-03	1.29E+00	0.00E+00	1.03E-08	5.56E-09	3.89E-04	5.83E-08	1.31E-01	0.00E+00	1.29E+00	2.02E-07	1.29E+00	1.41E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
MN910V	8.76E-04	1.60E-01	5.06E-03	1.55E-01	0.00E+00	0.00E+00	8.68E-01	1.61E-06	4.37E-04	1.40E-03	0.00E+00	-1.45E-04	1.65E-10	5.09E-09	5.54E-03	2.42E-01	0.00E+00	0.00E+00	6.85E-01	1.92E-03	1.19E+00	0.00E+00	9.62E-09	4.86E-09	3.70E-04	5.85E-08	1.21E-01	0.00E+00	1.19E+00	2.11E-07	1.19E+00	1.31E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MN916V	9.07E-04	1.61E-01	5.13E-03	1.56E-01	0.00E+00	0.00E+00	8.80E-01	1.63E-06	4.59E-04	1.41E-03	0.00E+00	-1.45E-04	1.67E-10	5.33E-09	5.59E-03	2.47E-01	0.00E+00	0.00E+00	6.96E-01	1.92E-03	1.20E+00	0.00E+00	9.71E-09	4.92E-09	3.74E-04	5.86E-08	1.23E-01	0.00E+00	1.20E+00	2.11E-07	1.20E+00	1.32E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MN920V	1.42E-03	1.69E-01	6.01E-03	1.63E-01	0.00E+00	0.00E+00	9.71E-01	1.77E-06	8.46E-04	1.50E-03	0.00E+00	-1.46E-04	1.90E-10	9.30E-09	5.91E-03	3.15E-01	0.00E+00	0.00E+00	8.22E-01	1.94E-03	1.30E+00	0.00E+00	1.06E-08	5.73E-09	4.25E-04	5.92E-08	1.45E-01	0.00E+00	1.30E+00	1.92E-07	1.30E+00	1.45E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MN925V	1.61E-03	1.72E-01	6.35E-03	1.66E-01	0.00E+00	0.00E+00	1.01E+00	1.84E-06	9.82E-04	1.54E-03	0.00E+00	-1.46E-04	2.02E-10	1.07E-08	6.06E-03	3.41E-01	0.00E+00	0.00E+00	8.76E-01	1.94E-03	1.35E+00	0.00E+00	1.09E-08	6.05E-09	4.45E-04	5.94E-08	1.54E-01	0.00E+00	1.35E+00	1.89E-07	1.35E+00	1.50E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MN932V	1.70E-03	1.74E-01	6.55E-03	1.68E-01	0.00E+00	0.00E+00	1.04E+00	1.89E-06	1.05E-03	1.56E-03	0.00E+00	-1.46E-04	2.05E-10	1.14E-08	6.20E-03	3.56E-01	0.00E+00	0.00E+00	9.02E-01	1.94E-03	1.38E+00	0.00E+00	1.12E-08	6.23E-09	4.56E-04	5.96E-08	1.59E-01	0.00E+00	1.38E+00	1.86E-07	1.38E+00	1.54E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MN940V	1.59E-03	1.72E-01	6.24E-03	1.66E-01	2.87E-12	0.00E+00	9.96E-01	1.75E-06	1.06E-03	1.54E-03	0.00E+00	-1.50E-04	1.94E-10	1.12E-08	6.07E-03	3.32E-01	0.00E+00	0.00E+00	8.54E-01	1.95E-03	1.35E+00	0.00E+00	1.09E-08	6.02E-09	4.40E-04	5.93E-08	1.51E-01	0.00E+00	1.35E+00	2.03E-07	1.35E+00	1.50E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
MNN106P	8.93E-04	1.74E-01	5.69E-03	1.64E-01	2.87E-12	0.00E+00	9.65E-01	2.20E-06	4.18E-04	1.57E-03	0.00E+00	-1.62E-04	2.48E-10	5.19E-09	6.80E-03	2.89E-01	0.00E+00	0.00E+00	8.78E-01	2.01E-03	1.75E+00	0.00E+00	1.39E-08	7.52E-09	4.17E-04	5.92E-08	1.50E-01	0.00E+00	1.75E+00	3.03E-07	1.75E+00	1.98E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MNN110P	9.33E-04	1.73E-01	6.21E-03	1.62E-01	2.87E-12	0.00E+00	9.46E-01	1.86E-06	4.27E-04	1.55E-03	0.00E+00	-1.61E-04	2.62E-10	4.98E-09	6.16E-03	2.80E-01	0.00E+00	0.00E+00	8.06E-01	2.08E-03	1.44E+00	0.00E+00	1.15E-08	6.38E-09	4.15E-04	5.93E-08	1.41E-01	0.00E+00	1.44E+00	3.49E-07	1.44E+00	1.61E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MNN116P	1.37E-03	1.72E-01	5.88E-03	1.62E-01	2.87E-12	0.00E+00	1.03E+00	2.12E-06	6.24E-04	1.55E-03	0.00E+00	-1.63E-04	2.59E-10	7.95E-09	6.44E-03	3.47E-01	0.00E+00	0.00E+00	9.65E-01	2.09E-03	1.53E+00	0.00E+00	1.23E-08	7.37E-09	4.44E-04	5.90E-08	1.67E-01	0.00E+00	1.53E+00	3.58E-07	1.53E+00	1.75E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MNN120P	1.37E-03	1.72E-01	5.85E-03	1.62E-01	2.87E-12	0.00E+00	1.03E+00	2.12E-06	6.24E-04	1.55E-03	0.00E+00	-1.63E-04	2.59E-10	7.95E-09	6.44E-03	3.46E-01	0.00E+00	0.00E+00	9.65E-01	2.09E-03	1.53E+00	0.00E+00	1.23E-08	7.37E-09	4.44E-04	5.90E-08	1.67E-01	0.00E+00	1.53E+00	3.58E-07	1.53E+00	1.75E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MNN125P	1.62E-03	1.74E-01	6.02E-03	1.64E-01	2.87E-12	0.00E+00	1.07E+00	2.28E-06	1.03E-03	1.58E-03	0.00E+00	-1.62E-04	2.66E-10	1.07E-08	6.98E-03	3.47E-01	0.00E+00	0.00E+00	9.72E-01	2.16E-03	1.78E+00	0.00E+00	1.42E-08	7.66E-09	4.50E-04	5.99E-08	1.68E-01	0.00E+00	1.78E+00	3.01E-07	1.78E+00	2.01E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MNN132P	1.63E-03	1.82E-01	6.17E-03	1.72E-01	2.87E-12	0.00E+00	1.07E+00	2.35E-06	1.04E-03	1.60E-03	0.00E+00	-1.61E-04	2.66E-10	1.07E-08	7.10E-03	3.50E-01	0.00E+00	0.00E+00	9.76E-01	2.15E-03	1.83E+00	0.00E+00	1.45E-08	7.76E-09	4.52E-04	5.96E-08	1.70E-01	0.00E+00	1.83E+00	3.02E-07	1.83E+00	2.08E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MNN140P	1.62E-03	1.83E-01	6.24E-03	1.73E-01	2.87E-12	0.00E+00	1.08E+00	2.33E-06	1.04E-03	1.60E-03	0.00E+00	-1.62E-04	2.67E-10	1.09E-08	7.17E-03	3.50E-01	0.00E+00	0.00E+00	9.76E-01	2.18E-03	1.84E+00	0.00E+00	1.45E-08	7.77E-09	4.52E-04	6.04E-08	1.69E-01	0.00E+00	1.84E+00	3.01E-07	1.84E+00	2.09E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MNU106P	8.92E-04	1.76E-01	5.64E-03	1.69E-01	2.87E-12	0.00E+00	1.00E+00	2.17E-06	4.15E-04	1.56E-03	0.00E+00	-1.54E-04	2.48E-10	5.22E-09	6.49E-03	2.88E-01	0.00E+00	0.00E+00	8.72E-01	2.03E-03	1.60E+00	0.00E+00	1.28E-08	7.33E-09	4.16E-04	5.87E-08	1.51E-01	0.00E+00	1.60E+00	3.33E-07	1.60E+00	1.79E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MNU110P	9.20E-04	1.73E-01	5.53E-03	1.66E-01	2.87E-12	0.00E+00	9.45E-01	1.85E-06	4.23E-04	1.54E-03	0.00E+00	-1.54E-04	2.47E-10	5.03E-09	6.05E-03	2.79E-01	0.00E+00	0.00E+00	7.59E-01	2.10E-03	1.40E+00	0.00E+00	1.09E-08	5.69E-09	4.16E-04	5.89E-08	1.36E-01	0.00E+00	1.40E+00	3.58E-07	1.40E+00	1.52E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
MNU116P	1.18E-03	1.71E-01	5.75E-03	1.64E-01	2.87E-12	0.00E+00	9.68E-01	1.84E-06	5.69E-04	1.53E-03	0.00E+00	-1.54E-04	2.52E-10	6.75E-09	6.03E-03	3.05E-01	0.00E+00	0.00E+00	7.97E-01	2.10E-03	1.40E+00	0.00E+00	1.10E-08	5.75E-09	4.29E-04	5.91E-08	1.41E-01	0.00E+00	1.40E+00	3.59E-07	1.40E+00	1.54E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MNU120P	1.20E-03	1.76E-01	5.77E-03	1.69E-01	2.87E-12	0.00E+00	1.06E+00	2.24E-06	5.66E-04	1.56E-03	0.00E+00	-1.54E-04	2.60E-10	6.81E-09	6.62E-03	3.31E-01	0.00E+00	0.00E+00	9.62E-01	2.09E-03	1.65E+00	0.00E+00	1.30E-08	7.41E-09	4.42E-04	5.88E-08	1.68E-01	0.00E+00	1.65E+00	3.88E-07	1.65E+00	1.83E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MNU125P	1.60E-03	1.78E-01	5.97E-03	1.70E-01	2.87E-12	0.00E+00	1.11E+00	2.31E-06	1.03E-03	1.59E-03	0.00E+00	-1.54E-04	2.65E-10	1.07E-08	6.97E-03	3.44E-01	0.00E+00	0.00E+00	9.74E-01	2.07E-03	1.79E+00	0.00E+00	1.42E-08	7.64E-09	4.48E-04	5.88E-08	1.72E-01	0.00E+00	1.79E+00	3.32E-07	1.79E+00	2.00E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MNU132P	1.60E-03	1.78E-01	5.95E-03	1.71E-01	2.87E-12	0.00E+00	1.10E+00	2.37E-06	1.05E-03	1.59E-03	0.00E+00	-1.56E-04	2.66E-10	1.09E-08	7.04E-03	3.41E-01	0.00E+00	0.00E+00	9.74E-01	2.18E-03	1.81E+00	0.00E+00	1.43E-08	7.68E-09	4.51E-04	5.93E-08	1.70E-01	0.00E+00	1.81E+00	3.33E-07	1.81E+00	2.02E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MNU140P	1.59E-03	1.83E-01	6.04E-03	1.74E-01	2.87E-12	0.00E+00	1.11E+00	2.34E-06	1.02E-03	1.60E-03	0.00E+00	-1.55E-04	2.67E-10	1.09E-08	7.06E-03	3.43E-01	0.00E+00	0.00E+00	9.74E-01	2.15E-03	1.80E+00	0.00E+00	1.43E-08	7.68E-09	4.52E-04	5.94E-08	1.71E-01	0.00E+00	1.80E+00	3.33E-07	1.80E+00	2.02E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MNU216K	1.42E-03	3.05E-01	1.15E-02	2.91E-01	2.87E-12	0.00E+00	1.81E+00	3.62E-06	6.26E-04	2.82E-03	0.00E+00	-2.10E-04	3.32E-10	8.23E-09	1.21E-02	5.90E-01	0.00E+00	0.00E+00	1.39E+00	4.27E-03	2.64E+00	0.00E+00	2.06E-08	1.00E-08	7.63E-04	1.15E-07	2.42E-01	0.00E+00	2.64E+00	7.27E-07	2.64E+00	2.87E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.01E+01
MNU220K	1.25E-03	1.51E-01	4.76E-03	1.42E-01	2.87E-12	0.00E+00	7.47E-01	1.70E-06	6.67E-04	1.21E-03	0.00E+00	-1.77E-04	1.27E-10	7.84E-09	4.78E-03	2.12E-01	0.00E+00	0.00E+00	5.91E-01	3.18E-03	1.20E+00	0.00E+00	9.07E-09	4.21E-09	3.23E-04	7.87E-08	1.04E-01	0.00E+00	1.20E+00	4.62E-07	1.20E+00	1.32E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
MNU225K	1.50E-03	1.52E-01	4.86E-03	1.43E-01	2.87E-12	0.00E+00	7.46E-01	1.70E-06	1.11E-03	1.22E-03	0.00E+00	-1.75E-04	1.26E-10	1.11E-08	4.77E-03	2.12E-01	0.00E+00	0.00E+00	5.90E-01	3.26E-03	1.19E+00	0.00E+00	9.02E-09	4.22E-09	3.24E-04	9.16E-08	1.04E-01	0.00E+00	1.19E+00	5.18E-07	1.19E+00	1.31E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MNU232K	1.50E-03	1.52E-01	4.87E-03	1.43E-01	2.87E-12	0.00E+00	7.51E-01	1.71E-06	1.09E-03	1.22E-03	0.00E+00	-1.73E-04	1.26E-10	1.11E-08	4.77E-03	2.12E-01	0.00E+00	0.00E+00	5.89E-01	3.12E-03	1.20E+00	0.00E+00	9.02E-09	4.22E-09	3.24E-04	8.95E-08	1.04E-01	0.00E+00	1.20E+00	5.20E-07	1.20E+00	1.31E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MNU240K	3.06E-03	3.64E-01	1.29E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.86E-06	1.55E-03	3.26E-03	0.00E+00	-2.69E-04	3.97E-10	1.81E-08	1.49E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.79E-03	3.81E+00	0.00E+00	2.98E-08	1.53E-08	9.79E-04	1.20E-07	3.46E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MNU250K	3.08E-03	3.30E-01	1.47E-02	3.12E-01	2.87E-12	0.00E+00	2.34E+00	4.95E-06	1.39E-03	3.17E-03	0.00E+00	-4.98E-04	4.42E-10	1.78E-08	1.50E-02	7.80E-01	0.00E+00	0.00E+00	2.01E+00	5.28E-03	3.84E+00	0.00E+00	2.98E-08	1.49E-08	9.95E-04	1.84E-07	3.57E-01	0.00E+00	3.84E+00	1.40E-06	3.84E+00	4.15E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MNU263K	3.49E-03	1.61E-01	5.13E-03	1.51E-01	2.87E-12	0.00E+00	7.39E-01	1.67E-06	2.10E-03	1.25E-03	0.00E+00	-4.18E-04	1.26E-10	2.27E-08	4.77E-03	2.13E-01	0.00E+00	0.00E+00	5.89E-01	5.41E-03	1.19E+00	0.00E+00	8.97E-09	4.18E-09	3.24E-04	1.52E-07	1.04E-01	0.00E+00	1.19E+00	5.27E-07	1.19E+00	1.29E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
MP120E	1.41E-03	1.81E-01	6.16E-03	1.78E-01	2.87E-12	0.00E+00	1.05E+00	1.90E-06	8.15E-04	1.57E-03	0.00E+00	-1.08E-04	2.22E-10	9.13E-09	6.77E-03	3.13E-01	0.00E+00	0.00E+00	8.86E-01	1.64E-03	1.40E+00	0.00E+00	1.12E-08	5.98E-09	4.42E-04	5.10E-08	1.57E-01	0.00E+00	1.40E+00	2.25E-07	1.40E+00	1.55E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
MP215P	2.25E-03	3.07E-01	1.15E-02	2.93E-01	2.87E-12	0.00E+00	2.13E+00	3.78E-06	7.80E-04	2.82E-03	0.00E+00	-1.22E-04	3.62E-10	1.22E-08	1.34E-02	5.55E-01	0.00E+00	0.00E+00	1.68E+00	2.06E-03	2.99E+00	0.00E+00	2.41E-08	1.27E-08	9.47E-04	9.46E-08	3.09E-01	0.00E+00	2.99E+00	3.86E-07	2.99E+00	3.31E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	5.88E+01
MP220P	2.26E-03	3.85E-01	1.15E-02	3.69E-01	2.87E-12	0.00E+00	2.13E+00	3.79E-06	7.88E-04	3.39E-03	0.00E+00	-1.23E-04	3.69E-10	1.22E-08	1.34E-02	5.60E-01	0.00E+00	0.00E+00	1.69E+00	2.32E-03	2.95E+00	0.00E+00	2.40E-08	1.27E-08	9.79E-04	9.12E-08	3.10E-01	0.00E+00	2.95E+00	3.84E-07	2.95E+00	3.25E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
MP225P	2.32E-03	3.85E-01	1.15E-02	3.70E-01	2.87E-12	0.00E+00	2.14E+00	3.82E-06	1.33E-03	3.40E-03	0.00E+00	-1.27E-04	3.69E-10	1.47E-08	1.34E-02	5.67E-01	0.00E+00	0.00E+00	1.70E+00	2.29E-03	2.97E+00	0.00E+00	2.41E-08	1.27E-08	9.82E-04	9.18E-08	3.11E-01	0.00E+00	2.97E+00	3.84E-07	2.97E+00	3.28E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	5.97E+01
MR106	1.01E-03	1.39E-01	6.51E-03	1.33E-01	2.87E-12	0.00E+00	1.01E+00	2.49E-06	4.46E-04	1.39E-03	0.00E+00	-1.62E-04	1.88E-10	5.42E-09	7.47E-03	3.07E-01	0.00E+00	0.00E+00	9.07E-01	3.48E-03	1.89E+00	0.00E+00	1.48E-08	7.45E-09	4.20E-04	1.00E-07	1.55E-01	0.00E+00	1.89E+00	5.79E-07	1.89E+00	2.07E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MR110	9.30E-04	1.52E-01	5.20E-03	1.46E-01	2.87E-12	0.00E+00	9.33E-01	1.91E-06	4.48E-04	1.40E-03	0.00E+00	-1.77E-04	1.72E-10	5.28E-09	5.95E-03	2.68E-01	0.00E+00	0.00E+00	7.37E-01	3.10E-03	1.42E+00	0.00E+00	1.09E-08	5.48E-09	3.84E-04	7.84E-08	1.31E-01	0.00E+00	1.42E+00	4.79E-07	1.42E+00	1.53E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
MR116	9.22E-04	1.47E-01	5.73E-03	1.40E-01	2.87E-12	0.00E+00	9.39E-01	1.95E-06	4.40E-04	1.40E-03	0.00E+00	-1.79E-04	1.79E-10	5.19E-09	6.19E-03	2.77E-01	0.00E+00	0.00E+00	7.58E-01	3.16E-03	1.45E+00	0.00E+00	1.12E-08	5.63E-09	4.03E-04	7.88E-08	1.35E-01	0.00E+00	1.45E+00	4.81E-07	1.45E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MR120	9.39E-04	1.47E-01	5.93E-03	1.40E-01	2.87E-12	0.00E+00	9.68E-01	1.98E-06	4.54E-04	1.40E-03	0.00E+00	-1.78E-04	1.83E-10	5.58E-09	6.28E-03	2.79E-01	0.00E+00	0.00E+00	7.78E-01	2.70E-03	1.47E+00	0.00E+00	1.13E-08	5.64E-09	4.07E-04	7.46E-08	1.36E-01	0.00E+00	1.47E+00	4.85E-07	1.47E+00	1.59E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
MR125	9.56E-04	1.37E-01	6.11E-03	1.31E-01	2.87E-12	0.00E+00	9.93E-01	2.02E-06	4.51E-04	1.39E-03	0.00E+00	-1.58E-04	1.84E-10	5.56E-09	6.34E-03	2.84E-01	0.00E+00	0.00E+00	7.92E-01	2.89E-03	1.48E+00	0.00E+00	1.13E-08	5.68E-09	4.06E-04	8.43E-08	1.38E-01	0.00E+00	1.48E+00	5.19E-07	1.48E+00	1.60E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MR132	1.42E-03	1.66E-01	7.49E-03	1.54E-01	2.87E-12	0.00E+00	1.11E+00	2.59E-06	7.35E-04	1.54E-03	0.00E+00	-1.71E-04	2.05E-10	8.22E-09	7.80E-03	3.55E-01	0.00E+00	0.00E+00	1.00E+00	3.70E-03	1.99E+00	0.00E+00	1.52E-08	7.95E-09	4.59E-04	1.03E-07	1.73E-01	0.00E+00	1.99E+00	5.85E-07	1.99E+00	2.18E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.60E+01
MR202	2.21E-03	3.07E-01	1.29E-02	2.95E-01	2.87E-12	0.00E+00	2.15E+00	3.87E-06	8.42E-04	2.79E-03	0.00E+00	-1.25E-04	4.13E-10	1.15E-08	1.51E-02	5.55E-01	0.00E+00	0.00E+00	1.66E+00	2.24E-03	2.98E+00	0.00E+00	2.42E-08	1.26E-08	9.05E-04	1.00E-07	3.02E-01	0.00E+00	2.98E+00	6.18E-07	2.98E+00	3.31E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
MR210	1.60E-03	2.90E-01	8.39E-03	2.80E-01	2.87E-12	0.00E+00	1.72E+00	3.31E-06	6.63E-04	2.64E-03	0.00E+00	-1.84E-04	2.98E-10	9.08E-09	1.15E-02	4.85E-01	0.00E+00	0.00E+00	1.36E+00	3.44E-03	2.41E+00	0.00E+00	1.94E-08	1.01E-08	6.89E-04	8.94E-08	2.39E-01	0.00E+00	2.41E+00	5.07E-07	2.41E+00	2.66E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MR216	1.63E-03	2.97E-01	8.63E-03	2.88E-01	2.87E-12	0.00E+00	1.78E+00	3.44E-06	6.83E-04	2.78E-03	0.00E+00	-1.64E-04	3.06E-10	9.34E-09	1.16E-02	5.19E-01	0.00E+00	0.00E+00	1.36E+00	3.43E-03	2.50E+00	0.00E+00	2.02E-08	1.01E-08	7.58E-04	8.94E-08	2.41E-01	0.00E+00	2.50E+00	5.05E-07	2.50E+00	2.75E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.88E+01
MR220	1.67E-03	2.98E-01	9.19E-03	2.89E-01	2.87E-12	0.00E+00	1.79E+00	3.49E-06	7.32E-04	2.79E-03	0.00E+00	-1.67E-04	3.12E-10	9.75E-09	1.17E-02	5.29E-01	0.00E+00	0.00E+00	1.42E+00	3.06E-03	2.53E+00	0.00E+00	2.03E-08	1.03E-08	7.62E-04	8.80E-08	2.44E-01	0.00E+00	2.53E+00	5.10E-07	2.53E+00	2.79E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MR232	2.91E-03	3.64E-01	1.22E-02	3.46E-01	2.87E-12	0.00E+00	2.23E+00	4.89E-06	1.27E-03	3.27E-03	0.00E+00	-2.16E-04	3.96E-10	1.58E-08	1.49E-02	7.36E-01	0.00E+00	0.00E+00	1.95E+00	3.43E-03	3.81E+00	0.00E+00	2.97E-08	1.47E-08	9.78E-04	1.09E-07	3.46E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.09E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MR240	3.05E-03	3.64E-01	1.29E-02	3.46E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.46E-03	3.27E-03	0.00E+00	-2.62E-04	3.98E-10	1.79E-08	1.49E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.87E-03	3.81E+00	0.00E+00	2.98E-08	1.52E-08	9.81E-04	1.22E-07	3.46E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MR263	4.16E-03	3.24E-01	1.55E-02	3.04E-01	2.87E-12	0.00E+00	2.34E+00	5.04E-06	2.19E-03	3.15E-03	0.00E+00	-5.04E-04	4.44E-10	2.59E-08	1.51E-02	8.12E-01	0.00E+00	0.00E+00	2.09E+00	6.56E-03	3.88E+00	0.00E+00	3.01E-08	1.58E-08	9.98E-04	2.14E-07	3.70E-01	0.00E+00	3.88E+00	1.40E-06	3.88E+00	4.21E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.72E+01
MR310	2.50E-03	4.23E-01	2.46E-02	4.19E-01	2.87E-12	0.00E+00	2.62E+00	5.23E-06	1.10E-03	4.00E-03	0.00E+00	-3.03E-04	4.62E-10	1.32E-08	1.81E-02	6.95E-01	0.00E+00	0.00E+00	1.94E+00	4.14E-03	3.74E+00	0.00E+00	2.95E-08	1.45E-08	1.03E-03	1.19E-07	3.47E-01	0.00E+00	3.74E+00	4.04E-07	3.74E+00	4.03E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
MR316	2.64E-03	4.05E-01	2.55E-02	4.10E-01	2.87E-12	0.00E+00	2.66E+00	5.32E-06	1.22E-03	4.02E-03	0.00E+00	-3.03E-04	4.77E-10	1.48E-08	1.88E-02	7.37E-01	0.00E+00	0.00E+00	2.06E+00	4.22E-03	3.78E+00	0.00E+00	3.01E-08	1.47E-08	1.05E-03	1.24E-07	3.60E-01	0.00E+00	3.78E+00	4.05E-07	3.78E+00	4.10E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MR320	2.74E-03	4.09E-01	2.59E-02	4.14E-01	2.87E-12	0.00E+00	2.70E+00	5.36E-06	1.27E-03	4.09E-03	0.00E+00	-3.08E-04	4.77E-10	1.56E-08	1.88E-02	7.58E-01	0.00E+00	0.00E+00	2.07E+00	3.99E-03	3.81E+00	0.00E+00	3.02E-08	1.51E-08	1.08E-03	1.23E-07	3.66E-01	0.00E+00	3.81E+00	4.08E-07	3.81E+00	4.14E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
MR325	3.13E-03	3.84E-01	1.65E-02	3.78E-01	2.87E-12	0.00E+00	3.01E+00	7.13E-06	1.46E-03	4.04E-03	0.00E+00	-4.32E-04	5.35E-10	1.80E-08	2.27E-02	9.46E-01	0.00E+00	0.00E+00	2.60E+00	6.07E-03	5.59E+00	0.00E+00	4.22E-08	2.08E-08	1.23E-03	1.64E-07	4.60E-01	0.00E+00	5.59E+00	1.75E-06	5.59E+00	5.98E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.48E+01
MR332	4.45E-03	4.33E-01	2.91E-02	4.19E-01	2.87E-12	0.00E+00	3.28E+00	7.38E-06	2.42E-03	4.11E-03	0.00E+00	-4.48E-04	5.61E-10	2.79E-08	2.32E-02	1.09E+00	0.00E+00	0.00E+00	2.85E+00	6.29E-03	5.78E+00	0.00E+00	4.36E-08	2.24E-08	1.31E-03	1.72E-07	5.06E-01	0.00E+00	5.78E+00	5.40E-07	5.78E+00	6.22E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MR340	4.46E-03	4.32E-01	2.94E-02	4.19E-01	2.87E-12	0.00E+00	3.28E+00	7.39E-06	2.42E-03	4.11E-03	0.00E+00	-4.52E-04	5.61E-10	2.79E-08	2.33E-02	1.10E+00	0.00E+00	0.00E+00	2.87E+00	6.44E-03	5.78E+00	0.00E+00	4.36E-08	2.26E-08	1.31E-03	1.90E-07	5.11E-01	0.00E+00	5.78E+00	5.40E-07	5.78E+00	6.22E+00	5.11E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MS110	7.54E-04	1.51E-01	4.84E-03	1.47E-01	2.87E-12	0.00E+00	8.94E-01	1.89E-06	3.27E-04	1.36E-03	0.00E+00	-1.53E-04	1.60E-10	4.02E-09	5.64E-03	2.34E-01	0.00E+00	0.00E+00	6.94E-01	3.29E-03	1.37E+00	0.00E+00	1.03E-08	4.85E-09	3.56E-04	7.93E-08	1.21E-01	0.00E+00	1.37E+00	4.71E-07	1.37E+00	1.47E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MS110X	7.86E-04	1.52E-01	4.99E-03	1.46E-01	2.87E-12	0.00E+00	8.95E-01	1.91E-06	3.66E-04	1.37E-03	0.00E+00	-1.52E-04	1.62E-10	4.27E-09	5.65E-03	2.36E-01	0.00E+00	0.00E+00	6.96E-01	3.29E-03	1.38E+00	0.00E+00	1.03E-08	4.87E-09	3.61E-04	7.93E-08	1.21E-01	0.00E+00	1.38E+00	4.73E-07	1.38E+00	1.47E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MS116X	9.18E-04	1.46E-01	5.72E-03	1.39E-01	2.87E-12	0.00E+00	9.59E-01	1.98E-06	4.39E-04	1.41E-03	0.00E+00	-1.76E-04	1.79E-10	5.23E-09	6.23E-03	2.79E-01	0.00E+00	0.00E+00	7.66E-01	3.37E-03	1.45E+00	0.00E+00	1.12E-08	5.61E-09	4.01E-04	7.99E-08	1.35E-01	0.00E+00	1.45E+00	4.73E-07	1.45E+00	1.56E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MS120	9.06E-04	1.53E-01	5.24E-03	1.47E-01	2.87E-12	0.00E+00	9.52E-01	1.96E-06	4.41E-04	1.40E-03	0.00E+00	-1.53E-04	1.77E-10	5.46E-09	6.02E-03	2.70E-01	0.00E+00	0.00E+00	7.58E-01	2.91E-03	1.43E+00	0.00E+00	1.09E-08	5.51E-09	3.83E-04	7.55E-08	1.32E-01	0.00E+00	1.43E+00	4.70E-07	1.43E+00	1.54E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MS120X	8.21E-04	1.52E-01	5.17E-03	1.46E-01	2.87E-12	0.00E+00	9.12E-01	1.95E-06	3.81E-04	1.38E-03	0.00E+00	-1.51E-04	1.69E-10	4.57E-09	5.75E-03	2.49E-01	0.00E+00	0.00E+00	7.24E-01	2.91E-03	1.40E+00	0.00E+00	1.05E-08	4.98E-09	3.69E-04	7.53E-08	1.25E-01	0.00E+00	1.40E+00	4.72E-07	1.40E+00	1.50E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MS125X	1.00E-03	1.33E-01	6.57E-03	1.26E-01	2.87E-12	0.00E+00	1.04E+00	2.51E-06	4.76E-04	1.38E-03	0.00E+00	-1.69E-04	1.92E-10	6.04E-09	7.56E-03	3.11E-01	0.00E+00	0.00E+00	9.21E-01	3.55E-03	1.92E+00	0.00E+00	1.50E-08	7.49E-09	4.23E-04	1.04E-07	1.58E-01	0.00E+00	1.92E+00	5.72E-07	1.92E+00	2.09E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MS132X	1.47E-03	1.33E-01	6.99E-03	1.25E-01	2.87E-12	0.00E+00	1.09E+00	2.47E-06	7.79E-04	1.38E-03	0.00E+00	-1.47E-04	1.91E-10	8.78E-09	7.48E-03	3.56E-01	0.00E+00	0.00E+00	9.84E-01	3.35E-03	1.90E+00	0.00E+00	1.49E-08	7.61E-09	4.37E-04	9.35E-08	1.71E-01	0.00E+00	1.90E+00	5.72E-07	1.90E+00	2.07E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.60E+01
MS140X	1.50E-03	1.33E-01	6.93E-03	1.25E-01	2.87E-12	0.00E+00	1.10E+00	2.48E-06	7.82E-04	1.38E-03	0.00E+00	-1.47E-04	1.92E-10	8.99E-09	7.50E-03	3.58E-01	0.00E+00	0.00E+00	9.89E-01	3.21E-03	1.90E+00	0.00E+00	1.49E-08	7.69E-09	4.41E-04	8.84E-08	1.73E-01	0.00E+00	1.90E+00	5.75E-07	1.90E+00	2.08E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
MS216X	1.44E-03	3.05E-01	1.13E-02	2.91E-01	2.87E-12	0.00E+00	1.81E+00	3.51E-06	6.21E-04	2.81E-03	0.00E+00	-1.95E-04	3.32E-10	8.21E-09	1.21E-02	5.72E-01	0.00E+00	0.00E+00	1.38E+00	3.64E-03	2.57E+00	0.00E+00	2.05E-08	1.01E-08	7.64E-04	1.05E-07	2.42E-01	0.00E+00	2.57E+00	5.21E-07	2.57E+00	2.83E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MS220X	1.56E-03	3.02E-01	9.25E-03	2.88E-01	2.87E-12	0.00E+00	1.79E+00	3.51E-06	6.80E-04	2.79E-03	0.00E+00	-1.89E-04	3.12E-10	8.91E-09	1.17E-02	5.31E-01	0.00E+00	0.00E+00	1.42E+00	3.20E-03	2.56E+00	0.00E+00	2.04E-08	1.02E-08	7.59E-04	8.66E-08	2.44E-01	0.00E+00	2.56E+00	5.18E-07	2.56E+00	2.83E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MS232	2.89E-03	3.65E-01	1.25E-02	3.47E-01	2.87E-12	0.00E+00	2.24E+00	4.89E-06	1.24E-03	3.28E-03	0.00E+00	-2.81E-04	3.97E-10	1.54E-08	1.50E-02	7.33E-01	0.00E+00	0.00E+00	1.98E+00	3.52E-03	3.81E+00	0.00E+00	2.97E-08	1.47E-08	9.78E-04	1.09E-07	3.47E-01	0.00E+00	3.81E+00	1.48E-06	3.81E+00	4.09E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MS240	3.06E-03	3.64E-01	1.29E-02	3.46E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.48E-03	3.27E-03	0.00E+00	-2.62E-04	3.98E-10	1.80E-08	1.49E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.88E-03	3.81E+00	0.00E+00	2.98E-08	1.52E-08	9.84E-04	1.21E-07	3.46E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MS263	4.17E-03	3.24E-01	1.55E-02	3.04E-01	2.87E-12	0.00E+00	2.34E+00	5.04E-06	2.23E-03	3.15E-03	0.00E+00	-5.04E-04	4.44E-10	2.59E-08	1.51E-02	8.12E-01	0.00E+00	0.00E+00	2.09E+00	6.56E-03	3.88E+00	0.00E+00	3.01E-08	1.58E-08	9.98E-04	2.14E-07	3.70E-01	0.00E+00	3.88E+00	1.40E-06	3.88E+00	4.21E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.72E+01
MS310	2.52E-03	4.07E-01	2.46E-02	4.10E-01	2.87E-12	0.00E+00	2.61E+00	5.26E-06	1.11E-03	4.01E-03	0.00E+00	-2.90E-04	4.43E-10	1.32E-08	1.86E-02	6.95E-01	0.00E+00	0.00E+00	1.94E+00	4.17E-03	3.76E+00	0.00E+00	2.96E-08	1.45E-08	1.03E-03	1.19E-07	3.48E-01	0.00E+00	3.76E+00	4.13E-07	3.76E+00	4.06E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
MS310X	2.52E-03	4.07E-01	2.46E-02	4.08E-01	2.87E-12	0.00E+00	2.64E+00	5.29E-06	1.10E-03	4.01E-03	0.00E+00	-3.01E-04	4.43E-10	1.30E-08	1.86E-02	6.97E-01	0.00E+00	0.00E+00	1.96E+00	4.22E-03	3.76E+00	0.00E+00	2.96E-08	1.45E-08	1.03E-03	1.21E-07	3.49E-01	0.00E+00	3.76E+00	4.14E-07	3.76E+00	4.05E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
MS316	2.67E-03	4.08E-01	2.55E-02	4.12E-01	2.87E-12	0.00E+00	2.66E+00	5.32E-06	1.27E-03	4.05E-03	0.00E+00	-3.05E-04	4.65E-10	1.50E-08	1.88E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	4.28E-03	3.78E+00	0.00E+00	3.01E-08	1.47E-08	1.05E-03	1.24E-07	3.60E-01	0.00E+00	3.78E+00	4.13E-07	3.78E+00	4.10E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MS316X	2.67E-03	4.08E-01	2.55E-02	4.10E-01	2.87E-12	0.00E+00	2.70E+00	5.36E-06	1.27E-03	4.05E-03	0.00E+00	-3.04E-04	4.70E-10	1.48E-08	1.88E-02	7.53E-01	0.00E+00	0.00E+00	2.07E+00	4.30E-03	3.78E+00	0.00E+00	3.01E-08	1.47E-08	1.05E-03	1.26E-07	3.61E-01	0.00E+00	3.78E+00	4.16E-07	3.78E+00	4.10E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MS320	2.77E-03	4.12E-01	2.59E-02	4.17E-01	2.87E-12	0.00E+00	2.70E+00	5.36E-06	1.33E-03	4.11E-03	0.00E+00	-3.09E-04	4.77E-10	1.60E-08	1.88E-02	7.61E-01	0.00E+00	0.00E+00	2.07E+00	4.11E-03	3.80E+00	0.00E+00	3.02E-08	1.52E-08	1.07E-03	1.23E-07	3.67E-01	0.00E+00	3.80E+00	4.14E-07	3.80E+00	4.15E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.50E+01
MS320X	2.77E-03	4.12E-01	2.59E-02	4.15E-01	2.87E-12	0.00E+00	2.73E+00	5.39E-06	1.33E-03	4.10E-03	0.00E+00	-3.08E-04	4.72E-10	1.56E-08	1.88E-02	7.61E-01	0.00E+00	0.00E+00	2.08E+00	4.14E-03	3.80E+00	0.00E+00	3.02E-08	1.52E-08	1.07E-03	1.25E-07	3.68E-01	0.00E+00	3.80E+00	4.14E-07	3.80E+00	4.14E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.53E+01
MS332	4.45E-03	4.33E-01	2.92E-02	4.19E-01	2.87E-12	0.00E+00	3.28E+00	7.38E-06	2.42E-03	4.11E-03	0.00E+00	-4.48E-04	5.61E-10	2.79E-08	2.32E-02	1.07E+00	0.00E+00	0.00E+00	2.85E+00	6.29E-03	5.78E+00	0.00E+00	4.36E-08	2.24E-08	1.31E-03	1.72E-07	5.01E-01	0.00E+00	5.78E+00	5.40E-07	5.78E+00	6.22E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02

MS332X	4.45E-03	4.26E-01	2.92E-02	4.15E-01	2.87E-12	0.00E+00	3.28E+00	7.42E-06	2.42E-03	4.10E-03	0.00E+00	-4.45E-04	5.62E-10	2.78E-08	2.33E-02	1.08E+00	0.00E+00	0.00E+00	2.86E+00	6.19E-03	5.83E+00	0.00E+00	4.50E-08	2.27E-08	1.31E-03	1.75E-07	5.01E-01	0.00E+00	5.83E+00	5.27E-07	5.83E+00	6.34E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MS340	4.46E-03	4.32E-01	2.94E-02	4.19E-01	2.87E-12	0.00E+00	3.28E+00	7.39E-06	2.42E-03	4.11E-03	0.00E+00	-4.52E-04	5.61E-10	2.79E-08	2.33E-02	1.08E+00	0.00E+00	0.00E+00	2.88E+00	6.44E-03	5.78E+00	0.00E+00	4.36E-08	2.26E-08	1.31E-03	1.90E-07	5.06E-01	0.00E+00	5.78E+00	5.40E-07	5.78E+00	6.22E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MS340X	4.46E-03	4.26E-01	2.94E-02	4.15E-01	2.87E-12	0.00E+00	3.29E+00	7.44E-06	2.41E-03	4.10E-03	0.00E+00	-4.50E-04	5.62E-10	2.79E-08	2.33E-02	1.08E+00	0.00E+00	0.00E+00	2.89E+00	6.35E-03	5.83E+00	0.00E+00	4.50E-08	2.30E-08	1.31E-03	1.93E-07	5.06E-01	0.00E+00	5.83E+00	5.44E-07	5.83E+00	6.34E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MSN106	8.35E-04	1.19E-01	5.11E-03	1.14E-01	0.00E+00	0.00E+00	9.73E-01	2.32E-06	3.01E-04	1.23E-03	0.00E+00	-1.31E-04	1.61E-10	4.02E-09	7.29E-03	2.81E-01	0.00E+00	0.00E+00	8.28E-01	1.75E-03	1.81E+00	0.00E+00	1.39E-08	6.71E-09	3.75E-04	5.51E-08	1.45E-01	0.00E+00	1.81E+00	6.34E-07	1.81E+00	1.96E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
MSN106QB	9.87E-04	1.77E-01	5.65E-03	1.68E-01	2.87E-12	0.00E+00	9.90E-01	1.75E-06	4.72E-04	1.56E-03	0.00E+00	-1.09E-04	1.87E-10	5.45E-09	6.63E-03	2.82E-01	0.00E+00	0.00E+00	7.84E-01	1.40E-03	1.37E+00	0.00E+00	1.11E-08	5.77E-09	4.23E-04	5.19E-08	1.43E-01	0.00E+00	1.37E+00	2.64E-07	1.37E+00	1.50E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MSN110	6.31E-04	1.42E-01	4.05E-03	1.38E-01	0.00E+00	0.00E+00	7.67E-01	1.47E-06	2.67E-04	1.24E-03	0.00E+00	-9.70E-05	1.46E-10	3.29E-09	4.84E-03	1.96E-01	0.00E+00	0.00E+00	5.87E-01	1.29E-03	1.08E+00	0.00E+00	8.75E-09	4.27E-09	3.22E-04	4.22E-08	1.04E-01	0.00E+00	1.08E+00	2.28E-07	1.08E+00	1.19E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MSN110QB	9.87E-04	1.77E-01	5.65E-03	1.68E-01	2.87E-12	0.00E+00	9.90E-01	1.75E-06	4.72E-04	1.56E-03	0.00E+00	-1.09E-04	1.87E-10	5.45E-09	6.63E-03	2.82E-01	0.00E+00	0.00E+00	7.84E-01	1.40E-03	1.37E+00	0.00E+00	1.11E-08	5.77E-09	4.23E-04	5.19E-08	1.43E-01	0.00E+00	1.37E+00	2.64E-07	1.37E+00	1.50E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MSN113	9.15E-04	1.41E-01	6.06E-03	1.40E-01	0.00E+00	0.00E+00	1.01E+00	2.43E-06	4.12E-04	1.40E-03	0.00E+00	-1.66E-04	1.84E-10	4.98E-09	7.61E-03	2.97E-01	0.00E+00	0.00E+00	8.88E-01	1.95E-03	1.87E+00	0.00E+00	1.48E-08	7.58E-09	4.18E-04	6.71E-08	1.53E-01	0.00E+00	1.87E+00	5.48E-07	1.87E+00	2.05E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
MSN116	6.29E-04	1.42E-01	4.03E-03	1.38E-01	0.00E+00	0.00E+00	7.64E-01	1.46E-06	2.67E-04	1.24E-03	0.00E+00	-9.70E-05	1.44E-10	3.28E-09	4.83E-03	1.95E-01	0.00E+00	0.00E+00	5.82E-01	1.29E-03	1.08E+00	0.00E+00	8.72E-09	4.25E-09	3.21E-04	4.21E-08	1.03E-01	0.00E+00	1.08E+00	2.25E-07	1.08E+00	1.18E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
MSN120	6.65E-04	1.43E-01	4.12E-03	1.39E-01	0.00E+00	0.00E+00	7.78E-01	1.48E-06	2.91E-04	1.25E-03	0.00E+00	-9.70E-05	1.48E-10	3.55E-09	4.89E-03	2.01E-01	0.00E+00	0.00E+00	5.97E-01	1.29E-03	1.09E+00	0.00E+00	8.84E-09	4.33E-09	3.26E-04	4.22E-08	1.06E-01	0.00E+00	1.09E+00	2.27E-07	1.09E+00	1.20E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
MSN120QB	9.77E-04	1.73E-01	5.72E-03	1.64E-01	2.87E-12	0.00E+00	1.01E+00	1.83E-06	4.65E-04	1.53E-03	0.00E+00	-1.01E-04	1.88E-10	5.95E-09	6.53E-03	2.88E-01	0.00E+00	0.00E+00	7.95E-01	1.44E-03	1.37E+00	0.00E+00	1.09E-08	5.65E-09	4.13E-04	5.32E-08	1.43E-01	0.00E+00	1.37E+00	2.56E-07	1.37E+00	1.50E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
MSN125	1.09E-03	1.24E-01	5.58E-03	1.19E-01	0.00E+00	0.00E+00	1.03E+00	2.40E-06	4.86E-04	1.29E-03	0.00E+00	-1.31E-04	1.73E-10	6.03E-09	7.56E-03	3.17E-01	0.00E+00	0.00E+00	8.94E-01	1.75E-03	1.89E+00	0.00E+00	1.46E-08	7.19E-09	4.04E-04	5.55E-08	1.57E-01	0.00E+00	1.89E+00	6.27E-07	1.89E+00	2.04E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MSN125QB	9.77E-04	1.73E-01	5.72E-03	1.64E-01	2.87E-12	0.00E+00	1.01E+00	1.83E-06	4.65E-04	1.53E-03	0.00E+00	-1.01E-04	1.88E-10	5.95E-09	6.53E-03	2.88E-01	0.00E+00	0.00E+00	7.95E-01	1.44E-03	1.37E+00	0.00E+00	1.09E-08	5.65E-09	4.13E-04	5.32E-08	1.43E-01	0.00E+00	1.37E+00	2.56E-07	1.37E+00	1.50E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
MSN132	1.46E-03	1.29E-01	6.21E-03	1.23E-01	0.00E+00	0.00E+00	1.10E+00	2.50E-06	7.68E-04	1.36E-03	0.00E+00	-1.31E-04	1.88E-10	8.91E-09	7.79E-03	3.67E-01	0.00E+00	0.00E+00	9.81E-01	1.75E-03	1.96E+00	0.00E+00	1.52E-08	7.76E-09	4.40E-04	5.58E-08	1.72E-01	0.00E+00	1.96E+00	6.11E-07	1.96E+00	2.13E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
MSN132QB	1.35E-03	2.00E-01	7.02E-03	1.90E-01	2.87E-12	0.00E+00	1.10E+00	1.84E-06	7.18E-04	1.73E-03	0.00E+00	-1.06E-04	2.12E-10	8.16E-09	7.21E-03	3.58E-01	0.00E+00	0.00E+00	8.74E-01	1.37E-03	1.47E+00	0.00E+00	1.19E-08	6.45E-09	4.71E-04	5.37E-08	1.60E-01	0.00E+00	1.47E+00	2.61E-07	1.47E+00	1.62E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MSN140	1.46E-03	1.30E-01	6.22E-03	1.23E-01	0.00E+00	0.00E+00	1.10E+00	2.51E-06	7.68E-04	1.36E-03	0.00E+00	-1.31E-04	1.88E-10	8.92E-09	7.80E-03	3.67E-01	0.00E+00	0.00E+00	9.83E-01	1.75E-03	1.96E+00	0.00E+00	1.52E-08	7.77E-09	4.41E-04	5.58E-08	1.73E-01	0.00E+00	1.96E+00	6.12E-07	1.96E+00	2.14E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
MSN140QB	1.35E-03	1.87E-01	6.37E-03	1.81E-01	2.87E-12	0.00E+00	1.09E+00	1.85E-06	7.56E-04	1.61E-03	0.00E+00	-1.13E-04	2.04E-10	8.53E-09	7.11E-03	3.52E-01	0.00E+00	0.00E+00	8.89E-01	1.35E-03	1.46E+00	0.00E+00	1.19E-08	6.47E-09	4.62E-04	5.19E-08	1.63E-01	0.00E+00	1.46E+00	2.62E-07	1.46E+00	1.61E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MSN140R	1.52E-03	1.40E-01	6.85E-03	1.31E-01	2.87E-12	0.00E+00	1.11E+00	2.54E-06	8.02E-04	1.46E-03	0.00E+00	-1.50E-04	2.02E-10	9.23E-09	7.83E-03	3.70E-01	0.00E+00	0.00E+00	9.99E-01	2.46E-03	1.97E+00	0.00E+00	1.52E-08	7.83E-09	4.59E-04	7.48E-08	1.75E-01	0.00E+00	1.97E+00	5.90E-07	1.97E+00	2.15E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
MSN150	1.69E-03	1.37E-01	8.60E-03	1.29E-01	0.00E+00	0.00E+00	1.21E+00	2.72E-06	9.27E-04	1.42E-03	0.00E+00	-3.56E-04	2.04E-10	1.06E-08	8.25E-03	4.06E-01	0.00E+00	0.00E+00	1.08E+00	4.71E-03	2.07E+00	0.00E+00	1.59E-08	8.26E-09	4.69E-04	1.28E-07	1.89E-01	0.00E+00	2.07E+00	5.94E-07	2.07E+00	2.26E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
MSN163	1.70E-03	1.37E-01	8.60E-03	1.29E-01	0.00E+00	0.00E+00	1.21E+00	2.71E-06	9.41E-04	1.42E-03	0.00E+00	-3.56E-04	2.03E-10	1.07E-08	8.22E-03	4.07E-01	0.00E+00	0.00E+00	1.08E+00	4.71E-03	2.06E+00	0.00E+00	1.59E-08	8.26E-09	4.70E-04	1.28E-07	1.89E-01	0.00E+00	2.06E+00	5.92E-07	2.06E+00	2.25E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
MSN163R	1.70E-03	1.39E-01	8.59E-03	1.31E-01	0.00E+00	0.00E+00	1.20E+00	2.68E-06	9.42E-04	1.43E-03	0.00E+00	-3.56E-04	2.03E-10	1.07E-08	8.16E-03	4.05E-01	0.00E+00	0.00E+00	1.07E+00	4.71E-03	2.04E+00	0.00E+00	1.57E-08	8.19E-09	4.71E-04	1.28E-07	1.88E-01	0.00E+00	2.04E+00	5.76E-07	2.04E+00	2.23E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MSN206	1.67E-03	2.40E-01	9.79E-03	2.30E-01	0.00E+00	0.00E+00	1.95E+00	4.64E-06	6.03E-04	2.48E-03	0.00E+00	-2.05E-04	3.23E-10	8.05E-09	1.46E-02	5.69E-01	0.00E+00	0.00E+00	1.66E+00	2.74E-03	3.64E+00	0.00E+00	2.79E-08	1.35E-08	7.53E-04	9.18E-08	2.90E-01	0.00E+00	3.64E+00	1.27E-06	3.64E+00	3.93E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.97E+01
MSN210	1.26E-03	2.81E-01	7.63E-03	2.74E-01	0.00E+00	0.00E+00	1.53E+00	2.92E-06	5.32E-04	2.45E-03	0.00E+00	-1.36E-04	2.92E-10	6.57E-09	9.94E-03	3.97E-01	0.00E+00	0.00E+00	1.17E+00	1.82E-03	2.16E+00	0.00E+00	1.74E-08	8.49E-09	6.38E-04	6.57E-08	2.07E-01	0.00E+00	2.16E+00	4.54E-07	2.16E+00	2.37E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.18E+01
MSN216	1.25E-03	2.81E-01	7.59E-03	2.73E-01	0.00E+00	0.00E+00	1.53E+00	2.90E-06	5.31E-04	2.45E-03	0.00E+00	-1.36E-04	2.88E-10	6.55E-09	9.90E-03	3.95E-01	0.00E+00	0.00E+00	1.16E+00	1.82E-03	2.15E+00	0.00E+00	1.73E-08	8.45E-09	6.37E-04	6.57E-08	2.06E-01	0.00E+00	2.15E+00	4.49E-07	2.15E+00	2.36E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.13E+01
MSN220	2.18E-03	2.49E-01	1.07E-02	2.38E-01	0.00E+00	0.00E+00	2.05E+00	4.77E-06	9.73E-04	2.59E-03	0.00E+00	-2.05E-04	3.45E-10	1.20E-08	1.54E-02	6.39E-01	0.00E+00	0.00E+00	1.78E+00	2.74E-03	3.77E+00	0.00E+00	2.91E-08	1.44E-08	8.09E-04	9.26E-08	3.12E-01	0.00E+00	3.77E+00	1.25E-06	3.77E+00	4.09E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.44E+01
MSN225	2.18E-03	2.50E-01	1.07E-02	2.39E-01	0.00E+00	0.00E+00	2.06E+00	4.80E-06	9.74E-04	2.60E-03	0.00E+00	-2.05E-04	3.47E-10	1.21E-08	1.55E-02	6.42E-01	0.00E+00	0.00E+00	1.79E+00	2.74E-03	3.79E+00	0.00E+00	2.92E-08	1.44E-08	8.12E-04	9.27E-08	3.14E-01	0.00E+00	3.79E+00	1.26E-06	3.79E+00	4.10E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.48E+01
MSN232	2.93E-03	2.60E-01	1.20E-02	2.48E-01	0.00E+00	0.00E+00	2.20E+00	4.99E-06	1.54E-03	2.73E-03	0.00E+00	-2.05E-04	3.76E-10	1.78E-08	1.59E-02	7.41E-01	0.00E+00	0.00E+00	1.96E+00	2.74E-03	3.93E+00	0.00E+00	3.04E-08	1.56E-08	8.84E-04	9.32E-08	3.45E-01	0.00E+00	3.93E+00	1.23E-06	3.93E+00	4.28E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.16E+01
MSN240	2.93E-03	2.59E-01	1.27E-02	2.46E-01	0.00E+00	0.00E+00	2.20E+00	5.00E-06	1.54E-03	2.72E-03	0.00E+00	-2.92E-04	3.77E-10	1.78E-08	1.59E-02	7.41E-01	0.00E+00	0.00E+00	1.96E+00	3.88E-03	3.93E+00	0.00E+00	3.04E-08	1.55E-08	8.81E-04	1.21E-07	3.45E-01	0.00E+00	3.93E+00	1.22E-06	3.93E+00	4.28E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.17E+01
MSN250	3.38E-03	2.76E-01	1.68E-02	2.59E-01	0.00E+00	0.00E+00	2.43E+00	5.44E-06	1.85E-03	2.86E-03	0.00E+00	-6.53E-04	4.08E-10	2.12E-08	1.68E-02	8.20E-01	0.00E+00	0.00E+00	2.16E+00	8.65E-03	4.15E+00	0.00E+00	3.18E-08	1.66E-08	9.42E-04	2.38E-07	3.79E-01	0.00E+00	4.15E+00	1.19E-06	4.15E+00	4.53E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	7.92E+01
MSN263	3.41E-03	2.76E-01	1.68E-02	2.59E-01	0.00E+00	0.00E+00	2.42E+00	5.42E-06	1.88E-03	2.86E-03	0.00E+00	-6.53E-04	4.07E-10	2.14E-08	1.68E-02	8.22E-01	0.00E+00	0.00E+00	2.16E+00	8.65E-03	4.14E+00	0.00E+00	3.18E-08	1.66E-08	9.43E-04	2.38E-07	3.78E-01	0.00E+00	4.14E+00	1.19E-06	4.14E+00	4.52E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	7.92E+01
MSN263R	3.40E-03	2.78E-01	1.68E-02	2.61E-01	0.00E+00	0.00E+00	2.41E+00	5.38E-06	1.88E-03	2.87E-03	0.00E+00	-6.53E-04	4.07E-10	2.14E-08	1.67E-02	8.19E-01	0.00E+00	0.00E+00	2.15E+00	8.65E-03	4.10E+00	0.00E+00	3.16E-08	1.64E-08	9.43E-04	2.38E-07	3.77E-01	0.00E+00	4.10E+00	1.17E-06	4.10E+00	4.48E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.88E+01
MSN306	2.50E-03	3.58E-01	1.44E-02	3.43E-01	0.00E+00	0.00E+00	2.92E+00	6.95E-06	9.03E-04	3.70E-03	0.00E+00	-2.78E-04	4.84E-10	1.21E-08	2.23E-02	8.53E-01	0.00E+00	0.00E+00	2.48E+00	3.72E-03	5.45E+00	0.00E+00	4.18E-08	2.02E-08	1.13E-03	1.27E-07	4.35E-01	0.00E+00	5.45E+00	1.91E-06	5.45E+00	5.89E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.94E+01
MSN306QB	2.38E-03	4.78E-01	1.68E-02	4.50E-01	2.87E-12	0.00E+00	2.92E+00	5.89E-06	1.05E-03	4.23E-03	0.00E+00	-3.63E-04	5.07E-10	1.20E-08	1.89E-02	8.22E-01	0.00E+00	0.00E+00	2.34E+00	4.81E-03	4.16E+00	0.00E+00	3.43E-08	1.67E-08	1.22E-03	1.56E-07	4.10E-01	0.00E+00	4.16E+00	7.51E-07	4.16E+00	4.68E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
MSN310	1.88E-03	4.20E-01	1.12E-02	4.09E-01	0.00E+00	0.00E+00	2.30E+00	4.37E-06	7.97E-04	3.67E-03	0.00E+00	-1.75E-04	4.38E-10	9.85E-09	1.49E-02	5.94E-01	0.00E+00	0.00E+00	1.75E+00	2.35E-03	3.23E+00	0.00E+00	2.60E-08	1.27E-08	9.54E-04	8.92E-08	3.10E-01	0.00E+00	3.23E+00	6.79E-07	3.23E+00	3.54E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
MSN310QB	2.38E-03	4.78E-01	1.68E-02	4.50E-01	2.87E-12	0.00E+00	2.92E+00	5.89E-06	1.05E-03	4.23E-03	0.00E+00	-3.63E-04	5.07E-10	1.20E-08	1.89E-02	8.22E-01	0.00E+00	0.00E+00	2.34E+00	4.81E-03	4.16E+00	0.00E+00	3.43E-08	1.67E-08	1.22E-03	1.56E-07	4.10E-01	0.00E+00	4.16E+00	7.51E-07	4.16E+00	4.68E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
MSN316	1.87E-03	4.19E-01	1.11E-02	4.08E-01	0.00E+00	0.00E+00	2.29E+00	4.34E-06	7.96E-04	3.66E-03	0.00E+00	-1.75E-04	4.32E-10	9.82E-09	1.48E-02	5.91E-01	0.00E+00	0.00E+00	1.74E+00	2.35E-03	3.22E+00	0.00E+00	2.59E-08	1.26E-08	9.52E-04	8.91E-08	3.08E-01	0.00E+00	3.22E+00	6.72E-07	3.22E+00	3.52E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
MSN320	3.26E-03	3.71E-01	1.58E-02	3.56E-01	0.00E+00	0.00E+00	3.07E+00	7.15E-06	1.46E-03	3.87E-03	0.00E+00	-2.78E-04	5.17E-10	1.81E-08	2.30E-02	9.57E-01	0.00E+00	0.00E+00	2.66E+00	3.72E-03	5.65E+00	0.00E+00	4.36E-08	2.15E-08	1.21E-03	1.30E-07	4.68E-01	0.00E+00	5.65E+00	1.88E-06	5.65E+00	6.12E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.65E+01
MSN325	3.27E-03	3.73E-01	1.58E-02	3.57E-01	0.00E+00	0.00E+00	3.09E+00	7.19E-06	1.46E-03	3.89E-03	0.00E+00	-2.78E-04	5.20E-10	1.81E-08	2.32E-02	9.61E-01	0.00E+00	0.00E+00	2.68E+00	3.72E-03	5.67E+00	0.00E+00	4.38E-08	2.16E-08	1.21E-03	1.30E-07	4.70E-01	0.00E+00	5.67E+00	1.88E-06	5.67E+00	6.14E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
MSN325QB	3.29E-03	5.45E-01	1.79E-02	5.23E-01	2.87E-12	0.00E+00	3.02E+00	6.18E-06	1.59E-03	5.05E-03	0.00E+00	-3.49E-04	5.83E-10	1.92E-08	1.99E-02	9.12E-01	0.00E+00	0.00E+00	2.64E+00	4.63E-03	4.43E+00	0.00E+00	3.63E-08	1.90E-08	1.36E-03	1.56E-07	4.58E-01	0.00E+00	4.43E+00	7.51E-07	4.43E+00	4.96E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	9.55E+01
MSN332	4.39E-03	3.89E-01	1.77E-02	3.71E-01	0.00E+00	0.00E+00	3.29E+00	7.48E-06	2.30E-03	4.08E-03	0.00E+00	-2.78E-04	5.64E-10	2.67E-08	2.38E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	3.73E-03	5.89E+00	0.00E+00	4.55E-08	2.33E-08	1.32E-03	1.30E-07	5.17E-01	0.00E+00	5.89E+00	1.84E-06	5.89E+00	6.40E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MSN332QB	4.62E-03	5.30E-01	2.92E-02	5.12E-01	2.87E-12	0.00E+00	3.14E+00	6.20E-06	2.59E-03	4.57E-03	0.00E+00	-3.48E-04	5.96E-10	2.88E-08	2.00E-02	1.09E+00	0.00E+00	0.00E+00	2.79E+00	4.57E-03	4.49E+00	0.00E+00	3.68E-08	2.04E-08	1.34E-03	1.61E-07	4.88E-01	0.00E+00	4.49E+00	3.90E-07	4.49E+00	5.05E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MSN332R	4.47E-03	4.89E-01	3.64E-02	4.58E-01	2.87E-12	0.00E+00	3.37E+00	7.18E-06	2.40E-03	4.52E-03	0.00E+00	-4.15E-04	6.14E-10	2.74E-08	2.28E-02	1.10E+00	1.83E-06	8.31E-06	2.89E+00	4.84E-03	5.85E+00	0.00E+00	4.53E-08	2.30E-08	1.40E-03	2.56E-07	5.10E-01	0.00E+00	5.85E+00	1.77E-06	5.85E+00	6.36E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MSN340	4.38E-03	3.87E-01	1.88E-02	3.68E-01	0.00E+00	0.00E+00	3.30E+00	7.50E-06	2.30E-03	4.06E-03	0.00E+00	-4.08E-04	5.65E-10	2.67E-08	2.36E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	5.44E-03	5.88E+00	0.00E+00	4.54E-08	2.33E-08	1.32E-03	1.72E-07	5.17E-01	0.00E+00	5.88E+00	1.82E-06	5.88E+00	6.40E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MSN340QB	4.63E-03	5.22E-01	2.98E-02	5.04E-01	2.87E-12	0.00E+00	3.13E+00	6.17E-06	2.62E-03	4.34E-03	0.00E+00	-3.65E-04	5.88E-10	2.91E-08	2.00E-02	1.09E+00	0.00E+00	0.00E+00	2.81E+00	4.63E-03	4.44E+00	0.00E+00	3.63E-08	2.04E-08	1.29E-03	1.74E-07	4.92E-01	0.00E+00	4.44E+00	3.85E-07	4.44E+00	5.01E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MSN340R	4.47E-03	4.77E-01	1.93E-02	4.40E-01	2.87E-12	0.00E+00	3.29E+00	7.48E-06	2.38E-03	4.44E-03	0.00E+00	-4.73E-04	6.15E-10	2.74E-08	2.37E-02	1.11E+00	0.00E+00	0.00E+00	2.92E+00	6.50E-03	5.88E+00	0.00E+00	4.55E-08	2.31E-08	1.40E-03	1.85E-07	5.15E-01	0.00E+00	5.88E+00	1.76E-06	5.88E+00	6.40E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MSN350	5.06E-03	4.13E-01	2.49E-02	3.88E-01	0.00E+00	0.00E+00	3.64E+00	8.15E-06	2.78E-03	4.28E-03	0.00E+00	-9.51E-04	6.12E-10	3.17E-08	2.52E-02	1.23E+00	0.00E+00	0.00E+00	3.24E+00	1.26E-02	6.21E+00	0.00E+00	4.77E-08	2.48E-08	1.41E-03	3.47E-07	5.67E-01	0.00E+00	6.21E+00	1.79E-06	6.21E+00	6.78E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MSN363	5.11E-03	4.12E-01	2.49E-02	3.87E-01	0.00E+00	0.00E+00	3.62E+00	8.11E-06	2.82E-03	4.28E-03	0.00E+00	-9.51E-04	6.10E-10	3.21E-08	2.51E-02	1.23E+00	0.00E+00	0.00E+00	3.24E+00	1.26E-02	6.20E+00	0.00E+00	4.76E-08	2.48E-08	1.41E-03	3.47E-07	5.67E-01	0.00E+00	6.20E+00	1.78E-06	6.20E+00	6.76E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MSN363R	5.10E-03	4.17E-01	2.49E-02	3.92E-01	0.00E+00	0.00E+00	3.61E+00	8.06E-06	2.83E-03	4.30E-03	0.00E+00	-9.51E-04	6.10E-10	3.21E-08	2.50E-02	1.23E+00	0.00E+00	0.00E+00	3.22E+00	1.26E-02	6.15E+00	0.00E+00	4.73E-08	2.46E-08	1.41E-03	3.47E-07	5.65E-01	0.00E+00	6.15E+00	1.75E-06	6.15E+00	6.71E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MSN463R	7.37E-03	7.96E-01	2.98E-02	7.67E-01	2.87E-12	0.00E+00	4.67E+00	8.27E-06	4.46E-03	7.11E-03	0.00E+00	-9.00E-04	9.29E-10	4.94E-08	2.97E-02	1.58E+00	0.00E+00	0.00E+00	3.88E+00	1.13E-02	6.27E+00	0.00E+00	5.02E-08	2.79E-08	2.08E-03	3.38E-07	6.80E-01	0.00E+00	6.27E+00	1.74E-06	6.27E+00	6.92E+00	6.80E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
MT106A	9.01E-04	1.38E-01	6.20E-03	1.33E-01	2.87E-12	0.00E+00	9.89E-01	2.44E-06	4.04E-04	1.39E-03	0.00E+00	-1.78E-04	1.82E-10	4.94E-09	7.34E-03	2.96E-01	0.00E+00	0.00E+00	8.73E-01	3.29E-03	1.86E+00	0.00E+00	1.47E-08	7.45E-09	4.16E-04	9.27E-08	1.52E-01	0.00E+00	1.86E+00	5.77E-07	1.86E+00	2.05E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
MT110A	6.20E-04	1.40E-01	4.33E-03	1.35E-01	2.87E-12	0.00E+00	8.12E-01	1.68E-06	2.47E-04	1.23E-03	0.00E+00	-7.09E-05	1.51E-10	3.14E-09	5.44E-03	2.21E-01	0.00E+00	0.00E+00	6.52E-01	7.60E-04	1.24E+00	0.00E+00	9.83E-09	4.82E-09	3.26E-04	4.58E-08	1.13E-01	0.00E+00	1.24E+00	3.10E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MT116A	6.38E-04	1.40E-01	4.34E-03	1.35E-01	2.87E-12	0.00E+00	8.09E-01	1.69E-06	2.57E-04	1.23E-03	0.00E+00	-6.65E-05	1.50E-10	3.31E-09	5.43E-03	2.19E-01	0.00E+00	0.00E+00	6.46E-01	6.37E-04	1.24E+00	0.00E+00	9.83E-09	4.79E-09	3.24E-04	4.55E-08	1.13E-01	0.00E+00	1.24E+00	3.07E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MT120A	6.38E-04	1.41E-01	4.35E-03	1.36E-01	2.87E-12	0.00E+00	8.12E-01	1.69E-06	2.56E-04	1.24E-03	0.00E+00	-6.49E-05	1.50E-10	3.30E-09	5.43E-03	2.20E-01	0.00E+00	0.00E+00	6.47E-01	6.00E-04	1.24E+00	0.00E+00	9.83E-09	4.80E-09	3.25E-04	4.53E-08	1.13E-01	0.00E+00	1.24E+00	3.07E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MT125A	9.77E-04	1.38E-01	6.44E-03	1.31E-01	2.87E-12	0.00E+00	1.03E+00	2.32E-06	4.55E-04	1.39E-03	0.00E+00	-1.56E-04	1.89E-10	5.75E-09	7.02E-03	2.99E-01	0.00E+00	0.00E+00	8.96E-01	3.21E-03	1.66E+00	0.00E+00	1.32E-08	7.28E-09	4.12E-04	9.43E-08	1.54E-01	0.00E+00	1.66E+00	5.79E-07	1.66E+00	1.83E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MT132A	1.41E-03	1.46E-01	7.37E-03	1.38E-01	2.87E-12	0.00E+00	1.10E+00	2.58E-06	7.38E-04	1.48E-03	0.00E+00	-1.70E-04	2.02E-10	8.26E-09	7.80E-03	3.63E-01	0.00E+00	0.00E+00	9.99E-01	3.66E-03	1.98E+00	0.00E+00	1.52E-08	7.92E-09	4.57E-04	1.02E-07	1.72E-01	0.00E+00	1.98E+00	5.84E-07	1.98E+00	2.17E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MT140A	1.43E-03	1.58E-01	7.49E-03	1.46E-01	2.87E-12	0.00E+00	1.10E+00	2.58E-06	7.30E-04	1.51E-03	0.00E+00	-1.70E-04	2.03E-10	8.32E-09	7.80E-03	3.64E-01	0.00E+00	0.00E+00	9.99E-01	3.55E-03	1.99E+00	0.00E+00	1.52E-08	7.94E-09	4.58E-04	9.65E-08	1.71E-01	0.00E+00	1.99E+00	5.85E-07	1.99E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
MT150A	1.63E-03	2.04E-01	7.16E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	9.29E-04	1.83E-03	0.00E+00	-1.01E-04	2.45E-10	1.04E-08	7.38E-03	3.94E-01	0.00E+00	0.00E+00	9.91E-01	1.41E-03	1.64E+00	0.00E+00	1.33E-08	7.23E-09	5.29E-04	4.69E-08	1.78E-01	0.00E+00	1.64E+00	2.31E-07	1.64E+00	1.81E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.65E+01
MT163A	1.82E-03	1.63E-01	7.94E-03	1.54E-01	2.87E-12	0.00E+00	1.20E+00	2.66E-06	9.78E-04	1.56E-03	0.00E+00	-3.58E-04	2.34E-10	1.08E-08	7.95E-03	4.03E-01	0.00E+00	0.00E+00	1.06E+00	4.82E-03	2.03E+00	0.00E+00	1.56E-08	8.06E-09	5.28E-04	1.14E-07	1.87E-01	0.00E+00	2.03E+00	5.78E-07	2.03E+00	2.21E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MT206A	2.38E-03	2.85E-01	1.21E-02	2.77E-01	2.87E-12	0.00E+00	2.19E+00	4.75E-06	5.67E-04	2.75E-03	0.00E+00	-2.13E-04	3.86E-10	1.06E-08	1.50E-02	5.92E-01	0.00E+00	0.00E+00	1.74E+00	3.95E-03	3.63E+00	0.00E+00	2.83E-08	1.38E-08	8.71E-04	1.33E-07	3.21E-01	0.00E+00	3.63E+00	1.21E-06	3.63E+00	4.02E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MT210A	1.41E-03	3.00E-01	1.15E-02	2.89E-01	2.87E-12	0.00E+00	1.80E+00	3.58E-06	6.54E-04	2.77E-03	0.00E+00	-1.99E-04	3.29E-10	7.79E-09	1.20E-02	5.43E-01	0.00E+00	0.00E+00	1.40E+00	3.91E-03	2.60E+00	0.00E+00	2.06E-08	1.01E-08	7.51E-04	1.28E-07	2.44E-01	0.00E+00	2.60E+00	6.38E-07	2.60E+00	2.84E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MT216A	1.50E-03	3.27E-01	9.37E-03	3.16E-01	2.87E-12	0.00E+00	1.84E+00	3.58E-06	6.90E-04	2.85E-03	0.00E+00	-1.50E-04	3.37E-10	8.40E-09	1.21E-02	5.20E-01	0.00E+00	0.00E+00	1.41E+00	2.15E-03	2.59E+00	0.00E+00	2.06E-08	9.99E-09	7.43E-04	7.33E-08	2.43E-01	0.00E+00	2.59E+00	6.39E-07	2.59E+00	2.83E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MT220A	1.52E-03	2.97E-01	1.15E-02	2.87E-01	2.87E-12	0.00E+00	1.98E+00	3.86E-06	6.75E-04	2.76E-03	0.00E+00	-2.06E-04	3.60E-10	8.39E-09	1.25E-02	5.60E-01	0.00E+00	0.00E+00	1.47E+00	3.73E-03	2.67E+00	0.00E+00	2.11E-08	1.04E-08	7.56E-04	1.21E-07	2.50E-01	0.00E+00	2.67E+00	6.71E-07	2.67E+00	2.90E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
MT225A	2.05E-03	2.77E-01	1.11E-02	2.65E-01	2.87E-12	0.00E+00	2.09E+00	4.25E-06	1.08E-03	2.76E-03	0.00E+00	-1.78E-04	3.42E-10	1.19E-08	1.31E-02	5.69E-01	0.00E+00	0.00E+00	1.59E+00	3.59E-03	2.93E+00	0.00E+00	2.34E-08	1.17E-08	8.18E-04	1.16E-07	2.81E-01	0.00E+00	2.93E+00	5.62E-07	2.93E+00	3.21E+00	2.81E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
MT232A	2.87E-03	3.63E-01	1.23E-02	3.43E-01	2.87E-12	0.00E+00	2.22E+00	4.89E-06	1.27E-03	3.23E-03	0.00E+00	-2.20E-04	3.93E-10	1.52E-08	1.57E-02	7.23E-01	0.00E+00	0.00E+00	1.95E+00	3.76E-03	3.80E+00	0.00E+00	2.97E-08	1.46E-08	9.21E-04	1.17E-07	3.43E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.10E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MT240A	3.06E-03	3.62E-01	1.28E-02	3.42E-01	2.87E-12	0.00E+00	2.22E+00	4.89E-06	1.53E-03	3.24E-03	0.00E+00	-2.73E-04	3.95E-10	1.80E-08	1.53E-02	7.40E-01	0.00E+00	0.00E+00	1.95E+00	4.17E-03	3.81E+00	0.00E+00	2.98E-08	1.52E-08	9.23E-04	1.22E-07	3.45E-01	0.00E+00	3.81E+00	1.14E-06	3.81E+00	4.13E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.12E+01
MT250A	3.60E-03	4.10E-01	1.37E-02	3.94E-01	2.87E-12	0.00E+00	2.36E+00	4.39E-06	1.92E-03	3.66E-03	0.00E+00	-2.25E-04	4.62E-10	2.21E-08	1.48E-02	7.91E-01	0.00E+00	0.00E+00	2.05E+00	2.98E-03	3.22E+00	0.00E+00	2.60E-08	1.41E-08	1.04E-03	9.86E-08	3.59E-01	0.00E+00	3.22E+00	5.68E-07	3.22E+00	3.55E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MT263A	4.15E-03	3.22E-01	1.55E-02	3.04E-01	2.87E-12	0.00E+00	2.34E+00	5.04E-06	2.21E-03	3.13E-03	0.00E+00	-5.01E-04	4.42E-10	2.59E-08	1.57E-02	8.04E-01	0.00E+00	0.00E+00	2.09E+00	6.43E-03	3.89E+00	0.00E+00	3.02E-08	1.59E-08	9.47E-04	2.03E-07	3.70E-01	0.00E+00	3.89E+00	1.14E-06	3.89E+00	4.23E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MT306A	2.29E-03	4.75E-01	1.43E-02	4.61E-01	2.87E-12	0.00E+00	2.67E+00	4.96E-06	8.87E-04	4.25E-03	0.00E+00	-2.43E-04	4.76E-10	1.15E-08	1.74E-02	6.76E-01	0.00E+00	0.00E+00	1.99E+00	3.18E-03	3.63E+00	0.00E+00	2.91E-08	1.42E-08	1.12E-03	1.10E-07	3.55E-01	0.00E+00	3.63E+00	7.17E-07	3.63E+00	3.98E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
MT310A	2.29E-03	4.79E-01	1.36E-02	4.65E-01	2.87E-12	0.00E+00	2.71E+00	5.09E-06	1.03E-03	4.27E-03	0.00E+00	-2.21E-04	4.78E-10	1.21E-08	1.78E-02	6.68E-01	0.00E+00	0.00E+00	1.99E+00	2.95E-03	3.72E+00	0.00E+00	2.99E-08	1.44E-08	1.09E-03	1.05E-07	3.62E-01	0.00E+00	3.72E+00	7.31E-07	3.72E+00	4.09E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MT316A	2.48E-03	4.91E-01	1.39E-02	4.75E-01	2.87E-12	0.00E+00	2.77E+00	5.14E-06	1.10E-03	4.30E-03	0.00E+00	-2.25E-04	4.96E-10	1.35E-08	1.81E-02	7.40E-01	0.00E+00	0.00E+00	2.10E+00	2.97E-03	3.78E+00	0.00E+00	3.03E-08	1.48E-08	1.13E-03	1.21E-07	3.74E-01	0.00E+00	3.78E+00	7.43E-07	3.78E+00	4.15E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.50E+01
MT320A	2.58E-03	4.96E-01	1.42E-02	4.79E-01	2.87E-12	0.00E+00	2.81E+00	5.26E-06	1.17E-03	4.32E-03	0.00E+00	-2.35E-04	5.08E-10	1.44E-08	1.82E-02	7.50E-01	0.00E+00	0.00E+00	2.16E+00	2.98E-03	3.81E+00	0.00E+00	3.06E-08	1.53E-08	1.14E-03	1.21E-07	3.84E-01	0.00E+00	3.81E+00	7.34E-07	3.81E+00	4.20E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	7.75E+01
MT325A	2.92E-03	5.02E-01	2.60E-02	4.89E-01	2.87E-12	0.00E+00	2.97E+00	5.59E-06	1.53E-03	4.41E-03	0.00E+00	-2.23E-04	5.41E-10	1.72E-08	1.89E-02	8.15E-01	0.00E+00	0.00E+00	2.33E+00	2.94E-03	4.00E+00	0.00E+00	3.20E-08	1.63E-08	1.20E-03	1.12E-07	4.13E-01	0.00E+00	4.00E+00	3.62E-07	4.00E+00	4.40E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
MT332A	4.44E-03	5.11E-01	1.90E-02	4.75E-01	2.87E-12	0.00E+00	3.28E+00	7.31E-06	2.40E-03	4.55E-03	0.00E+00	-4.62E-04	6.04E-10	2.74E-08	2.35E-02	1.09E+00	0.00E+00	0.00E+00	2.88E+00	6.38E-03	5.77E+00	0.00E+00	4.39E-08	2.24E-08	1.37E-03	1.83E-07	5.10E-01	0.00E+00	5.77E+00	1.69E-06	5.77E+00	6.22E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MT340A	4.45E-03	4.89E-01	1.94E-02	4.51E-01	2.87E-12	0.00E+00	3.29E+00	7.41E-06	2.39E-03	4.45E-03	0.00E+00	-5.11E-04	6.03E-10	2.75E-08	2.36E-02	1.10E+00	0.00E+00	0.00E+00	2.92E+00	6.75E-03	5.80E+00	0.00E+00	4.40E-08	2.27E-08	1.37E-03	2.10E-07	5.15E-01	0.00E+00	5.80E+00	1.70E-06	5.80E+00	6.24E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MT350A	5.68E-03	6.10E-01	2.18E-02	5.91E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	3.47E-03	5.49E-03	0.00E+00	-3.74E-04	6.80E-10	3.79E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	5.25E-03	4.89E+00	0.00E+00	3.93E-08	2.19E-08	1.59E-03	1.80E-07	5.52E-01	0.00E+00	4.89E+00	7.24E-07	4.89E+00	5.44E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MT363A	5.08E-03	4.47E-01	2.53E-02	4.25E-01	2.87E-12	0.00E+00	3.66E+00	7.93E-06	2.81E-03	4.46E-03	0.00E+00	-7.86E-04	6.32E-10	3.21E-08	2.49E-02	1.23E+00	0.00E+00	0.00E+00	3.23E+00	1.02E-02	6.05E+00	0.00E+00	4.61E-08	2.34E-08	1.42E-03	3.44E-07	5.64E-01	0.00E+00	6.05E+00	1.67E-06	6.05E+00	6.52E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MTN106	6.69E-04	1.48E-01	4.10E-03	1.44E-01	0.00E+00	0.00E+00	8.32E-01	1.60E-06	2.80E-04	1.30E-03	0.00E+00	-7.26E-05	1.48E-10	3.50E-09	5.43E-03	2.15E-01	0.00E+00	0.00E+00	6.37E-01	9.75E-04	1.18E+00	0.00E+00	9.43E-09	4.59E-09	3.40E-04	3.52E-08	1.12E-01	0.00E+00	1.18E+00	2.53E-07	1.18E+00	1.29E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
MTN110	5.87E-04	1.43E-01	4.05E-03	1.39E-01	0.00E+00	0.00E+00	7.13E-01	1.38E-06	2.34E-04	1.24E-03	0.00E+00	-1.20E-04	1.27E-10	2.86E-09	4.66E-03	1.86E-01	0.00E+00	0.00E+00	5.56E-01	1.60E-03	1.05E+00	0.00E+00	8.56E-09	4.17E-09	3.19E-04	4.94E-08	9.84E-02	0.00E+00	1.05E+00	2.31E-07	1.05E+00	1.15E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MTN116	6.12E-04	1.42E-01	3.61E-03	1.38E-01	0.00E+00	0.00E+00	7.18E-01	1.38E-06	2.55E-04	1.24E-03	0.00E+00	-6.21E-05	1.25E-10	3.07E-09	4.66E-03	1.88E-01	0.00E+00	0.00E+00	5.54E-01	8.34E-04	1.05E+00	0.00E+00	8.57E-09	4.18E-09	3.20E-04	3.08E-08	9.87E-02	0.00E+00	1.05E+00	2.31E-07	1.05E+00	1.15E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
MTN120	6.13E-04	1.43E-01	4.09E-03	1.39E-01	0.00E+00	0.00E+00	7.19E-01	1.38E-06	2.55E-04	1.24E-03	0.00E+00	-1.20E-04	1.28E-10	3.08E-09	4.67E-03	1.89E-01	0.00E+00	0.00E+00	5.57E-01	1.60E-03	1.06E+00	0.00E+00	8.58E-09	4.19E-09	3.21E-04	4.98E-08	9.90E-02	0.00E+00	1.06E+00	2.25E-07	1.06E+00	1.16E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MTN125	9.61E-04	1.58E-01	4.87E-03	1.53E-01	2.87E-12	0.00E+00	9.51E-01	1.82E-06	4.80E-04	1.41E-03	0.00E+00	-6.88E-05	1.78E-10	5.69E-09	5.95E-03	2.64E-01	0.00E+00	0.00E+00	7.62E-01	9.79E-04	1.30E+00	0.00E+00	1.04E-08	5.27E-09	3.82E-04	3.96E-08	1.32E-01	0.00E+00	1.30E+00	2.66E-07	1.30E+00	1.44E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
MTN132	1.63E-03	1.99E-01	6.03E-03	1.93E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.56E-04	1.77E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.67E-03	3.57E-01	0.00E+00	0.00E+00	9.19E-01	1.03E-03	1.51E+00	0.00E+00	1.24E-08	6.69E-09	4.99E-04	3.91E-08	1.62E-01	0.00E+00	1.51E+00	2.54E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MTN140	1.62E-03	1.99E-01	6.03E-03	1.93E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.56E-04	1.77E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.67E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.24E-08	6.69E-09	4.99E-04	3.91E-08	1.62E-01	0.00E+00	1.51E+00	2.54E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MTN150	1.72E-03	2.00E-01	7.10E-03	1.96E-01	2.87E-12	0.00E+00	1.21E+00	2.16E-06	1.08E-03	1.80E-03	0.00E+00	-1.09E-04	2.34E-10	1.13E-08	7.32E-03	4.02E-01	0.00E+00	0.00E+00	1.00E+00	1.50E-03	1.64E+00	0.00E+00	1.33E-08	7.25E-09	5.26E-04	4.88E-08	1.76E-01	0.00E+00	1.64E+00	2.63E-07	1.64E+00	1.81E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
MTN163	1.90E-03	2.02E-01	7.21E-03	1.98E-01	2.87E-12	0.00E+00	1.21E+00	2.18E-06	1.25E-03	1.83E-03	0.00E+00	-1.10E-04	2.39E-10	1.26E-08	7.36E-03	4.03E-01	0.00E+00	0.00E+00	1.02E+00	1.51E-03	1.64E+00	0.00E+00	1.33E-08	7.33E-09	5.27E-04	4.91E-08	1.79E-01	0.00E+00	1.64E+00	2.65E-07	1.64E+00	1.82E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	3.69E+01

MU102A	1.02E-03	1.58E-01	7.24E-03	1.46E-01	2.87E-12	0.00E+00	1.06E+00	2.61E-06	4.60E-04	1.50E-03	0.00E+00	-3.02E-04	1.96E-10	5.47E-09	7.81E-03	3.03E-01	0.00E+00	0.00E+00	9.40E-01	4.32E-03	1.99E+00	0.00E+00	1.51E-08	7.82E-09	4.34E-04	1.18E-07	1.63E-01	0.00E+00	1.99E+00	5.87E-07	1.99E+00	2.18E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
MU104A	9.60E-04	1.46E-01	6.83E-03	1.39E-01	2.87E-12	0.00E+00	1.04E+00	2.61E-06	4.47E-04	1.47E-03	0.00E+00	-3.02E-04	1.95E-10	5.21E-09	7.81E-03	2.97E-01	0.00E+00	0.00E+00	9.28E-01	4.28E-03	1.99E+00	0.00E+00	1.51E-08	7.80E-09	4.34E-04	1.17E-07	1.62E-01	0.00E+00	1.99E+00	5.87E-07	1.99E+00	2.18E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MU106A	8.88E-04	1.38E-01	6.20E-03	1.33E-01	2.87E-12	0.00E+00	9.94E-01	2.44E-06	4.01E-04	1.40E-03	0.00E+00	-1.76E-04	1.82E-10	4.88E-09	7.41E-03	2.96E-01	0.00E+00	0.00E+00	8.72E-01	3.46E-03	1.88E+00	0.00E+00	1.48E-08	7.45E-09	4.16E-04	9.34E-08	1.52E-01	0.00E+00	1.88E+00	5.65E-07	1.88E+00	2.06E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
MU110A	8.65E-04	1.62E-01	5.51E-03	1.58E-01	2.87E-12	0.00E+00	9.26E-01	1.77E-06	3.99E-04	1.43E-03	0.00E+00	-3.96E-05	1.90E-10	4.77E-09	6.02E-03	2.43E-01	0.00E+00	0.00E+00	7.15E-01	9.86E-04	1.28E+00	0.00E+00	1.03E-08	5.03E-09	3.67E-04	4.07E-08	1.25E-01	0.00E+00	1.28E+00	6.38E-07	1.28E+00	1.40E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MU116A	8.62E-04	1.68E-01	5.65E-03	1.62E-01	2.87E-12	0.00E+00	9.27E-01	1.77E-06	3.99E-04	1.47E-03	0.00E+00	-3.61E-05	1.93E-10	4.80E-09	6.04E-03	2.48E-01	0.00E+00	0.00E+00	7.17E-01	9.86E-04	1.28E+00	0.00E+00	1.04E-08	5.10E-09	3.81E-04	4.09E-08	1.26E-01	0.00E+00	1.28E+00	6.28E-07	1.28E+00	1.41E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MU120A	8.93E-04	1.70E-01	5.81E-03	1.65E-01	2.87E-12	0.00E+00	9.53E-01	1.82E-06	4.28E-04	1.49E-03	0.00E+00	-5.87E-05	1.97E-10	5.18E-09	6.15E-03	2.53E-01	0.00E+00	0.00E+00	7.37E-01	1.09E-03	1.31E+00	0.00E+00	1.06E-08	5.18E-09	3.89E-04	4.04E-08	1.29E-01	0.00E+00	1.31E+00	2.91E-07	1.31E+00	1.44E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MU125A	1.00E-03	1.38E-01	6.77E-03	1.33E-01	2.87E-12	0.00E+00	1.05E+00	2.51E-06	4.73E-04	1.39E-03	0.00E+00	-1.72E-04	1.92E-10	5.97E-09	7.67E-03	3.13E-01	0.00E+00	0.00E+00	9.20E-01	3.55E-03	1.93E+00	0.00E+00	1.51E-08	7.63E-09	4.27E-04	1.04E-07	1.57E-01	0.00E+00	1.93E+00	5.70E-07	1.93E+00	2.11E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MU132A	1.39E-03	1.46E-01	7.37E-03	1.38E-01	2.87E-12	0.00E+00	1.10E+00	2.57E-06	7.26E-04	1.47E-03	0.00E+00	-1.68E-04	2.02E-10	8.13E-09	7.80E-03	3.59E-01	0.00E+00	0.00E+00	9.95E-01	3.67E-03	1.98E+00	0.00E+00	1.52E-08	7.94E-09	4.57E-04	1.02E-07	1.71E-01	0.00E+00	1.98E+00	5.71E-07	1.98E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MU140A	1.43E-03	1.58E-01	7.44E-03	1.47E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.28E-04	1.51E-03	0.00E+00	-1.68E-04	2.03E-10	8.32E-09	7.80E-03	3.59E-01	0.00E+00	0.00E+00	9.97E-01	3.54E-03	1.99E+00	0.00E+00	1.52E-08	7.94E-09	4.58E-04	9.65E-08	1.71E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MU150A	1.65E-03	1.62E-01	7.76E-03	1.53E-01	2.87E-12	0.00E+00	1.19E+00	2.66E-06	8.58E-04	1.52E-03	0.00E+00	-3.27E-04	2.04E-10	1.01E-08	7.92E-03	3.96E-01	0.00E+00	0.00E+00	1.05E+00	4.44E-03	2.02E+00	0.00E+00	1.56E-08	8.09E-09	4.75E-04	1.02E-07	1.85E-01	0.00E+00	2.02E+00	5.81E-07	2.02E+00	2.20E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MU163A	1.82E-03	1.63E-01	7.90E-03	1.54E-01	2.87E-12	0.00E+00	1.20E+00	2.66E-06	9.78E-04	1.56E-03	0.00E+00	-3.58E-04	2.34E-10	1.08E-08	7.95E-03	4.03E-01	0.00E+00	0.00E+00	1.06E+00	4.82E-03	2.03E+00	0.00E+00	1.56E-08	8.06E-09	5.28E-04	1.14E-07	1.87E-01	0.00E+00	2.03E+00	5.78E-07	2.03E+00	2.21E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MU202A	2.50E-03	3.64E-01	1.22E-02	3.45E-01	2.87E-12	0.00E+00	2.25E+00	4.89E-06	5.54E-04	3.26E-03	0.00E+00	-3.42E-04	4.01E-10	1.08E-08	1.53E-02	6.51E-01	0.00E+00	0.00E+00	1.79E+00	4.45E-03	3.75E+00	0.00E+00	2.94E-08	1.43E-08	9.31E-04	1.46E-07	3.35E-01	0.00E+00	3.75E+00	1.12E-06	3.75E+00	4.08E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
MU206A	1.32E-03	2.98E-01	1.09E-02	2.87E-01	2.87E-12	0.00E+00	1.87E+00	3.52E-06	5.05E-04	2.77E-03	0.00E+00	-1.76E-04	3.16E-10	7.04E-09	1.20E-02	5.37E-01	0.00E+00	0.00E+00	1.35E+00	4.02E-03	2.50E+00	0.00E+00	2.03E-08	9.72E-09	7.56E-04	1.37E-07	2.41E-01	0.00E+00	2.50E+00	5.49E-07	2.50E+00	2.76E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
MU210A	1.55E-03	3.21E-01	8.47E-03	3.11E-01	2.87E-12	0.00E+00	1.79E+00	3.40E-06	6.90E-04	2.80E-03	0.00E+00	-1.37E-04	3.06E-10	8.74E-09	1.17E-02	4.74E-01	0.00E+00	0.00E+00	1.38E+00	1.96E-03	2.48E+00	0.00E+00	2.01E-08	9.83E-09	7.33E-04	7.10E-08	2.43E-01	0.00E+00	2.48E+00	4.80E-07	2.48E+00	2.74E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.94E+01
MU216A	1.41E-03	2.27E-01	7.82E-03	2.22E-01	2.87E-12	0.00E+00	1.68E+00	3.58E-06	7.02E-04	2.20E-03	0.00E+00	-1.50E-04	3.00E-10	7.78E-09	1.13E-02	4.54E-01	1.83E-06	8.31E-06	1.35E+00	2.09E-03	2.59E+00	0.00E+00	2.05E-08	9.68E-09	6.16E-04	1.73E-07	2.37E-01	0.00E+00	2.59E+00	7.93E-07	2.59E+00	2.84E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MU220A	1.49E-03	3.05E-01	1.14E-02	2.94E-01	2.87E-12	0.00E+00	1.85E+00	3.63E-06	6.72E-04	2.76E-03	0.00E+00	-2.02E-04	3.36E-10	8.36E-09	1.21E-02	5.42E-01	0.00E+00	0.00E+00	1.45E+00	3.98E-03	2.61E+00	0.00E+00	2.06E-08	1.02E-08	7.50E-04	1.25E-07	2.47E-01	0.00E+00	2.61E+00	6.16E-07	2.61E+00	2.85E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.23E+01
MU225A	2.59E-03	3.61E-01	1.20E-02	3.44E-01	2.87E-12	0.00E+00	2.21E+00	4.87E-06	1.12E-03	3.27E-03	0.00E+00	-2.04E-04	3.93E-10	1.29E-08	1.49E-02	6.08E-01	0.00E+00	0.00E+00	1.85E+00	3.62E-03	3.78E+00	0.00E+00	2.97E-08	1.45E-08	9.23E-04	1.19E-07	3.39E-01	0.00E+00	3.78E+00	1.14E-06	3.78E+00	4.09E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
MU232A	2.85E-03	3.63E-01	1.23E-02	3.43E-01	2.87E-12	0.00E+00	2.22E+00	4.87E-06	1.25E-03	3.24E-03	0.00E+00	-2.14E-04	3.94E-10	1.48E-08	1.53E-02	7.23E-01	0.00E+00	0.00E+00	1.95E+00	3.72E-03	3.80E+00	0.00E+00	2.97E-08	1.46E-08	9.21E-04	1.17E-07	3.44E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.09E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MU240A	3.06E-03	3.63E-01	1.29E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.49E-03	3.25E-03	0.00E+00	-2.66E-04	3.96E-10	1.79E-08	1.53E-02	7.41E-01	0.00E+00	0.00E+00	1.95E+00	4.13E-03	3.80E+00	0.00E+00	2.98E-08	1.52E-08	9.24E-04	1.21E-07	3.44E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.12E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MU250A	3.04E-03	3.28E-01	1.47E-02	3.11E-01	2.87E-12	0.00E+00	2.34E+00	4.96E-06	1.32E-03	3.15E-03	0.00E+00	-4.48E-04	4.41E-10	1.67E-08	1.56E-02	7.71E-01	0.00E+00	0.00E+00	2.01E+00	5.38E-03	3.85E+00	0.00E+00	2.98E-08	1.49E-08	9.43E-04	1.77E-07	3.56E-01	0.00E+00	3.85E+00	1.14E-06	3.85E+00	4.16E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
MU263A	4.16E-03	3.22E-01	1.55E-02	3.03E-01	2.87E-12	0.00E+00	2.34E+00	5.04E-06	2.20E-03	3.11E-03	0.00E+00	-5.27E-04	4.42E-10	2.59E-08	1.61E-02	8.04E-01	0.00E+00	0.00E+00	2.09E+00	6.63E-03	3.89E+00	0.00E+00	3.02E-08	1.59E-08	9.47E-04	2.06E-07	3.70E-01	0.00E+00	3.89E+00	1.16E-06	3.89E+00	4.24E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MU302A	3.01E-03	5.04E-01	1.66E-02	4.71E-01	2.87E-12	0.00E+00	3.10E+00	6.99E-06	1.04E-03	4.52E-03	0.00E+00	-4.51E-04	5.92E-10	1.36E-08	2.20E-02	8.72E-01	0.00E+00	0.00E+00	2.41E+00	6.22E-03	5.65E+00	0.00E+00	4.30E-08	1.96E-08	1.32E-03	1.74E-07	4.28E-01	0.00E+00	5.65E+00	1.70E-06	5.65E+00	6.09E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.68E+01
MU306A	2.23E-03	4.73E-01	1.42E-02	4.60E-01	2.87E-12	0.00E+00	2.66E+00	4.95E-06	8.79E-04	4.20E-03	0.00E+00	-2.49E-04	4.75E-10	1.12E-08	1.74E-02	6.77E-01	0.00E+00	0.00E+00	1.97E+00	3.20E-03	3.62E+00	0.00E+00	2.90E-08	1.41E-08	1.11E-03	1.14E-07	3.53E-01	0.00E+00	3.62E+00	7.17E-07	3.62E+00	3.97E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
MU310A	2.34E-03	4.80E-01	1.41E-02	4.66E-01	2.87E-12	0.00E+00	2.74E+00	5.10E-06	1.04E-03	4.28E-03	0.00E+00	-2.21E-04	4.83E-10	1.23E-08	1.78E-02	6.74E-01	0.00E+00	0.00E+00	2.01E+00	2.94E-03	3.73E+00	0.00E+00	2.99E-08	1.46E-08	1.12E-03	1.06E-07	3.66E-01	0.00E+00	3.73E+00	7.25E-07	3.73E+00	4.10E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MU316A	2.43E-03	4.89E-01	1.38E-02	4.74E-01	2.87E-12	0.00E+00	2.77E+00	5.13E-06	1.09E-03	4.26E-03	0.00E+00	-2.25E-04	4.95E-10	1.31E-08	1.80E-02	7.39E-01	0.00E+00	0.00E+00	2.09E+00	2.96E-03	3.77E+00	0.00E+00	3.03E-08	1.47E-08	1.12E-03	1.17E-07	3.73E-01	0.00E+00	3.77E+00	7.50E-07	3.77E+00	4.15E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MU320A	2.79E-03	4.55E-01	1.63E-02	4.34E-01	2.87E-12	0.00E+00	2.95E+00	6.01E-06	1.27E-03	4.14E-03	0.00E+00	-4.40E-04	5.10E-10	1.58E-08	2.03E-02	7.96E-01	0.00E+00	0.00E+00	2.40E+00	5.81E-03	4.64E+00	0.00E+00	3.66E-08	1.92E-08	1.19E-03	1.83E-07	4.31E-01	0.00E+00	4.64E+00	8.03E-07	4.64E+00	5.17E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MU325A	3.28E-03	4.67E-01	1.76E-02	4.40E-01	2.87E-12	0.00E+00	3.04E+00	7.14E-06	1.51E-03	4.28E-03	0.00E+00	-4.22E-04	5.85E-10	1.83E-08	2.29E-02	9.42E-01	0.00E+00	0.00E+00	2.67E+00	6.16E-03	5.63E+00	0.00E+00	4.30E-08	2.12E-08	1.30E-03	1.77E-07	4.72E-01	0.00E+00	5.63E+00	1.69E-06	5.63E+00	6.03E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.82E+01
MU332A	4.51E-03	4.97E-01	1.95E-02	4.63E-01	2.87E-12	0.00E+00	3.40E+00	7.19E-06	2.43E-03	4.49E-03	0.00E+00	-5.09E-04	6.14E-10	2.84E-08	2.28E-02	1.09E+00	0.00E+00	0.00E+00	2.90E+00	6.37E-03	5.81E+00	0.00E+00	4.50E-08	2.26E-08	1.40E-03	1.86E-07	5.09E-01	0.00E+00	5.81E+00	1.74E-06	5.81E+00	6.32E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MU340A	4.52E-03	4.77E-01	2.03E-02	4.40E-01	2.87E-12	0.00E+00	3.41E+00	7.25E-06	2.42E-03	4.42E-03	0.00E+00	-5.71E-04	6.16E-10	2.84E-08	2.29E-02	1.10E+00	0.00E+00	0.00E+00	2.94E+00	6.78E-03	5.84E+00	0.00E+00	4.52E-08	2.30E-08	1.40E-03	2.11E-07	5.16E-01	0.00E+00	5.84E+00	1.75E-06	5.84E+00	6.36E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MU350A	5.03E-03	4.54E-01	2.53E-02	4.25E-01	2.87E-12	0.00E+00	3.62E+00	7.75E-06	2.78E-03	4.44E-03	0.00E+00	-7.87E-04	6.25E-10	3.20E-08	2.40E-02	1.22E+00	0.00E+00	0.00E+00	3.19E+00	8.79E-03	6.02E+00	0.00E+00	4.57E-08	2.32E-08	1.42E-03	3.39E-07	5.58E-01	0.00E+00	6.02E+00	1.61E-06	6.02E+00	6.48E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MU363A	5.08E-03	4.33E-01	2.56E-02	4.14E-01	2.87E-12	0.00E+00	3.66E+00	8.00E-06	2.80E-03	4.42E-03	0.00E+00	-8.00E-04	6.31E-10	3.21E-08	2.49E-02	1.23E+00	0.00E+00	0.00E+00	3.23E+00	1.03E-02	6.08E+00	0.00E+00	4.69E-08	2.43E-08	1.41E-03	3.55E-07	5.64E-01	0.00E+00	6.08E+00	1.73E-06	6.08E+00	6.61E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MU406A	3.08E-03	6.08E-01	1.79E-02	5.92E-01	2.87E-12	0.00E+00	3.43E+00	6.37E-06	1.06E-03	5.37E-03	0.00E+00	-2.95E-04	6.15E-10	1.44E-08	2.24E-02	9.20E-01	0.00E+00	0.00E+00	2.60E+00	4.01E-03	4.74E+00	0.00E+00	3.79E-08	1.79E-08	1.38E-03	1.51E-07	4.60E-01	0.00E+00	4.74E+00	9.14E-07	4.74E+00	5.20E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MU410A	3.34E-03	6.13E-01	1.80E-02	6.00E-01	2.87E-12	0.00E+00	3.47E+00	6.59E-06	1.48E-03	5.40E-03	0.00E+00	-3.01E-04	6.38E-10	1.74E-08	2.27E-02	9.39E-01	0.00E+00	0.00E+00	2.68E+00	4.08E-03	4.77E+00	0.00E+00	3.83E-08	1.81E-08	1.39E-03	1.56E-07	4.70E-01	0.00E+00	4.77E+00	9.39E-07	4.77E+00	5.24E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
MU416A	3.59E-03	6.17E-01	1.88E-02	6.01E-01	2.87E-12	0.00E+00	3.53E+00	6.64E-06	1.69E-03	5.46E-03	0.00E+00	-2.98E-04	6.55E-10	2.03E-08	2.28E-02	9.88E-01	0.00E+00	0.00E+00	2.76E+00	4.07E-03	4.85E+00	0.00E+00	3.89E-08	1.92E-08	1.46E-03	1.58E-07	4.90E-01	0.00E+00	4.85E+00	9.62E-07	4.85E+00	5.36E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MU420A	3.80E-03	5.85E-01	2.08E-02	5.61E-01	2.87E-12	0.00E+00	3.55E+00	6.72E-06	1.92E-03	4.90E-03	0.00E+00	-5.59E-04	6.28E-10	2.18E-08	2.28E-02	1.03E+00	0.00E+00	0.00E+00	2.98E+00	6.21E-03	5.21E+00	0.00E+00	4.09E-08	2.17E-08	1.47E-03	2.02E-07	5.25E-01	0.00E+00	5.21E+00	9.51E-07	5.21E+00	5.75E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
MU425A	6.04E-03	7.88E-01	2.57E-02	7.58E-01	2.87E-12	0.00E+00	4.38E+00	8.09E-06	3.42E-03	6.97E-03	0.00E+00	-5.49E-04	8.22E-10	3.96E-08	2.74E-02	1.47E+00	0.00E+00	0.00E+00	3.78E+00	6.27E-03	6.11E+00	0.00E+00	4.95E-08	2.69E-08	2.06E-03	2.08E-07	6.70E-01	0.00E+00	6.11E+00	1.66E-06	6.11E+00	6.76E+00	6.70E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MU432A	6.83E-03	9.35E-01	2.59E-02	9.16E-01	2.87E-12	0.00E+00	5.03E+00	9.33E-06	3.94E-03	8.71E-03	0.00E+00	-5.77E-04	8.59E-10	4.16E-08	2.87E-02	1.53E+00	0.00E+00	0.00E+00	4.09E+00	5.26E-03	6.58E+00	0.00E+00	5.36E-08	2.77E-08	2.37E-03	2.27E-07	7.22E-01	0.00E+00	6.58E+00	1.03E-06	6.58E+00	7.22E+00	7.22E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MU440A	6.86E-03	9.28E-01	2.53E-02	8.98E-01	2.87E-12	0.00E+00	5.04E+00	9.34E-06	4.06E-03	8.70E-03	0.00E+00	-7.06E-04	8.75E-10	4.16E-08	2.87E-02	1.54E+00	0.00E+00	0.00E+00	4.11E+00	5.33E-03	6.61E+00	0.00E+00	5.37E-08	2.78E-08	2.36E-03	2.48E-07	7.23E-01	0.00E+00	6.61E+00	1.03E-06	6.61E+00	7.23E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MU450A	8.35E-03	9.26E-01	2.93E-02	8.98E-01	2.87E-12	0.00E+00	5.13E+00	9.33E-06	4.86E-03	8.70E-03	0.00E+00	-7.08E-04	1.02E-09	5.47E-08	3.04E-02	1.63E+00	0.00E+00	0.00E+00	4.14E+00	5.42E-03	6.60E+00	0.00E+00	5.36E-08	2.81E-08	2.35E-03	2.50E-07	7.31E-01	0.00E+00	6.60E+00	1.03E-06	6.60E+00	7.22E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
MU463A	7.55E-03	8.28E-01	2.93E-02	8.00E-01	2.87E-12	0.00E+00	4.95E+00	9.04E-06	4.53E-03	7.41E-03	0.00E+00	-4.46E-04	9.60E-10	5.02E-08	3.00E-02	1.66E+00	0.00E+00	0.00E+00	4.29E+00	5.81E-03	6.67E+00	0.00E+00	5.37E-08	2.96E-08	2.12E-03	2.13E-07	7.50E-01	0.00E+00	6.67E+00	1.02E-06	6.67E+00	7.42E+00	7.50E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MUN106A	6.71E-04	1.55E-01	4.21E-03	1.51E-01	0.00E+00	0.00E+00	8.67E-01	1.62E-06	2.83E-04	1.34E-03	0.00E+00	-7.26E-05	1.47E-10	3.58E-09	5.52E-03	2.17E-01	0.00E+00	0.00E+00	6.42E-01	9.75E-04	1.17E+00	0.00E+00	9.43E-09	4.56E-09	3.47E-04	3.56E-08	1.14E-01	0.00E+00	1.17E+00	2.26E-07	1.17E+00	1.28E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
MUN110A	6.12E-04	1.39E-01	3.52E-03	1.36E-01	0.00E+00	0.00E+00	7.52E-01	1.41E-06	2.62E-04	1.21E-03	0.00E+00	-4.21E-05	1.20E-10	3.22E-09	4.73E-03	1.90E-01	0.00E+00	0.00E+00	5.52E-01	5.71E-04	1.05E+00	0.00E+00	8.50E-09	4.10E-09	3.14E-04	2.45E-08	9.95E-02	0.00E+00	1.05E+00	2.11E-07	1.05E+00	1.15E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
MUN116A	6.18E-04	1.40E-01	3.56E-03	1.37E-01	0.00E+00	0.00E+00	7.58E-01	1.44E-06	2.62E-04	1.22E-03	0.00E+00	-4.21E-05	1.32E-10	3.24E-09	4.75E-03	1.92E-01	0.00E+00	0.00E+00	5.77E-01	5.71E-04	1.06E+00	0.00E+00	8.55E-09	4.17E-09	3.16E-04	2.45E-08	1.02E-01	0.00E+00	1.06E+00	2.21E-07	1.06E+00	1.16E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MUN120A	8.16E-04	1.57E-01	4.60E-03	1.52E-01	0.00E+00	0.00E+00	9.35E-01	1.79E-06	3.77E-04	1.38E-03	0.00E+00	-7.26E-05	1.71E-10	4.62E-09	5.90E-03	2.45E-01	0.00E+00	0.00E+00	7.31E-01	9.76E-04	1.28E+00	0.00E+00	1.02E-08	5.05E-09	3.67E-04	3.60E-08	1.28E-01	0.00E+00	1.28E+00	2.65E-07	1.28E+00	1.40E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MUN125A	9.73E-04	1.61E-01	4.95E-03	1.56E-01	0.00E+00	0.00E+00	9.95E-01	1.90E-06	4.89E-04	1.43E-03	0.00E+00	-7.26E-05	1.83E-10	5.81E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	7.89E-01	9.76E-04	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.87E-04	3.64E-08	1.38E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MUN132A	1.49E-03	2.08E-01	7.22E-03	1.98E-01	2.87E-12	0.00E+00	1.14E+00	1.93E-06	8.21E-04	1.66E-03	0.00E+00	-2.16E-04	2.19E-10	9.13E-09	6.84E-03	3.53E-01	0.00E+00	0.00E+00	8.95E-01	3.17E-03	1.50E+00	0.00E+00	1.24E-08	6.57E-09	4.80E-04	7.19E-08	1.61E-01	0.00E+00	1.50E+00	2.48E-07	1.50E+00	1.67E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MUN140A	1.55E-03	2.08E-01	7.40E-03	1.98E-01	2.87E-12	0.00E+00	1.15E+00	1.93E-06	9.12E-04	1.66E-03	0.00E+00	-2.25E-04	2.33E-10	9.98E-09	6.83E-03	3.63E-01	0.00E+00	0.00E+00	9.23E-01	3.34E-03	1.50E+00	0.00E+00	1.23E-08	6.66E-09	4.78E-04	7.19E-08	1.65E-01	0.00E+00	1.50E+00	2.47E-07	1.50E+00	1.67E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MUN206A	1.33E-03	3.03E-01	8.28E-03	2.95E-01	0.00E+00	0.00E+00	1.69E+00	3.16E-06	5.63E-04	2.64E-03	0.00E+00	-1.45E-04	2.90E-10	7.06E-09	1.11E-02	4.34E-01	0.00E+00	0.00E+00	1.26E+00	1.95E-03	2.31E+00	0.00E+00	1.86E-08	9.00E-09	6.82E-04	7.07E-08	2.24E-01	0.00E+00	2.31E+00	4.49E-07	2.31E+00	2.54E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.47E+01
MUN210A	1.21E-03	2.75E-01	6.91E-03	2.69E-01	0.00E+00	0.00E+00	1.46E+00	2.73E-06	5.21E-04	2.40E-03	0.00E+00	-8.42E-05	2.36E-10	6.34E-09	9.55E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.09E-09	6.21E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MUN216A	1.22E-03	2.76E-01	6.92E-03	2.69E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.42E-05	2.37E-10	6.35E-09	9.57E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.07E+00	0.00E+00	1.68E-08	8.10E-09	6.22E-04	4.87E-08	1.95E-01	0.00E+00	2.07E+00	4.15E-07	2.07E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MUN220A	1.53E-03	2.84E-01	7.64E-03	2.77E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.50E-03	0.00E+00	-8.42E-05	2.60E-10	8.79E-09	1.01E-02	4.32E-01	0.00E+00	0.00E+00	1.19E+00	1.14E-03	2.20E+00	0.00E+00	1.78E-08	8.79E-09	6.63E-04	4.95E-08	2.15E-01	0.00E+00	2.20E+00	4.18E-07	2.20E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MUN225A	1.91E-03	3.20E-01	9.71E-03	3.11E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.74E-04	2.82E-03	0.00E+00	-1.45E-04	3.52E-10	1.15E-08	1.22E-02	5.33E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.58E+00	0.00E+00	2.06E-08	1.04E-08	7.61E-04	7.23E-08	2.66E-01	0.00E+00	2.58E+00	4.80E-07	2.58E+00	2.85E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MUN232A	3.25E-03	3.99E-01	1.22E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	4.21E-10	2.09E-08	1.37E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.98E-04	7.85E-08	3.28E-01	0.00E+00	3.03E+00	4.89E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MUN240A	3.24E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.94E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MUN250A	3.84E-03	4.14E-01	1.43E-02	4.00E-01	0.00E+00	0.00E+00	2.45E+00	4.49E-06	2.33E-03	3.71E-03	0.00E+00	-2.28E-04	4.63E-10	2.53E-08	1.49E-02	8.26E-01	0.00E+00	0.00E+00	2.11E+00	3.05E-03	3.31E+00	0.00E+00	2.67E-08	1.47E-08	1.07E-03	1.04E-07	3.71E-01	0.00E+00	3.31E+00	5.01E-07	3.31E+00	3.68E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.73E+01
MUN263A	3.88E-03	4.17E-01	1.45E-02	4.02E-01	0.00E+00	0.00E+00	2.48E+00	4.57E-06	2.36E-03	3.74E-03	0.00E+00	-2.28E-04	4.81E-10	2.56E-08	1.51E-02	8.36E-01	0.00E+00	0.00E+00	2.15E+00	3.05E-03	3.35E+00	0.00E+00	2.69E-08	1.49E-08	1.08E-03	1.04E-07	3.77E-01	0.00E+00	3.35E+00	5.17E-07	3.35E+00	3.72E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
MUN306A	2.17E-03	4.54E-01	2.31E-02	4.39E-01	2.87E-12	0.00E+00	2.59E+00	4.84E-06	8.95E-04	4.02E-03	0.00E+00	-2.41E-04	4.57E-10	1.13E-08	1.69E-02	6.62E-01	1.83E-06	8.31E-06	1.92E+00	3.15E-03	3.56E+00	0.00E+00	2.85E-08	1.38E-08	1.03E-03	2.06E-07	3.44E-01	0.00E+00	3.56E+00	7.11E-07	3.56E+00	3.91E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MUN310A	2.02E-03	4.48E-01	1.26E-02	4.36E-01	0.00E+00	0.00E+00	2.56E+00	4.89E-06	8.47E-04	3.92E-03	0.00E+00	-2.18E-04	4.65E-10	1.07E-08	1.69E-02	6.62E-01	0.00E+00	0.00E+00	1.96E+00	2.92E-03	3.55E+00	0.00E+00	2.83E-08	1.38E-08	1.02E-03	1.06E-07	3.45E-01	0.00E+00	3.55E+00	7.44E-07	3.55E+00	3.90E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MUN316A	2.22E-03	4.54E-01	1.30E-02	4.41E-01	0.00E+00	0.00E+00	2.63E+00	5.02E-06	9.91E-04	3.98E-03	0.00E+00	-2.18E-04	4.79E-10	1.22E-08	1.72E-02	6.94E-01	0.00E+00	0.00E+00	2.03E+00	2.93E-03	3.63E+00	0.00E+00	2.90E-08	1.43E-08	1.05E-03	1.06E-07	3.57E-01	0.00E+00	3.63E+00	7.46E-07	3.63E+00	3.99E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MUN320A	2.44E-03	4.67E-01	1.35E-02	4.54E-01	0.00E+00	0.00E+00	2.71E+00	5.09E-06	1.16E-03	4.09E-03	0.00E+00	-2.18E-04	4.93E-10	1.40E-08	1.75E-02	7.26E-01	0.00E+00	0.00E+00	2.09E+00	2.93E-03	3.66E+00	0.00E+00	2.93E-08	1.46E-08	1.08E-03	1.07E-07	3.69E-01	0.00E+00	3.66E+00	6.98E-07	3.66E+00	4.03E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MUN325A	2.86E-03	4.77E-01	1.45E-02	4.63E-01	0.00E+00	0.00E+00	2.87E+00	5.39E-06	1.46E-03	4.21E-03	0.00E+00	-2.18E-04	5.25E-10	1.72E-08	1.82E-02	7.95E-01	0.00E+00	0.00E+00	2.25E+00	2.93E-03	3.84E+00	0.00E+00	3.07E-08	1.55E-08	1.13E-03	1.08E-07	3.96E-01	0.00E+00	3.84E+00	7.13E-07	3.84E+00	4.24E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MUN332A	4.85E-03	6.01E-01	1.81E-02	5.83E-01	0.00E+00	0.00E+00	3.21E+00	5.77E-06	2.87E-03	5.32E-03	0.00E+00	-2.29E-04	6.16E-10	3.13E-08	2.03E-02	1.07E+00	0.00E+00	0.00E+00	2.72E+00	3.08E-03	4.46E+00	0.00E+00	3.65E-08	1.97E-08	1.49E-03	1.18E-07	4.84E-01	0.00E+00	4.46E+00	6.76E-07	4.46E+00	4.94E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
MUN340A	4.88E-03	5.86E-01	3.63E-02	5.67E-01	2.87E-12	0.00E+00	3.51E+00	6.05E-06	2.85E-03	5.24E-03	0.00E+00	-3.74E-04	6.21E-10	3.14E-08	2.23E-02	1.08E+00	1.83E-06	8.31E-06	2.75E+00	5.05E-03	4.45E+00	0.00E+00	3.65E-08	2.00E-08	1.49E-03	2.64E-07	4.87E-01	0.00E+00	4.45E+00	7.08E-07	4.45E+00	4.95E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
MUN363A	4.47E-03	1.40E-01	4.56E-03	1.35E-01	2.87E-12	0.00E+00	7.15E-01	1.38E-06	2.53E-03	1.19E-03	0.00E+00	-1.20E-04	1.23E-10	2.87E-08	4.55E-03	2.03E-01	0.00E+00	0.00E+00	5.73E-01	8.31E-04	1.02E+00	0.00E+00	8.21E-09	4.10E-09	3.15E-04	8.49E-08	1.01E-01	0.00E+00	1.02E+00	2.44E-07	1.02E+00	1.12E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+01
MUN406A	2.65E-03	6.04E-01	1.66E-02	5.88E-01	0.00E+00	0.00E+00	3.38E+00	6.33E-06	1.12E-03	5.25E-03	0.00E+00	-2.91E-04	5.80E-10	1.41E-08	2.22E-02	8.67E-01	0.00E+00	0.00E+00	2.51E+00	3.90E-03	4.62E+00	0.00E+00	3.71E-08	1.80E-08	1.36E-03	1.41E-07	4.48E-01	0.00E+00	4.62E+00	8.98E-07	4.62E+00	5.07E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	8.94E+01
MUN410A	2.68E-03	6.05E-01	1.67E-02	5.88E-01	0.00E+00	0.00E+00	3.42E+00	6.44E-06	1.13E-03	5.27E-03	0.00E+00	-2.91E-04	6.03E-10	1.43E-08	2.24E-02	8.77E-01	0.00E+00	0.00E+00	2.57E+00	3.90E-03	4.67E+00	0.00E+00	3.75E-08	1.82E-08	1.37E-03	1.41E-07	4.55E-01	0.00E+00	4.67E+00	9.30E-07	4.67E+00	5.13E+00	4.55E-01	0.00E+00	0.00E+00	0.00E+00	9.18E+01
MUN416A	2.97E-03	6.06E-01	1.74E-02	5.89E-01	0.00E+00	0.00E+00	3.54E+00	6.76E-06	1.32E-03	5.32E-03	0.00E+00	-2.91E-04	6.41E-10	1.64E-08	2.31E-02	9.31E-01	0.00E+00	0.00E+00	2.73E+00	3.90E-03	4.88E+00	0.00E+00	3.89E-08	1.91E-08	1.40E-03	1.42E-07	4.80E-01	0.00E+00	4.88E+00	1.00E-06	4.88E+00	5.36E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.81E+01
MUN420A	3.29E-03	6.17E-01	1.82E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.44E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.86E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.03E+00	0.00E+00	4.00E-08	1.99E-08	1.45E-03	1.43E-07	5.04E-01	0.00E+00	5.03E+00	1.02E-06	5.03E+00	5.53E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MUN425A	3.83E-03	6.38E-01	1.94E-02	6.18E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.95E-03	5.62E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.16E+00	0.00E+00	4.12E-08	2.08E-08	1.52E-03	1.44E-07	5.31E-01	0.00E+00	5.16E+00	9.61E-07	5.16E+00	5.69E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MUN432A	6.50E-03	7.99E-01	2.44E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.10E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.82E-07	6.08E+00	6.73E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN440A	6.49E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN450A	7.72E-03	8.52E-01	2.92E-02	8.22E-01	0.00E+00	0.00E+00	5.09E+00	9.24E-06	4.68E-03	7.61E-03	0.00E+00	-4.56E-04	9.42E-10	5.11E-08	3.07E-02	1.68E+00	0.00E+00	0.00E+00	4.29E+00	6.10E-03	6.74E+00	0.00E+00	5.44E-08	2.98E-08	2.19E-03	2.10E-07	7.58E-01	0.00E+00	6.74E+00	9.78E-07	6.74E+00	7.50E+00	7.58E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MUN463A	7.81E-03	8.57E-01	2.95E-02	8.28E-01	0.00E+00	0.00E+00	5.15E+00	9.40E-06	4.73E-03	7.66E-03	0.00E+00	-4.56E-04	9.79E-10	5.17E-08	3.10E-02	1.70E+00	0.00E+00	0.00E+00	4.38E+00	6.10E-03	6.82E+00	0.00E+00	5.49E-08	3.01E-08	2.20E-03	2.11E-07	7.71E-01	0.00E+00	6.82E+00	1.01E-06	6.82E+00	7.59E+00	7.71E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+02
MUN506A	1.33E-03	3.03E-01	8.28E-03	2.95E-01	0.00E+00	0.00E+00	1.70E+00	3.15E-06	5.65E-04	2.64E-03	0.00E+00	-1.45E-04	2.82E-10	7.09E-09	1.12E-02	4.34E-01	0.00E+00	0.00E+00	1.24E+00	1.95E-03	2.31E+00	0.00E+00	1.86E-08	8.98E-09	6.82E-04	7.08E-08	2.23E-01	0.00E+00	2.31E+00	4.42E-07	2.31E+00	2.53E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.40E+01
MUN510A	1.22E-03	2.76E-01	6.91E-03	2.69E-01	0.00E+00	0.00E+00	1.46E+00	2.74E-06	5.22E-04	2.41E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.58E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.12E-09	6.23E-04	4.83E-08	1.95E-01	0.00E+00	2.07E+00	4.17E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MUN516A	1.22E-03	2.76E-01	6.92E-03	2.69E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.22E-04	2.41E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.59E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.13E-09	6.24E-04	4.83E-08	1.95E-01	0.00E+00	2.07E+00	4.18E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MUN520A	1.54E-03	2.85E-01	7.64E-03	2.77E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.50E-03	0.00E+00	-8.29E-05	2.60E-10	8.79E-09	1.01E-02	4.33E-01	0.00E+00	0.00E+00	1.19E+00	1.12E-03	2.20E+00	0.00E+00	1.78E-08	8.82E-09	6.65E-04	4.91E-08	2.15E-01	0.00E+00	2.20E+00	4.22E-07	2.20E+00	2.42E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.25E+01
MUN525A	1.98E-03	3.06E-01	8.74E-03	2.97E-01	0.00E+00	0.00E+00	1.76E+00	3.24E-06	1.06E-03	2.70E-03	0.00E+00	-8.24E-05	3.08E-10	1.22E-08	1.13E-02	5.15E-01	0.00E+00	0.00E+00	1.38E+00	1.12E-03	2.40E+00	0.00E+00	1.94E-08	9.89E-09	7.35E-04	5.06E-08	2.47E-01	0.00E+00	2.40E+00	4.19E-07	2.40E+00	2.65E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MUN532A	3.24E-03	3.97E-01	1.21E-02	3.84E-01	0.00E+00	0.00E+00	2.15E+00	3.88E-06	1.91E-03	3.53E-03	0.00E+00	-1.52E-04	3.98E-10	2.09E-08	1.37E-02	7.19E-01	0.00E+00	0.00E+00	1.81E+00	2.05E-03	3.01E+00	0.00E+00	2.46E-08	1.32E-08	9.93E-04	7.84E-08	3.23E-01	0.00E+00	3.01E+00	4.68E-07	3.01E+00	3.33E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MUN540A	3.25E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.22E-10	2.10E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.95E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MUN606A	2.84E-03	6.03E-01	1.78E-02	5.88E-01	2.87E-12	0.00E+00	3.46E+00	6.40E-06	1.10E-03	5.36E-03	0.00E+00	-2.98E-04	6.21E-10	1.45E-08	2.25E-02	9.20E-01	0.00E+00	0.00E+00	2.67E+00	4.04E-03	4.76E+00	0.00E+00	3.81E-08	1.85E-08	1.38E-03	1.54E-07	4.68E-01	0.00E+00	4.76E+00	9.38E-07	4.76E+00	5.23E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.43E+01
MUN610A	2.70E-03	5.98E-01	1.68E-02	5.81E-01	0.00E+00	0.00E+00	3.44E+00	6.55E-06	1.13E-03	5.24E-03	0.00E+00	-2.91E-04	6.09E-10	1.43E-08	2.27E-02	8.86E-01	0.00E+00	0.00E+00	2.61E+00	3.90E-03	4.76E+00	0.00E+00	3.80E-08	1.85E-08	1.37E-03	1.41E-07	4.61E-01	0.00E+00	4.76E+00	9.90E-07	4.76E+00	5.22E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.33E+01
MUN616A	2.96E-03	6.06E-01	1.74E-02	5.88E-01	0.00E+00	0.00E+00	3.54E+00	6.73E-06	1.32E-03	5.32E-03	0.00E+00	-2.91E-04	6.28E-10	1.64E-08	2.31E-02	9.29E-01	0.00E+00	0.00E+00	2.71E+00	3.90E-03	4.87E+00	0.00E+00	3.89E-08	1.91E-08	1.40E-03	1.42E-07	4.77E-01	0.00E+00	4.87E+00	9.93E-07	4.87E+00	5.35E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	9.69E+01
MUN620A	3.41E-03	6.17E-01	1.83E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	6.95E-06	1.65E-03	5.44E-03	0.00E+00	-2.91E-04	6.63E-10	1.98E-08	2.37E-02	9.97E-01	0.00E+00	0.00E+00	2.86E+00	3.90E-03	5.03E+00	0.00E+00	4.02E-08	2.00E-08	1.46E-03	1.43E-07	5.03E-01	0.00E+00	5.03E+00	9.96E-07	5.03E+00	5.53E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MUN625A	3.94E-03	6.37E-01	1.95E-02	6.18E-01	0.00E+00	0.00E+00	3.85E+00	7.18E-06	2.04E-03	5.63E-03	0.00E+00	-2.91E-04	6.86E-10	2.40E-08	2.44E-02	1.08E+00	0.00E+00	0.00E+00	3.00E+00	3.90E-03	5.16E+00	0.00E+00	4.13E-08	2.09E-08	1.53E-03	1.45E-07	5.30E-01	0.00E+00	5.16E+00	9.33E-07	5.16E+00	5.69E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02

MUN632A	6.49E-03	7.97E-01	2.43E-02	7.72E-01	0.00E+00	0.00E+00	4.32E+00	7.84E-06	3.82E-03	7.08E-03	0.00E+00	-3.05E-04	8.20E-10	4.19E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.66E+00	4.10E-03	6.05E+00	0.00E+00	4.95E-08	2.66E-08	2.00E-03	1.57E-07	6.51E-01	0.00E+00	6.05E+00	9.62E-07	6.05E+00	6.71E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MUN640A	6.50E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN650A	7.68E-03	8.29E-01	2.86E-02	8.01E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.43E-03	0.00E+00	-4.56E-04	9.27E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.22E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.43E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MUN663A	7.77E-03	8.35E-01	2.90E-02	8.06E-01	0.00E+00	0.00E+00	4.97E+00	9.14E-06	4.71E-03	7.49E-03	0.00E+00	-4.56E-04	9.63E-10	5.13E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	6.10E-03	6.70E+00	0.00E+00	5.39E-08	2.98E-08	2.17E-03	2.09E-07	7.56E-01	0.00E+00	6.70E+00	1.04E-06	6.70E+00	7.46E+00	7.56E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MV106	7.50E-04	1.61E-01	5.43E-03	1.57E-01	2.87E-12	0.00E+00	8.83E-01	1.66E-06	3.27E-04	1.41E-03	0.00E+00	-8.74E-05	1.82E-10	4.05E-09	5.82E-03	2.30E-01	0.00E+00	0.00E+00	6.75E-01	1.04E-03	1.23E+00	0.00E+00	9.93E-09	4.82E-09	3.60E-04	4.28E-08	1.19E-01	0.00E+00	1.23E+00	2.82E-07	1.23E+00	1.35E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MV106Z	7.42E-04	1.58E-01	4.43E-03	1.54E-01	2.87E-12	0.00E+00	8.86E-01	1.67E-06	3.27E-04	1.38E-03	0.00E+00	-8.21E-05	1.55E-10	4.06E-09	5.67E-03	2.30E-01	0.00E+00	0.00E+00	6.74E-01	1.03E-03	1.22E+00	0.00E+00	9.79E-09	4.80E-09	3.60E-04	4.24E-08	1.19E-01	0.00E+00	1.22E+00	2.41E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MV110	5.99E-04	1.43E-01	4.74E-03	1.39E-01	2.87E-12	0.00E+00	7.59E-01	1.43E-06	2.44E-04	1.25E-03	0.00E+00	-7.25E-05	1.63E-10	3.20E-09	4.90E-03	1.91E-01	1.83E-06	8.31E-06	5.64E-01	8.71E-04	1.06E+00	0.00E+00	8.63E-09	4.14E-09	3.15E-04	1.38E-07	1.00E-01	0.00E+00	1.06E+00	6.30E-07	1.06E+00	1.16E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01
MV110Z	7.46E-04	1.59E-01	4.47E-03	1.55E-01	2.87E-12	0.00E+00	9.21E-01	1.76E-06	3.31E-04	1.39E-03	0.00E+00	-3.24E-05	1.62E-10	4.11E-09	5.76E-03	2.31E-01	0.00E+00	0.00E+00	7.06E-01	9.72E-04	1.25E+00	0.00E+00	9.95E-09	4.83E-09	3.63E-04	3.93E-08	1.22E-01	0.00E+00	1.25E+00	2.55E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MV116	6.19E-04	1.40E-01	3.59E-03	1.36E-01	2.87E-12	0.00E+00	7.62E-01	1.44E-06	2.66E-04	1.22E-03	0.00E+00	-5.04E-05	1.43E-10	3.27E-09	4.80E-03	1.91E-01	0.00E+00	0.00E+00	5.88E-01	5.93E-04	1.07E+00	0.00E+00	8.60E-09	4.20E-09	3.14E-04	3.14E-08	1.04E-01	0.00E+00	1.07E+00	2.16E-07	1.07E+00	1.17E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MV116Z	8.55E-04	1.65E-01	4.68E-03	1.60E-01	2.87E-12	0.00E+00	9.44E-01	1.78E-06	3.94E-04	1.45E-03	0.00E+00	-2.89E-05	1.69E-10	4.83E-09	5.94E-03	2.47E-01	0.00E+00	0.00E+00	7.24E-01	9.77E-04	1.28E+00	0.00E+00	1.03E-08	5.09E-09	3.80E-04	3.95E-08	1.27E-01	0.00E+00	1.28E+00	2.55E-07	1.28E+00	1.41E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MV120	6.41E-04	1.46E-01	4.14E-03	1.42E-01	2.87E-12	0.00E+00	7.86E-01	1.50E-06	2.65E-04	1.27E-03	0.00E+00	-5.08E-05	1.44E-10	3.35E-09	5.26E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	5.99E-04	1.13E+00	0.00E+00	9.07E-09	4.46E-09	3.26E-04	3.77E-08	1.08E-01	0.00E+00	1.13E+00	2.13E-07	1.13E+00	1.24E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MV120Z	8.90E-04	1.67E-01	5.03E-03	1.62E-01	2.87E-12	0.00E+00	9.69E-01	1.83E-06	4.24E-04	1.46E-03	0.00E+00	-5.55E-05	1.75E-10	5.19E-09	6.05E-03	2.53E-01	0.00E+00	0.00E+00	7.43E-01	1.11E-03	1.30E+00	0.00E+00	1.05E-08	5.19E-09	3.93E-04	4.02E-08	1.30E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
MV125	9.44E-04	1.67E-01	5.12E-03	1.62E-01	2.87E-12	0.00E+00	9.93E-01	1.89E-06	4.65E-04	1.48E-03	0.00E+00	-6.03E-05	1.82E-10	5.64E-09	6.15E-03	2.71E-01	0.00E+00	0.00E+00	7.86E-01	1.05E-03	1.33E+00	0.00E+00	1.07E-08	5.39E-09	4.02E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MV125Z	9.68E-04	1.70E-01	5.19E-03	1.64E-01	2.87E-12	0.00E+00	1.04E+00	1.88E-06	4.72E-04	1.49E-03	0.00E+00	-6.11E-05	1.84E-10	5.64E-09	6.16E-03	2.83E-01	0.00E+00	0.00E+00	8.03E-01	1.11E-03	1.35E+00	0.00E+00	1.09E-08	5.60E-09	4.09E-04	4.06E-08	1.40E-01	0.00E+00	1.35E+00	2.52E-07	1.35E+00	1.49E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
MV132	1.54E-03	1.99E-01	6.08E-03	1.94E-01	2.87E-12	0.00E+00	1.09E+00	1.92E-06	9.14E-04	1.76E-03	0.00E+00	-7.64E-05	2.09E-10	9.85E-09	6.73E-03	3.51E-01	0.00E+00	0.00E+00	8.88E-01	1.03E-03	1.50E+00	0.00E+00	1.23E-08	6.59E-09	4.93E-04	3.97E-08	1.59E-01	0.00E+00	1.50E+00	2.28E-07	1.50E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MV132Z	1.54E-03	1.99E-01	6.10E-03	1.93E-01	2.87E-12	0.00E+00	1.09E+00	1.94E-06	9.16E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	9.85E-09	6.75E-03	3.53E-01	0.00E+00	0.00E+00	8.94E-01	1.09E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.95E-04	3.98E-08	1.60E-01	0.00E+00	1.51E+00	2.30E-07	1.51E+00	1.67E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MV140	1.56E-03	1.99E-01	6.81E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.03E-04	1.76E-03	0.00E+00	-7.64E-05	2.32E-10	9.72E-09	6.76E-03	3.47E-01	0.00E+00	0.00E+00	8.85E-01	1.09E-03	1.50E+00	0.00E+00	1.23E-08	6.57E-09	4.92E-04	3.98E-08	1.59E-01	0.00E+00	1.50E+00	2.27E-07	1.50E+00	1.67E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MV140Z	1.58E-03	1.99E-01	6.15E-03	1.94E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.14E-04	1.77E-03	0.00E+00	-7.64E-05	2.10E-10	9.86E-09	6.77E-03	3.53E-01	0.00E+00	0.00E+00	8.93E-01	1.15E-03	1.50E+00	0.00E+00	1.23E-08	6.60E-09	4.95E-04	4.07E-08	1.60E-01	0.00E+00	1.50E+00	2.26E-07	1.50E+00	1.67E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
MV206	1.39E-03	3.27E-01	1.01E-02	3.16E-01	2.87E-12	0.00E+00	1.79E+00	3.53E-06	5.50E-04	2.86E-03	0.00E+00	-1.57E-04	3.33E-10	7.44E-09	1.20E-02	5.27E-01	0.00E+00	0.00E+00	1.37E+00	2.17E-03	2.57E+00	0.00E+00	2.06E-08	9.66E-09	7.55E-04	8.55E-08	2.39E-01	0.00E+00	2.57E+00	6.29E-07	2.57E+00	2.82E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
MV210	1.41E-03	3.23E-01	8.79E-03	3.11E-01	2.87E-12	0.00E+00	1.80E+00	3.54E-06	6.41E-04	2.81E-03	0.00E+00	-1.50E-04	3.31E-10	7.72E-09	1.17E-02	4.99E-01	0.00E+00	0.00E+00	1.39E+00	2.15E-03	2.58E+00	0.00E+00	2.05E-08	9.89E-09	7.39E-04	6.96E-08	2.42E-01	0.00E+00	2.58E+00	6.39E-07	2.58E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MV216	1.43E-03	2.69E-01	7.68E-03	2.53E-01	2.87E-12	0.00E+00	1.59E+00	3.37E-06	6.95E-04	2.39E-03	0.00E+00	-8.62E-05	2.95E-10	7.64E-09	1.04E-02	4.39E-01	1.83E-06	8.31E-06	1.22E+00	1.18E-03	2.46E+00	0.00E+00	1.92E-08	8.99E-09	6.33E-04	1.52E-07	2.17E-01	0.00E+00	2.46E+00	7.95E-07	2.46E+00	2.69E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	4.33E+01
MV220	1.58E-03	3.28E-01	9.39E-03	3.18E-01	2.87E-12	0.00E+00	1.87E+00	3.60E-06	7.35E-04	2.86E-03	0.00E+00	-1.54E-04	3.44E-10	8.78E-09	1.22E-02	4.99E-01	0.00E+00	0.00E+00	1.47E+00	2.14E-03	2.61E+00	0.00E+00	2.07E-08	1.01E-08	7.49E-04	7.88E-08	2.59E-01	0.00E+00	2.61E+00	6.83E-07	2.61E+00	2.85E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.29E+01
MV225	1.93E-03	3.30E-01	9.27E-03	3.21E-01	2.87E-12	0.00E+00	1.91E+00	3.63E-06	9.95E-04	2.91E-03	0.00E+00	-1.46E-04	3.28E-10	1.16E-08	1.22E-02	5.32E-01	0.00E+00	0.00E+00	1.53E+00	2.08E-03	2.61E+00	0.00E+00	2.07E-08	1.04E-08	7.76E-04	8.15E-08	2.69E-01	0.00E+00	2.61E+00	4.57E-07	2.61E+00	2.88E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	5.48E+01
MV232	3.11E-03	3.94E-01	1.20E-02	3.83E-01	2.87E-12	0.00E+00	2.16E+00	3.95E-06	1.76E-03	3.50E-03	0.00E+00	-1.78E-04	4.19E-10	1.93E-08	1.37E-02	7.10E-01	0.00E+00	0.00E+00	1.85E+00	2.37E-03	3.02E+00	0.00E+00	2.47E-08	1.33E-08	9.83E-04	8.30E-08	3.27E-01	0.00E+00	3.02E+00	5.61E-07	3.02E+00	3.35E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MV240	3.23E-03	3.95E-01	1.27E-02	3.83E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.82E-03	3.50E-03	0.00E+00	-2.32E-04	4.22E-10	2.07E-08	1.37E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.02E-03	3.02E+00	0.00E+00	2.47E-08	1.34E-08	9.83E-04	1.02E-07	3.26E-01	0.00E+00	3.02E+00	5.61E-07	3.02E+00	3.36E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MV306	2.22E-03	4.75E-01	1.38E-02	4.61E-01	2.87E-12	0.00E+00	2.65E+00	4.95E-06	8.78E-04	4.24E-03	0.00E+00	-2.43E-04	4.66E-10	1.13E-08	1.74E-02	6.69E-01	0.00E+00	0.00E+00	1.97E+00	3.18E-03	3.63E+00	0.00E+00	2.91E-08	1.40E-08	1.09E-03	1.08E-07	3.50E-01	0.00E+00	3.63E+00	7.16E-07	3.63E+00	3.98E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MV310	2.29E-03	4.79E-01	1.36E-02	4.65E-01	2.87E-12	0.00E+00	2.71E+00	5.09E-06	1.03E-03	4.27E-03	0.00E+00	-2.21E-04	4.78E-10	1.22E-08	1.78E-02	6.68E-01	0.00E+00	0.00E+00	1.99E+00	2.95E-03	3.72E+00	0.00E+00	2.99E-08	1.44E-08	1.09E-03	1.05E-07	3.62E-01	0.00E+00	3.72E+00	7.32E-07	3.72E+00	4.09E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MV316	2.48E-03	4.90E-01	1.39E-02	4.73E-01	2.87E-12	0.00E+00	2.77E+00	5.15E-06	1.10E-03	4.30E-03	0.00E+00	-2.24E-04	4.96E-10	1.35E-08	1.80E-02	7.40E-01	0.00E+00	0.00E+00	2.10E+00	2.96E-03	3.78E+00	0.00E+00	3.03E-08	1.48E-08	1.13E-03	1.21E-07	3.74E-01	0.00E+00	3.78E+00	7.42E-07	3.78E+00	4.15E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.50E+01
MV320	2.58E-03	4.94E-01	1.41E-02	4.76E-01	2.87E-12	0.00E+00	2.81E+00	5.27E-06	1.17E-03	4.32E-03	0.00E+00	-2.24E-04	5.08E-10	1.44E-08	1.82E-02	7.49E-01	0.00E+00	0.00E+00	2.15E+00	3.00E-03	3.80E+00	0.00E+00	3.05E-08	1.50E-08	1.14E-03	1.18E-07	3.82E-01	0.00E+00	3.80E+00	7.36E-07	3.80E+00	4.19E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MV325	2.92E-03	5.02E-01	2.59E-02	4.89E-01	2.87E-12	0.00E+00	2.96E+00	5.59E-06	1.53E-03	4.41E-03	0.00E+00	-2.24E-04	5.40E-10	1.72E-08	1.89E-02	8.15E-01	0.00E+00	0.00E+00	2.33E+00	2.92E-03	4.00E+00	0.00E+00	3.20E-08	1.63E-08	1.19E-03	1.12E-07	4.13E-01	0.00E+00	4.00E+00	3.62E-07	4.00E+00	4.40E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
MV332	4.82E-03	5.87E-01	1.82E-02	5.66E-01	2.87E-12	0.00E+00	3.20E+00	5.69E-06	2.81E-03	5.22E-03	0.00E+00	-2.47E-04	6.14E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.12E-03	4.37E+00	0.00E+00	3.60E-08	1.96E-08	1.48E-03	1.40E-07	4.84E-01	0.00E+00	4.37E+00	6.78E-07	4.37E+00	4.85E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	9.97E+01
MV340	4.81E-03	5.87E-01	1.91E-02	5.65E-01	2.87E-12	0.00E+00	3.21E+00	5.68E-06	2.82E-03	5.20E-03	0.00E+00	-3.72E-04	6.13E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	5.01E-03	4.35E+00	0.00E+00	3.58E-08	1.99E-08	1.48E-03	1.70E-07	4.82E-01	0.00E+00	4.35E+00	6.71E-07	4.35E+00	4.84E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MV406	3.08E-03	6.08E-01	1.78E-02	5.93E-01	2.87E-12	0.00E+00	3.42E+00	6.36E-06	1.07E-03	5.38E-03	0.00E+00	-2.95E-04	6.15E-10	1.44E-08	2.23E-02	9.19E-01	0.00E+00	0.00E+00	2.61E+00	3.96E-03	4.74E+00	0.00E+00	3.80E-08	1.80E-08	1.39E-03	1.51E-07	4.62E-01	0.00E+00	4.74E+00	9.13E-07	4.74E+00	5.20E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	9.24E+01
MV410	3.29E-03	6.09E-01	1.79E-02	5.94E-01	2.87E-12	0.00E+00	3.48E+00	6.57E-06	1.40E-03	5.39E-03	0.00E+00	-2.95E-04	6.37E-10	1.72E-08	2.27E-02	9.39E-01	0.00E+00	0.00E+00	2.69E+00	4.00E-03	4.77E+00	0.00E+00	3.83E-08	1.81E-08	1.39E-03	1.53E-07	4.71E-01	0.00E+00	4.77E+00	9.39E-07	4.77E+00	5.23E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.61E+01
MV416	4.06E-03	5.67E-01	3.69E-02	5.55E-01	2.87E-12	0.00E+00	3.47E+00	6.27E-06	2.29E-03	5.04E-03	0.00E+00	-2.42E-04	5.68E-10	2.58E-08	2.14E-02	1.06E+00	1.83E-06	8.31E-06	2.83E+00	3.49E-03	4.42E+00	0.00E+00	3.64E-08	2.03E-08	1.45E-03	2.38E-07	5.02E-01	0.00E+00	4.42E+00	7.76E-07	4.42E+00	4.87E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MV420	3.65E-03	6.28E-01	1.85E-02	6.10E-01	2.87E-12	0.00E+00	3.78E+00	7.09E-06	1.77E-03	5.50E-03	0.00E+00	-2.98E-04	6.68E-10	2.08E-08	2.40E-02	1.01E+00	0.00E+00	0.00E+00	2.81E+00	4.01E-03	5.12E+00	0.00E+00	4.08E-08	1.98E-08	1.49E-03	1.56E-07	4.96E-01	0.00E+00	5.12E+00	9.69E-07	5.12E+00	5.62E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MV425	4.25E-03	6.45E-01	3.03E-02	6.24E-01	2.87E-12	0.00E+00	3.98E+00	7.41E-06	2.28E-03	5.79E-03	0.00E+00	-2.99E-04	7.30E-10	2.63E-08	2.51E-02	1.18E+00	0.00E+00	0.00E+00	3.16E+00	3.98E-03	5.40E+00	0.00E+00	4.32E-08	2.17E-08	1.55E-03	1.61E-07	5.59E-01	0.00E+00	5.40E+00	3.89E-07	5.40E+00	5.97E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MV432	6.27E-03	7.83E-01	2.54E-02	7.58E-01	2.87E-12	0.00E+00	4.31E+00	7.87E-06	3.66E-03	6.98E-03	0.00E+00	-3.20E-04	8.18E-10	4.03E-08	2.73E-02	1.43E+00	0.00E+00	0.00E+00	3.66E+00	4.21E-03	6.03E+00	0.00E+00	4.90E-08	2.64E-08	1.97E-03	1.84E-07	6.51E-01	0.00E+00	6.03E+00	9.69E-07	6.03E+00	6.67E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MV440	6.37E-03	7.83E-01	2.56E-02	7.58E-01	2.87E-12	0.00E+00	4.31E+00	7.89E-06	3.74E-03	6.97E-03	0.00E+00	-4.49E-04	8.39E-10	4.11E-08	2.73E-02	1.44E+00	0.00E+00	0.00E+00	3.67E+00	6.03E-03	6.03E+00	0.00E+00	4.90E-08	2.64E-08	1.97E-03	2.05E-07	6.51E-01	0.00E+00	6.03E+00	9.65E-07	6.03E+00	6.66E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MW106	6.46E-04	1.07E-01	3.87E-03	1.03E-01	0.00E+00	0.00E+00	8.54E-01	1.90E-06	2.35E-04	1.04E-03	0.00E+00	-3.89E-05	1.56E-10	3.29E-09	5.81E-03	2.25E-01	0.00E+00	0.00E+00	7.01E-01	5.29E-04	1.40E+00	0.00E+00	1.08E-08	5.20E-09	3.03E-04	2.39E-08	1.22E-01	0.00E+00	1.40E+00	4.44E-07	1.40E+00	1.52E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MW110	6.68E-04	1.07E-01	3.92E-03	1.03E-01	0.00E+00	0.00E+00	8.63E-01	1.91E-06	2.52E-04	1.04E-03	0.00E+00	-3.89E-05	1.56E-10	3.47E-09	5.84E-03	2.29E-01	0.00E+00	0.00E+00	7.07E-01	5.29E-04	1.41E+00	0.00E+00	1.08E-08	5.23E-09	3.05E-04	2.39E-08	1.23E-01	0.00E+00	1.41E+00	4.41E-07	1.41E+00	1.53E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MW116	6.66E-04	1.06E-01	3.90E-03	1.02E-01	0.00E+00	0.00E+00	8.58E-01	1.90E-06	2.52E-04	1.04E-03	0.00E+00	-3.89E-05	1.54E-10	3.46E-09	5.81E-03	2.28E-01	0.00E+00	0.00E+00	7.01E-01	5.29E-04	1.40E+00	0.00E+00	1.08E-08	5.20E-09	3.04E-04	2.39E-08	1.22E-01	0.00E+00	1.40E+00	4.38E-07	1.40E+00	1.52E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MW120	7.02E-04	1.07E-01	3.99E-03	1.03E-01	0.00E+00	0.00E+00	8.73E-01	1.93E-06	2.77E-04	1.05E-03	0.00E+00	-3.89E-05	1.58E-10	3.73E-09	5.88E-03	2.34E-01	0.00E+00	0.00E+00	7.17E-01	5.29E-04	1.42E+00	0.00E+00	1.09E-08	5.29E-09	3.09E-04	2.40E-08	1.24E-01	0.00E+00	1.42E+00	4.40E-07	1.42E+00	1.54E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MW125	9.81E-04	1.70E-01	5.05E-03	1.65E-01	0.00E+00	0.00E+00	1.02E+00	1.91E-06	4.94E-04	1.49E-03	0.00E+00	-7.38E-05	1.84E-10	5.87E-09	6.25E-03	2.73E-01	0.00E+00	0.00E+00	7.90E-01	9.93E-04	1.34E+00	0.00E+00	1.08E-08	5.41E-09	3.99E-04	3.72E-08	1.39E-01	0.00E+00	1.34E+00	2.47E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MW132	1.62E-03	2.01E-01	6.11E-03	1.95E-01	0.00E+00	0.00E+00	1.10E+00	1.97E-06	9.56E-04	1.78E-03	0.00E+00	-7.62E-05	2.07E-10	1.05E-08	6.71E-03	3.58E-01	0.00E+00	0.00E+00	9.21E-01	1.03E-03	1.49E+00	0.00E+00	1.22E-08	6.59E-09	4.99E-04	3.93E-08	1.63E-01	0.00E+00	1.49E+00	2.24E-07	1.49E+00	1.66E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MW140	1.62E-03	2.02E-01	6.11E-03	1.96E-01	0.00E+00	0.00E+00	1.09E+00	1.97E-06	9.57E-04	1.78E-03	0.00E+00	-7.62E-05	2.07E-10	1.05E-08	6.70E-03	3.57E-01	0.00E+00	0.00E+00	9.20E-01	1.03E-03	1.49E+00	0.00E+00	1.22E-08	6.58E-09	4.99E-04	3.93E-08	1.63E-01	0.00E+00	1.49E+00	2.21E-07	1.49E+00	1.65E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MW206	1.38E-03	3.25E-01	9.09E-03	3.13E-01	2.87E-12	0.00E+00	1.77E+00	3.52E-06	5.50E-04	2.84E-03	0.00E+00	-1.54E-04	3.30E-10	7.37E-09	1.17E-02	5.04E-01	0.00E+00	0.00E+00	1.36E+00	2.16E-03	2.57E+00	0.00E+00	2.05E-08	9.62E-09	7.43E-04	7.06E-08	2.38E-01	0.00E+00	2.57E+00	6.29E-07	2.57E+00	2.81E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.79E+01
MW210	1.41E-03	3.23E-01	8.79E-03	3.12E-01	2.87E-12	0.00E+00	1.80E+00	3.54E-06	6.41E-04	2.81E-03	0.00E+00	-1.50E-04	3.32E-10	7.72E-09	1.17E-02	5.00E-01	0.00E+00	0.00E+00	1.39E+00	2.15E-03	2.58E+00	0.00E+00	2.05E-08	9.89E-09	7.39E-04	6.93E-08	2.42E-01	0.00E+00	2.58E+00	6.37E-07	2.58E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MW216	1.42E-03	2.70E-01	7.67E-03	2.55E-01	2.87E-12	0.00E+00	1.58E+00	3.35E-06	6.54E-04	2.39E-03	0.00E+00	-8.65E-05	2.87E-10	7.63E-09	1.02E-02	4.41E-01	1.83E-06	8.31E-06	1.19E+00	1.18E-03	2.45E+00	0.00E+00	1.91E-08	8.80E-09	6.40E-04	1.52E-07	2.15E-01	0.00E+00	2.45E+00	7.95E-07	2.45E+00	2.66E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.23E+01
MW220	1.45E-03	2.53E-01	7.83E-03	2.40E-01	2.87E-12	0.00E+00	1.68E+00	3.58E-06	7.11E-04	2.32E-03	0.00E+00	-8.63E-05	3.03E-10	7.80E-09	1.16E-02	4.53E-01	1.83E-06	8.31E-06	1.35E+00	1.17E-03	2.61E+00	0.00E+00	2.06E-08	9.90E-09	6.35E-04	1.52E-07	2.35E-01	0.00E+00	2.61E+00	7.98E-07	2.61E+00	2.87E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
MW225	1.94E-03	3.31E-01	9.29E-03	3.22E-01	2.87E-12	0.00E+00	1.94E+00	3.66E-06	9.95E-04	2.90E-03	0.00E+00	-1.46E-04	3.33E-10	1.16E-08	1.23E-02	5.36E-01	0.00E+00	0.00E+00	1.54E+00	2.06E-03	2.62E+00	0.00E+00	2.10E-08	1.06E-08	7.85E-04	7.99E-08	2.72E-01	0.00E+00	2.62E+00	4.57E-07	2.62E+00	2.90E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	5.53E+01
MW232	3.01E-03	3.86E-01	1.20E-02	3.68E-01	2.87E-12	0.00E+00	2.33E+00	4.26E-06	1.63E-03	3.57E-03	0.00E+00	-2.45E-04	3.56E-10	1.90E-08	1.42E-02	7.54E-01	0.00E+00	0.00E+00	1.87E+00	3.08E-03	3.25E+00	0.00E+00	2.64E-08	1.39E-08	1.02E-03	1.10E-07	3.40E-01	0.00E+00	3.25E+00	5.63E-07	3.25E+00	3.57E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MW240	3.53E-03	3.83E-01	1.29E-02	3.67E-01	2.87E-12	0.00E+00	2.31E+00	4.23E-06	2.03E-03	3.49E-03	0.00E+00	-2.80E-04	3.57E-10	2.44E-08	1.41E-02	7.74E-01	0.00E+00	0.00E+00	1.90E+00	3.59E-03	3.21E+00	0.00E+00	2.60E-08	1.45E-08	1.02E-03	1.30E-07	3.44E-01	0.00E+00	3.21E+00	5.60E-07	3.21E+00	3.53E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
MW306	2.22E-03	4.74E-01	1.37E-02	4.60E-01	2.87E-12	0.00E+00	2.65E+00	4.95E-06	8.73E-04	4.24E-03	0.00E+00	-2.43E-04	4.66E-10	1.12E-08	1.74E-02	6.68E-01	0.00E+00	0.00E+00	1.96E+00	3.20E-03	3.62E+00	0.00E+00	2.91E-08	1.40E-08	1.09E-03	1.08E-07	3.51E-01	0.00E+00	3.62E+00	7.16E-07	3.62E+00	3.98E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
MW310	2.29E-03	4.79E-01	1.36E-02	4.65E-01	2.87E-12	0.00E+00	2.71E+00	5.09E-06	1.03E-03	4.27E-03	0.00E+00	-2.21E-04	4.78E-10	1.22E-08	1.78E-02	6.68E-01	0.00E+00	0.00E+00	2.00E+00	2.94E-03	3.73E+00	0.00E+00	2.99E-08	1.44E-08	1.09E-03	1.04E-07	3.62E-01	0.00E+00	3.73E+00	7.25E-07	3.73E+00	4.09E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
MW316	1.81E-03	4.14E-01	1.03E-02	4.04E-01	0.00E+00	0.00E+00	2.17E+00	4.04E-06	7.81E-04	3.60E-03	0.00E+00	-1.26E-04	3.53E-10	9.47E-09	1.42E-02	5.66E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.06E+00	0.00E+00	2.49E-08	1.20E-08	9.30E-04	7.28E-08	2.89E-01	0.00E+00	3.06E+00	6.06E-07	3.06E+00	3.35E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	5.64E+01
MW320	2.51E-03	4.95E-01	1.40E-02	4.81E-01	0.00E+00	0.00E+00	2.81E+00	5.25E-06	1.18E-03	4.31E-03	0.00E+00	-2.22E-04	5.10E-10	1.42E-08	1.81E-02	7.49E-01	0.00E+00	0.00E+00	2.16E+00	2.98E-03	3.79E+00	0.00E+00	3.04E-08	1.51E-08	1.13E-03	1.10E-07	3.81E-01	0.00E+00	3.79E+00	7.14E-07	3.79E+00	4.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
MW325	2.93E-03	5.05E-01	1.49E-02	4.90E-01	0.00E+00	0.00E+00	2.97E+00	5.54E-06	1.48E-03	4.43E-03	0.00E+00	-2.22E-04	5.43E-10	1.74E-08	1.88E-02	8.18E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.97E+00	0.00E+00	3.18E-08	1.60E-08	1.19E-03	1.11E-07	4.08E-01	0.00E+00	3.97E+00	7.29E-07	3.97E+00	4.38E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.34E+01
MW332	4.83E-03	5.92E-01	1.80E-02	5.74E-01	0.00E+00	0.00E+00	3.20E+00	5.74E-06	2.86E-03	5.24E-03	0.00E+00	-2.29E-04	6.14E-10	3.13E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.71E+00	3.08E-03	4.41E+00	0.00E+00	3.61E-08	1.95E-08	1.47E-03	1.17E-07	4.81E-01	0.00E+00	4.41E+00	6.57E-07	4.41E+00	4.89E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.88E+01
MW340	4.82E-03	5.92E-01	1.91E-02	5.73E-01	0.00E+00	0.00E+00	3.20E+00	5.73E-06	2.86E-03	5.23E-03	0.00E+00	-3.59E-04	6.14E-10	3.13E-08	2.01E-02	1.06E+00	0.00E+00	0.00E+00	2.70E+00	4.79E-03	4.38E+00	0.00E+00	3.59E-08	1.94E-08	1.47E-03	1.58E-07	4.80E-01	0.00E+00	4.38E+00	6.32E-07	4.38E+00	4.86E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.87E+01
MW350	5.69E-03	6.10E-01	2.18E-02	5.91E-01	2.87E-12	0.00E+00	3.56E+00	6.58E-06	3.46E-03	5.49E-03	0.00E+00	-3.87E-04	6.79E-10	3.80E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	5.47E-03	4.87E+00	0.00E+00	3.92E-08	2.19E-08	1.59E-03	1.86E-07	5.52E-01	0.00E+00	4.87E+00	7.24E-07	4.87E+00	5.42E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MW363	5.75E-03	6.12E-01	2.19E-02	5.95E-01	2.87E-12	0.00E+00	3.67E+00	6.71E-06	3.50E-03	5.53E-03	0.00E+00	-3.87E-04	6.99E-10	3.83E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	5.46E-03	4.96E+00	0.00E+00	3.99E-08	2.22E-08	1.60E-03	1.88E-07	5.63E-01	0.00E+00	4.96E+00	7.39E-07	4.96E+00	5.52E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MW406	3.08E-03	6.08E-01	1.78E-02	5.93E-01	2.87E-12	0.00E+00	3.43E+00	6.36E-06	1.06E-03	5.38E-03	0.00E+00	-2.95E-04	6.14E-10	1.44E-08	2.24E-02	9.19E-01	0.00E+00	0.00E+00	2.61E+00	3.96E-03	4.74E+00	0.00E+00	3.80E-08	1.80E-08	1.39E-03	1.52E-07	4.62E-01	0.00E+00	4.74E+00	9.13E-07	4.74E+00	5.20E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MW410	3.30E-03	6.08E-01	1.79E-02	5.94E-01	2.87E-12	0.00E+00	3.46E+00	6.56E-06	1.40E-03	5.39E-03	0.00E+00	-2.95E-04	6.38E-10	1.73E-08	2.27E-02	9.39E-01	0.00E+00	0.00E+00	2.68E+00	4.00E-03	4.77E+00	0.00E+00	3.83E-08	1.81E-08	1.39E-03	1.53E-07	4.70E-01	0.00E+00	4.77E+00	9.39E-07	4.77E+00	5.24E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
MW416	5.11E-03	6.21E-01	2.11E-02	6.04E-01	2.87E-12	0.00E+00	3.62E+00	6.77E-06	2.81E-03	5.67E-03	0.00E+00	-2.99E-04	6.71E-10	3.16E-08	2.33E-02	1.04E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-03	4.98E+00	0.00E+00	3.97E-08	1.99E-08	1.49E-03	1.67E-07	5.10E-01	0.00E+00	4.98E+00	9.61E-07	4.98E+00	5.51E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MW420	3.81E-03	6.25E-01	1.94E-02	6.09E-01	2.87E-12	0.00E+00	3.77E+00	7.05E-06	1.95E-03	5.50E-03	0.00E+00	-2.98E-04	6.64E-10	2.24E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.79E+00	4.01E-03	5.11E+00	0.00E+00	4.08E-08	1.97E-08	1.49E-03	1.59E-07	4.95E-01	0.00E+00	5.11E+00	9.69E-07	5.11E+00	5.61E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MW425	4.24E-03	6.38E-01	3.01E-02	6.19E-01	2.87E-12	0.00E+00	3.87E+00	7.24E-06	2.28E-03	5.73E-03	0.00E+00	-2.99E-04	7.05E-10	2.63E-08	2.44E-02	1.11E+00	0.00E+00	0.00E+00	3.00E+00	3.98E-03	5.23E+00	0.00E+00	4.17E-08	2.07E-08	1.53E-03	1.61E-07	5.31E-01	0.00E+00	5.23E+00	3.79E-07	5.23E+00	5.76E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
MW432	6.83E-03	9.35E-01	2.53E-02	9.16E-01	2.87E-12	0.00E+00	5.03E+00	9.33E-06	3.92E-03	8.71E-03	0.00E+00	-5.77E-04	8.57E-10	4.15E-08	2.87E-02	1.53E+00	0.00E+00	0.00E+00	4.09E+00	5.26E-03	6.58E+00	0.00E+00	5.36E-08	2.77E-08	2.37E-03	2.26E-07	7.21E-01	0.00E+00	6.58E+00	1.03E-06	6.58E+00	7.22E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MW440	6.85E-03	9.24E-01	2.54E-02	8.95E-01	2.87E-12	0.00E+00	5.04E+00	9.34E-06	4.06E-03	8.66E-03	0.00E+00	-7.07E-04	8.73E-10	4.16E-08	2.86E-02	1.54E+00	0.00E+00	0.00E+00	4.10E+00	5.33E-03	6.58E+00	0.00E+00	5.35E-08	2.78E-08	2.34E-03	2.51E-07	7.22E-01	0.00E+00	6.58E+00	1.03E-06	6.58E+00	7.20E+00	7.22E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MWN102A	1.03E-03	1.96E-01	6.11E-03	1.91E-01	2.87E-12	0.00E+00	1.01E+00	1.87E-06	4.99E-04	1.71E-03	0.00E+00	-1.72E-04	1.98E-10	5.66E-09	6.55E-03	2.86E-01	0.00E+00	0.00E+00	8.17E-01	2.89E-03	1.44E+00	0.00E+00	1.17E-08	5.91E-09	4.47E-04	6.69E-08	1.44E-01	0.00E+00	1.44E+00	2.79E-07	1.44E+00	1.58E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MWN104A	9.67E-04	1.97E-01	6.95E-03	1.88E-01	2.87E-12	0.00E+00	9.94E-01	1.85E-06	4.56E-04	1.71E-03	0.00E+00	-2.53E-04	2.08E-10	5.29E-09	6.45E-03	2.75E-01	0.00E+00	0.00E+00	8.00E-01	2.77E-03	1.41E+00	0.00E+00	1.14E-08	5.77E-09	4.42E-04	9.07E-08	1.41E-01	0.00E+00	1.41E+00	2.71E-07	1.41E+00	1.56E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MWN106	6.02E-04	1.40E-01	3.64E-03	1.35E-01	2.87E-12	0.00E+00	7.69E-01	1.45E-06	2.40E-04	1.21E-03	0.00E+00	-6.24E-05	1.41E-10	3.06E-09	4.85E-03	1.94E-01	0.00E+00	0.00E+00	5.94E-01	8.01E-04	1.08E+00	0.00E+00	8.67E-09	4.22E-09	3.14E-04	3.37E-08	1.04E-01	0.00E+00	1.08E+00	2.16E-07	1.08E+00	1.18E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
MWN106A	6.66E-04	1.52E-01	5.33E-03	1.47E-01	2.87E-12	0.00E+00	8.29E-01	1.57E-06	2.81E-04	1.31E-03	0.00E+00	-1.08E-04	1.69E-10	3.51E-09	5.39E-03	2.15E-01	0.00E+00	0.00E+00	6.35E-01	1.54E-03	1.16E+00	0.00E+00	9.30E-09	4.54E-09	3.42E-04	4.65E-08	1.12E-01	0.00E+00	1.16E+00	2.31E-07	1.16E+00	1.27E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
MWN110	6.86E-04	1.53E-01	4.28E-03	1.48E-01	0.00E+00	0.00E+00	8.83E-01	1.70E-06	2.85E-04	1.34E-03	0.00E+00	-7.26E-05	1.58E-10	3.64E-09	5.66E-03	2.23E-01	0.00E+00	0.00E+00	6.77E-01	9.75E-04	1.22E+00	0.00E+00	9.74E-09	4.74E-09	3.49E-04	3.56E-08	1.19E-01	0.00E+00	1.22E+00	2.59E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
MWN110A	6.98E-04	1.53E-01	5.26E-03	1.49E-01	2.87E-12	0.00E+00	8.70E-01	1.67E-06	2.91E-04	1.35E-03	0.00E+00	-7.64E-05	1.78E-10	3.66E-09	5.63E-03	2.21E-01	0.00E+00	0.00E+00	6.74E-01	1.02E-03	1.22E+00	0.00E+00	9.72E-09	4.69E-09	3.48E-04	4.00E-08	1.17E-01	0.00E+00	1.22E+00	2.63E-07	1.22E+00	1.34E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MWN116	6.18E-04	1.40E-01	3.56E-03	1.37E-01	0.00E+00	0.00E+00	7.58E-01	1.44E-06	2.62E-04	1.22E-03	0.00E+00	-4.21E-05	1.32E-10	3.24E-09	4.75E-03	1.92E-01	0.00E+00	0.00E+00	5.77E-01	5.71E-04	1.06E+00	0.00E+00	8.55E-09	4.17E-09	3.16E-04	2.45E-08	1.02E-01	0.00E+00	1.06E+00	2.21E-07	1.06E+00	1.16E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MWN116A	7.08E-04	1.52E-01	4.38E-03	1.47E-01	2.87E-12	0.00E+00	8.60E-01	1.66E-06	3.11E-04	1.33E-03	0.00E+00	-7.71E-05	1.53E-10	3.75E-09	5.59E-03	2.26E-01	0.00E+00	0.00E+00	6.52E-01	1.03E-03	1.20E+00	0.00E+00	9.54E-09	4.65E-09	3.47E-04	4.03E-08	1.15E-01	0.00E+00	1.20E+00	2.59E-07	1.20E+00	1.32E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MWN120	7.73E-04	1.44E-01	3.88E-03	1.40E-01	0.00E+00	0.00E+00	8.13E-01	1.52E-06	3.76E-04	1.26E-03	0.00E+00	-4.21E-05	1.32E-10	4.44E-09	5.00E-03	2.16E-01	0.00E+00	0.00E+00	6.10E-01	5.71E-04	1.11E+00	0.00E+00	9.01E-09	4.45E-09	3.35E-04	2.49E-08	1.10E-01	0.00E+00	1.11E+00	2.13E-07	1.11E+00	1.22E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MWN120A	7.73E-04	1.53E-01	4.70E-03	1.48E-01	2.87E-12	0.00E+00	8.86E-01	1.71E-06	3.61E-04	1.35E-03	0.00E+00	-1.04E-04	1.65E-10	4.40E-09	5.66E-03	2.36E-01	0.00E+00	0.00E+00	6.99E-01	1.36E-03	1.24E+00	0.00E+00	9.88E-09	4.90E-09	3.58E-04	4.18E-08	1.22E-01	0.00E+00	1.24E+00	2.60E-07	1.24E+00	1.36E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MWN125	9.73E-04	1.61E-01	4.95E-03	1.56E-01	0.00E+00	0.00E+00	9.95E-01	1.90E-06	4.89E-04	1.43E-03	0.00E+00	-7.26E-05	1.83E-10	5.81E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	7.89E-01	9.76E-04	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.87E-04	3.64E-08	1.38E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MWN125A	9.40E-04	1.57E-01	4.83E-03	1.52E-01	2.87E-12	0.00E+00	9.51E-01	1.82E-06	4.62E-04	1.39E-03	0.00E+00	-7.29E-05	1.78E-10	5.58E-09	5.95E-03	2.62E-01	0.00E+00	0.00E+00	7.61E-01	9.76E-04	1.30E+00	0.00E+00	1.04E-08	5.26E-09	3.78E-04	3.89E-08	1.32E-01	0.00E+00	1.30E+00	2.66E-07	1.30E+00	1.44E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MWN132	1.63E-03	1.99E-01	6.15E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.03E-06	9.56E-04	1.78E-03	0.00E+00	-7.62E-05	2.12E-10	1.05E-08	6.83E-03	3.62E-01	0.00E+00	0.00E+00	9.43E-01	1.03E-03	1.54E+00	0.00E+00	1.25E-08	6.75E-09	5.01E-04	3.93E-08	1.66E-01	0.00E+00	1.54E+00	2.53E-07	1.54E+00	1.70E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MWN132A	1.54E-03	1.99E-01	6.79E-03	1.90E-01	2.87E-12	0.00E+00	1.08E+00	1.92E-06	9.25E-04	1.78E-03	0.00E+00	-7.61E-05	2.24E-10	9.79E-09	6.80E-03	3.46E-01	0.00E+00	0.00E+00	8.87E-01	1.08E-03	1.51E+00	0.00E+00	1.24E-08	6.62E-09	4.98E-04	4.17E-08	1.58E-01	0.00E+00	1.51E+00	2.95E-07	1.51E+00	1.68E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MWN140	1.55E-03	2.07E-01	6.78E-03	2.00E-01	2.87E-12	0.00E+00	1.15E+00	1.93E-06	9.12E-04	1.66E-03	0.00E+00	-2.25E-04	2.11E-10	1.00E-08	6.78E-03	3.70E-01	0.00E+00	0.00E+00	9.30E-01	3.34E-03	1.50E+00	0.00E+00	1.22E-08	6.68E-09	4.78E-04	7.16E-08	1.67E-01	0.00E+00	1.50E+00	2.44E-07	1.50E+00	1.67E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
MWN140A	2.34E-03	3.98E-01	1.63E-02	3.88E-01	2.87E-12	0.00E+00	2.08E+00	3.78E-06	9.86E-04	3.53E-03	0.00E+00	-1.33E-04	4.42E-10	1.19E-08	1.32E-02	5.68E-01	1.83E-06	8.31E-06	1.70E+00	2.27E-03	2.94E+00	0.00E+00	2.42E-08	1.24E-08	9.79E-04	2.02E-07	3.06E-01	0.00E+00	2.94E+00	6.25E-07	2.94E+00	3.22E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01

MWN150	1.79E-03	2.06E-01	6.87E-03	1.99E-01	2.87E-12	0.00E+00	1.18E+00	2.19E-06	1.06E-03	1.85E-03	0.00E+00	-1.04E-04	2.32E-10	1.17E-08	7.33E-03	3.99E-01	0.00E+00	0.00E+00	1.03E+00	1.47E-03	1.65E+00	0.00E+00	1.34E-08	7.27E-09	5.34E-04	4.79E-08	1.83E-01	0.00E+00	1.65E+00	2.46E-07	1.65E+00	1.83E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
MWN202A	2.65E-03	3.98E-01	1.22E-02	3.79E-01	2.87E-12	0.00E+00	2.08E+00	3.89E-06	6.22E-04	3.33E-03	0.00E+00	-3.43E-04	4.00E-10	1.15E-08	1.36E-02	5.78E-01	0.00E+00	0.00E+00	1.75E+00	3.07E-03	2.99E+00	0.00E+00	2.45E-08	1.33E-08	9.80E-04	1.13E-07	3.24E-01	0.00E+00	2.99E+00	5.80E-07	2.99E+00	3.37E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MWN204A	2.65E-03	3.96E-01	1.21E-02	3.74E-01	2.87E-12	0.00E+00	2.07E+00	3.86E-06	9.77E-04	3.29E-03	0.00E+00	-3.50E-04	3.98E-10	1.26E-08	1.35E-02	5.75E-01	0.00E+00	0.00E+00	1.75E+00	3.04E-03	2.95E+00	0.00E+00	2.38E-08	1.32E-08	9.71E-04	1.13E-07	3.24E-01	0.00E+00	2.95E+00	5.79E-07	2.95E+00	3.29E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
MWN206	1.39E-03	3.02E-01	8.60E-03	2.92E-01	2.87E-12	0.00E+00	1.71E+00	3.42E-06	5.60E-04	2.63E-03	0.00E+00	-1.54E-04	3.05E-10	7.49E-09	1.13E-02	4.73E-01	0.00E+00	0.00E+00	1.33E+00	2.19E-03	2.49E+00	0.00E+00	1.96E-08	9.41E-09	6.94E-04	6.89E-08	2.32E-01	0.00E+00	2.49E+00	7.44E-07	2.49E+00	2.71E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MWN206A	1.33E-03	2.68E-01	7.27E-03	2.64E-01	2.87E-12	0.00E+00	1.57E+00	2.96E-06	5.15E-04	2.42E-03	0.00E+00	-1.01E-04	2.44E-10	6.16E-09	9.96E-03	3.89E-01	0.00E+00	0.00E+00	1.05E+00	1.38E-03	2.18E+00	0.00E+00	1.76E-08	8.62E-09	6.28E-04	6.48E-08	1.91E-01	0.00E+00	2.18E+00	4.01E-07	2.18E+00	2.38E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MWN210	1.35E-03	3.01E-01	8.43E-03	2.93E-01	0.00E+00	0.00E+00	1.72E+00	3.29E-06	5.66E-04	2.63E-03	0.00E+00	-1.45E-04	3.11E-10	7.17E-09	1.14E-02	4.44E-01	0.00E+00	0.00E+00	1.32E+00	1.95E-03	2.39E+00	0.00E+00	1.90E-08	9.29E-09	6.86E-04	7.08E-08	2.32E-01	0.00E+00	2.39E+00	4.99E-07	2.39E+00	2.62E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MWN210A	1.57E-03	2.80E-01	7.33E-03	2.73E-01	2.87E-12	0.00E+00	1.57E+00	2.96E-06	5.37E-04	2.44E-03	0.00E+00	-9.95E-05	2.49E-10	6.52E-09	9.96E-03	4.13E-01	0.00E+00	0.00E+00	1.17E+00	1.31E-03	2.17E+00	0.00E+00	1.76E-08	8.68E-09	6.28E-04	6.42E-08	2.09E-01	0.00E+00	2.17E+00	4.00E-07	2.17E+00	2.38E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.14E+01
MWN216	1.47E-03	3.09E-01	8.67E-03	3.00E-01	0.00E+00	0.00E+00	1.76E+00	3.30E-06	6.63E-04	2.69E-03	0.00E+00	-1.45E-04	3.11E-10	8.16E-09	1.14E-02	4.60E-01	0.00E+00	0.00E+00	1.33E+00	1.95E-03	2.39E+00	0.00E+00	1.91E-08	9.38E-09	7.03E-04	7.11E-08	2.36E-01	0.00E+00	2.39E+00	4.61E-07	2.39E+00	2.62E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.76E+01
MWN216A	1.60E-03	2.81E-01	7.39E-03	2.73E-01	2.87E-12	0.00E+00	1.57E+00	2.97E-06	6.79E-04	2.44E-03	0.00E+00	-1.00E-04	2.51E-10	9.33E-09	9.98E-03	4.19E-01	0.00E+00	0.00E+00	1.18E+00	1.32E-03	2.18E+00	0.00E+00	1.76E-08	8.71E-09	6.30E-04	6.43E-08	2.11E-01	0.00E+00	2.18E+00	4.00E-07	2.18E+00	2.39E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.19E+01
MWN220	1.65E-03	3.10E-01	9.13E-03	3.01E-01	0.00E+00	0.00E+00	1.84E+00	3.51E-06	7.75E-04	2.73E-03	0.00E+00	-1.45E-04	3.40E-10	9.41E-09	1.19E-02	4.93E-01	0.00E+00	0.00E+00	1.44E+00	1.95E-03	2.52E+00	0.00E+00	2.00E-08	9.98E-09	7.27E-04	7.16E-08	2.52E-01	0.00E+00	2.52E+00	5.10E-07	2.52E+00	2.77E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
MWN220A	1.50E-03	2.64E-01	7.49E-03	2.57E-01	2.87E-12	0.00E+00	1.65E+00	3.12E-06	7.01E-04	2.38E-03	0.00E+00	-1.03E-04	2.82E-10	8.41E-09	1.08E-02	4.37E-01	0.00E+00	0.00E+00	1.30E+00	1.28E-03	2.32E+00	0.00E+00	1.85E-08	9.31E-09	6.25E-04	6.37E-08	2.28E-01	0.00E+00	2.32E+00	4.02E-07	2.32E+00	2.58E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.65E+01
MWN225	1.91E-03	3.20E-01	9.71E-03	3.11E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.74E-04	2.82E-03	0.00E+00	-1.45E-04	3.52E-10	1.15E-08	1.22E-02	5.33E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.58E+00	0.00E+00	2.06E-08	1.04E-08	7.61E-04	7.23E-08	2.66E-01	0.00E+00	2.58E+00	4.80E-07	2.58E+00	2.85E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MWN225A	1.89E-03	3.19E-01	8.73E-03	3.08E-01	2.87E-12	0.00E+00	1.87E+00	3.53E-06	9.94E-04	2.82E-03	0.00E+00	-1.59E-04	3.22E-10	1.15E-08	1.16E-02	5.18E-01	0.00E+00	0.00E+00	1.47E+00	2.30E-03	2.54E+00	0.00E+00	2.02E-08	1.01E-08	7.60E-04	7.65E-08	2.61E-01	0.00E+00	2.54E+00	4.58E-07	2.54E+00	2.80E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
MWN232	3.25E-03	3.99E-01	1.22E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	4.21E-10	2.09E-08	1.37E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.98E-04	7.85E-08	3.28E-01	0.00E+00	3.03E+00	4.89E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MWN232A	3.16E-03	3.85E-01	1.24E-02	3.69E-01	2.87E-12	0.00E+00	2.37E+00	4.37E-06	1.84E-03	3.53E-03	0.00E+00	-2.33E-04	3.57E-10	2.10E-08	1.45E-02	7.66E-01	0.00E+00	0.00E+00	1.89E+00	3.77E-03	3.29E+00	0.00E+00	2.66E-08	1.44E-08	1.03E-03	1.23E-07	3.46E-01	0.00E+00	3.29E+00	5.68E-07	3.29E+00	3.61E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MWN240	3.24E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.94E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MWN240A	3.56E-03	3.82E-01	1.31E-02	3.67E-01	2.87E-12	0.00E+00	2.35E+00	4.35E-06	2.13E-03	3.44E-03	0.00E+00	-2.55E-04	3.57E-10	2.50E-08	1.44E-02	7.76E-01	0.00E+00	0.00E+00	1.90E+00	4.15E-03	3.24E+00	0.00E+00	2.63E-08	1.45E-08	1.02E-03	1.32E-07	3.45E-01	0.00E+00	3.24E+00	5.63E-07	3.24E+00	3.55E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MWN250	3.47E-03	3.93E-01	1.34E-02	3.74E-01	2.87E-12	0.00E+00	2.35E+00	4.34E-06	2.13E-03	3.47E-03	0.00E+00	-3.72E-04	3.53E-10	2.37E-08	1.41E-02	7.88E-01	0.00E+00	0.00E+00	1.97E+00	4.50E-03	3.23E+00	0.00E+00	2.59E-08	1.45E-08	1.02E-03	1.32E-07	3.52E-01	0.00E+00	3.23E+00	4.61E-07	3.23E+00	3.53E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.32E+01
MWN263	3.88E-03	4.17E-01	1.45E-02	4.02E-01	0.00E+00	0.00E+00	2.48E+00	4.57E-06	2.36E-03	3.74E-03	0.00E+00	-2.28E-04	4.81E-10	2.56E-08	1.51E-02	8.36E-01	0.00E+00	0.00E+00	2.15E+00	3.05E-03	3.35E+00	0.00E+00	2.69E-08	1.49E-08	1.08E-03	1.04E-07	3.77E-01	0.00E+00	3.35E+00	5.17E-07	3.35E+00	3.72E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
MWN302A	3.35E-03	5.88E-01	1.64E-02	5.68E-01	2.87E-12	0.00E+00	2.93E+00	5.69E-06	1.16E-03	5.13E-03	0.00E+00	-2.82E-04	5.81E-10	1.50E-08	1.98E-02	8.69E-01	0.00E+00	0.00E+00	2.43E+00	3.67E-03	4.27E+00	0.00E+00	3.47E-08	1.76E-08	1.34E-03	1.35E-07	4.27E-01	0.00E+00	4.27E+00	7.76E-07	4.27E+00	4.71E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
MWN304A	3.35E-03	5.79E-01	1.65E-02	5.59E-01	2.87E-12	0.00E+00	2.91E+00	5.58E-06	1.30E-03	5.10E-03	0.00E+00	-2.98E-04	5.79E-10	1.51E-08	1.97E-02	8.64E-01	0.00E+00	0.00E+00	2.37E+00	3.90E-03	4.21E+00	0.00E+00	3.45E-08	1.76E-08	1.34E-03	1.47E-07	4.22E-01	0.00E+00	4.21E+00	7.74E-07	4.21E+00	4.64E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.57E+01
MWN306	2.19E-03	4.56E-01	1.27E-02	4.40E-01	2.87E-12	0.00E+00	2.61E+00	4.84E-06	8.97E-04	4.07E-03	0.00E+00	-2.41E-04	4.64E-10	1.13E-08	1.70E-02	6.62E-01	0.00E+00	0.00E+00	1.95E+00	3.16E-03	3.57E+00	0.00E+00	2.88E-08	1.39E-08	1.05E-03	1.08E-07	3.48E-01	0.00E+00	3.57E+00	7.10E-07	3.57E+00	3.93E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
MWN306A	2.16E-03	4.52E-01	1.26E-02	4.38E-01	2.87E-12	0.00E+00	2.56E+00	4.81E-06	8.79E-04	4.01E-03	0.00E+00	-2.56E-04	4.46E-10	1.14E-08	1.68E-02	6.62E-01	0.00E+00	0.00E+00	1.91E+00	3.45E-03	3.54E+00	0.00E+00	2.83E-08	1.36E-08	1.03E-03	1.10E-07	3.39E-01	0.00E+00	3.54E+00	7.04E-07	3.54E+00	3.89E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
MWN310	2.02E-03	4.48E-01	1.26E-02	4.36E-01	0.00E+00	0.00E+00	2.56E+00	4.89E-06	8.47E-04	3.92E-03	0.00E+00	-2.18E-04	4.65E-10	1.07E-08	1.69E-02	6.62E-01	0.00E+00	0.00E+00	1.96E+00	2.92E-03	3.55E+00	0.00E+00	2.83E-08	1.38E-08	1.02E-03	1.06E-07	3.45E-01	0.00E+00	3.55E+00	7.44E-07	3.55E+00	3.90E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MWN310A	2.22E-03	4.53E-01	1.25E-02	4.39E-01	2.87E-12	0.00E+00	2.61E+00	4.96E-06	1.01E-03	4.03E-03	0.00E+00	-2.20E-04	4.70E-10	1.21E-08	1.71E-02	6.65E-01	0.00E+00	0.00E+00	1.97E+00	2.94E-03	3.62E+00	0.00E+00	2.88E-08	1.42E-08	1.04E-03	1.03E-07	3.52E-01	0.00E+00	3.62E+00	7.45E-07	3.62E+00	3.96E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MWN316	1.81E-03	4.11E-01	1.03E-02	4.01E-01	0.00E+00	0.00E+00	2.18E+00	4.06E-06	7.80E-04	3.58E-03	0.00E+00	-1.26E-04	3.53E-10	9.48E-09	1.42E-02	5.67E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.07E+00	0.00E+00	2.50E-08	1.21E-08	9.28E-04	7.27E-08	2.90E-01	0.00E+00	3.07E+00	6.17E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MWN316A	2.30E-03	4.53E-01	1.29E-02	4.39E-01	2.87E-12	0.00E+00	2.61E+00	4.99E-06	1.02E-03	3.97E-03	0.00E+00	-2.17E-04	4.74E-10	1.28E-08	1.72E-02	6.99E-01	0.00E+00	0.00E+00	2.03E+00	2.95E-03	3.62E+00	0.00E+00	2.89E-08	1.43E-08	1.05E-03	1.06E-07	3.56E-01	0.00E+00	3.62E+00	7.47E-07	3.62E+00	3.97E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MWN320	2.46E-03	4.62E-01	1.36E-02	4.48E-01	0.00E+00	0.00E+00	2.73E+00	5.21E-06	1.16E-03	4.07E-03	0.00E+00	-2.18E-04	5.07E-10	1.41E-08	1.77E-02	7.36E-01	0.00E+00	0.00E+00	2.14E+00	2.93E-03	3.75E+00	0.00E+00	2.98E-08	1.49E-08	1.08E-03	1.07E-07	3.75E-01	0.00E+00	3.75E+00	7.60E-07	3.75E+00	4.12E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.73E+01
MWN320A	2.49E-03	4.57E-01	2.50E-02	4.46E-01	2.87E-12	0.00E+00	2.70E+00	5.16E-06	1.25E-03	4.05E-03	0.00E+00	-2.20E-04	4.92E-10	1.44E-08	1.75E-02	7.34E-01	0.00E+00	0.00E+00	2.13E+00	2.97E-03	3.71E+00	0.00E+00	2.94E-08	1.47E-08	1.08E-03	1.04E-07	3.73E-01	0.00E+00	3.71E+00	3.48E-07	3.71E+00	4.07E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MWN325	2.86E-03	4.77E-01	1.45E-02	4.63E-01	0.00E+00	0.00E+00	2.87E+00	5.39E-06	1.46E-03	4.21E-03	0.00E+00	-2.18E-04	5.25E-10	1.72E-08	1.82E-02	7.95E-01	0.00E+00	0.00E+00	2.25E+00	2.93E-03	3.84E+00	0.00E+00	3.07E-08	1.55E-08	1.13E-03	1.08E-07	3.96E-01	0.00E+00	3.84E+00	7.13E-07	3.84E+00	4.24E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MWN325A	2.83E-03	4.76E-01	1.47E-02	4.60E-01	2.87E-12	0.00E+00	2.79E+00	5.28E-06	1.45E-03	4.23E-03	0.00E+00	-2.48E-04	5.21E-10	1.70E-08	1.80E-02	7.87E-01	0.00E+00	0.00E+00	2.21E+00	3.33E-03	3.81E+00	0.00E+00	3.04E-08	1.53E-08	1.10E-03	1.14E-07	3.88E-01	0.00E+00	3.81E+00	7.17E-07	3.81E+00	4.19E+00	3.88E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
MWN332	4.87E-03	5.97E-01	1.82E-02	5.79E-01	0.00E+00	0.00E+00	3.23E+00	5.87E-06	2.87E-03	5.31E-03	0.00E+00	-2.29E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	3.08E-03	4.53E+00	0.00E+00	3.70E-08	2.00E-08	1.49E-03	1.17E-07	4.90E-01	0.00E+00	4.53E+00	7.29E-07	4.53E+00	5.02E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN332A	5.33E-03	5.70E-01	2.08E-02	5.57E-01	2.87E-12	0.00E+00	3.65E+00	6.19E-06	3.03E-03	5.10E-03	0.00E+00	-4.85E-04	6.10E-10	3.46E-08	2.05E-02	1.22E+00	0.00E+00	0.00E+00	3.24E+00	7.51E-03	4.54E+00	0.00E+00	3.77E-08	2.11E-08	1.50E-03	2.20E-07	5.75E-01	0.00E+00	4.54E+00	7.45E-07	4.54E+00	4.88E+00	5.75E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MWN340	4.86E-03	5.95E-01	1.92E-02	5.76E-01	0.00E+00	0.00E+00	3.23E+00	5.88E-06	2.86E-03	5.28E-03	0.00E+00	-3.59E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	4.79E-03	4.52E+00	0.00E+00	3.68E-08	1.99E-08	1.49E-03	1.59E-07	4.89E-01	0.00E+00	4.52E+00	7.12E-07	4.52E+00	5.01E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN340A	5.35E-03	5.70E-01	2.18E-02	5.57E-01	2.87E-12	0.00E+00	3.67E+00	6.21E-06	3.18E-03	5.12E-03	0.00E+00	-6.20E-04	6.19E-10	3.52E-08	2.05E-02	1.22E+00	0.00E+00	0.00E+00	3.26E+00	7.66E-03	4.54E+00	0.00E+00	3.79E-08	2.14E-08	1.55E-03	2.41E-07	5.80E-01	0.00E+00	4.54E+00	7.46E-07	4.54E+00	4.90E+00	5.80E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MWN350	5.75E-03	6.20E-01	2.14E-02	5.98E-01	0.00E+00	0.00E+00	3.66E+00	6.69E-06	3.49E-03	5.55E-03	0.00E+00	-3.42E-04	6.92E-10	3.80E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.14E+00	4.57E-03	4.94E+00	0.00E+00	3.98E-08	2.20E-08	1.61E-03	1.56E-07	5.54E-01	0.00E+00	4.94E+00	7.48E-07	4.94E+00	5.50E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MWN363	5.81E-03	6.24E-01	2.16E-02	6.02E-01	0.00E+00	0.00E+00	3.70E+00	6.80E-06	3.53E-03	5.59E-03	0.00E+00	-3.42E-04	7.20E-10	3.84E-08	2.25E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	4.57E-03	5.00E+00	0.00E+00	4.02E-08	2.22E-08	1.62E-03	1.56E-07	5.64E-01	0.00E+00	5.00E+00	7.71E-07	5.00E+00	5.56E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MWN406	2.77E-03	5.98E-01	1.71E-02	5.85E-01	2.87E-12	0.00E+00	3.43E+00	6.34E-06	1.09E-03	5.27E-03	0.00E+00	-2.93E-04	5.92E-10	1.39E-08	2.23E-02	8.60E-01	0.00E+00	0.00E+00	2.57E+00	3.92E-03	4.73E+00	0.00E+00	3.79E-08	1.81E-08	1.36E-03	1.47E-07	4.56E-01	0.00E+00	4.73E+00	9.32E-07	4.73E+00	5.19E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.10E+01
MWN410	2.70E-03	5.99E-01	1.68E-02	5.82E-01	0.00E+00	0.00E+00	3.44E+00	6.58E-06	1.13E-03	5.24E-03	0.00E+00	-2.91E-04	6.22E-10	1.43E-08	2.27E-02	8.87E-01	0.00E+00	0.00E+00	2.64E+00	3.90E-03	4.77E+00	0.00E+00	3.80E-08	1.86E-08	1.37E-03	1.41E-07	4.63E-01	0.00E+00	4.77E+00	1.00E-06	4.77E+00	5.23E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.44E+01
MWN416	2.43E-03	5.50E-01	1.38E-02	5.37E-01	0.00E+00	0.00E+00	2.93E+00	5.49E-06	1.04E-03	4.80E-03	0.00E+00	-1.68E-04	4.74E-10	1.27E-08	1.91E-02	7.61E-01	0.00E+00	0.00E+00	2.16E+00	2.28E-03	4.14E+00	0.00E+00	3.36E-08	1.62E-08	1.24E-03	9.73E-08	3.90E-01	0.00E+00	4.14E+00	8.33E-07	4.14E+00	4.53E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MWN420	3.29E-03	6.17E-01	1.82E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.44E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.86E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.03E+00	0.00E+00	4.00E-08	1.99E-08	1.45E-03	1.43E-07	5.04E-01	0.00E+00	5.03E+00	1.02E-06	5.03E+00	5.53E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MWN425	3.83E-03	6.38E-01	1.94E-02	6.18E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.95E-03	5.62E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.16E+00	0.00E+00	4.12E-08	2.08E-08	1.52E-03	1.44E-07	5.31E-01	0.00E+00	5.16E+00	9.61E-07	5.16E+00	5.69E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MWN432	6.50E-03	7.99E-01	2.44E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.10E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.82E-07	6.08E+00	6.73E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWN440	6.49E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWN450	7.68E-03	8.29E-01	2.86E-02	8.01E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.43E-03	0.00E+00	-4.56E-04	9.26E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.21E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.42E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MWN463	7.76E-03	8.35E-01	2.89E-02	8.06E-01	0.00E+00	0.00E+00	4.97E+00	9.14E-06	4.71E-03	7.49E-03	0.00E+00	-4.56E-04	9.63E-10	5.13E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	6.10E-03	6.70E+00	0.00E+00	5.39E-08	2.98E-08	2.17E-03	2.09E-07	7.55E-01	0.00E+00	6.70E+00	1.04E-06	6.70E+00	7.46E+00	7.55E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MWN510	1.37E-03	2.50E-01	8.24E-03	2.43E-01	2.87E-12	0.00E+00	1.68E+00	3.21E-06	5.92E-04	2.37E-03	0.00E+00	-1.46E-04	2.97E-10	7.39E-09	1.12E-02	4.41E-01	0.00E+00	0.00E+00	1.31E+00	1.82E-03	2.34E+00	0.00E+00	1.88E-08	9.56E-09	6.37E-04	5.64E-08	2.31E-01	0.00E+00	2.34E+00	4.46E-07	2.34E+00	2.58E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MWN516	1.61E-03	2.81E-01	7.38E-03	2.73E-01	2.87E-12	0.00E+00	1.57E+00	2.99E-06	7.00E-04	2.45E-03	0.00E+00	-7.99E-05	2.68E-10	9.40E-09	1.00E-02	4.32E-01	0.00E+00	0.00E+00	1.19E+00	1.14E-03	2.19E+00	0.00E+00	1.77E-08	8.78E-09	6.40E-04	4.95E-08	2.14E-01	0.00E+00	2.19E+00	4.04E-07	2.19E+00	2.41E+00	2.14E-01	0.00E+00	0.00E+00	0.00E+00	4.21E+01
MWN520	1.63E-03	2.65E-01	7.49E-03	2.57E-01	2.87E-12	0.00E+00	1.67E+00	3.17E-06	7.36E-04	2.38E-03	0.00E+00	-7.98E-05	2.81E-10	9.47E-09	1.13E-02	4.40E-01	0.00E+00	0.00E+00	1.32E+00	1.14E-03	2.32E+00	0.00E+00	1.87E-08	9.75E-09	6.34E-04	4.95E-08	2.32E-01	0.00E+00	2.32E+00	4.03E-07	2.32E+00	2.58E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MWN525	1.90E-03	3.05E-01	8.74E-03	2.96E-01	2.87E-12	0.00E+00	1.77E+00	3.45E-06	1.05E-03	2.67E-03	0.00E+00	-1.57E-04	3.06E-10	1.16E-08	1.14E-02	4.94E-01	1.83E-06	8.31E-06	1.42E+00	2.05E-03	2.52E+00	0.00E+00	1.98E-08	9.98E-09	7.15E-04	1.61E-07	2.50E-01	0.00E+00	2.52E+00	7.63E-07	2.52E+00	2.74E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+01
MWN532	3.23E-03	3.94E-01	1.21E-02	3.81E-01	2.87E-12	0.00E+00	2.16E+00	3.90E-06	1.82E-03	3.50E-03	0.00E+00	-1.61E-04	4.05E-10	2.08E-08	1.37E-02	7.22E-01	0.00E+00	0.00E+00	1.82E+00	2.24E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.85E-04	8.15E-08	3.23E-01	0.00E+00	3.03E+00	5.71E-07	3.03E+00	3.35E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
MWN540	3.25E-03	3.99E-01	1.34E-02	3.85E-01	2.87E-12	0.00E+00	2.17E+00	3.95E-06	1.85E-03	3.53E-03	0.00E+00	-2.40E-04	4.22E-10	2.10E-08	1.37E-02	7.40E-01	0.00E+00	0.00E+00	1.92E+00	3.11E-03	3.04E+00	0.00E+00	2.49E-08	1.35E-08	9.92E-04	1.08E-07	3.31E-01	0.00E+00	3.04E+00	5.77E-07	3.04E+00	3.37E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MWN602A	4.97E-03	8.07E-01	2.41E-02	7.91E-01	2.87E-12	0.00E+00	4.36E+00	7.90E-06	1.32E-03	7.06E-03	0.00E+00	-3.07E-04	8.25E-10	2.20E-08	2.75E-02	1.40E+00	0.00E+00	0.00E+00	3.67E+00	4.20E-03	6.03E+00	0.00E+00	4.88E-08	2.65E-08	2.03E-03	1.65E-07	6.54E-01	0.00E+00	6.03E+00	9.27E-07	6.03E+00	6.69E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MWN604A	4.98E-03	8.07E-01	2.47E-02	7.91E-01	2.87E-12	0.00E+00	4.36E+00	7.91E-06	1.75E-03	7.07E-03	0.00E+00	-3.35E-04	8.29E-10	2.26E-08	2.75E-02	1.40E+00	0.00E+00	0.00E+00	3.69E+00	4.70E-03	6.03E+00	0.00E+00	4.87E-08	2.64E-08	2.04E-03	1.65E-07	6.55E-01	0.00E+00	6.03E+00	9.26E-07	6.03E+00	6.68E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MWN606A	2.78E-03	5.97E-01	1.69E-02	5.83E-01	2.87E-12	0.00E+00	3.40E+00	6.34E-06	1.09E-03	5.27E-03	0.00E+00	-3.00E-04	5.91E-10	1.44E-08	2.23E-02	8.70E-01	0.00E+00	0.00E+00	2.59E+00	4.05E-03	4.74E+00	0.00E+00	3.80E-08	1.81E-08	1.36E-03	1.56E-07	4.58E-01	0.00E+00	4.74E+00	9.38E-07	4.74E+00	5.22E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MWN610A	2.77E-03	5.96E-01	1.68E-02	5.82E-01	2.87E-12	0.00E+00	3.39E+00	6.39E-06	1.17E-03	5.23E-03	0.00E+00	-2.92E-04	6.00E-10	1.47E-08	2.23E-02	8.76E-01	0.00E+00	0.00E+00	2.51E+00	3.92E-03	4.69E+00	0.00E+00	3.75E-08	1.82E-08	1.36E-03	1.48E-07	4.48E-01	0.00E+00	4.69E+00	9.68E-07	4.69E+00	5.14E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	8.98E+01
MWN616A	2.96E-03	6.02E-01	1.71E-02	5.85E-01	2.87E-12	0.00E+00	3.47E+00	6.61E-06	1.32E-03	5.28E-03	0.00E+00	-2.84E-04	6.20E-10	1.61E-08	2.27E-02	9.20E-01	0.00E+00	0.00E+00	2.66E+00	3.86E-03	4.83E+00	0.00E+00	3.86E-08	1.89E-08	1.39E-03	1.37E-07	4.70E-01	0.00E+00	4.83E+00	9.85E-07	4.83E+00	5.30E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
MWN620A	3.37E-03	6.14E-01	2.85E-02	5.96E-01	2.87E-12	0.00E+00	3.59E+00	6.82E-06	1.66E-03	5.41E-03	0.00E+00	-3.17E-04	6.57E-10	1.96E-08	2.33E-02	9.88E-01	0.00E+00	0.00E+00	2.82E+00	4.17E-03	4.98E+00	0.00E+00	3.99E-08	1.97E-08	1.45E-03	1.37E-07	4.95E-01	0.00E+00	4.98E+00	3.53E-07	4.98E+00	5.49E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN625A	3.76E-03	6.31E-01	2.94E-02	6.11E-01	2.87E-12	0.00E+00	3.73E+00	7.01E-06	1.88E-03	5.51E-03	0.00E+00	-3.55E-04	6.70E-10	2.26E-08	2.37E-02	1.03E+00	0.00E+00	0.00E+00	2.90E+00	4.70E-03	5.10E+00	0.00E+00	4.08E-08	2.04E-08	1.49E-03	1.52E-07	5.13E-01	0.00E+00	5.10E+00	3.63E-07	5.10E+00	5.60E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MWN632A	6.38E-03	7.78E-01	3.98E-02	7.39E-01	2.87E-12	0.00E+00	4.28E+00	7.71E-06	3.82E-03	7.00E-03	0.00E+00	-3.09E-04	8.16E-10	4.14E-08	2.72E-02	1.42E+00	1.83E-06	8.31E-06	3.62E+00	4.19E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.57E-07	6.40E-01	0.00E+00	5.96E+00	9.58E-07	5.96E+00	6.60E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
MWN640A	6.97E-03	9.24E-01	2.56E-02	9.00E-01	2.87E-12	0.00E+00	5.02E+00	9.39E-06	4.11E-03	8.70E-03	0.00E+00	-7.33E-04	8.77E-10	4.33E-08	2.84E-02	1.57E+00	0.00E+00	0.00E+00	4.18E+00	8.56E-03	6.64E+00	0.00E+00	5.39E-08	2.85E-08	2.40E-03	2.72E-07	7.31E-01	0.00E+00	6.64E+00	1.04E-06	6.64E+00	7.28E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
MWS206A	1.32E-03	2.38E-01	8.25E-03	2.28E-01	2.87E-12	0.00E+00	1.67E+00	3.44E-06	5.82E-04	2.34E-03	0.00E+00	-1.70E-04	2.89E-10	7.09E-09	1.10E-02	4.40E-01	0.00E+00	0.00E+00	1.29E+00	2.62E-03	2.50E+00	0.00E+00	1.94E-08	9.10E-09	6.34E-04	7.42E-08	2.24E-01	0.00E+00	2.50E+00	7.68E-07	2.50E+00	2.71E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
MWS210A	1.41E-03	2.38E-01	8.30E-03	2.27E-01	2.87E-12	0.00E+00	1.68E+00	3.50E-06	7.59E-04	2.35E-03	0.00E+00	-1.54E-04	3.04E-10	8.13E-09	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.34E+00	2.26E-03	2.52E+00	0.00E+00	1.96E-08	9.55E-09	6.37E-04	7.35E-08	2.29E-01	0.00E+00	2.52E+00	7.82E-07	2.52E+00	2.74E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
MWS216A	1.57E-03	2.71E-01	6.79E-03	2.64E-01	2.87E-12	0.00E+00	1.38E+00	2.71E-06	6.61E-04	2.36E-03	0.00E+00	-9.30E-05	2.34E-10	9.17E-09	9.36E-03	3.80E-01	0.00E+00	0.00E+00	1.07E+00	1.28E-03	2.04E+00	0.00E+00	1.65E-08	8.06E-09	6.15E-04	6.33E-08	1.92E-01	0.00E+00	2.04E+00	3.94E-07	2.04E+00	2.23E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
MWS220A	1.52E-03	3.00E-01	8.06E-03	2.91E-01	2.87E-12	0.00E+00	1.67E+00	3.13E-06	8.54E-04	2.60E-03	0.00E+00	-1.78E-04	2.83E-10	9.56E-09	1.09E-02	4.36E-01	0.00E+00	0.00E+00	1.29E+00	2.49E-03	2.31E+00	0.00E+00	1.85E-08	9.26E-09	6.74E-04	7.36E-08	2.26E-01	0.00E+00	2.31E+00	4.05E-07	2.31E+00	2.53E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.60E+01
MWS225A	1.88E-03	3.20E-01	1.01E-02	3.09E-01	2.87E-12	0.00E+00	1.78E+00	3.40E-06	1.09E-03	2.84E-03	0.00E+00	-2.05E-04	3.14E-10	1.18E-08	1.14E-02	5.25E-01	0.00E+00	0.00E+00	1.43E+00	2.84E-03	2.48E+00	0.00E+00	1.99E-08	9.87E-09	7.78E-04	9.36E-08	2.46E-01	0.00E+00	2.48E+00	4.66E-07	2.48E+00	2.74E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
MWS232A	3.16E-03	3.94E-01	1.28E-02	3.79E-01	2.87E-12	0.00E+00	2.37E+00	4.34E-06	1.83E-03	3.56E-03	0.00E+00	-3.03E-04	3.49E-10	2.10E-08	1.45E-02	7.71E-01	0.00E+00	0.00E+00	1.96E+00	3.95E-03	3.29E+00	0.00E+00	2.65E-08	1.45E-08	1.03E-03	1.27E-07	3.50E-01	0.00E+00	3.29E+00	5.56E-07	3.29E+00	3.62E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
MWS240A	3.21E-03	3.95E-01	1.35E-02	3.80E-01	2.87E-12	0.00E+00	2.33E+00	4.30E-06	1.93E-03	3.47E-03	0.00E+00	-3.43E-04	3.48E-10	2.16E-08	1.43E-02	7.76E-01	0.00E+00	0.00E+00	1.95E+00	4.32E-03	3.23E+00	0.00E+00	2.62E-08	1.45E-08	1.02E-03	1.39E-07	3.48E-01	0.00E+00	3.23E+00	5.52E-07	3.23E+00	3.54E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MWS306A	2.34E-03	4.52E-01	1.37E-02	4.37E-01	2.87E-12	0.00E+00	2.58E+00	4.85E-06	1.03E-03	4.07E-03	0.00E+00	-2.52E-04	4.67E-10	1.30E-08	1.68E-02	6.63E-01	0.00E+00	0.00E+00	1.95E+00	3.40E-03	3.58E+00	0.00E+00	2.87E-08	1.38E-08	1.05E-03	1.09E-07	3.45E-01	0.00E+00	3.58E+00	7.00E-07	3.58E+00	3.92E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MWS310A	2.39E-03	4.35E-01	1.23E-02	4.23E-01	2.87E-12	0.00E+00	2.31E+00	4.30E-06	1.19E-03	3.82E-03	0.00E+00	-2.18E-04	4.37E-10	1.40E-08	1.52E-02	6.50E-01	0.00E+00	0.00E+00	1.87E+00	2.89E-03	3.32E+00	0.00E+00	2.68E-08	1.37E-08	1.02E-03	1.01E-07	3.33E-01	0.00E+00	3.32E+00	6.79E-07	3.32E+00	3.62E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MWS316A	2.56E-03	4.41E-01	2.00E-02	4.22E-01	2.87E-12	0.00E+00	2.34E+00	4.38E-06	1.26E-03	3.76E-03	0.00E+00	-2.21E-04	4.40E-10	1.53E-08	1.53E-02	7.03E-01	0.00E+00	0.00E+00	1.95E+00	2.94E-03	3.32E+00	0.00E+00	2.68E-08	1.39E-08	1.03E-03	1.08E-07	3.38E-01	0.00E+00	3.32E+00	6.89E-07	3.32E+00	3.64E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.15E+01
MWS320A	3.01E-03	4.49E-01	2.49E-02	4.37E-01	2.87E-12	0.00E+00	2.49E+00	4.68E-06	1.51E-03	3.94E-03	0.00E+00	-2.25E-04	4.02E-10	1.74E-08	1.57E-02	7.42E-01	0.00E+00	0.00E+00	2.02E+00	3.11E-03	3.46E+00	0.00E+00	2.73E-08	1.43E-08	1.04E-03	1.05E-07	3.57E-01	0.00E+00	3.46E+00	2.86E-07	3.46E+00	3.76E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MWS325A	3.78E-03	4.84E-01	2.57E-02	4.69E-01	2.87E-12	0.00E+00	2.96E+00	5.27E-06	2.23E-03	4.23E-03	0.00E+00	-2.39E-04	5.57E-10	2.49E-08	1.78E-02	7.94E-01	0.00E+00	0.00E+00	2.17E+00	3.36E-03	3.78E+00	0.00E+00	3.01E-08	1.50E-08	1.14E-03	1.19E-07	3.84E-01	0.00E+00	3.78E+00	3.62E-07	3.78E+00	4.15E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	7.99E+01
MWS332A	5.22E-03	5.87E-01	1.90E-02	5.68E-01	2.87E-12	0.00E+00	3.32E+00	5.95E-06	3.06E-03	5.26E-03	0.00E+00	-2.65E-04	6.34E-10	3.39E-08	2.10E-02	1.11E+00	0.00E+00	0.00E+00	2.80E+00	3.19E-03	4.48E+00	0.00E+00	3.66E-08	2.00E-08	1.51E-03	1.42E-07	4.96E-01	0.00E+00	4.48E+00	7.33E-07	4.48E+00	4.98E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MWS340A	5.22E-03	5.87E-01	1.99E-02	5.67E-01	2.87E-12	0.00E+00	3.36E+00	5.95E-06	3.07E-03	5.25E-03	0.00E+00	-3.71E-04	6.35E-10	3.39E-08	2.11E-02	1.11E+00	0.00E+00	0.00E+00	2.82E+00	5.04E-03	4.48E+00	0.00E+00	3.67E-08	2.03E-08	1.51E-03	1.69E-07	4.98E-01	0.00E+00	4.48E+00	7.28E-07	4.48E+00	4.98E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MWS606A	2.96E-03	5.88E-01	3.42E-02	5.72E-01	2.87E-12	0.00E+00	3.18E+00	5.98E-06	1.25E-03	5.19E-03	0.00E+00	-3.06E-04	5.77E-10	1.61E-08	2.13E-02	8.68E-01	0.00E+00	0.00E+00	2.42E+00	4.17E-03	4.59E+00	0.00E+00	3.71E-08	1.79E-08	1.35E-03	1.58E-07	4.38E-01	0.00E+00	4.59E+00	8.31E-07	4.59E+00	5.03E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
MWS610A	3.03E-03	5.83E-01	1.74E-02	5.69E-01	2.87E-12	0.00E+00	3.16E+00	5.89E-06	1.43E-03	5.18E-03	0.00E+00	-2.93E-04	5.91E-10	1.72E-08	2.13E-02	8.93E-01	0.00E+00	0.00E+00	2.45E+00	3.93E-03	4.52E+00	0.00E+00	3.68E-08	1.84E-08	1.37E-03	1.46E-07	4.35E-01	0.00E+00	4.52E+00	8.65E-07	4.52E+00	4.95E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MWS616A	3.15E-03	5.88E-01	1.70E-02	5.73E-01	2.87E-12	0.00E+00	3.23E+00	6.05E-06	1.53E-03	5.21E-03	0.00E+00	-2.99E-04	6.05E-10	1.84E-08	2.16E-02	9.23E-01	0.00E+00	0.00E+00	2.51E+00	3.91E-03	4.62E+00	0.00E+00	3.74E-08	1.88E-08	1.39E-03	1.46E-07	4.49E-01	0.00E+00	4.62E+00	8.78E-07	4.62E+00	5.06E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	9.03E+01
MWS620A	3.51E-03	6.03E-01	2.84E-02	5.85E-01	2.87E-12	0.00E+00	3.39E+00	6.44E-06	1.73E-03	5.28E-03	0.00E+00	-3.08E-04	6.28E-10	2.07E-08	2.22E-02	9.70E-01	0.00E+00	0.00E+00	2.66E+00	4.12E-03	4.80E+00	0.00E+00	3.86E-08	1.94E-08	1.46E-03	1.36E-07	4.77E-01	0.00E+00	4.80E+00	3.38E-07	4.80E+00	5.30E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	9.64E+01
MWS625A	4.52E-03	6.25E-01	2.88E-02	6.08E-01	2.87E-12	0.00E+00	3.47E+00	6.58E-06	2.48E-03	5.46E-03	0.00E+00	-3.58E-04	6.64E-10	2.77E-08	2.25E-02	1.05E+00	0.00E+00	0.00E+00	2.84E+00	4.80E-03	4.84E+00	0.00E+00	3.89E-08	2.00E-08	1.52E-03	1.55E-07	4.98E-01	0.00E+00	4.84E+00	3.88E-07	4.84E+00	5.36E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MWS632A	6.95E-03	9.17E-01	2.57E-02	8.93E-01	2.87E-12	0.00E+00	4.77E+00	9.28E-06	3.98E-03	8.55E-03	0.00E+00	-5.81E-04	8.47E-10	4.32E-08	2.78E-02	1.53E+00	0.00E+00	0.00E+00	4.02E+00	8.29E-03	6.38E+00	0.00E+00	5.25E-08	2.79E-08	2.38E-03	2.46E-07	7.11E-01	0.00E+00	6.38E+00	1.03E-06	6.38E+00	7.11E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
MWS640A	6.97E-03	9.13E-01	2.58E-02	8.89E-01	2.87E-12	0.00E+00	4.78E+00	9.30E-06	4.09E-03	8.54E-03	0.00E+00	-7.20E-04	8.70E-10	4.31E-08	2.78E-02	1.55E+00	0.00E+00	0.00E+00	4.07E+00	8.44E-03	6.43E+00	0.00E+00	5.26E-08	2.81E-08	2.38E-03	2.67E-07	7.16E-01	0.00E+00	6.43E+00	1.02E-06	6.43E+00	7.14E+00	7.16E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
MX106	7.56E-04	1.61E-01	5.43E-03	1.58E-01	2.87E-12	0.00E+00	8.83E-01	1.66E-06	3.27E-04	1.42E-03	0.00E+00	-8.74E-05	1.82E-10	4.04E-09	5.82E-03	2.30E-01	0.00E+00	0.00E+00	6.75E-01	1.04E-03	1.23E+00	0.00E+00	9.93E-09	4.82E-09	3.60E-04	4.28E-08	1.19E-01	0.00E+00	1.23E+00	2.82E-07	1.23E+00	1.35E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MX110	7.46E-04	1.59E-01	4.46E-03	1.55E-01	2.87E-12	0.00E+00	9.22E-01	1.77E-06	3.30E-04	1.39E-03	0.00E+00	-3.24E-05	1.62E-10	4.11E-09	5.77E-03	2.30E-01	0.00E+00	0.00E+00	7.04E-01	9.72E-04	1.25E+00	0.00E+00	9.95E-09	4.83E-09	3.62E-04	3.91E-08	1.22E-01	0.00E+00	1.25E+00	2.53E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MX113	8.64E-04	1.67E-01	5.54E-03	1.61E-01	2.87E-12	0.00E+00	9.24E-01	1.78E-06	4.09E-04	1.46E-03	0.00E+00	-3.57E-05	1.89E-10	4.92E-09	5.93E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	9.90E-04	1.28E+00	0.00E+00	1.04E-08	5.10E-09	3.81E-04	3.99E-08	1.28E-01	0.00E+00	1.28E+00	2.57E-07	1.28E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01

MX116	6.19E-04	1.40E-01	3.59E-03	1.36E-01	2.87E-12	0.00E+00	7.62E-01	1.44E-06	2.65E-04	1.22E-03	0.00E+00	-5.07E-05	1.43E-10	3.27E-09	4.80E-03	1.91E-01	0.00E+00	0.00E+00	5.88E-01	5.93E-04	1.07E+00	0.00E+00	8.60E-09	4.20E-09	3.14E-04	3.14E-08	1.04E-01	0.00E+00	1.07E+00	2.16E-07	1.07E+00	1.17E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MX120	8.90E-04	1.68E-01	5.00E-03	1.62E-01	2.87E-12	0.00E+00	9.56E-01	1.82E-06	4.36E-04	1.47E-03	0.00E+00	-6.87E-05	1.75E-10	5.33E-09	6.02E-03	2.53E-01	0.00E+00	0.00E+00	7.39E-01	1.10E-03	1.30E+00	0.00E+00	1.05E-08	5.19E-09	3.96E-04	4.08E-08	1.30E-01	0.00E+00	1.30E+00	2.53E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MX125	9.40E-04	1.67E-01	5.04E-03	1.61E-01	2.87E-12	0.00E+00	9.93E-01	1.89E-06	4.66E-04	1.47E-03	0.00E+00	-6.03E-05	1.82E-10	5.58E-09	6.14E-03	2.70E-01	0.00E+00	0.00E+00	7.85E-01	1.05E-03	1.33E+00	0.00E+00	1.07E-08	5.37E-09	3.96E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MX132	1.48E-03	2.07E-01	6.59E-03	1.99E-01	2.87E-12	0.00E+00	1.14E+00	1.90E-06	7.85E-04	1.66E-03	0.00E+00	-2.10E-04	2.09E-10	8.95E-09	6.81E-03	3.59E-01	0.00E+00	0.00E+00	8.96E-01	2.79E-03	1.49E+00	0.00E+00	1.21E-08	6.55E-09	4.78E-04	7.09E-08	1.62E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.65E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MX140	1.53E-03	2.06E-01	7.43E-03	1.96E-01	2.87E-12	0.00E+00	1.15E+00	1.91E-06	8.63E-04	1.65E-03	0.00E+00	-2.19E-04	2.33E-10	9.68E-09	6.85E-03	3.62E-01	0.00E+00	0.00E+00	9.20E-01	2.99E-03	1.49E+00	0.00E+00	1.21E-08	6.60E-09	4.76E-04	7.08E-08	1.64E-01	0.00E+00	1.49E+00	2.43E-07	1.49E+00	1.66E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MX206	1.36E-03	3.19E-01	9.63E-03	3.10E-01	2.87E-12	0.00E+00	1.77E+00	3.51E-06	5.40E-04	2.79E-03	0.00E+00	-1.58E-04	3.25E-10	7.38E-09	1.18E-02	5.10E-01	0.00E+00	0.00E+00	1.38E+00	2.27E-03	2.57E+00	0.00E+00	2.06E-08	9.65E-09	7.39E-04	7.87E-08	2.41E-01	0.00E+00	2.57E+00	6.29E-07	2.57E+00	2.81E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.88E+01
MX210	1.41E-03	3.21E-01	9.63E-03	3.10E-01	2.87E-12	0.00E+00	1.81E+00	3.53E-06	6.45E-04	2.79E-03	0.00E+00	-1.52E-04	3.27E-10	7.77E-09	1.19E-02	5.03E-01	0.00E+00	0.00E+00	1.41E+00	2.22E-03	2.58E+00	0.00E+00	2.06E-08	9.87E-09	7.34E-04	7.77E-08	2.44E-01	0.00E+00	2.58E+00	6.39E-07	2.58E+00	2.82E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.01E+01
MX213	1.50E-03	3.24E-01	9.28E-03	3.13E-01	2.87E-12	0.00E+00	1.84E+00	3.56E-06	7.00E-04	2.81E-03	0.00E+00	-1.60E-04	3.36E-10	8.16E-09	1.20E-02	5.05E-01	0.00E+00	0.00E+00	1.43E+00	2.22E-03	2.59E+00	0.00E+00	2.06E-08	1.00E-08	7.34E-04	9.22E-08	2.50E-01	0.00E+00	2.59E+00	6.39E-07	2.59E+00	2.84E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MX216	1.50E-03	3.23E-01	9.30E-03	3.13E-01	2.87E-12	0.00E+00	1.83E+00	3.54E-06	6.97E-04	2.80E-03	0.00E+00	-1.57E-04	3.30E-10	8.20E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.41E+00	2.21E-03	2.58E+00	0.00E+00	2.06E-08	9.95E-09	7.34E-04	9.49E-08	2.46E-01	0.00E+00	2.58E+00	6.39E-07	2.58E+00	2.83E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MX220	1.57E-03	3.24E-01	9.48E-03	3.15E-01	2.87E-12	0.00E+00	1.86E+00	3.56E-06	7.27E-04	2.81E-03	0.00E+00	-1.55E-04	3.38E-10	8.66E-09	1.20E-02	5.01E-01	0.00E+00	0.00E+00	1.48E+00	2.20E-03	2.60E+00	0.00E+00	2.06E-08	1.01E-08	7.37E-04	9.65E-08	2.59E-01	0.00E+00	2.60E+00	6.43E-07	2.60E+00	2.85E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
MX225	1.98E-03	3.24E-01	9.28E-03	3.13E-01	2.87E-12	0.00E+00	2.00E+00	3.68E-06	1.01E-03	2.83E-03	0.00E+00	-1.56E-04	3.38E-10	1.16E-08	1.25E-02	5.31E-01	0.00E+00	0.00E+00	1.56E+00	2.17E-03	2.70E+00	0.00E+00	2.16E-08	1.10E-08	8.19E-04	9.53E-08	2.76E-01	0.00E+00	2.70E+00	4.58E-07	2.70E+00	3.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	5.55E+01
MX232	3.06E-03	3.85E-01	1.24E-02	3.66E-01	2.87E-12	0.00E+00	2.34E+00	4.27E-06	1.53E-03	3.56E-03	0.00E+00	-2.77E-04	3.77E-10	1.82E-08	1.42E-02	7.60E-01	0.00E+00	0.00E+00	1.93E+00	3.28E-03	3.23E+00	0.00E+00	2.62E-08	1.41E-08	9.50E-04	1.05E-07	3.46E-01	0.00E+00	3.23E+00	5.68E-07	3.23E+00	3.56E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.09E+01
MX240	3.63E-03	3.83E-01	1.30E-02	3.67E-01	2.87E-12	0.00E+00	2.31E+00	4.23E-06	1.98E-03	3.49E-03	0.00E+00	-2.75E-04	3.79E-10	2.40E-08	1.41E-02	7.79E-01	0.00E+00	0.00E+00	1.91E+00	3.77E-03	3.19E+00	0.00E+00	2.59E-08	1.47E-08	9.83E-04	1.23E-07	3.46E-01	0.00E+00	3.19E+00	5.61E-07	3.19E+00	3.51E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
MX306	2.17E-03	4.73E-01	1.37E-02	4.61E-01	2.87E-12	0.00E+00	2.63E+00	4.94E-06	8.81E-04	4.20E-03	0.00E+00	-2.51E-04	4.67E-10	1.09E-08	1.73E-02	6.71E-01	0.00E+00	0.00E+00	1.96E+00	3.21E-03	3.62E+00	0.00E+00	2.90E-08	1.40E-08	1.09E-03	1.15E-07	3.49E-01	0.00E+00	3.62E+00	7.16E-07	3.62E+00	3.97E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
MX310	2.29E-03	4.78E-01	1.39E-02	4.64E-01	2.87E-12	0.00E+00	2.73E+00	5.08E-06	1.05E-03	4.23E-03	0.00E+00	-2.23E-04	4.83E-10	1.21E-08	1.78E-02	6.76E-01	0.00E+00	0.00E+00	2.00E+00	2.95E-03	3.72E+00	0.00E+00	2.98E-08	1.45E-08	1.11E-03	1.11E-07	3.64E-01	0.00E+00	3.72E+00	7.36E-07	3.72E+00	4.10E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MX313	2.33E-03	4.88E-01	1.32E-02	4.73E-01	2.87E-12	0.00E+00	2.76E+00	5.11E-06	1.08E-03	4.25E-03	0.00E+00	-2.24E-04	4.85E-10	1.23E-08	1.79E-02	6.82E-01	0.00E+00	0.00E+00	2.02E+00	2.96E-03	3.76E+00	0.00E+00	3.03E-08	1.46E-08	1.13E-03	1.17E-07	3.69E-01	0.00E+00	3.76E+00	7.41E-07	3.76E+00	4.13E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.15E+01
MX316	2.43E-03	4.88E-01	1.38E-02	4.74E-01	2.87E-12	0.00E+00	2.76E+00	5.13E-06	1.09E-03	4.25E-03	0.00E+00	-2.26E-04	4.95E-10	1.31E-08	1.80E-02	7.39E-01	0.00E+00	0.00E+00	2.09E+00	2.97E-03	3.77E+00	0.00E+00	3.03E-08	1.47E-08	1.12E-03	1.20E-07	3.73E-01	0.00E+00	3.77E+00	7.49E-07	3.77E+00	4.15E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MX320	2.58E-03	5.00E-01	1.41E-02	4.84E-01	2.87E-12	0.00E+00	2.89E+00	5.35E-06	1.18E-03	4.34E-03	0.00E+00	-2.28E-04	5.12E-10	1.42E-08	1.87E-02	7.62E-01	0.00E+00	0.00E+00	2.27E+00	3.00E-03	3.95E+00	0.00E+00	3.17E-08	1.64E-08	1.14E-03	1.19E-07	4.04E-01	0.00E+00	3.95E+00	7.43E-07	3.95E+00	4.36E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.18E+01
MX325	2.90E-03	5.02E-01	2.60E-02	4.88E-01	2.87E-12	0.00E+00	2.95E+00	5.58E-06	1.53E-03	4.38E-03	0.00E+00	-2.24E-04	5.38E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.95E-03	4.01E+00	0.00E+00	3.21E-08	1.63E-08	1.16E-03	1.11E-07	4.12E-01	0.00E+00	4.01E+00	3.65E-07	4.01E+00	4.41E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
MX332	5.30E-03	5.66E-01	2.11E-02	5.50E-01	2.87E-12	0.00E+00	3.70E+00	6.27E-06	2.97E-03	5.11E-03	0.00E+00	-4.57E-04	6.21E-10	3.46E-08	2.08E-02	1.19E+00	0.00E+00	0.00E+00	3.21E+00	4.72E-03	4.52E+00	0.00E+00	3.75E-08	2.16E-08	1.51E-03	1.95E-07	5.72E-01	0.00E+00	4.52E+00	7.46E-07	4.52E+00	4.90E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MX340	5.34E-03	5.68E-01	2.18E-02	5.50E-01	2.87E-12	0.00E+00	3.71E+00	6.28E-06	3.15E-03	5.12E-03	0.00E+00	-6.29E-04	6.32E-10	3.53E-08	2.08E-02	1.22E+00	0.00E+00	0.00E+00	3.26E+00	5.03E-03	4.54E+00	0.00E+00	3.78E-08	2.22E-08	1.56E-03	2.30E-07	5.81E-01	0.00E+00	4.54E+00	7.47E-07	4.54E+00	4.91E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MX406	2.71E-03	5.91E-01	2.75E-02	5.70E-01	2.87E-12	0.00E+00	3.23E+00	5.90E-06	1.05E-03	5.18E-03	0.00E+00	-2.88E-04	5.84E-10	1.33E-08	2.15E-02	8.72E-01	0.00E+00	0.00E+00	2.44E+00	3.87E-03	4.40E+00	0.00E+00	3.55E-08	1.76E-08	1.34E-03	1.36E-07	4.33E-01	0.00E+00	4.40E+00	3.71E-07	4.40E+00	4.80E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
MX410	2.67E-03	5.91E-01	2.75E-02	5.71E-01	2.87E-12	0.00E+00	3.26E+00	5.98E-06	1.20E-03	5.20E-03	0.00E+00	-2.87E-04	6.05E-10	1.46E-08	2.18E-02	8.88E-01	0.00E+00	0.00E+00	2.46E+00	3.90E-03	4.42E+00	0.00E+00	3.57E-08	1.77E-08	1.36E-03	1.36E-07	4.41E-01	0.00E+00	4.42E+00	3.80E-07	4.42E+00	4.82E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.97E+01
MX416	3.59E-03	6.17E-01	1.88E-02	6.01E-01	2.87E-12	0.00E+00	3.53E+00	6.64E-06	1.70E-03	5.46E-03	0.00E+00	-2.98E-04	6.55E-10	2.03E-08	2.28E-02	9.88E-01	0.00E+00	0.00E+00	2.76E+00	4.07E-03	4.85E+00	0.00E+00	3.89E-08	1.92E-08	1.46E-03	1.58E-07	4.90E-01	0.00E+00	4.85E+00	9.62E-07	4.85E+00	5.36E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MX420	5.69E-03	1.02E+00	5.09E-02	9.59E-01	2.87E-12	0.00E+00	5.87E+00	1.17E-05	3.17E-03	9.01E-03	0.00E+00	-3.65E-04	1.22E-09	3.67E-08	3.90E-02	1.94E+00	1.83E-06	8.31E-06	4.72E+00	4.40E-03	7.93E+00	0.00E+00	6.66E-08	3.44E-08	2.29E-03	2.70E-07	8.61E-01	0.00E+00	7.93E+00	1.28E-06	7.93E+00	8.56E+00	8.61E-01	0.00E+00	0.00E+00	0.00E+00	1.73E+02
MX425	4.15E-03	6.36E-01	2.97E-02	6.17E-01	2.87E-12	0.00E+00	3.83E+00	7.19E-06	2.16E-03	5.64E-03	0.00E+00	-3.01E-04	6.99E-10	2.52E-08	2.42E-02	1.08E+00	0.00E+00	0.00E+00	2.95E+00	4.04E-03	5.17E+00	0.00E+00	4.12E-08	2.04E-08	1.52E-03	1.57E-07	5.20E-01	0.00E+00	5.17E+00	3.86E-07	5.17E+00	5.70E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MX432	6.77E-03	9.35E-01	2.59E-02	9.16E-01	2.87E-12	0.00E+00	5.02E+00	9.33E-06	3.93E-03	8.71E-03	0.00E+00	-5.74E-04	8.59E-10	4.14E-08	2.87E-02	1.53E+00	0.00E+00	0.00E+00	4.09E+00	5.25E-03	6.58E+00	0.00E+00	5.35E-08	2.77E-08	2.37E-03	2.25E-07	7.21E-01	0.00E+00	6.58E+00	1.03E-06	6.58E+00	7.22E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MX440	6.82E-03	9.28E-01	2.57E-02	8.98E-01	2.87E-12	0.00E+00	5.04E+00	9.34E-06	4.06E-03	8.70E-03	0.00E+00	-7.04E-04	8.77E-10	4.13E-08	2.87E-02	1.54E+00	0.00E+00	0.00E+00	4.10E+00	5.33E-03	6.61E+00	0.00E+00	5.36E-08	2.78E-08	2.36E-03	2.49E-07	7.23E-01	0.00E+00	6.61E+00	1.03E-06	6.61E+00	7.23E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MXN106	6.88E-04	1.55E-01	5.31E-03	1.51E-01	2.87E-12	0.00E+00	8.67E-01	1.61E-06	2.91E-04	1.37E-03	0.00E+00	-9.17E-05	1.73E-10	3.64E-09	5.57E-03	2.20E-01	0.00E+00	0.00E+00	6.62E-01	1.17E-03	1.18E+00	0.00E+00	9.53E-09	4.62E-09	3.48E-04	4.38E-08	1.16E-01	0.00E+00	1.18E+00	2.29E-07	1.18E+00	1.30E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.37E+01
MXN110	6.95E-04	1.55E-01	5.25E-03	1.51E-01	2.87E-12	0.00E+00	8.80E-01	1.68E-06	2.92E-04	1.37E-03	0.00E+00	-7.56E-05	1.78E-10	3.67E-09	5.65E-03	2.22E-01	0.00E+00	0.00E+00	6.76E-01	9.94E-04	1.22E+00	0.00E+00	9.73E-09	4.69E-09	3.48E-04	3.93E-08	1.18E-01	0.00E+00	1.22E+00	2.58E-07	1.22E+00	1.34E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MXN116	7.78E-04	1.55E-01	4.46E-03	1.51E-01	2.87E-12	0.00E+00	8.87E-01	1.70E-06	3.50E-04	1.37E-03	0.00E+00	-7.35E-05	1.60E-10	4.31E-09	5.68E-03	2.36E-01	0.00E+00	0.00E+00	6.87E-01	9.80E-04	1.23E+00	0.00E+00	9.87E-09	4.84E-09	3.62E-04	3.87E-08	1.20E-01	0.00E+00	1.23E+00	2.58E-07	1.23E+00	1.36E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MXN150	1.64E-03	2.07E-01	7.14E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.11E-06	1.02E-03	1.87E-03	0.00E+00	-1.04E-04	2.49E-10	1.08E-08	7.34E-03	3.95E-01	0.00E+00	0.00E+00	1.00E+00	1.45E-03	1.64E+00	0.00E+00	1.34E-08	7.26E-09	5.33E-04	4.74E-08	1.80E-01	0.00E+00	1.64E+00	2.51E-07	1.64E+00	1.81E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.72E+01
MXN163	1.88E-03	2.08E-01	7.64E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	1.41E-03	1.88E-03	0.00E+00	-1.06E-04	2.57E-10	1.26E-08	7.45E-03	3.97E-01	0.00E+00	0.00E+00	1.01E+00	1.49E-03	1.65E+00	0.00E+00	1.35E-08	7.29E-09	5.44E-04	4.85E-08	1.81E-01	0.00E+00	1.65E+00	2.92E-07	1.65E+00	1.83E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+01
MXN206	1.95E-03	3.15E-01	1.13E-02	3.03E-01	2.87E-12	0.00E+00	2.13E+00	3.82E-06	5.94E-04	2.78E-03	0.00E+00	-1.73E-04	3.92E-10	9.44E-09	1.35E-02	5.31E-01	0.00E+00	0.00E+00	1.56E+00	2.51E-03	3.00E+00	0.00E+00	2.42E-08	1.18E-08	8.65E-04	1.05E-07	2.77E-01	0.00E+00	3.00E+00	5.90E-07	3.00E+00	3.35E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	5.57E+01
MXN210	1.37E-03	3.00E-01	8.54E-03	2.91E-01	2.87E-12	0.00E+00	1.72E+00	3.46E-06	6.12E-04	2.63E-03	0.00E+00	-1.54E-04	3.13E-10	7.44E-09	1.16E-02	4.74E-01	0.00E+00	0.00E+00	1.38E+00	2.21E-03	2.52E+00	0.00E+00	1.98E-08	9.97E-09	6.94E-04	7.07E-08	2.39E-01	0.00E+00	2.52E+00	7.58E-07	2.52E+00	2.74E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
MXN216	1.48E-03	3.02E-01	8.64E-03	2.93E-01	2.87E-12	0.00E+00	1.75E+00	3.47E-06	6.42E-04	2.67E-03	0.00E+00	-1.53E-04	3.19E-10	8.01E-09	1.16E-02	4.67E-01	0.00E+00	0.00E+00	1.36E+00	2.17E-03	2.54E+00	0.00E+00	2.00E-08	1.01E-08	7.10E-04	7.00E-08	2.39E-01	0.00E+00	2.54E+00	7.99E-07	2.54E+00	2.76E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MXN220	1.62E-03	3.12E-01	8.41E-03	3.02E-01	2.87E-12	0.00E+00	1.80E+00	3.46E-06	7.27E-04	2.77E-03	0.00E+00	-1.45E-04	3.15E-10	9.13E-09	1.17E-02	4.87E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-03	2.50E+00	0.00E+00	2.00E-08	1.02E-08	7.35E-04	7.02E-08	2.50E-01	0.00E+00	2.50E+00	4.83E-07	2.50E+00	2.75E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MXN225	1.91E-03	3.18E-01	9.24E-03	3.08E-01	2.87E-12	0.00E+00	1.91E+00	3.56E-06	9.82E-04	2.79E-03	0.00E+00	-1.54E-04	3.22E-10	1.16E-08	1.19E-02	5.27E-01	0.00E+00	0.00E+00	1.50E+00	1.99E-03	2.56E+00	0.00E+00	2.04E-08	1.04E-08	7.58E-04	9.66E-08	2.64E-01	0.00E+00	2.56E+00	4.61E-07	2.56E+00	2.82E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.38E+01
MXN232	3.21E-03	3.99E-01	1.27E-02	3.87E-01	2.87E-12	0.00E+00	2.16E+00	3.94E-06	1.82E-03	3.53E-03	0.00E+00	-1.89E-04	4.20E-10	2.06E-08	1.37E-02	7.25E-01	0.00E+00	0.00E+00	1.89E+00	2.44E-03	3.02E+00	0.00E+00	2.47E-08	1.33E-08	9.83E-04	1.01E-07	3.28E-01	0.00E+00	3.02E+00	5.74E-07	3.02E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MXN240	3.24E-03	3.98E-01	1.33E-02	3.87E-01	2.87E-12	0.00E+00	2.17E+00	3.95E-06	1.82E-03	3.53E-03	0.00E+00	-2.27E-04	4.22E-10	2.07E-08	1.38E-02	7.40E-01	0.00E+00	0.00E+00	1.91E+00	3.06E-03	3.03E+00	0.00E+00	2.48E-08	1.34E-08	9.84E-04	1.08E-07	3.29E-01	0.00E+00	3.03E+00	5.72E-07	3.03E+00	3.36E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MXN250	3.65E-03	4.10E-01	1.38E-02	3.94E-01	2.87E-12	0.00E+00	2.35E+00	4.24E-06	2.09E-03	3.65E-03	0.00E+00	-2.20E-04	4.59E-10	2.40E-08	1.44E-02	8.05E-01	0.00E+00	0.00E+00	1.94E+00	2.97E-03	3.18E+00	0.00E+00	2.58E-08	1.34E-08	9.53E-04	1.07E-07	3.27E-01	0.00E+00	3.18E+00	5.77E-07	3.18E+00	3.52E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
MXN263	3.78E-03	4.11E-01	1.42E-02	3.97E-01	2.87E-12	0.00E+00	2.35E+00	4.25E-06	2.18E-03	3.65E-03	0.00E+00	-2.28E-04	4.65E-10	2.52E-08	1.44E-02	8.10E-01	0.00E+00	0.00E+00	1.95E+00	3.06E-03	3.19E+00	0.00E+00	2.59E-08	1.34E-08	9.55E-04	1.15E-07	3.28E-01	0.00E+00	3.19E+00	5.90E-07	3.19E+00	3.53E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MXN310	2.24E-03	4.53E-01	1.25E-02	4.39E-01	2.87E-12	0.00E+00	2.61E+00	4.94E-06	1.01E-03	4.02E-03	0.00E+00	-2.22E-04	4.70E-10	1.20E-08	1.72E-02	6.68E-01	0.00E+00	0.00E+00	1.96E+00	2.93E-03	3.62E+00	0.00E+00	2.88E-08	1.42E-08	1.04E-03	1.06E-07	3.52E-01	0.00E+00	3.62E+00	7.36E-07	3.62E+00	3.96E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MXN316	2.72E-03	5.51E-01	1.70E-02	5.32E-01	2.87E-12	0.00E+00	2.93E+00	5.50E-06	1.15E-03	4.68E-03	0.00E+00	-2.35E-04	5.80E-10	1.45E-08	1.98E-02	8.82E-01	0.00E+00	0.00E+00	2.42E+00	3.22E-03	4.23E+00	0.00E+00	3.45E-08	1.79E-08	1.29E-03	1.27E-07	4.31E-01	0.00E+00	4.23E+00	7.43E-07	4.23E+00	4.62E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
MXN320	2.65E-03	4.63E-01	2.51E-02	4.50E-01	2.87E-12	0.00E+00	2.73E+00	5.17E-06	1.31E-03	4.07E-03	0.00E+00	-2.13E-04	5.01E-10	1.55E-08	1.76E-02	7.38E-01	0.00E+00	0.00E+00	2.12E+00	2.78E-03	3.70E+00	0.00E+00	2.94E-08	1.48E-08	1.09E-03	1.04E-07	3.73E-01	0.00E+00	3.70E+00	3.85E-07	3.70E+00	4.06E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.65E+01
MXN325	3.06E-03	5.78E-01	1.74E-02	5.56E-01	2.87E-12	0.00E+00	2.99E+00	5.80E-06	1.48E-03	5.17E-03	0.00E+00	-2.35E-04	6.00E-10	1.75E-08	2.05E-02	9.39E-01	0.00E+00	0.00E+00	2.70E+00	3.23E-03	4.27E+00	0.00E+00	3.50E-08	1.91E-08	1.43E-03	1.28E-07	4.75E-01	0.00E+00	4.27E+00	7.24E-07	4.27E+00	4.70E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+01
MXN350	5.74E-03	6.09E-01	2.14E-02	5.89E-01	2.87E-12	0.00E+00	3.59E+00	6.63E-06	3.49E-03	5.48E-03	0.00E+00	-3.57E-04	6.85E-10	3.81E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.83E-03	4.90E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.53E-01	0.00E+00	4.90E+00	7.54E-07	4.90E+00	5.45E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MXN363	5.79E-03	6.13E-01	2.16E-02	5.93E-01	2.87E-12	0.00E+00	3.67E+00	6.75E-06	3.52E-03	5.52E-03	0.00E+00	-3.57E-04	7.08E-10	3.84E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.83E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.60E-03	1.71E-07	5.63E-01	0.00E+00	4.97E+00	7.69E-07	4.97E+00	5.53E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MXN406	3.18E-03	6.12E-01	3.51E-02	5.98E-01	2.87E-12	0.00E+00	3.42E+00	6.42E-06	1.18E-03	5.39E-03	0.00E+00	-2.93E-04	6.17E-10	1.55E-08	2.24E-02	9.16E-01	0.00E+00	0.00E+00	2.59E+00	4.00E-03	4.73E+00	0.00E+00	3.80E-08	1.82E-08	1.39E-03	1.50E-07	4.59E-01	0.00E+00	4.73E+00	9.13E-07	4.73E+00	5.18E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MXN410	4.89E-03	6.28E-01	3.77E-02	6.08E-01	2.87E-12	0.00E+00	3.73E+00	7.00E-06	2.58E-03	5.70E-03	0.00E+00	-2.91E-04	6.96E-10	2.83E-08	2.43E-02	1.08E+00	1.83E-06	8.31E-06	2.99E+00	3.99E-03	5.14E+00	0.00E+00	4.10E-08	2.08E-08	1.45E-03	2.52E-07	5.26E-01	0.00E+00	5.14E+00	9.48E-07	5.14E+00	5.64E+00	5.26E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MXN416	3.21E-03	6.09E-01	1.80E-02	5.90E-01	2.87E-12	0.00E+00	3.51E+00	6.65E-06	1.50E-03	5.41E-03	0.00E+00	-2.83E-04	6.60E-10	1.89E-08	2.29E-02	9.70E-01	0.00E+00	0.00E+00	2.81E+00	3.89E-03	4.84E+00	0.00E+00	3.88E-08	1.95E-08	1.44E-03	1.47E-07	4.92E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.34E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MXN420	3.31E-03	6.16E-01	2.86E-02	5.98E-01	2.87E-12	0.00E+00	3.68E+00	7.05E-06	1.63E-03	5.45E-03	0.00E+00	-2.74E-04	6.77E-10	1.94E-08	2.38E-02	9.98E-01	0.00E+00	0.00E+00	2.84E+00	3.85E-03	5.02E+00	0.00E+00	4.00E-08	1.99E-08	1.46E-03	1.38E-07	5.01E-01	0.00E+00	5.02E+00	1.01E-06	5.02E+00	5.53E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MXN425	4.49E-03	6.35E-01	2.96E-02	6.16E-01	2.87E-12	0.00E+00	3.83E+00	7.22E-06	2.34E-03	5.60E-03	0.00E+00	-2.82E-04	6.97E-10	2.66E-08	2.41E-02	1.07E+00	0.00E+00	0.00E+00	2.99E+00	3.90E-03	5.13E+00	0.00E+00	4.10E-08	2.06E-08	1.51E-03	1.47E-07	5.28E-01	0.00E+00	5.13E+00	3.89E-07	5.13E+00	5.65E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MXN432	4.98E-03	6.64E-01	2.98E-02	6.37E-01	2.87E-12	0.00E+00	4.32E+00	7.90E-06	3.15E-03	6.03E-03	0.00E+00	-2.91E-04	8.32E-10	3.38E-08	2.73E-02	1.41E+00	0.00E+00	0.00E+00	3.68E+00	4.02E-03	6.01E+00	0.00E+00	4.86E-08	2.59E-08	1.67E-03	1.56E-07	6.52E-01	0.00E+00	6.01E+00	3.92E-07	6.01E+00	6.66E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MXN440	6.44E-03	7.97E-01	2.60E-02	7.72E-01	2.87E-12	0.00E+00	4.33E+00	7.90E-06	3.81E-03	7.09E-03	0.00E+00	-4.54E-04	8.43E-10	4.16E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.70E+00	5.94E-03	6.07E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	2.10E-07	6.55E-01	0.00E+00	6.07E+00	9.62E-07	6.07E+00	6.72E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MXN450	6.92E-03	8.21E-01	3.14E-02	7.93E-01	2.87E-12	0.00E+00	4.71E+00	8.96E-06	4.06E-03	7.37E-03	0.00E+00	-4.18E-04	8.62E-10	4.36E-08	2.79E-02	1.58E+00	0.00E+00	0.00E+00	4.15E+00	5.59E-03	6.53E+00	0.00E+00	5.28E-08	2.90E-08	2.13E-03	1.92E-07	7.28E-01	0.00E+00	6.53E+00	4.06E-07	6.53E+00	7.27E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
MXN463	7.72E-03	8.33E-01	2.91E-02	8.03E-01	2.87E-12	0.00E+00	4.94E+00	9.07E-06	4.65E-03	7.46E-03	0.00E+00	-4.32E-04	9.56E-10	5.14E-08	2.99E-02	1.66E+00	0.00E+00	0.00E+00	4.29E+00	5.82E-03	6.65E+00	0.00E+00	5.36E-08	2.96E-08	2.16E-03	2.10E-07	7.51E-01	0.00E+00	6.65E+00	1.03E-06	6.65E+00	7.40E+00	7.51E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MY101	9.76E-04	1.92E-01	5.73E-03	1.89E-01	2.87E-12	0.00E+00	9.93E-01	1.87E-06	4.61E-04	1.63E-03	0.00E+00	-1.65E-04	1.90E-10	5.36E-09	6.47E-03	2.85E-01	0.00E+00	0.00E+00	7.89E-01	1.94E-03	1.44E+00	0.00E+00	1.16E-08	5.80E-09	4.39E-04	6.38E-08	1.39E-01	0.00E+00	1.44E+00	2.57E-07	1.44E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MY101E	1.03E-03	1.39E-01	6.79E-03	1.35E-01	2.87E-12	0.00E+00	1.01E+00	2.53E-06	4.60E-04	1.39E-03	0.00E+00	-3.00E-04	1.88E-10	5.49E-09	7.62E-03	3.05E-01	0.00E+00	0.00E+00	9.09E-01	4.27E-03	1.92E+00	0.00E+00	1.49E-08	7.50E-09	4.21E-04	1.16E-07	1.56E-01	0.00E+00	1.92E+00	5.87E-07	1.92E+00	2.10E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MY102	1.02E-03	2.05E-01	6.15E-03	1.96E-01	2.87E-12	0.00E+00	1.04E+00	1.87E-06	4.79E-04	1.62E-03	0.00E+00	-2.74E-04	1.96E-10	5.64E-09	6.63E-03	2.81E-01	0.00E+00	0.00E+00	7.88E-01	3.09E-03	1.43E+00	0.00E+00	1.16E-08	5.74E-09	4.42E-04	8.38E-08	1.42E-01	0.00E+00	1.43E+00	2.70E-07	1.43E+00	1.57E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MY102E	9.28E-04	1.38E-01	6.39E-03	1.31E-01	2.87E-12	0.00E+00	1.00E+00	2.45E-06	4.06E-04	1.38E-03	0.00E+00	-2.80E-04	1.82E-10	4.97E-09	7.37E-03	2.98E-01	0.00E+00	0.00E+00	8.76E-01	3.98E-03	1.88E+00	0.00E+00	1.46E-08	7.36E-09	4.16E-04	1.09E-07	1.51E-01	0.00E+00	1.88E+00	5.88E-07	1.88E+00	2.06E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MY103	1.02E-03	1.97E-01	5.81E-03	1.87E-01	2.87E-12	0.00E+00	1.03E+00	1.86E-06	4.72E-04	1.59E-03	0.00E+00	-2.64E-04	1.95E-10	5.55E-09	6.60E-03	2.76E-01	0.00E+00	0.00E+00	7.89E-01	3.09E-03	1.43E+00	0.00E+00	1.15E-08	5.74E-09	4.41E-04	8.39E-08	1.42E-01	0.00E+00	1.43E+00	2.70E-07	1.43E+00	1.56E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MY103E	9.97E-04	1.46E-01	6.85E-03	1.39E-01	2.87E-12	0.00E+00	1.04E+00	2.61E-06	4.57E-04	1.47E-03	0.00E+00	-3.01E-04	1.96E-10	5.23E-09	7.81E-03	3.00E-01	0.00E+00	0.00E+00	9.31E-01	4.29E-03	1.99E+00	0.00E+00	1.51E-08	7.83E-09	4.35E-04	1.17E-07	1.62E-01	0.00E+00	1.99E+00	5.87E-07	1.99E+00	2.18E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
MY104	1.02E-03	2.05E-01	6.81E-03	1.94E-01	2.87E-12	0.00E+00	1.04E+00	1.86E-06	4.80E-04	1.62E-03	0.00E+00	-2.73E-04	2.06E-10	5.61E-09	6.67E-03	2.81E-01	0.00E+00	0.00E+00	7.91E-01	3.07E-03	1.43E+00	0.00E+00	1.16E-08	5.79E-09	4.43E-04	8.41E-08	1.42E-01	0.00E+00	1.43E+00	2.70E-07	1.43E+00	1.57E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MY104E	9.60E-04	1.46E-01	6.87E-03	1.39E-01	2.87E-12	0.00E+00	1.04E+00	2.61E-06	4.44E-04	1.47E-03	0.00E+00	-3.02E-04	1.95E-10	5.21E-09	7.81E-03	2.97E-01	0.00E+00	0.00E+00	9.35E-01	4.28E-03	1.99E+00	0.00E+00	1.51E-08	7.80E-09	4.34E-04	1.17E-07	1.61E-01	0.00E+00	1.99E+00	5.87E-07	1.99E+00	2.18E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MY106	7.77E-04	1.62E-01	5.44E-03	1.58E-01	2.87E-12	0.00E+00	8.84E-01	1.67E-06	3.39E-04	1.42E-03	0.00E+00	-8.70E-05	1.83E-10	4.25E-09	5.89E-03	2.32E-01	0.00E+00	0.00E+00	6.77E-01	1.04E-03	1.24E+00	0.00E+00	1.00E-08	4.84E-09	3.62E-04	4.34E-08	1.20E-01	0.00E+00	1.24E+00	6.37E-07	1.24E+00	1.36E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MY106E	8.90E-04	1.63E-01	4.61E-03	1.58E-01	2.87E-12	0.00E+00	8.97E-01	1.68E-06	4.28E-04	1.42E-03	0.00E+00	-7.81E-05	1.59E-10	5.35E-09	5.78E-03	2.44E-01	0.00E+00	0.00E+00	6.87E-01	1.02E-03	1.24E+00	0.00E+00	1.01E-08	5.07E-09	3.76E-04	4.26E-08	1.23E-01	0.00E+00	1.24E+00	2.41E-07	1.24E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MY106P	9.91E-04	1.66E-01	7.51E-03	1.54E-01	2.87E-12	0.00E+00	1.08E+00	2.59E-06	4.60E-04	1.54E-03	0.00E+00	-1.77E-04	2.21E-10	5.48E-09	7.81E-03	3.18E-01	0.00E+00	0.00E+00	9.49E-01	3.71E-03	1.99E+00	0.00E+00	1.53E-08	7.88E-09	4.49E-04	1.02E-07	1.66E-01	0.00E+00	1.99E+00	5.63E-07	1.99E+00	2.18E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MY110	7.46E-04	1.60E-01	5.44E-03	1.56E-01	2.87E-12	0.00E+00	9.04E-01	1.73E-06	3.30E-04	1.41E-03	0.00E+00	-3.96E-05	1.87E-10	4.08E-09	5.84E-03	2.27E-01	0.00E+00	0.00E+00	6.94E-01	9.86E-04	1.24E+00	0.00E+00	9.93E-09	4.75E-09	3.60E-04	3.98E-08	1.20E-01	0.00E+00	1.24E+00	2.93E-07	1.24E+00	1.36E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
MY110E	6.36E-04	1.40E-01	4.33E-03	1.35E-01	2.87E-12	0.00E+00	8.10E-01	1.69E-06	2.56E-04	1.23E-03	0.00E+00	-6.69E-05	1.49E-10	3.29E-09	5.43E-03	2.13E-01	0.00E+00	0.00E+00	6.46E-01	5.85E-04	1.25E+00	0.00E+00	9.85E-09	4.81E-09	3.21E-04	4.52E-08	1.12E-01	0.00E+00	1.25E+00	3.07E-07	1.25E+00	1.36E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MY110P	6.31E-04	1.40E-01	4.33E-03	1.35E-01	2.87E-12	0.00E+00	8.12E-01	1.69E-06	2.54E-04	1.23E-03	0.00E+00	-6.75E-05	1.48E-10	3.28E-09	5.44E-03	2.12E-01	0.00E+00	0.00E+00	6.45E-01	6.05E-04	1.24E+00	0.00E+00	9.83E-09	4.80E-09	3.22E-04	4.54E-08	1.13E-01	0.00E+00	1.24E+00	3.06E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MY113	8.59E-04	1.67E-01	5.53E-03	1.61E-01	2.87E-12	0.00E+00	9.23E-01	1.77E-06	4.00E-04	1.45E-03	0.00E+00	-2.72E-05	1.89E-10	4.81E-09	5.91E-03	2.45E-01	0.00E+00	0.00E+00	7.24E-01	9.88E-04	1.28E+00	0.00E+00	1.04E-08	5.10E-09	3.81E-04	3.98E-08	1.28E-01	0.00E+00	1.28E+00	2.59E-07	1.28E+00	1.41E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MY116	7.77E-04	1.58E-01	4.50E-03	1.54E-01	2.87E-12	0.00E+00	9.06E-01	1.74E-06	3.45E-04	1.39E-03	0.00E+00	-3.85E-05	1.63E-10	4.30E-09	5.74E-03	2.37E-01	0.00E+00	0.00E+00	7.01E-01	9.88E-04	1.25E+00	0.00E+00	9.96E-09	4.88E-09	3.65E-04	3.95E-08	1.21E-01	0.00E+00	1.25E+00	2.54E-07	1.25E+00	1.38E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MY116E	6.43E-04	1.40E-01	4.34E-03	1.35E-01	2.87E-12	0.00E+00	8.09E-01	1.69E-06	2.58E-04	1.23E-03	0.00E+00	-6.62E-05	1.50E-10	3.32E-09	5.43E-03	2.19E-01	0.00E+00	0.00E+00	6.46E-01	6.24E-04	1.24E+00	0.00E+00	9.85E-09	4.80E-09	3.24E-04	4.52E-08	1.12E-01	0.00E+00	1.24E+00	3.08E-07	1.24E+00	1.36E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MY116P	6.37E-04	1.40E-01	4.34E-03	1.35E-01	2.87E-12	0.00E+00	8.09E-01	1.69E-06	2.54E-04	1.23E-03	0.00E+00	-6.67E-05	1.50E-10	3.29E-09	5.43E-03	2.19E-01	0.00E+00	0.00E+00	6.46E-01	6.30E-04	1.24E+00	0.00E+00	9.83E-09	4.79E-09	3.24E-04	4.54E-08	1.13E-01	0.00E+00	1.24E+00	3.07E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MY120	8.76E-04	1.64E-01	4.82E-03	1.59E-01	2.87E-12	0.00E+00	9.46E-01	1.80E-06	4.16E-04	1.43E-03	0.00E+00	-2.37E-05	1.71E-10	5.05E-09	5.91E-03	2.49E-01	0.00E+00	0.00E+00	7.35E-01	1.05E-03	1.28E+00	0.00E+00	1.03E-08	5.12E-09	3.80E-04	3.94E-08	1.28E-01	0.00E+00	1.28E+00	2.58E-07	1.28E+00	1.41E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MY120E	9.50E-04	1.52E-01	5.77E-03	1.45E-01	2.87E-12	0.00E+00	9.34E-01	1.75E-06	4.41E-04	1.42E-03	0.00E+00	-6.47E-05	1.95E-10	5.46E-09	5.97E-03	2.73E-01	0.00E+00	0.00E+00	7.48E-01	6.36E-04	1.33E+00	0.00E+00	1.06E-08	5.49E-09	3.85E-04	4.91E-08	1.31E-01	0.00E+00	1.33E+00	6.29E-07	1.33E+00	1.46E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MY120P	6.33E-04	1.40E-01	4.32E-03	1.35E-01	2.87E-12	0.00E+00	8.12E-01	1.69E-06	2.54E-04	1.23E-03	0.00E+00	-6.57E-05	1.50E-10	3.28E-09	5.44E-03	2.15E-01	0.00E+00	0.00E+00	6.46E-01	6.01E-04	1.24E+00	0.00E+00	9.83E-09	4.81E-09	3.22E-04	4.53E-08	1.13E-01	0.00E+00	1.24E+00	3.06E-07	1.24E+00	1.36E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MY125	9.45E-04	1.69E-01	5.12E-03	1.63E-01	2.87E-12	0.00E+00	9.97E-01	1.89E-06	4.65E-04	1.48E-03	0.00E+00	-6.03E-05	1.82E-10	5.62E-09	6.18E-03	2.71E-01	0.00E+00	0.00E+00	7.86E-01	1.09E-03	1.33E+00	0.00E+00	1.07E-08	5.39E-09	4.05E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.52E-07	1.33E+00	1.47E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MY125E	9.53E-04	1.37E-01	6.43E-03	1.31E-01	2.87E-12	0.00E+00	1.04E+00	2.46E-06	4.50E-04	1.39E-03	0.00E+00	-1.70E-04	1.89E-10	5.74E-09	7.50E-03	3.07E-01	0.00E+00	0.00E+00	9.09E-01	3.26E-03	1.89E+00	0.00E+00	1.49E-08	7.49E-09	4.19E-04	9.48E-08	1.55E-01	0.00E+00	1.89E+00	5.71E-07	1.89E+00	2.07E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MY125P	9.61E-04	1.37E-01	6.50E-03	1.31E-01	2.87E-12	0.00E+00	1.05E+00	2.46E-06	4.53E-04	1.38E-03	0.00E+00	-1.71E-04	1.90E-10	5.80E-09	7.50E-03	3.10E-01	0.00E+00	0.00E+00	9.09E-01	3.27E-03	1.89E+00	0.00E+00	1.48E-08	7.49E-09	4.20E-04	9.48E-08	1.55E-01	0.00E+00	1.89E+00	5.71E-07	1.89E+00	2.07E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MY132	1.54E-03	1.99E-01	6.75E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.04E-04	1.76E-03	0.00E+00	-7.64E-05	2.21E-10	9.70E-09	6.76E-03	3.47E-01	0.00E+00	0.00E+00	8.87E-01	1.08E-03	1.50E+00	0.00E+00	1.23E-08	6.57E-09	4.92E-04	3.98E-08	1.58E-01	0.00E+00	1.50E+00	2.30E-07	1.50E+00	1.67E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MY132E	1.39E-03	1.54E-01	7.52E-03	1.40E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.31E-04	1.51E-03	0.00E+00	-1.67E-04	2.02E-10	8.12E-09	7.79E-03	3.58E-01	0.00E+00	0.00E+00	9.96E-01	3.68E-03	1.99E+00	0.00E+00	1.52E-08	7.94E-09	4.57E-04	1.03E-07	1.71E-01	0.00E+00	1.99E+00	5.72E-07	1.99E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
MY132P	1.39E-03	1.66E-01	7.50E-03	1.51E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.26E-04	1.54E-03	0.00E+00	-1.68E-04	2.03E-10	8.14E-09	7.79E-03	3.51E-01	0.00E+00	0.00E+00	9.96E-01	3.68E-03	1.98E+00	0.00E+00	1.52E-08	7.95E-09	4.57E-04	1.02E-07	1.71E-01	0.00E+00	1.98E+00	5.72E-07	1.98E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MY140	1.57E-03	1.99E-01	6.07E-03	1.94E-01	2.87E-12	0.00E+00	1.09E+00	1.92E-06	9.14E-04	1.76E-03	0.00E+00	-7.64E-05	2.09E-10	9.86E-09	6.72E-03	3.52E-01	0.00E+00	0.00E+00	8.89E-01	1.03E-03	1.50E+00	0.00E+00	1.22E-08	6.60E-09	4.94E-04	3.96E-08	1.59E-01	0.00E+00	1.50E+00	2.26E-07	1.50E+00	1.66E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01

MY140E	1.43E-03	1.58E-01	7.43E-03	1.46E-01	2.87E-12	0.00E+00	1.11E+00	2.57E-06	7.28E-04	1.51E-03	0.00E+00	-1.68E-04	2.03E-10	8.31E-09	7.80E-03	3.59E-01	0.00E+00	0.00E+00	9.97E-01	3.54E-03	1.99E+00	0.00E+00	1.52E-08	7.94E-09	4.58E-04	9.64E-08	1.71E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
MY140P	1.43E-03	1.37E-01	6.79E-03	1.31E-01	2.87E-12	0.00E+00	1.01E+00	2.03E-06	7.71E-04	1.39E-03	0.00E+00	-1.48E-04	1.86E-10	8.79E-09	6.34E-03	3.17E-01	0.00E+00	0.00E+00	8.32E-01	3.18E-03	1.48E+00	0.00E+00	1.14E-08	5.93E-09	4.29E-04	8.80E-08	1.46E-01	0.00E+00	1.48E+00	5.36E-07	1.48E+00	1.61E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
MY150	1.73E-03	2.02E-01	6.76E-03	1.97E-01	2.87E-12	0.00E+00	1.17E+00	2.18E-06	9.50E-04	1.79E-03	0.00E+00	-1.02E-04	2.23E-10	1.11E-08	7.38E-03	3.94E-01	0.00E+00	0.00E+00	9.97E-01	1.45E-03	1.62E+00	0.00E+00	1.32E-08	7.02E-09	5.15E-04	4.70E-08	1.77E-01	0.00E+00	1.62E+00	2.31E-07	1.62E+00	1.80E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	3.69E+01
MY150E	1.62E-03	1.66E-01	7.72E-03	1.55E-01	2.87E-12	0.00E+00	1.19E+00	2.66E-06	8.12E-04	1.59E-03	0.00E+00	-3.25E-04	2.30E-10	9.45E-09	7.92E-03	4.02E-01	0.00E+00	0.00E+00	1.06E+00	4.41E-03	2.03E+00	0.00E+00	1.56E-08	8.09E-09	5.27E-04	1.02E-07	1.88E-01	0.00E+00	2.03E+00	5.81E-07	2.03E+00	2.22E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.89E+01
MY163	1.86E-03	2.08E-01	7.44E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	1.39E-03	1.87E-03	0.00E+00	-1.05E-04	2.47E-10	1.30E-08	7.41E-03	3.95E-01	0.00E+00	0.00E+00	1.00E+00	1.46E-03	1.64E+00	0.00E+00	1.34E-08	7.26E-09	5.31E-04	4.75E-08	1.81E-01	0.00E+00	1.64E+00	2.36E-07	1.64E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.68E+01
MY163E	1.82E-03	1.63E-01	7.90E-03	1.54E-01	2.87E-12	0.00E+00	1.20E+00	2.66E-06	9.78E-04	1.56E-03	0.00E+00	-3.58E-04	2.34E-10	1.08E-08	7.95E-03	4.03E-01	0.00E+00	0.00E+00	1.06E+00	4.82E-03	2.03E+00	0.00E+00	1.56E-08	8.06E-09	5.28E-04	1.14E-07	1.87E-01	0.00E+00	2.03E+00	5.78E-07	2.03E+00	2.21E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
MY201	2.30E-03	3.95E-01	1.20E-02	3.75E-01	2.87E-12	0.00E+00	2.07E+00	3.83E-06	5.74E-04	3.37E-03	0.00E+00	-3.03E-04	4.01E-10	1.00E-08	1.36E-02	5.45E-01	0.00E+00	0.00E+00	1.65E+00	2.74E-03	2.94E+00	0.00E+00	2.41E-08	1.23E-08	8.83E-04	1.33E-07	2.92E-01	0.00E+00	2.94E+00	5.73E-07	2.94E+00	3.29E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.76E+01
MY201E	2.57E-03	3.04E-01	1.17E-02	2.87E-01	2.87E-12	0.00E+00	2.20E+00	3.99E-06	5.69E-04	2.88E-03	0.00E+00	-3.00E-04	3.61E-10	1.25E-08	1.36E-02	6.23E-01	0.00E+00	0.00E+00	1.74E+00	3.41E-03	3.21E+00	0.00E+00	2.58E-08	1.36E-08	9.06E-04	1.09E-07	3.30E-01	0.00E+00	3.21E+00	4.66E-07	3.21E+00	3.52E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
MY202	2.52E-03	3.88E-01	1.19E-02	3.65E-01	2.87E-12	0.00E+00	2.23E+00	4.12E-06	5.56E-04	3.57E-03	0.00E+00	-3.42E-04	3.71E-10	1.24E-08	1.41E-02	6.44E-01	0.00E+00	0.00E+00	1.77E+00	3.69E-03	3.22E+00	0.00E+00	2.64E-08	1.37E-08	9.33E-04	1.10E-07	3.32E-01	0.00E+00	3.22E+00	6.81E-07	3.22E+00	3.54E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
MY202E	2.50E-03	3.64E-01	1.22E-02	3.44E-01	2.87E-12	0.00E+00	2.25E+00	4.89E-06	5.54E-04	3.26E-03	0.00E+00	-3.57E-04	4.01E-10	1.08E-08	1.53E-02	6.51E-01	0.00E+00	0.00E+00	1.79E+00	4.44E-03	3.75E+00	0.00E+00	2.94E-08	1.43E-08	9.32E-04	1.46E-07	3.35E-01	0.00E+00	3.75E+00	1.12E-06	3.75E+00	4.08E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
MY203	2.52E-03	3.88E-01	1.19E-02	3.65E-01	2.87E-12	0.00E+00	2.23E+00	4.12E-06	8.61E-04	3.57E-03	0.00E+00	-3.46E-04	3.72E-10	1.38E-08	1.41E-02	6.45E-01	0.00E+00	0.00E+00	1.78E+00	3.69E-03	3.22E+00	0.00E+00	2.64E-08	1.38E-08	9.34E-04	1.09E-07	3.33E-01	0.00E+00	3.22E+00	6.83E-07	3.22E+00	3.54E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
MY203E	2.50E-03	3.62E-01	1.23E-02	3.42E-01	2.87E-12	0.00E+00	2.24E+00	4.88E-06	7.94E-04	3.25E-03	0.00E+00	-3.36E-04	4.00E-10	1.14E-08	1.53E-02	6.44E-01	0.00E+00	0.00E+00	1.80E+00	4.40E-03	3.75E+00	0.00E+00	2.94E-08	1.44E-08	9.27E-04	1.44E-07	3.37E-01	0.00E+00	3.75E+00	1.12E-06	3.75E+00	4.08E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
MY204	2.52E-03	3.88E-01	1.19E-02	3.65E-01	2.87E-12	0.00E+00	2.23E+00	4.12E-06	8.61E-04	3.57E-03	0.00E+00	-3.46E-04	3.71E-10	1.38E-08	1.41E-02	6.44E-01	0.00E+00	0.00E+00	1.78E+00	3.69E-03	3.22E+00	0.00E+00	2.64E-08	1.37E-08	9.33E-04	1.10E-07	3.33E-01	0.00E+00	3.22E+00	6.83E-07	3.22E+00	3.54E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
MY204E	2.46E-03	2.82E-01	1.13E-02	2.68E-01	2.87E-12	0.00E+00	2.21E+00	4.80E-06	8.31E-04	2.78E-03	0.00E+00	-3.01E-04	3.52E-10	1.22E-08	1.45E-02	6.14E-01	0.00E+00	0.00E+00	1.72E+00	4.26E-03	3.69E+00	0.00E+00	2.85E-08	1.40E-08	8.88E-04	1.43E-07	3.26E-01	0.00E+00	3.69E+00	5.61E-07	3.69E+00	4.06E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.08E+01
MY206	1.35E-03	3.20E-01	9.12E-03	3.09E-01	2.87E-12	0.00E+00	1.77E+00	3.50E-06	5.40E-04	2.78E-03	0.00E+00	-1.57E-04	3.24E-10	7.34E-09	1.18E-02	4.95E-01	0.00E+00	0.00E+00	1.36E+00	2.23E-03	2.56E+00	0.00E+00	2.05E-08	9.62E-09	7.33E-04	7.31E-08	2.40E-01	0.00E+00	2.56E+00	6.29E-07	2.56E+00	2.81E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MY206E	1.26E-03	3.09E-01	9.26E-03	2.96E-01	2.87E-12	0.00E+00	1.77E+00	3.66E-06	4.98E-04	2.75E-03	0.00E+00	-1.10E-04	3.24E-10	6.85E-09	1.19E-02	5.01E-01	0.00E+00	0.00E+00	1.36E+00	1.46E-03	2.75E+00	0.00E+00	2.13E-08	1.01E-08	7.50E-04	6.80E-08	2.40E-01	0.00E+00	2.75E+00	6.45E-07	2.75E+00	2.98E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MY206P	2.60E-03	3.66E-01	1.22E-02	3.50E-01	2.87E-12	0.00E+00	2.23E+00	4.80E-06	5.60E-04	3.26E-03	0.00E+00	-2.14E-04	3.99E-10	1.11E-08	1.49E-02	6.49E-01	0.00E+00	0.00E+00	1.81E+00	3.99E-03	3.69E+00	0.00E+00	2.91E-08	1.43E-08	9.68E-04	1.18E-07	3.37E-01	0.00E+00	3.69E+00	1.42E-06	3.69E+00	4.04E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MY210	1.39E-03	3.12E-01	8.66E-03	3.00E-01	2.87E-12	0.00E+00	1.76E+00	3.49E-06	6.23E-04	2.68E-03	0.00E+00	-1.51E-04	3.18E-10	7.56E-09	1.17E-02	4.82E-01	0.00E+00	0.00E+00	1.40E+00	2.20E-03	2.55E+00	0.00E+00	2.04E-08	9.81E-09	7.06E-04	7.04E-08	2.43E-01	0.00E+00	2.55E+00	7.47E-07	2.55E+00	2.79E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MY210E	1.46E-03	2.70E-01	8.68E-03	2.52E-01	0.00E+00	0.00E+00	1.68E+00	3.37E-06	8.23E-04	2.57E-03	0.00E+00	-1.80E-04	3.27E-10	9.24E-09	1.10E-02	4.65E-01	0.00E+00	0.00E+00	1.35E+00	2.42E-03	2.61E+00	0.00E+00	2.01E-08	9.49E-09	6.78E-04	7.10E-08	2.37E-01	0.00E+00	2.61E+00	4.27E-07	2.61E+00	2.82E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MY210P	1.57E-03	2.97E-01	8.09E-03	2.85E-01	2.87E-12	0.00E+00	1.71E+00	3.35E-06	5.29E-04	2.61E-03	0.00E+00	-6.46E-05	2.96E-10	7.23E-09	1.17E-02	4.71E-01	0.00E+00	0.00E+00	1.37E+00	1.11E-03	2.54E+00	0.00E+00	2.01E-08	1.03E-08	6.88E-04	5.24E-08	2.42E-01	0.00E+00	2.54E+00	4.30E-07	2.54E+00	2.80E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
MY213	1.50E-03	3.24E-01	9.40E-03	3.14E-01	2.87E-12	0.00E+00	1.84E+00	3.56E-06	7.04E-04	2.81E-03	0.00E+00	-1.58E-04	3.37E-10	8.16E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.44E+00	2.21E-03	2.60E+00	0.00E+00	2.06E-08	1.00E-08	7.34E-04	8.23E-08	2.50E-01	0.00E+00	2.60E+00	6.39E-07	2.60E+00	2.84E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+01
MY216	1.49E-03	3.19E-01	8.77E-03	3.09E-01	2.87E-12	0.00E+00	1.80E+00	3.52E-06	6.74E-04	2.77E-03	0.00E+00	-1.50E-04	3.24E-10	8.08E-09	1.18E-02	4.93E-01	0.00E+00	0.00E+00	1.40E+00	2.18E-03	2.57E+00	0.00E+00	2.05E-08	9.94E-09	7.28E-04	6.99E-08	2.45E-01	0.00E+00	2.57E+00	6.32E-07	2.57E+00	2.81E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MY216E	1.64E-03	2.70E-01	1.00E-02	2.52E-01	0.00E+00	0.00E+00	1.75E+00	3.43E-06	8.98E-04	2.60E-03	0.00E+00	-1.94E-04	3.28E-10	1.01E-08	1.12E-02	5.05E-01	0.00E+00	0.00E+00	1.39E+00	2.64E-03	2.66E+00	0.00E+00	2.05E-08	1.01E-08	7.86E-04	7.81E-08	2.48E-01	0.00E+00	2.66E+00	4.23E-07	2.66E+00	2.86E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MY216P	1.35E-03	2.30E-01	7.86E-03	2.18E-01	2.87E-12	0.00E+00	1.68E+00	3.75E-06	5.61E-04	2.12E-03	0.00E+00	-8.21E-05	3.05E-10	7.25E-09	1.19E-02	4.61E-01	0.00E+00	0.00E+00	1.39E+00	1.09E-03	2.81E+00	0.00E+00	2.15E-08	1.05E-08	6.15E-04	5.25E-08	2.43E-01	0.00E+00	2.81E+00	8.06E-07	2.81E+00	3.05E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MY220	1.57E-03	3.24E-01	9.57E-03	3.15E-01	2.87E-12	0.00E+00	1.86E+00	3.57E-06	7.27E-04	2.81E-03	0.00E+00	-1.57E-04	3.39E-10	8.69E-09	1.21E-02	5.05E-01	0.00E+00	0.00E+00	1.48E+00	2.20E-03	2.60E+00	0.00E+00	2.06E-08	1.01E-08	7.42E-04	9.54E-08	2.60E-01	0.00E+00	2.60E+00	6.43E-07	2.60E+00	2.85E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.33E+01
MY220E	1.49E-03	3.05E-01	1.14E-02	2.94E-01	2.87E-12	0.00E+00	1.81E+00	3.61E-06	6.58E-04	2.76E-03	0.00E+00	-2.01E-04	3.33E-10	8.36E-09	1.20E-02	5.36E-01	0.00E+00	0.00E+00	1.44E+00	3.96E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.50E-04	1.26E-07	2.46E-01	0.00E+00	2.61E+00	6.39E-07	2.61E+00	2.85E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
MY220P	1.49E-03	3.05E-01	1.14E-02	2.95E-01	2.87E-12	0.00E+00	1.85E+00	3.66E-06	6.62E-04	2.82E-03	0.00E+00	-2.07E-04	3.37E-10	8.62E-09	1.22E-02	5.90E-01	0.00E+00	0.00E+00	1.46E+00	3.82E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.64E-04	1.13E-07	2.46E-01	0.00E+00	2.61E+00	6.90E-07	2.61E+00	2.85E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
MY225	1.92E-03	3.25E-01	9.15E-03	3.16E-01	2.87E-12	0.00E+00	1.88E+00	3.55E-06	9.98E-04	2.83E-03	0.00E+00	-1.45E-04	3.21E-10	1.16E-08	1.20E-02	5.24E-01	0.00E+00	0.00E+00	1.51E+00	2.05E-03	2.58E+00	0.00E+00	2.05E-08	1.03E-08	7.64E-04	9.48E-08	2.66E-01	0.00E+00	2.58E+00	4.58E-07	2.58E+00	2.84E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MY225E	2.61E-03	3.61E-01	1.21E-02	3.44E-01	2.87E-12	0.00E+00	2.21E+00	4.87E-06	1.14E-03	3.27E-03	0.00E+00	-2.04E-04	3.92E-10	1.33E-08	1.49E-02	6.07E-01	0.00E+00	0.00E+00	1.85E+00	3.62E-03	3.78E+00	0.00E+00	2.97E-08	1.45E-08	9.23E-04	1.19E-07	3.38E-01	0.00E+00	3.78E+00	1.15E-06	3.78E+00	4.09E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MY225P	2.68E-03	3.77E-01	1.24E-02	3.60E-01	2.87E-12	0.00E+00	2.24E+00	4.88E-06	1.14E-03	3.36E-03	0.00E+00	-2.73E-04	4.31E-10	1.35E-08	1.51E-02	6.69E-01	0.00E+00	0.00E+00	1.88E+00	3.51E-03	3.81E+00	0.00E+00	2.98E-08	1.46E-08	9.91E-04	1.09E-07	3.43E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.10E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MY225V	1.95E-03	3.33E-01	9.35E-03	3.23E-01	2.87E-12	0.00E+00	1.94E+00	3.67E-06	9.97E-04	2.91E-03	0.00E+00	-1.45E-04	3.34E-10	1.16E-08	1.23E-02	5.36E-01	0.00E+00	0.00E+00	1.55E+00	2.14E-03	2.64E+00	0.00E+00	2.10E-08	1.07E-08	7.89E-04	7.95E-08	2.72E-01	0.00E+00	2.64E+00	4.57E-07	2.64E+00	2.91E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	5.53E+01
MY232	3.08E-03	3.85E-01	1.24E-02	3.66E-01	2.87E-12	0.00E+00	2.34E+00	4.27E-06	1.59E-03	3.56E-03	0.00E+00	-2.74E-04	3.77E-10	1.85E-08	1.42E-02	7.60E-01	0.00E+00	0.00E+00	1.93E+00	3.27E-03	3.23E+00	0.00E+00	2.62E-08	1.41E-08	9.50E-04	1.05E-07	3.46E-01	0.00E+00	3.23E+00	5.62E-07	3.23E+00	3.56E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.09E+01
MY232E	2.87E-03	3.63E-01	1.23E-02	3.43E-01	2.87E-12	0.00E+00	2.22E+00	4.87E-06	1.27E-03	3.24E-03	0.00E+00	-2.14E-04	3.93E-10	1.52E-08	1.54E-02	7.23E-01	0.00E+00	0.00E+00	1.95E+00	3.72E-03	3.80E+00	0.00E+00	2.97E-08	1.46E-08	9.21E-04	1.17E-07	3.43E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.10E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MY232P	2.89E-03	3.62E-01	1.20E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.85E-06	1.27E-03	3.26E-03	0.00E+00	-2.05E-04	3.94E-10	1.56E-08	1.49E-02	7.36E-01	0.00E+00	0.00E+00	1.95E+00	3.41E-03	3.79E+00	0.00E+00	2.97E-08	1.46E-08	9.70E-04	1.07E-07	3.44E-01	0.00E+00	3.79E+00	1.49E-06	3.79E+00	4.08E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.17E+01
MY232V	3.15E-03	3.93E-01	1.19E-02	3.79E-01	2.87E-12	0.00E+00	2.14E+00	3.88E-06	1.79E-03	3.48E-03	0.00E+00	-1.57E-04	4.07E-10	1.99E-08	1.34E-02	7.08E-01	0.00E+00	0.00E+00	1.83E+00	2.08E-03	2.99E+00	0.00E+00	2.43E-08	1.32E-08	9.83E-04	8.09E-08	3.24E-01	0.00E+00	2.99E+00	4.59E-07	2.99E+00	3.31E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
MY240	3.63E-03	3.81E-01	1.30E-02	3.64E-01	2.87E-12	0.00E+00	2.31E+00	4.22E-06	1.98E-03	3.47E-03	0.00E+00	-2.75E-04	3.79E-10	2.40E-08	1.41E-02	7.79E-01	0.00E+00	0.00E+00	1.91E+00	3.77E-03	3.19E+00	0.00E+00	2.58E-08	1.47E-08	9.81E-04	1.22E-07	3.46E-01	0.00E+00	3.19E+00	5.61E-07	3.19E+00	3.50E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
MY240E	3.06E-03	3.63E-01	1.29E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.49E-03	3.25E-03	0.00E+00	-2.66E-04	3.96E-10	1.79E-08	1.53E-02	7.41E-01	0.00E+00	0.00E+00	1.95E+00	4.13E-03	3.80E+00	0.00E+00	2.98E-08	1.52E-08	9.24E-04	1.21E-07	3.44E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.12E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MY240P	3.06E-03	3.63E-01	1.29E-02	3.44E-01	2.87E-12	0.00E+00	2.22E+00	4.86E-06	1.48E-03	3.26E-03	0.00E+00	-2.58E-04	3.98E-10	1.80E-08	1.49E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.87E-03	3.81E+00	0.00E+00	2.98E-08	1.52E-08	9.79E-04	1.21E-07	3.46E-01	0.00E+00	3.81E+00	1.42E-06	3.81E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MY250	3.45E-03	4.09E-01	1.36E-02	3.92E-01	2.87E-12	0.00E+00	2.29E+00	4.14E-06	1.81E-03	3.62E-03	0.00E+00	-2.19E-04	4.56E-10	2.10E-08	1.43E-02	7.75E-01	0.00E+00	0.00E+00	1.94E+00	2.93E-03	3.09E+00	0.00E+00	2.52E-08	1.34E-08	1.00E-03	1.05E-07	3.34E-01	0.00E+00	3.09E+00	5.74E-07	3.09E+00	3.41E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	7.10E+01
MY250E	3.06E-03	3.29E-01	1.47E-02	3.11E-01	2.87E-12	0.00E+00	2.34E+00	4.96E-06	1.37E-03	3.15E-03	0.00E+00	-4.48E-04	4.41E-10	1.70E-08	1.56E-02	7.71E-01	0.00E+00	0.00E+00	2.01E+00	5.38E-03	3.85E+00	0.00E+00	2.99E-08	1.49E-08	9.46E-04	1.78E-07	3.56E-01	0.00E+00	3.85E+00	1.14E-06	3.85E+00	4.17E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
MY263	4.65E-03	4.07E-01	1.44E-02	3.92E-01	2.87E-12	0.00E+00	2.29E+00	4.16E-06	2.75E-03	3.61E-03	0.00E+00	-2.31E-04	4.63E-10	3.14E-08	1.43E-02	8.11E-01	0.00E+00	0.00E+00	1.98E+00	3.14E-03	3.10E+00	0.00E+00	2.53E-08	1.35E-08	1.00E-03	1.22E-07	3.38E-01	0.00E+00	3.10E+00	5.62E-07	3.10E+00	3.41E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MY263E	4.16E-03	3.22E-01	1.55E-02	3.04E-01	2.87E-12	0.00E+00	2.34E+00	5.04E-06	2.21E-03	3.13E-03	0.00E+00	-5.01E-04	4.42E-10	2.59E-08	1.57E-02	8.04E-01	0.00E+00	0.00E+00	2.09E+00	6.43E-03	3.89E+00	0.00E+00	3.02E-08	1.59E-08	9.47E-04	2.03E-07	3.70E-01	0.00E+00	3.89E+00	1.14E-06	3.89E+00	4.23E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
MY301	3.23E-03	5.83E-01	1.64E-02	5.61E-01	2.87E-12	0.00E+00	3.08E+00	5.61E-06	9.37E-04	5.09E-03	0.00E+00	-2.83E-04	5.78E-10	1.35E-08	1.99E-02	8.51E-01	0.00E+00	0.00E+00	2.38E+00	3.70E-03	4.24E+00	0.00E+00	3.45E-08	1.72E-08	1.33E-03	1.38E-07	4.20E-01	0.00E+00	4.24E+00	7.56E-07	4.24E+00	4.66E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
MY301E	3.04E-03	5.59E-01	1.80E-02	5.39E-01	2.87E-12	0.00E+00	3.10E+00	6.06E-06	8.49E-04	4.81E-03	0.00E+00	-4.80E-04	5.73E-10	1.44E-08	1.96E-02	8.48E-01	0.00E+00	0.00E+00	2.54E+00	4.73E-03	4.23E+00	0.00E+00	3.60E-08	1.89E-08	1.36E-03	1.78E-07	4.61E-01	0.00E+00	4.23E+00	1.13E-06	4.23E+00	4.62E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MY302	3.07E-03	5.55E-01	1.81E-02	5.39E-01	2.87E-12	0.00E+00	3.33E+00	6.27E-06	1.06E-03	4.81E-03	0.00E+00	-5.04E-04	5.89E-10	1.53E-08	2.11E-02	8.47E-01	0.00E+00	0.00E+00	2.53E+00	4.71E-03	4.25E+00	0.00E+00	3.59E-08	1.91E-08	1.36E-03	1.83E-07	4.61E-01	0.00E+00	4.25E+00	1.12E-06	4.25E+00	4.66E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.23E+01
MY303	3.07E-03	5.55E-01	1.81E-02	5.39E-01	2.87E-12	0.00E+00	3.34E+00	6.27E-06	1.19E-03	4.81E-03	0.00E+00	-5.04E-04	5.92E-10	1.60E-08	2.11E-02	8.48E-01	0.00E+00	0.00E+00	2.54E+00	4.66E-03	4.25E+00	0.00E+00	3.60E-08	1.91E-08	1.36E-03	1.81E-07	4.63E-01	0.00E+00	4.25E+00	1.12E-06	4.25E+00	4.66E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.27E+01
MY304	3.07E-03	5.55E-01	1.81E-02	5.39E-01	2.87E-12	0.00E+00	3.34E+00	6.27E-06	1.19E-03	4.81E-03	0.00E+00	-5.04E-04	5.91E-10	1.61E-08	2.11E-02	8.48E-01	0.00E+00	0.00E+00	2.54E+00	4.66E-03	4.25E+00	0.00E+00	3.60E-08	1.91E-08	1.36E-03	1.81E-07	4.63E-01	0.00E+00	4.25E+00	1.12E-06	4.25E+00	4.66E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MY306	2.17E-03	4.73E-01	1.37E-02	4.60E-01	2.87E-12	0.00E+00	2.63E+00	4.94E-06	8.72E-04	4.20E-03	0.00E+00	-2.49E-04	4.67E-10	1.09E-08	1.73E-02	6.70E-01	0.00E+00	0.00E+00	1.95E+00	3.21E-03	3.61E+00	0.00E+00	2.90E-08	1.40E-08	1.09E-03	1.12E-07	3.49E-01	0.00E+00	3.61E+00	7.16E-07	3.61E+00	3.97E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
MY306E	2.01E-03	4.44E-01	1.48E-02	4.27E-01	2.87E-12	0.00E+00	2.72E+00	5.15E-06	8.73E-04	4.11E-03	0.00E+00	-2.31E-04	4.78E-10	1.06E-08	1.77E-02	6.41E-01	0.00E+00	0.00E+00	1.89E+00	2.24E-03	3.66E+00	0.00E+00	2.95E-08	1.28E-08	1.05E-03	1.12E-07	3.33E-01	0.00E+00	3.66E+00	7.14E-07	3.66E+00	4.00E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MY306P	2.99E-03	4.65E-01	1.81E-02	4.37E-01	2.87E-12	0.00E+00	2.87E+00	7.00E-06	1.02E-03	4.28E-03	0.00E+00	-4.45E-04	5.67E-10	1.38E-08	2.20E-02	8.69E-01	0.00E+00	0.00E+00	2.44E+00	6.60E-03	5.60E+00	0.00E+00	4.25E-08	1.96E-08	1.28E-03	1.82E-07	4.38E-01	0.00E+00	5.60E+00	1.63E-06	5.60E+00	6.00E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	8.91E+01
MY310	2.24E-03	4.78E-01	1.35E-02	4.65E-01	2.87E-12	0.00E+00	2.70E+00	5.08E-06	1.04E-03	4.24E-03	0.00E+00	-2.22E-04	4.79E-10	1.20E-08	1.77E-02	6.71E-01	0.00E+00	0.00E+00	1.99E+00	2.93E-03	3.72E+00	0.00E+00	2.98E-08	1.44E-08	1.09E-03	1.02E-07	3.61E-01	0.00E+00	3.72E+00	7.34E-07	3.72E+00	4.09E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MY310E	1.98E-03	4.41E-01	1.39E-02	4.24E-01	2.87E-12	0.00E+00	2.62E+00	5.11E-06	9.22E-04	4.06E-03	0.00E+00	-2.19E-04	4.70E-10	1.09E-08	1.76E-02	6.36E-01	0.00E+00	0.00E+00	1.82E+00	2.15E-03	3.64E+00	0.00E+00	2.88E-08	1.26E-08	9.72E-04	1.03E-07	3.23E-01	0.00E+00	3.64E+00	7.18E-07	3.64E+00	3.92E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.45E+01
MY310P	1.99E-03	4.39E-01	2.43E-02	4.23E-01	2.87E-12	0.00E+00	2.63E+00	5.10E-06	8.40E-04	3.99E-03	0.00E+00	-2.02E-04	4.37E-10	1.05E-08	1.75E-02	6.18E-01	0.00E+00	0.00E+00	1.80E+00	1.87E-03	3.62E+00	0.00E+00	2.87E-08	1.25E-08	9.71E-04	9.85E-08	3.21E-01	0.00E+00	3.62E+00	3.32E-07	3.62E+00	3.92E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MY313	2.33E-03	4.89E-01	1.32E-02	4.75E-01	2.87E-12	0.00E+00	2.77E+00	5.12E-06	1.08E-03	4.25E-03	0.00E+00	-2.23E-04	4.85E-10	1.23E-08	1.79E-02	6.82E-01	0.00E+00	0.00E+00	2.03E+00	2.96E-03	3.76E+00	0.00E+00	3.03E-08	1.46E-08	1.13E-03	1.14E-07	3.69E-01	0.00E+00	3.76E+00	7.41E-07	3.76E+00	4.13E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.16E+01
MY316	2.44E-03	4.94E-01	1.39E-02	4.79E-01	2.87E-12	0.00E+00	2.77E+00	5.14E-06	1.10E-03	4.27E-03	0.00E+00	-2.25E-04	4.95E-10	1.32E-08	1.80E-02	7.38E-01	0.00E+00	0.00E+00	2.09E+00	2.97E-03	3.77E+00	0.00E+00	3.03E-08	1.47E-08	1.12E-03	1.18E-07	3.73E-01	0.00E+00	3.77E+00	7.49E-07	3.77E+00	4.15E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MY316E	2.44E-03	4.42E-01	1.46E-02	4.25E-01	2.87E-12	0.00E+00	2.68E+00	5.15E-06	1.07E-03	4.12E-03	0.00E+00	-2.23E-04	4.83E-10	1.36E-08	1.77E-02	7.10E-01	0.00E+00	0.00E+00	1.93E+00	2.20E-03	3.66E+00	0.00E+00	2.95E-08	1.29E-08	9.91E-04	1.10E-07	3.34E-01	0.00E+00	3.66E+00	7.27E-07	3.66E+00	4.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
MY316P	1.97E-03	4.21E-01	1.18E-02	4.09E-01	2.87E-12	0.00E+00	2.22E+00	4.14E-06	8.74E-04	3.70E-03	0.00E+00	-1.97E-04	4.12E-10	1.07E-08	1.45E-02	6.20E-01	0.00E+00	0.00E+00	1.72E+00	1.84E-03	3.15E+00	0.00E+00	2.55E-08	1.25E-08	9.42E-04	9.95E-08	3.05E-01	0.00E+00	3.15E+00	6.81E-07	3.15E+00	3.47E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
MY320	2.57E-03	4.92E-01	1.41E-02	4.78E-01	2.87E-12	0.00E+00	2.79E+00	5.25E-06	1.19E-03	4.28E-03	0.00E+00	-2.26E-04	5.08E-10	1.43E-08	1.81E-02	7.48E-01	0.00E+00	0.00E+00	2.15E+00	2.99E-03	3.79E+00	0.00E+00	3.04E-08	1.50E-08	1.13E-03	1.15E-07	3.81E-01	0.00E+00	3.79E+00	7.39E-07	3.79E+00	4.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.70E+01
MY320E	2.76E-03	4.52E-01	1.53E-02	4.32E-01	2.87E-12	0.00E+00	2.94E+00	5.99E-06	1.26E-03	4.13E-03	0.00E+00	-4.01E-04	5.01E-10	1.56E-08	1.99E-02	7.62E-01	0.00E+00	0.00E+00	2.38E+00	5.65E-03	4.58E+00	0.00E+00	3.61E-08	1.89E-08	1.13E-03	1.74E-07	4.25E-01	0.00E+00	4.58E+00	8.02E-07	4.58E+00	5.14E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
MY320P	2.74E-03	4.53E-01	1.54E-02	4.55E-01	2.87E-12	0.00E+00	2.78E+00	5.32E-06	1.24E-03	4.18E-03	0.00E+00	-4.10E-04	4.94E-10	1.56E-08	1.89E-02	7.49E-01	0.00E+00	0.00E+00	2.13E+00	5.75E-03	3.92E+00	0.00E+00	3.14E-08	1.56E-08	1.13E-03	1.76E-07	3.80E-01	0.00E+00	3.92E+00	8.47E-07	3.92E+00	4.30E+00	3.80E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
MY325	2.91E-03	5.02E-01	2.60E-02	4.89E-01	2.87E-12	0.00E+00	2.96E+00	5.58E-06	1.53E-03	4.39E-03	0.00E+00	-2.23E-04	5.40E-10	1.74E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.94E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.19E-03	1.11E-07	4.13E-01	0.00E+00	4.01E+00	3.65E-07	4.01E+00	4.41E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
MY325E	3.29E-03	4.67E-01	1.76E-02	4.40E-01	2.87E-12	0.00E+00	3.04E+00	7.14E-06	1.51E-03	4.28E-03	0.00E+00	-4.23E-04	5.85E-10	1.83E-08	2.29E-02	9.42E-01	0.00E+00	0.00E+00	2.67E+00	6.16E-03	5.63E+00	0.00E+00	4.30E-08	2.12E-08	1.30E-03	1.77E-07	4.72E-01	0.00E+00	5.63E+00	1.69E-06	5.63E+00	6.03E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.82E+01
MY325P	3.30E-03	4.54E-01	1.76E-02	4.36E-01	2.87E-12	0.00E+00	3.02E+00	7.21E-06	1.48E-03	4.25E-03	0.00E+00	-4.39E-04	5.89E-10	1.84E-08	2.29E-02	9.49E-01	0.00E+00	0.00E+00	2.66E+00	6.46E-03	5.66E+00	0.00E+00	4.31E-08	2.12E-08	1.30E-03	1.79E-07	4.71E-01	0.00E+00	5.66E+00	1.71E-06	5.66E+00	6.07E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
MY332	5.30E-03	5.66E-01	2.11E-02	5.52E-01	2.87E-12	0.00E+00	3.71E+00	6.29E-06	2.97E-03	5.11E-03	0.00E+00	-4.90E-04	6.22E-10	3.46E-08	2.08E-02	1.19E+00	0.00E+00	0.00E+00	3.21E+00	4.76E-03	4.54E+00	0.00E+00	3.77E-08	2.16E-08	1.51E-03	1.98E-07	5.72E-01	0.00E+00	4.54E+00	7.45E-07	4.54E+00	4.91E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MY332E	4.44E-03	4.96E-01	1.90E-02	4.61E-01	2.87E-12	0.00E+00	3.27E+00	7.35E-06	2.38E-03	4.48E-03	0.00E+00	-4.62E-04	5.97E-10	2.74E-08	2.35E-02	1.09E+00	0.00E+00	0.00E+00	2.89E+00	6.24E-03	5.81E+00	0.00E+00	4.50E-08	2.26E-08	1.37E-03	1.88E-07	5.09E-01	0.00E+00	5.81E+00	1.75E-06	5.81E+00	6.33E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MY332P	4.48E-03	4.91E-01	1.90E-02	4.61E-01	2.87E-12	0.00E+00	3.26E+00	7.39E-06	2.46E-03	4.45E-03	0.00E+00	-4.72E-04	6.00E-10	2.83E-08	2.34E-02	1.07E+00	0.00E+00	0.00E+00	2.86E+00	6.62E-03	5.80E+00	0.00E+00	4.40E-08	2.24E-08	1.37E-03	1.85E-07	5.02E-01	0.00E+00	5.80E+00	1.71E-06	5.80E+00	6.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MY340	5.34E-03	5.68E-01	2.18E-02	5.52E-01	2.87E-12	0.00E+00	3.72E+00	6.30E-06	3.14E-03	5.12E-03	0.00E+00	-6.31E-04	6.32E-10	3.53E-08	2.09E-02	1.22E+00	0.00E+00	0.00E+00	3.26E+00	5.03E-03	4.55E+00	0.00E+00	3.79E-08	2.22E-08	1.56E-03	2.31E-07	5.81E-01	0.00E+00	4.55E+00	7.47E-07	4.55E+00	4.92E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
MY340E	4.45E-03	4.89E-01	1.94E-02	4.52E-01	2.87E-12	0.00E+00	3.29E+00	7.41E-06	2.40E-03	4.45E-03	0.00E+00	-5.10E-04	6.05E-10	2.75E-08	2.36E-02	1.10E+00	0.00E+00	0.00E+00	2.92E+00	6.74E-03	5.80E+00	0.00E+00	4.40E-08	2.27E-08	1.38E-03	2.09E-07	5.15E-01	0.00E+00	5.80E+00	1.70E-06	5.80E+00	6.25E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MY340P	4.52E-03	4.88E-01	3.62E-02	4.58E-01	2.87E-12	0.00E+00	3.24E+00	7.40E-06	2.48E-03	4.46E-03	0.00E+00	-4.78E-04	5.96E-10	2.83E-08	2.34E-02	1.08E+00	1.83E-06	8.31E-06	2.87E+00	6.78E-03	5.80E+00	0.00E+00	4.40E-08	2.26E-08	1.38E-03	2.97E-07	5.04E-01	0.00E+00	5.80E+00	1.72E-06	5.80E+00	6.23E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MY350	5.66E-03	6.10E-01	2.16E-02	5.90E-01	2.87E-12	0.00E+00	3.58E+00	6.62E-06	3.45E-03	5.49E-03	0.00E+00	-3.66E-04	6.79E-10	3.75E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.84E-03	4.90E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.52E-01	0.00E+00	4.90E+00	7.49E-07	4.90E+00	5.44E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MY350E	5.01E-03	4.39E-01	2.54E-02	4.11E-01	2.87E-12	0.00E+00	3.62E+00	7.81E-06	2.75E-03	4.37E-03	0.00E+00	-7.95E-04	6.20E-10	3.15E-08	2.40E-02	1.22E+00	0.00E+00	0.00E+00	3.19E+00	8.82E-03	6.06E+00	0.00E+00	4.67E-08	2.41E-08	1.42E-03	3.42E-07	5.58E-01	0.00E+00	6.06E+00	1.66E-06	6.06E+00	6.58E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MY363	5.67E-03	5.95E-01	2.17E-02	5.71E-01	2.87E-12	0.00E+00	3.61E+00	6.20E-06	3.45E-03	5.38E-03	0.00E+00	-3.66E-04	6.86E-10	3.74E-08	2.19E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.84E-03	4.54E+00	0.00E+00	3.71E-08	2.21E-08	1.60E-03	1.67E-07	5.63E-01	0.00E+00	4.54E+00	7.61E-07	4.54E+00	5.06E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MY363E	5.08E-03	4.33E-01	2.56E-02	4.14E-01	2.87E-12	0.00E+00	3.66E+00	8.00E-06	2.80E-03	4.43E-03	0.00E+00	-8.00E-04	6.34E-10	3.21E-08	2.49E-02	1.23E+00	0.00E+00	0.00E+00	3.23E+00	1.03E-02	6.08E+00	0.00E+00	4.69E-08	2.43E-08	1.41E-03	3.55E-07	5.64E-01	0.00E+00	6.08E+00	1.73E-06	6.08E+00	6.61E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MY406P	3.06E-03	5.75E-01	2.75E-02	5.56E-01	2.87E-12	0.00E+00	3.41E+00	6.74E-06	1.04E-03	5.13E-03	0.00E+00	-4.81E-04	6.03E-10	1.37E-08	2.27E-02	9.09E-01	0.00E+00	0.00E+00	2.56E+00	4.50E-03	4.94E+00	0.00E+00	3.92E-08	1.80E-08	1.34E-03	1.47E-07	4.50E-01	0.00E+00	4.94E+00	3.73E-07	4.94E+00	5.35E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	9.07E+01
MY410P	2.76E-03	5.62E-01	2.72E-02	5.46E-01	2.87E-12	0.00E+00	3.40E+00	6.74E-06	1.13E-03	5.02E-03	0.00E+00	-4.66E-04	5.96E-10	1.38E-08	2.27E-02	8.66E-01	0.00E+00	0.00E+00	2.54E+00	4.46E-03	4.95E+00	0.00E+00	3.92E-08	1.79E-08	1.31E-03	1.43E-07	4.47E-01	0.00E+00	4.95E+00	3.72E-07	4.95E+00	5.35E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	8.95E+01
MY416P	2.93E-03	5.74E-01	2.75E-02	5.55E-01	2.87E-12	0.00E+00	3.48E+00	6.82E-06	1.41E-03	5.16E-03	0.00E+00	-4.86E-04	6.15E-10	1.70E-08	2.28E-02	9.03E-01	0.00E+00	0.00E+00	2.62E+00	4.47E-03	5.09E+00	0.00E+00	4.03E-08	1.84E-08	1.34E-03	1.45E-07	4.61E-01	0.00E+00	5.09E+00	3.74E-07	5.09E+00	5.54E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.23E+01
MY420E	3.66E-03	6.28E-01	2.89E-02	6.09E-01	2.87E-12	0.00E+00	3.76E+00	7.06E-06	1.78E-03	5.49E-03	0.00E+00	-2.90E-04	6.76E-10	2.07E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.82E+00	3.99E-03	5.11E+00	0.00E+00	4.07E-08	1.98E-08	1.49E-03	1.47E-07	4.96E-01	0.00E+00	5.11E+00	4.06E-07	5.11E+00	5.61E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MY420P	4.97E-03	5.48E-01	2.11E-02	5.19E-01	2.87E-12	0.00E+00	3.51E+00	6.98E-06	2.72E-03	4.81E-03	0.00E+00	-5.97E-04	6.28E-10	3.00E-08	2.30E-02	1.04E+00	0.00E+00	0.00E+00	2.96E+00	6.64E-03	5.33E+00	0.00E+00	4.16E-08	2.19E-08	1.47E-03	2.09E-07	5.22E-01	0.00E+00	5.33E+00	9.72E-07	5.33E+00	5.89E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MY425E	4.16E-03	6.44E-01	3.02E-02	6.23E-01	2.87E-12	0.00E+00	3.96E+00	7.40E-06	2.16E-03	5.78E-03	0.00E+00	-3.01E-04	7.31E-10	2.54E-08	2.51E-02	1.18E+00	0.00E+00	0.00E+00	3.16E+00	4.04E-03	5.40E+00	0.00E+00	4.31E-08	2.17E-08	1.55E-03	1.61E-07	5.59E-01	0.00E+00	5.40E+00	3.86E-07	5.40E+00	5.96E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MY425P	6.32E-03	7.89E-01	2.59E-02	7.58E-01	2.87E-12	0.00E+00	4.43E+00	8.23E-06	3.51E-03	6.98E-03	0.00E+00	-5.88E-04	8.24E-10	3.99E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.83E+00	6.69E-03	6.17E+00	0.00E+00	5.06E-08	2.72E-08	2.06E-03	2.12E-07	6.79E-01	0.00E+00	6.17E+00	1.68E-06	6.17E+00	6.83E+00	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MY432E	6.78E-03	9.35E-01	2.55E-02	9.16E-01	2.87E-12	0.00E+00	5.02E+00	9.33E-06	3.91E-03	8.71E-03	0.00E+00	-5.74E-04	8.56E-10	4.14E-08	2.87E-02	1.53E+00	0.00E+00	0.00E+00	4.09E+00	5.25E-03	6.58E+00	0.00E+00	5.35E-08	2.77E-08	2.37E-03	2.25E-07	7.21E-01	0.00E+00	6.58E+00	1.03E-06	6.58E+00	7.22E+00	7.21E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MY432P	6.34E-03	8.00E-01	2.60E-02	7.69E-01	2.87E-12	0.00E+00	4.44E+00	8.23E-06	3.52E-03	7.09E-03	0.00E+00	-5.73E-04	8.28E-10	4.02E-08	2.77E-02	1.49E+00	0.00E+00	0.00E+00	3.84E+00	6.76E-03	6.26E+00	0.00E+00	5.08E-08	2.72E-08	2.07E-03	2.12E-07	6.82E-01	0.00E+00	6.26E+00	1.67E-06	6.26E+00	6.92E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MY440E	6.82E-03	9.28E-01	2.54E-02	8.98E-01	2.87E-12	0.00E+00	5.04E+00	9.34E-06	4.04E-03	8.70E-03	0.00E+00	-7.04E-04	8.75E-10	4.13E-08	2.87E-02	1.54E+00	0.00E+00	0.00E+00	4.10E+00	5.34E-03	6.61E+00	0.00E+00	5.36E-08	2.78E-08	2.36E-03	2.49E-07	7.23E-01	0.00E+00	6.61E+00	1.03E-06	6.61E+00	7.23E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MY440P	7.38E-03	8.05E-01	2.99E-02	7.71E-01	2.87E-12	0.00E+00	4.73E+00	8.31E-06	4.47E-03	7.14E-03	0.00E+00	-5.75E-04	9.22E-10	4.92E-08	2.98E-02	1.60E+00	0.00E+00	0.00E+00	3.95E+00	6.86E-03	6.36E+00	0.00E+00	5.16E-08	2.81E-08	2.08E-03	2.22E-07	7.02E-01	0.00E+00	6.36E+00	1.67E-06	6.36E+00	7.03E+00	7.02E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
MY450E	7.46E-03	8.22E-01	2.85E-02	7.95E-01	2.87E-12	0.00E+00	4.87E+00	8.95E-06	4.48E-03	7.36E-03	0.00E+00	-4.46E-04	9.22E-10	4.93E-08	2.97E-02	1.64E+00	0.00E+00	0.00E+00	4.20E+00	5.81E-03	6.61E+00	0.00E+00	5.32E-08	2.94E-08	2.11E-03	2.10E-07	7.39E-01	0.00E+00	6.61E+00	1.00E-06	6.61E+00	7.35E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02

MY463E	7.55E-03	8.26E-01	2.90E-02	7.98E-01	2.87E-12	0.00E+00	4.93E+00	9.03E-06	4.52E-03	7.40E-03	0.00E+00	-4.46E-04	9.54E-10	5.02E-08	2.99E-02	1.66E+00	0.00E+00	0.00E+00	4.28E+00	5.81E-03	6.64E+00	0.00E+00	5.35E-08	2.96E-08	2.12E-03	2.13E-07	7.48E-01	0.00E+00	6.64E+00	1.02E-06	6.64E+00	7.39E+00	7.48E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MY525V	2.50E-03	3.35E-01	9.61E-03	3.21E-01	2.87E-12	0.00E+00	2.09E+00	3.84E-06	1.13E-03	2.92E-03	0.00E+00	-1.50E-04	3.47E-10	1.38E-08	1.34E-02	5.62E-01	0.00E+00	0.00E+00	1.72E+00	1.85E-03	3.00E+00	0.00E+00	2.40E-08	1.32E-08	9.55E-04	7.84E-08	3.21E-01	0.00E+00	3.00E+00	4.14E-07	3.00E+00	3.40E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
MY532V	3.16E-03	3.20E-01	1.10E-02	3.09E-01	2.87E-12	0.00E+00	2.14E+00	3.87E-06	1.77E-03	2.92E-03	0.00E+00	-1.52E-04	3.59E-10	2.01E-08	1.34E-02	7.10E-01	0.00E+00	0.00E+00	1.81E+00	2.04E-03	3.04E+00	0.00E+00	2.43E-08	1.32E-08	9.51E-04	7.85E-08	3.22E-01	0.00E+00	3.04E+00	4.42E-07	3.04E+00	3.37E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.60E+01
MY706P	1.31E-03	3.00E-01	9.28E-03	2.88E-01	2.87E-12	0.00E+00	1.77E+00	3.43E-06	5.28E-04	2.81E-03	0.00E+00	-1.71E-04	3.08E-10	7.14E-09	1.16E-02	5.25E-01	0.00E+00	0.00E+00	1.33E+00	3.55E-03	2.50E+00	0.00E+00	2.02E-08	9.75E-09	7.60E-04	1.02E-07	2.38E-01	0.00E+00	2.50E+00	5.55E-07	2.50E+00	2.74E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MY716P	1.62E-03	3.02E-01	8.64E-03	2.91E-01	2.87E-12	0.00E+00	1.78E+00	3.44E-06	6.72E-04	2.79E-03	0.00E+00	-1.71E-04	3.06E-10	9.34E-09	1.16E-02	5.19E-01	0.00E+00	0.00E+00	1.36E+00	3.53E-03	2.50E+00	0.00E+00	2.01E-08	1.00E-08	7.56E-04	8.76E-08	2.40E-01	0.00E+00	2.50E+00	5.11E-07	2.50E+00	2.75E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MY720P	1.66E-03	3.04E-01	9.18E-03	2.94E-01	2.87E-12	0.00E+00	1.79E+00	3.48E-06	7.19E-04	2.81E-03	0.00E+00	-1.80E-04	3.11E-10	9.70E-09	1.17E-02	5.29E-01	0.00E+00	0.00E+00	1.42E+00	3.52E-03	2.53E+00	0.00E+00	2.02E-08	1.01E-08	7.60E-04	8.92E-08	2.43E-01	0.00E+00	2.53E+00	5.12E-07	2.53E+00	2.78E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MY725P	2.07E-03	2.81E-01	1.07E-02	2.69E-01	2.87E-12	0.00E+00	2.10E+00	4.21E-06	1.11E-03	2.81E-03	0.00E+00	-1.89E-04	3.39E-10	1.23E-08	1.30E-02	6.01E-01	0.00E+00	0.00E+00	1.59E+00	3.65E-03	2.93E+00	0.00E+00	2.33E-08	1.17E-08	8.44E-04	1.07E-07	2.78E-01	0.00E+00	2.93E+00	5.60E-07	2.93E+00	3.20E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
MY732P	2.71E-03	3.04E-01	1.19E-02	2.89E-01	2.87E-12	0.00E+00	2.21E+00	4.83E-06	1.27E-03	2.94E-03	0.00E+00	-2.17E-04	3.87E-10	1.55E-08	1.48E-02	7.34E-01	0.00E+00	0.00E+00	1.94E+00	3.67E-03	3.82E+00	0.00E+00	2.98E-08	1.47E-08	9.53E-04	1.07E-07	3.42E-01	0.00E+00	3.82E+00	1.41E-06	3.82E+00	4.13E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	7.16E+01
MY740P	3.06E-03	3.65E-01	1.29E-02	3.46E-01	2.87E-12	0.00E+00	2.22E+00	4.88E-06	1.55E-03	3.27E-03	0.00E+00	-2.69E-04	3.97E-10	1.81E-08	1.49E-02	7.52E-01	0.00E+00	0.00E+00	1.95E+00	3.80E-03	3.82E+00	0.00E+00	2.98E-08	1.52E-08	9.81E-04	1.20E-07	3.46E-01	0.00E+00	3.82E+00	1.42E-06	3.82E+00	4.11E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MYN106	6.91E-04	1.57E-01	5.22E-03	1.52E-01	2.87E-12	0.00E+00	8.67E-01	1.61E-06	2.93E-04	1.37E-03	0.00E+00	-9.00E-05	1.73E-10	3.66E-09	5.56E-03	2.21E-01	0.00E+00	0.00E+00	6.63E-01	1.17E-03	1.18E+00	0.00E+00	9.55E-09	4.64E-09	3.49E-04	4.35E-08	1.17E-01	0.00E+00	1.18E+00	2.30E-07	1.18E+00	1.30E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MYN110	6.16E-04	1.36E-01	3.75E-03	1.34E-01	2.87E-12	0.00E+00	7.87E-01	1.50E-06	2.62E-04	1.21E-03	0.00E+00	-5.17E-05	1.41E-10	3.24E-09	5.26E-03	2.09E-01	0.00E+00	0.00E+00	6.03E-01	5.80E-04	1.13E+00	0.00E+00	9.07E-09	4.41E-09	3.14E-04	3.22E-08	1.07E-01	0.00E+00	1.13E+00	2.11E-07	1.13E+00	1.24E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MYN116	6.31E-04	1.47E-01	4.13E-03	1.43E-01	2.87E-12	0.00E+00	7.87E-01	1.52E-06	2.64E-04	1.27E-03	0.00E+00	-5.02E-05	1.45E-10	3.30E-09	5.26E-03	2.16E-01	0.00E+00	0.00E+00	6.06E-01	5.94E-04	1.13E+00	0.00E+00	9.05E-09	4.46E-09	3.26E-04	3.89E-08	1.08E-01	0.00E+00	1.13E+00	2.19E-07	1.13E+00	1.24E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MYN120	6.35E-04	1.48E-01	4.10E-03	1.44E-01	2.87E-12	0.00E+00	8.26E-01	1.53E-06	2.65E-04	1.31E-03	0.00E+00	-5.07E-05	1.44E-10	3.32E-09	5.44E-03	2.13E-01	0.00E+00	0.00E+00	6.16E-01	6.31E-04	1.15E+00	0.00E+00	9.18E-09	4.46E-09	3.26E-04	3.93E-08	1.09E-01	0.00E+00	1.15E+00	2.14E-07	1.15E+00	1.26E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
MYN125	9.58E-04	1.62E-01	4.99E-03	1.57E-01	2.87E-12	0.00E+00	9.87E-01	1.88E-06	4.84E-04	1.45E-03	0.00E+00	-7.30E-05	1.81E-10	5.67E-09	6.13E-03	2.68E-01	0.00E+00	0.00E+00	7.82E-01	1.01E-03	1.33E+00	0.00E+00	1.06E-08	5.36E-09	3.92E-04	3.91E-08	1.36E-01	0.00E+00	1.33E+00	2.64E-07	1.33E+00	1.47E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
MYN132	1.49E-03	2.07E-01	6.60E-03	1.99E-01	2.87E-12	0.00E+00	1.14E+00	1.93E-06	8.25E-04	1.66E-03	0.00E+00	-2.16E-04	2.09E-10	9.20E-09	6.79E-03	3.59E-01	0.00E+00	0.00E+00	9.01E-01	3.17E-03	1.49E+00	0.00E+00	1.21E-08	6.58E-09	4.78E-04	7.17E-08	1.63E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.66E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MYN140	1.55E-03	2.08E-01	7.40E-03	1.98E-01	2.87E-12	0.00E+00	1.15E+00	1.93E-06	9.12E-04	1.66E-03	0.00E+00	-2.25E-04	2.33E-10	9.93E-09	6.83E-03	3.62E-01	0.00E+00	0.00E+00	9.23E-01	3.34E-03	1.50E+00	0.00E+00	1.22E-08	6.66E-09	4.78E-04	7.19E-08	1.65E-01	0.00E+00	1.50E+00	2.47E-07	1.50E+00	1.67E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MYN150	1.57E-03	2.23E-01	7.04E-03	2.16E-01	2.87E-12	0.00E+00	1.17E+00	2.11E-06	1.02E-03	2.15E-03	0.00E+00	-1.02E-04	2.52E-10	1.04E-08	7.43E-03	3.93E-01	0.00E+00	0.00E+00	9.98E-01	1.49E-03	1.63E+00	0.00E+00	1.33E-08	7.26E-09	5.69E-04	4.88E-08	1.80E-01	0.00E+00	1.63E+00	6.66E-07	1.63E+00	1.81E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.73E+01
MYN163	1.88E-03	2.08E-01	7.64E-03	1.96E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	1.41E-03	1.88E-03	0.00E+00	-1.05E-04	2.57E-10	1.25E-08	7.45E-03	3.96E-01	0.00E+00	0.00E+00	1.01E+00	1.49E-03	1.65E+00	0.00E+00	1.35E-08	7.29E-09	5.44E-04	4.80E-08	1.81E-01	0.00E+00	1.65E+00	2.92E-07	1.65E+00	1.83E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+01
MYN206	1.26E-03	2.68E-01	7.29E-03	2.64E-01	2.87E-12	0.00E+00	1.57E+00	2.97E-06	5.10E-04	2.42E-03	0.00E+00	-8.27E-05	2.50E-10	6.03E-09	9.98E-03	4.16E-01	0.00E+00	0.00E+00	1.07E+00	1.29E-03	2.18E+00	0.00E+00	1.76E-08	8.67E-09	6.30E-04	5.72E-08	1.95E-01	0.00E+00	2.18E+00	4.11E-07	2.18E+00	2.40E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MYN210	1.21E-03	2.74E-01	6.90E-03	2.67E-01	0.00E+00	0.00E+00	1.46E+00	2.73E-06	5.20E-04	2.39E-03	0.00E+00	-8.42E-05	2.36E-10	6.34E-09	9.54E-03	3.79E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.08E-09	6.19E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.25E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MYN216	1.21E-03	2.75E-01	6.91E-03	2.68E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.39E-03	0.00E+00	-8.42E-05	2.37E-10	6.35E-09	9.56E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.09E-09	6.20E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MYN220	1.53E-03	2.83E-01	7.63E-03	2.75E-01	0.00E+00	0.00E+00	1.58E+00	2.95E-06	7.49E-04	2.49E-03	0.00E+00	-8.42E-05	2.59E-10	8.79E-09	1.01E-02	4.31E-01	0.00E+00	0.00E+00	1.19E+00	1.14E-03	2.19E+00	0.00E+00	1.77E-08	8.77E-09	6.61E-04	4.94E-08	2.15E-01	0.00E+00	2.19E+00	4.18E-07	2.19E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MYN225	1.91E-03	3.17E-01	9.69E-03	3.08E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.72E-04	2.80E-03	0.00E+00	-1.45E-04	3.51E-10	1.15E-08	1.22E-02	5.32E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.57E+00	0.00E+00	2.05E-08	1.04E-08	7.56E-04	7.21E-08	2.65E-01	0.00E+00	2.57E+00	4.79E-07	2.57E+00	2.84E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
MYN232	3.25E-03	4.00E-01	1.22E-02	3.88E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.55E-03	0.00E+00	-1.52E-04	4.22E-10	2.09E-08	1.38E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.04E+00	0.00E+00	2.48E-08	1.34E-08	1.00E-03	7.85E-08	3.28E-01	0.00E+00	3.04E+00	4.89E-07	3.04E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MYN240	3.25E-03	3.98E-01	1.29E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-2.39E-04	4.22E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.97E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MYN250	3.22E-03	3.90E-01	1.29E-02	3.72E-01	2.87E-12	0.00E+00	2.25E+00	4.25E-06	1.77E-03	3.41E-03	0.00E+00	-3.79E-04	3.78E-10	1.97E-08	1.39E-02	7.34E-01	0.00E+00	0.00E+00	1.96E+00	4.43E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.81E-04	1.37E-07	3.47E-01	0.00E+00	3.19E+00	4.08E-07	3.19E+00	3.50E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
MYN263	5.20E-03	3.92E-01	1.40E-02	3.73E-01	2.87E-12	0.00E+00	2.36E+00	4.35E-06	3.07E-03	3.47E-03	0.00E+00	-3.73E-04	3.84E-10	3.43E-08	1.41E-02	8.10E-01	0.00E+00	0.00E+00	1.99E+00	4.32E-03	3.24E+00	0.00E+00	2.59E-08	1.47E-08	9.92E-04	1.48E-07	3.56E-01	0.00E+00	3.24E+00	4.75E-07	3.24E+00	3.54E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MYN306	2.16E-03	4.52E-01	1.26E-02	4.37E-01	2.87E-12	0.00E+00	2.56E+00	4.78E-06	8.98E-04	3.99E-03	0.00E+00	-2.49E-04	4.47E-10	1.10E-08	1.67E-02	6.65E-01	0.00E+00	0.00E+00	1.91E+00	3.20E-03	3.53E+00	0.00E+00	2.82E-08	1.37E-08	1.02E-03	1.14E-07	3.41E-01	0.00E+00	3.53E+00	7.03E-07	3.53E+00	3.88E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
MYN310	2.25E-03	4.55E-01	1.26E-02	4.41E-01	2.87E-12	0.00E+00	2.64E+00	4.96E-06	1.01E-03	4.05E-03	0.00E+00	-2.21E-04	4.76E-10	1.21E-08	1.72E-02	6.67E-01	0.00E+00	0.00E+00	1.97E+00	2.92E-03	3.63E+00	0.00E+00	2.89E-08	1.43E-08	1.05E-03	1.01E-07	3.54E-01	0.00E+00	3.63E+00	7.40E-07	3.63E+00	3.97E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MYN316	2.42E-03	4.55E-01	1.32E-02	4.41E-01	2.87E-12	0.00E+00	2.66E+00	5.02E-06	1.06E-03	4.01E-03	0.00E+00	-2.19E-04	4.89E-10	1.33E-08	1.73E-02	7.02E-01	0.00E+00	0.00E+00	2.04E+00	2.93E-03	3.64E+00	0.00E+00	2.91E-08	1.44E-08	1.06E-03	1.03E-07	3.59E-01	0.00E+00	3.64E+00	7.46E-07	3.64E+00	4.00E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
MYN320	2.70E-03	4.63E-01	2.51E-02	4.49E-01	2.87E-12	0.00E+00	2.73E+00	5.17E-06	1.38E-03	4.07E-03	0.00E+00	-2.13E-04	5.02E-10	1.60E-08	1.76E-02	7.59E-01	0.00E+00	0.00E+00	2.13E+00	2.77E-03	3.71E+00	0.00E+00	2.94E-08	1.48E-08	1.09E-03	1.04E-07	3.73E-01	0.00E+00	3.71E+00	3.86E-07	3.71E+00	4.06E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MYN325	2.92E-03	4.78E-01	2.59E-02	4.63E-01	2.87E-12	0.00E+00	2.84E+00	5.35E-06	1.54E-03	4.20E-03	0.00E+00	-2.32E-04	5.24E-10	1.75E-08	1.81E-02	7.88E-01	0.00E+00	0.00E+00	2.23E+00	2.97E-03	3.81E+00	0.00E+00	3.05E-08	1.53E-08	1.13E-03	1.12E-07	3.93E-01	0.00E+00	3.81E+00	3.56E-07	3.81E+00	4.19E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
MYN332	5.34E-03	5.67E-01	2.10E-02	5.53E-01	2.87E-12	0.00E+00	3.72E+00	6.21E-06	3.02E-03	5.13E-03	0.00E+00	-5.03E-04	6.39E-10	3.48E-08	2.08E-02	1.22E+00	0.00E+00	0.00E+00	3.23E+00	7.37E-03	4.58E+00	0.00E+00	3.80E-08	2.20E-08	1.53E-03	2.20E-07	5.74E-01	0.00E+00	4.58E+00	7.46E-07	4.58E+00	4.95E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MYN340	5.39E-03	5.69E-01	2.21E-02	5.54E-01	2.87E-12	0.00E+00	3.82E+00	6.38E-06	3.20E-03	5.14E-03	0.00E+00	-6.76E-04	6.44E-10	3.55E-08	2.17E-02	1.21E+00	0.00E+00	0.00E+00	3.26E+00	7.53E-03	4.61E+00	0.00E+00	3.82E-08	2.22E-08	1.57E-03	2.43E-07	5.80E-01	0.00E+00	4.61E+00	7.45E-07	4.61E+00	4.97E+00	5.80E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MYN350	5.74E-03	6.08E-01	2.14E-02	5.89E-01	2.87E-12	0.00E+00	3.58E+00	6.61E-06	3.49E-03	5.48E-03	0.00E+00	-3.57E-04	6.85E-10	3.81E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.83E-03	4.89E+00	0.00E+00	3.93E-08	2.18E-08	1.59E-03	1.70E-07	5.53E-01	0.00E+00	4.89E+00	7.54E-07	4.89E+00	5.45E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MYN363	5.79E-03	6.11E-01	2.16E-02	5.92E-01	2.87E-12	0.00E+00	3.66E+00	6.74E-06	3.52E-03	5.52E-03	0.00E+00	-3.57E-04	7.05E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.83E-03	4.96E+00	0.00E+00	4.00E-08	2.20E-08	1.60E-03	1.70E-07	5.61E-01	0.00E+00	4.96E+00	7.73E-07	4.96E+00	5.52E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MYN406	2.82E-03	5.95E-01	1.74E-02	5.82E-01	2.87E-12	0.00E+00	3.42E+00	6.35E-06	1.10E-03	5.27E-03	0.00E+00	-2.94E-04	5.92E-10	1.41E-08	2.23E-02	8.62E-01	0.00E+00	0.00E+00	2.56E+00	3.93E-03	4.73E+00	0.00E+00	3.79E-08	1.80E-08	1.36E-03	1.47E-07	4.53E-01	0.00E+00	4.73E+00	9.35E-07	4.73E+00	5.19E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.09E+01
MYN410	2.69E-03	5.96E-01	1.68E-02	5.79E-01	0.00E+00	0.00E+00	3.44E+00	6.58E-06	1.13E-03	5.22E-03	0.00E+00	-2.91E-04	6.22E-10	1.43E-08	2.26E-02	8.86E-01	0.00E+00	0.00E+00	2.64E+00	3.90E-03	4.76E+00	0.00E+00	3.80E-08	1.85E-08	1.36E-03	1.41E-07	4.63E-01	0.00E+00	4.76E+00	1.00E-06	4.76E+00	5.22E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.44E+01
MYN416	2.43E-03	5.49E-01	1.38E-02	5.35E-01	0.00E+00	0.00E+00	2.93E+00	5.49E-06	1.04E-03	4.79E-03	0.00E+00	-1.68E-04	4.74E-10	1.27E-08	1.91E-02	7.60E-01	0.00E+00	0.00E+00	2.16E+00	2.28E-03	4.13E+00	0.00E+00	3.35E-08	1.62E-08	1.24E-03	9.72E-08	3.90E-01	0.00E+00	4.13E+00	8.32E-07	4.13E+00	4.52E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.62E+01
MYN420	3.29E-03	6.14E-01	1.82E-02	5.96E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.41E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.84E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.02E+00	0.00E+00	3.99E-08	1.99E-08	1.44E-03	1.43E-07	5.03E-01	0.00E+00	5.02E+00	1.02E-06	5.02E+00	5.53E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MYN425	3.82E-03	6.35E-01	1.94E-02	6.15E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.94E-03	5.60E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.15E+00	0.00E+00	4.11E-08	2.07E-08	1.51E-03	1.44E-07	5.31E-01	0.00E+00	5.15E+00	9.59E-07	5.15E+00	5.68E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MYN432	6.51E-03	8.00E-01	2.44E-02	7.76E-01	0.00E+00	0.00E+00	4.34E+00	7.90E-06	3.83E-03	7.11E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.83E-07	6.08E+00	6.74E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MYN440	6.50E-03	7.97E-01	2.58E-02	7.71E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.08E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.61E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MYN450	7.68E-03	8.30E-01	2.86E-02	8.02E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.44E-03	0.00E+00	-4.56E-04	9.27E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.22E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.43E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MYN463	7.77E-03	8.36E-01	2.90E-02	8.07E-01	0.00E+00	0.00E+00	4.97E+00	9.14E-06	4.71E-03	7.50E-03	0.00E+00	-4.56E-04	9.63E-10	5.13E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	6.10E-03	6.71E+00	0.00E+00	5.39E-08	2.98E-08	2.17E-03	2.09E-07	7.56E-01	0.00E+00	6.71E+00	1.04E-06	6.71E+00	7.46E+00	7.56E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MYN506	1.34E-03	2.68E-01	7.27E-03	2.64E-01	2.87E-12	0.00E+00	1.57E+00	2.98E-06	5.12E-04	2.43E-03	0.00E+00	-7.67E-05	2.50E-10	6.11E-09	9.99E-03	4.16E-01	0.00E+00	0.00E+00	1.07E+00	1.22E-03	2.19E+00	0.00E+00	1.77E-08	8.70E-09	6.31E-04	4.94E-08	1.95E-01	0.00E+00	2.19E+00	4.05E-07	2.19E+00	2.41E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
MYN510	1.21E-03	2.75E-01	6.90E-03	2.68E-01	0.00E+00	0.00E+00	1.46E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.29E-05	2.36E-10	6.35E-09	9.56E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.10E-09	6.21E-04	4.82E-08	1.95E-01	0.00E+00	2.07E+00	4.17E-07	2.07E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MYN516	1.22E-03	2.75E-01	6.91E-03	2.68E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.58E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.11E-09	6.22E-04	4.82E-08	1.95E-01	0.00E+00	2.07E+00	4.18E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MYN520	1.53E-03	2.84E-01	7.63E-03	2.76E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.49E-03	0.00E+00	-8.29E-05	2.60E-10	8.79E-09	1.01E-02	4.32E-01	0.00E+00	0.00E+00	1.19E+00	1.12E-03	2.20E+00	0.00E+00	1.78E-08	8.80E-09	6.63E-04	4.90E-08	2.15E-01	0.00E+00	2.20E+00	4.21E-07	2.20E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MYN525	2.03E-03	3.17E-01	9.77E-03	3.07E-01	0.00E+00	0.00E+00	1.92E+00	3.56E-06	1.07E-03	2.80E-03	0.00E+00	-1.45E-04	3.34E-10	1.25E-08	1.22E-02	5.43E-01	0.00E+00	0.00E+00	1.49E+00	1.95E-03	2.57E+00	0.00E+00	2.06E-08	1.04E-08	7.63E-04	7.22E-08	2.64E-01	0.00E+00	2.57E+00	4.51E-07	2.57E+00	2.83E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
MYN532	3.24E-03	3.98E-01	1.21E-02	3.86E-01	0.00E+00	0.00E+00	2.15E+00	3.88E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	3.99E-10	2.09E-08	1.37E-02	7.20E-01	0.00E+00	0.00E+00	1.81E+00	2.05E-03	3.01E+00	0.00E+00	2.47E-08	1.33E-08	9.96E-04	7.85E-08	3.23E-01	0.00E+00	3.01E+00	4.69E-07	3.01E+00	3.34E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MYN540	3.25E-03	3.98E-01	1.29E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-2.39E-04	4.22E-10	2.10E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.97E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MZ240V	3.63E-03	5.39E-01	1.73E-02	5.22E-01	0.00E+00	0.00E+00	3.36E+00	4.41E-06	2.11E-03	4.41E-03	0.00E+00	1.21E-02	1.05E-08	2.38E-08	1.55E-02	8.06E-01	0.00E+00	0.00E+00	1.99E+00	8.65E-03	3.42E+00	0.00E+00	2.83E-08	1.52E-08	1.21E-03	2.52E-07	3.56E-01	0.00E+00	3.42E+00	4.86E-07	3.42E+00	3.77E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
NAN116S	1.20E-03	2.12E-01	7.09E-03	1.97E-01	2.87E-12	0.00E+00	1.10E+00	1.95E-06	7.20E-04	1.72E-03	0.00E+00	-2.21E-04	2.29E-10	6.64E-09	7.05E-03	2.99E-01	0.00E+00	0.00E+00	8.45E-01	2.80E-03	1.50E+00	0.00E+00	1.22E-08	6.09E-09	4.68E-04	7.20E-08	1.50E-01	0.00E+00	1.50E+00	3.34E-07	1.50E+00	1.65E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.02E+01
NAN120S	1.11E-03	2.04E-01	7.29E-03	1.87E-01	2.87E-12	0.00E+00	1.08E+00	1.94E-06	5.36E-04	1.76E-03	0.00E+00	-1.11E-04	2.32E-10	5.73E-09	7.23E-03	3.09E-01	0.00E+00	0.00E+00	8.32E-01	1.98E-03	1.49E+00	0.00E+00	1.22E-08	6.11E-09	4.61E-04	5.89E-08	1.53E-01	0.00E+00	1.49E+00	2.33E-07	1.49E+00	1.63E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
NAN125S	1.20E-03	2.10E-01	6.65E-03	1.99E-01	2.87E-12	0.00E+00	1.09E+00	2.02E-06	7.12E-04	1.68E-03	0.00E+00	-2.31E-04	2.02E-10	6.73E-09	6.92E-03	2.92E-01	0.00E+00	0.00E+00	8.24E-01	2.95E-03	1.48E+00	0.00E+00	1.19E-08	6.05E-09	4.48E-04	7.21E-08	1.47E-01	0.00E+00	1.48E+00	2.96E-07	1.48E+00	1.63E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
NAN225	2.73E-03	4.22E-01	2.09E-02	4.01E-01	2.87E-12	0.00E+00	2.34E+00	4.29E-06	1.05E-03	3.54E-03	0.00E+00	1.10E-03	3.92E-10	1.56E-08	1.48E-02	7.00E-01	5.29E-05	5.16E-04	1.87E+00	3.29E-03	3.31E+00	0.00E+00	2.60E-08	1.39E-08	9.40E-04	2.19E-07	3.43E-01	0.00E+00	3.31E+00	5.73E-07	3.31E+00	3.56E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.77E+01
NAN232	2.72E-03	4.20E-01	1.49E-02	4.03E-01	2.87E-12	0.00E+00	2.34E+00	4.28E-06	1.05E-03	3.58E-03	0.00E+00	1.10E-03	3.89E-10	1.57E-08	1.48E-02	6.98E-01	5.29E-05	5.16E-04	1.86E+00	3.34E-03	3.31E+00	0.00E+00	2.62E-08	1.38E-08	9.47E-04	2.18E-07	3.43E-01	0.00E+00	3.31E+00	5.72E-07	3.31E+00	3.58E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
NAN240	2.81E-03	4.43E-01	1.65E-02	4.22E-01	2.87E-12	0.00E+00	2.36E+00	4.48E-06	1.03E-03	3.76E-03	0.00E+00	1.10E-03	3.93E-10	1.63E-08	1.54E-02	7.06E-01	5.29E-05	5.16E-04	1.88E+00	3.35E-03	3.37E+00	0.00E+00	2.68E-08	1.39E-08	9.71E-04	2.18E-07	3.42E-01	0.00E+00	3.37E+00	5.80E-07	3.37E+00	3.63E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
NAN250	3.61E-03	4.57E-01	1.52E-02	4.41E-01	2.87E-12	0.00E+00	2.45E+00	4.65E-06	2.05E-03	3.96E-03	0.00E+00	1.09E-03	3.99E-10	2.36E-08	1.58E-02	7.93E-01	5.29E-05	5.16E-04	1.99E+00	3.47E-03	3.47E+00	0.00E+00	2.76E-08	1.47E-08	9.84E-04	2.25E-07	3.54E-01	0.00E+00	3.47E+00	5.85E-07	3.47E+00	3.75E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
NAN263	5.10E-03	4.57E-01	1.74E-02	4.42E-01	2.87E-12	0.00E+00	2.47E+00	4.65E-06	3.00E-03	3.97E-03	0.00E+00	1.08E-03	4.01E-10	3.38E-08	1.59E-02	7.97E-01	5.29E-05	5.16E-04	2.00E+00	3.51E-03	3.48E+00	0.00E+00	2.76E-08	1.48E-08	9.85E-04	2.46E-07	3.55E-01	0.00E+00	3.48E+00	5.84E-07	3.48E+00	3.76E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.38E+01
NAN316S	3.29E-03	5.73E-01	1.88E-02	5.57E-01	2.87E-12	0.00E+00	3.10E+00	5.71E-06	1.19E-03	5.07E-03	0.00E+00	-4.67E-04	5.96E-10	1.66E-08	1.96E-02	8.63E-01	0.00E+00	0.00E+00	2.60E+00	4.44E-03	4.28E+00	0.00E+00	3.47E-08	1.82E-08	1.39E-03	1.86E-07	4.62E-01	0.00E+00	4.28E+00	6.41E-07	4.28E+00	4.70E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	9.37E+01
NAN320S	3.29E-03	5.75E-01	2.93E-02	5.57E-01	2.87E-12	0.00E+00	3.22E+00	5.91E-06	1.43E-03	5.07E-03	0.00E+00	-6.20E-04	6.06E-10	1.79E-08	2.08E-02	8.64E-01	0.00E+00	0.00E+00	2.60E+00	4.48E-03	4.30E+00	0.00E+00	3.50E-08	1.82E-08	1.39E-03	2.04E-07	4.63E-01	0.00E+00	4.30E+00	3.72E-07	4.30E+00	4.72E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.41E+01
NAN325	3.87E-03	6.09E-01	3.47E-02	5.91E-01	2.87E-12	0.00E+00	3.57E+00	7.00E-06	1.93E-03	5.37E-03	0.00E+00	8.36E-04	6.13E-10	2.19E-08	2.21E-02	9.29E-01	5.29E-05	5.16E-04	2.83E+00	4.76E-03	4.79E+00	0.00E+00	3.89E-08	1.94E-08	1.43E-03	2.49E-07	5.03E-01	0.00E+00	4.79E+00	1.02E-06	4.79E+00	5.19E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NAN325S	3.47E-03	5.89E-01	1.96E-02	5.73E-01	2.87E-12	0.00E+00	3.40E+00	6.48E-06	1.81E-03	5.15E-03	0.00E+00	-6.06E-04	5.97E-10	2.01E-08	2.17E-02	8.56E-01	0.00E+00	0.00E+00	2.62E+00	4.60E-03	4.68E+00	0.00E+00	3.73E-08	1.85E-08	1.39E-03	2.12E-07	4.70E-01	0.00E+00	4.68E+00	1.01E-06	4.68E+00	5.08E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
NAN332	4.08E-03	6.14E-01	3.51E-02	5.95E-01	2.87E-12	0.00E+00	3.62E+00	7.03E-06	2.22E-03	5.45E-03	0.00E+00	8.34E-04	6.38E-10	2.46E-08	2.21E-02	1.04E+00	5.29E-05	5.16E-04	3.06E+00	4.88E-03	4.88E+00	0.00E+00	3.98E-08	2.08E-08	1.55E-03	2.53E-07	5.47E-01	0.00E+00	4.88E+00	1.02E-06	4.88E+00	5.36E+00	5.47E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+02
NAN340	4.23E-03	6.13E-01	3.47E-02	5.97E-01	2.87E-12	0.00E+00	3.60E+00	6.99E-06	2.28E-03	5.45E-03	0.00E+00	8.21E-04	6.39E-10	2.62E-08	2.20E-02	1.03E+00	5.29E-05	5.16E-04	3.02E+00	4.84E-03	4.88E+00	0.00E+00	3.97E-08	2.07E-08	1.55E-03	2.51E-07	5.40E-01	0.00E+00	4.88E+00	1.02E-06	4.88E+00	5.36E+00	5.40E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NAN350	4.84E-03	6.04E-01	2.23E-02	5.85E-01	2.87E-12	0.00E+00	3.48E+00	6.41E-06	2.77E-03	5.41E-03	0.00E+00	7.95E-04	6.33E-10	3.17E-08	2.20E-02	1.12E+00	5.29E-05	5.16E-04	2.84E+00	7.73E-03	4.81E+00	0.00E+00	3.82E-08	2.06E-08	1.52E-03	2.61E-07	5.07E-01	0.00E+00	4.81E+00	9.49E-07	4.81E+00	5.31E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NAN363	4.90E-03	6.08E-01	2.22E-02	5.91E-01	2.87E-12	0.00E+00	3.51E+00	6.52E-06	2.83E-03	5.43E-03	0.00E+00	8.00E-04	6.38E-10	3.19E-08	2.20E-02	1.13E+00	5.29E-05	5.16E-04	2.84E+00	7.86E-03	4.81E+00	0.00E+00	3.82E-08	2.06E-08	1.53E-03	2.64E-07	5.06E-01	0.00E+00	4.81E+00	9.48E-07	4.81E+00	5.31E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NAN425	5.82E-03	9.18E-01	4.97E-02	8.90E-01	2.87E-12	0.00E+00	4.95E+00	9.22E-06	3.31E-03	8.51E-03	0.00E+00	8.04E-04	1.13E-09	3.76E-08	3.69E-02	1.63E+00	5.48E-05	5.24E-04	4.04E+00	4.93E-03	6.43E+00	0.00E+00	5.18E-08	2.78E-08	2.33E-03	3.53E-07	7.19E-01	0.00E+00	6.43E+00	1.03E-06	6.43E+00	7.11E+00	7.19E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NAN432	8.60E-03	9.20E-01	4.97E-02	8.89E-01	2.87E-12	0.00E+00	4.97E+00	9.24E-06	5.06E-03	8.53E-03	0.00E+00	8.04E-04	1.14E-09	5.63E-08	3.69E-02	1.65E+00	5.48E-05	5.24E-04	4.08E+00	5.02E-03	6.46E+00	0.00E+00	5.23E-08	2.80E-08	2.34E-03	3.65E-07	7.24E-01	0.00E+00	6.46E+00	1.03E-06	6.46E+00	7.15E+00	7.24E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NAN440	5.86E-03	9.13E-01	4.88E-02	8.68E-01	2.87E-12	0.00E+00	4.96E+00	9.23E-06	3.41E-03	8.47E-03	0.00E+00	7.88E-04	1.12E-09	3.94E-08	3.68E-02	1.64E+00	5.48E-05	5.24E-04	4.08E+00	4.90E-03	6.45E+00	0.00E+00	5.19E-08	2.77E-08	2.32E-03	3.62E-07	7.22E-01	0.00E+00	6.45E+00	1.03E-06	6.45E+00	7.15E+00	7.22E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NAN450	8.66E-03	9.13E-01	4.89E-02	8.67E-01	2.87E-12	0.00E+00	4.98E+00	9.25E-06	5.15E-03	8.50E-03	0.00E+00	7.89E-04	1.13E-09	5.68E-08	3.69E-02	1.65E+00	5.48E-05	5.24E-04	4.09E+00	5.04E-03	6.46E+00	0.00E+00	5.23E-08	2.79E-08	2.33E-03	3.65E-07	7.23E-01	0.00E+00	6.46E+00	1.03E-06	6.46E+00	7.17E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NAN463	8.75E-03	9.17E-01	4.84E-02	8.73E-01	2.87E-12	0.00E+00	5.02E+00	9.27E-06	5.16E-03	8.57E-03	0.00E+00	7.80E-04	1.14E-09	5.72E-08	3.69E-02	1.66E+00	5.48E-05	5.24E-04	4.11E+00	5.02E-03	6.47E+00	0.00E+00	5.25E-08	2.81E-08	2.33E-03	3.72E-07	7.30E-01	0.00E+00	6.47E+00	1.04E-06	6.47E+00	7.18E+00	7.30E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NB106A	8.24E-04	1.57E-01	4.98E-03	1.53E-01	2.87E-12	0.00E+00	8.64E-01	1.63E-06	3.77E-04	1.39E-03	0.00E+00	-8.57E-05	1.55E-10	4.59E-09	5.53E-03	2.29E-01	0.00E+00	0.00E+00	6.78E-01	1.55E-03	1.22E+00	0.00E+00	9.75E-09	4.87E-09	3.67E-04	5.06E-08	1.20E-01	0.00E+00	1.22E+00	2.33E-07	1.22E+00	1.33E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
NB110A	9.97E-04	1.63E-01	5.19E-03	1.57E-01	2.87E-12	0.00E+00	8.89E-01	1.65E-06	4.76E-04	1.45E-03	0.00E+00	-9.73E-05	1.63E-10	5.73E-09	5.76E-03	2.53E-01	0.00E+00	0.00E+00	7.00E-01	1.50E-03	1.26E+00	0.00E+00	1.02E-08	5.26E-09	3.82E-04	5.00E-08	1.26E-01	0.00E+00	1.26E+00	2.32E-07	1.26E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
NB113A	8.60E-04	1.62E-01	4.62E-03	1.58E-01	2.87E-12	0.00E+00	9.39E-01	1.79E-06	4.05E-04	1.42E-03	0.00E+00	-2.02E-05	1.69E-10	4.94E-09	5.93E-03	2.47E-01	0.00E+00	0.00E+00	7.21E-01	9.93E-04	1.28E+00	0.00E+00	1.03E-08	5.10E-09	3.77E-04	3.91E-08	1.28E-01	0.00E+00	1.28E+00	2.58E-07	1.28E+00	1.41E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NB116A	9.86E-04	1.63E-01	5.27E-03	1.57E-01	2.87E-12	0.00E+00	8.99E-01	1.68E-06	4.69E-04	1.48E-03	0.00E+00	-1.02E-04	1.70E-10	5.59E-09	5.87E-03	2.56E-01	0.00E+00	0.00E+00	7.07E-01	1.50E-03	1.30E+00	0.00E+00	1.04E-08	5.32E-09	3.90E-04	4.87E-08	1.27E-01	0.00E+00	1.30E+00	2.33E-07	1.30E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
NB120A	1.00E-03	1.63E-01	5.25E-03	1.57E-01	2.87E-12	0.00E+00	9.02E-01	1.69E-06	4.86E-04	1.46E-03	0.00E+00	-7.47E-05	1.69E-10	5.96E-09	5.79E-03	2.55E-01	0.00E+00	0.00E+00	7.26E-01	1.47E-03	1.28E+00	0.00E+00	1.04E-08	5.30E-09	3.86E-04	4.99E-08	1.28E-01	0.00E+00	1.28E+00	2.33E-07	1.28E+00	1.41E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NB125A	1.00E-03	1.58E-01	5.07E-03	1.54E-01	2.87E-12	0.00E+00	8.99E-01	1.68E-06	4.72E-04	1.41E-03	0.00E+00	-8.55E-05	1.67E-10	5.91E-09	5.76E-03	2.53E-01	0.00E+00	0.00E+00	7.21E-01	1.48E-03	1.27E+00	0.00E+00	1.02E-08	5.29E-09	3.80E-04	5.12E-08	1.28E-01	0.00E+00	1.27E+00	2.34E-07	1.27E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
NB132A	1.48E-03	1.96E-01	6.51E-03	1.89E-01	2.87E-12	0.00E+00	1.13E+00	1.90E-06	7.85E-04	1.63E-03	0.00E+00	-2.10E-04	2.08E-10	9.05E-09	6.80E-03	3.57E-01	0.00E+00	0.00E+00	8.95E-01	2.78E-03	1.48E+00	0.00E+00	1.20E-08	6.53E-09	4.77E-04	7.09E-08	1.62E-01	0.00E+00	1.48E+00	2.45E-07	1.48E+00	1.65E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
NB140A	1.45E-03	1.76E-01	6.12E-03	1.73E-01	2.87E-12	0.00E+00	1.08E+00	1.91E-06	8.82E-04	1.57E-03	0.00E+00	-9.48E-05	1.93E-10	9.63E-09	6.43E-03	3.47E-01	0.00E+00	0.00E+00	9.43E-01	1.77E-03	1.44E+00	0.00E+00	1.16E-08	6.49E-09	4.56E-04	5.15E-08	1.68E-01	0.00E+00	1.44E+00	2.45E-07	1.44E+00	1.58E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
NB150A	1.55E-03	2.05E-01	7.17E-03	1.92E-01	2.87E-12	0.00E+00	1.17E+00	2.12E-06	9.83E-04	1.87E-03	0.00E+00	-1.01E-04	2.51E-10	1.03E-08	7.45E-03	3.93E-01	0.00E+00	0.00E+00	9.93E-01	1.41E-03	1.63E+00	0.00E+00	1.33E-08	7.24E-09	5.37E-04	4.79E-08	1.80E-01	0.00E+00	1.63E+00	6.55E-07	1.63E+00	1.80E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.67E+01
NB163A	1.76E-03	2.02E-01	7.63E-03	1.92E-01	2.87E-12	0.00E+00	1.17E+00	2.11E-06	1.39E-03	1.84E-03	0.00E+00	-1.04E-04	2.54E-10	1.26E-08	7.47E-03	3.90E-01	0.00E+00	0.00E+00	9.73E-01	1.44E-03	1.61E+00	0.00E+00	1.32E-08	7.13E-09	5.25E-04	4.86E-08	1.75E-01	0.00E+00	1.61E+00	6.67E-07	1.61E+00	1.79E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
NB206A	2.16E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	2.17E+00	4.14E-06	5.92E-04	2.77E-03	0.00E+00	-2.63E-04	3.88E-10	9.90E-09	1.43E-02	6.06E-01	0.00E+00	0.00E+00	1.59E+00	3.92E-03	3.17E+00	0.00E+00	2.58E-08	1.19E-08	8.78E-04	1.34E-07	2.88E-01	0.00E+00	3.17E+00	5.39E-07	3.17E+00	3.44E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.59E+01

NB210A	1.43E-03	3.04E-01	1.18E-02	2.89E-01	2.87E-12	0.00E+00	1.77E+00	3.54E-06	7.51E-04	2.77E-03	0.00E+00	-2.54E-04	3.27E-10	8.22E-09	1.12E-02	5.86E-01	0.00E+00	0.00E+00	1.41E+00	3.71E-03	2.67E+00	0.00E+00	2.08E-08	9.99E-09	7.49E-04	1.25E-07	2.43E-01	0.00E+00	2.67E+00	6.01E-07	2.67E+00	2.92E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
NB213A	1.62E-03	3.24E-01	8.65E-03	3.13E-01	2.87E-12	0.00E+00	1.83E+00	3.46E-06	7.42E-04	2.81E-03	0.00E+00	-1.46E-04	3.11E-10	9.10E-09	1.18E-02	4.84E-01	0.00E+00	0.00E+00	1.41E+00	1.97E-03	2.52E+00	0.00E+00	2.01E-08	9.94E-09	7.36E-04	9.03E-08	2.49E-01	0.00E+00	2.52E+00	4.88E-07	2.52E+00	2.77E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
NB216A	1.47E-03	3.04E-01	1.19E-02	2.89E-01	2.87E-12	0.00E+00	1.78E+00	3.58E-06	7.80E-04	2.77E-03	0.00E+00	-2.57E-04	3.30E-10	8.48E-09	1.15E-02	5.86E-01	0.00E+00	0.00E+00	1.41E+00	4.03E-03	2.67E+00	0.00E+00	2.08E-08	1.01E-08	7.49E-04	1.32E-07	2.44E-01	0.00E+00	2.67E+00	6.01E-07	2.67E+00	2.92E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
NB220A	1.52E-03	3.03E-01	1.19E-02	2.88E-01	2.87E-12	0.00E+00	1.97E+00	3.74E-06	7.86E-04	2.77E-03	0.00E+00	-2.66E-04	3.60E-10	8.72E-09	1.19E-02	5.99E-01	0.00E+00	0.00E+00	1.45E+00	4.05E-03	2.70E+00	0.00E+00	2.12E-08	1.02E-08	7.52E-04	1.28E-07	2.49E-01	0.00E+00	2.70E+00	6.27E-07	2.70E+00	2.94E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.21E+01
NB225A	2.34E-03	3.71E-01	1.24E-02	3.52E-01	2.87E-12	0.00E+00	2.20E+00	4.29E-06	1.10E-03	3.35E-03	0.00E+00	-2.69E-04	3.96E-10	1.27E-08	1.46E-02	6.19E-01	0.00E+00	0.00E+00	1.65E+00	4.17E-03	3.27E+00	0.00E+00	2.68E-08	1.23E-08	9.43E-04	1.29E-07	2.99E-01	0.00E+00	3.27E+00	6.36E-07	3.27E+00	3.48E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
NB232A	2.90E-03	3.75E-01	1.32E-02	3.59E-01	2.87E-12	0.00E+00	2.23E+00	4.33E-06	1.45E-03	3.40E-03	0.00E+00	-3.33E-04	4.00E-10	1.61E-08	1.47E-02	7.16E-01	0.00E+00	0.00E+00	1.82E+00	4.20E-03	3.30E+00	0.00E+00	2.69E-08	1.30E-08	9.47E-04	1.33E-07	3.20E-01	0.00E+00	3.30E+00	6.28E-07	3.30E+00	3.52E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.77E+01
NB240A	3.25E-03	3.76E-01	1.30E-02	3.59E-01	2.87E-12	0.00E+00	2.22E+00	4.24E-06	1.78E-03	3.39E-03	0.00E+00	-3.36E-04	4.04E-10	2.04E-08	1.47E-02	7.34E-01	0.00E+00	0.00E+00	1.81E+00	4.41E-03	3.20E+00	0.00E+00	2.63E-08	1.31E-08	9.60E-04	1.40E-07	3.22E-01	0.00E+00	3.20E+00	6.09E-07	3.20E+00	3.48E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
NB250A	3.14E-03	3.75E-01	1.44E-02	3.53E-01	2.87E-12	0.00E+00	2.30E+00	4.29E-06	1.58E-03	3.38E-03	0.00E+00	-4.32E-04	4.32E-10	1.81E-08	1.50E-02	7.63E-01	0.00E+00	0.00E+00	1.86E+00	4.78E-03	3.23E+00	0.00E+00	2.64E-08	1.31E-08	9.65E-04	1.52E-07	3.27E-01	0.00E+00	3.23E+00	5.96E-07	3.23E+00	3.50E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
NB263A	4.23E-03	3.69E-01	1.51E-02	3.45E-01	2.87E-12	0.00E+00	2.31E+00	4.30E-06	2.40E-03	3.37E-03	0.00E+00	-4.77E-04	4.32E-10	2.73E-08	1.50E-02	7.89E-01	0.00E+00	0.00E+00	1.88E+00	5.77E-03	3.24E+00	0.00E+00	2.65E-08	1.31E-08	9.60E-04	1.84E-07	3.27E-01	0.00E+00	3.24E+00	6.85E-07	3.24E+00	3.52E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	7.02E+01
NB306A	2.23E-03	4.80E-01	1.33E-02	4.67E-01	2.87E-12	0.00E+00	2.69E+00	4.95E-06	9.08E-04	4.19E-03	0.00E+00	-2.52E-04	4.75E-10	1.13E-08	1.73E-02	6.80E-01	0.00E+00	0.00E+00	1.99E+00	3.23E-03	3.62E+00	0.00E+00	2.90E-08	1.41E-08	1.12E-03	1.20E-07	3.53E-01	0.00E+00	3.62E+00	7.19E-07	3.62E+00	3.98E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
NB310A	2.36E-03	4.51E-01	1.42E-02	4.42E-01	2.87E-12	0.00E+00	3.23E+00	5.23E-06	1.13E-03	4.20E-03	0.00E+00	-3.48E-04	5.05E-10	1.26E-08	1.86E-02	6.99E-01	0.00E+00	0.00E+00	1.83E+00	4.90E-03	3.76E+00	0.00E+00	3.07E-08	1.23E-08	1.09E-03	1.54E-07	3.34E-01	0.00E+00	3.76E+00	7.30E-07	3.76E+00	4.08E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.57E+01
NB313A	2.35E-03	4.89E-01	2.45E-02	4.74E-01	2.87E-12	0.00E+00	2.78E+00	5.16E-06	1.08E-03	4.23E-03	0.00E+00	-2.14E-04	4.84E-10	1.25E-08	1.79E-02	6.59E-01	0.00E+00	0.00E+00	1.98E+00	2.84E-03	3.74E+00	0.00E+00	3.02E-08	1.45E-08	1.12E-03	1.10E-07	3.66E-01	0.00E+00	3.74E+00	3.82E-07	3.74E+00	4.10E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
NB316A	2.65E-03	4.37E-01	1.47E-02	4.37E-01	2.87E-12	0.00E+00	3.24E+00	5.33E-06	1.18E-03	4.20E-03	0.00E+00	-3.47E-04	5.11E-10	1.47E-08	1.92E-02	7.36E-01	0.00E+00	0.00E+00	1.91E+00	4.94E-03	3.79E+00	0.00E+00	3.09E-08	1.29E-08	1.09E-03	1.57E-07	3.49E-01	0.00E+00	3.79E+00	7.58E-07	3.79E+00	4.15E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.17E+01
NB320A	2.84E-03	4.27E-01	1.49E-02	4.30E-01	2.87E-12	0.00E+00	3.27E+00	5.44E-06	1.26E-03	4.22E-03	0.00E+00	-3.93E-04	5.21E-10	1.63E-08	1.97E-02	7.51E-01	0.00E+00	0.00E+00	1.98E+00	5.23E-03	3.92E+00	0.00E+00	3.19E-08	1.33E-08	1.09E-03	1.55E-07	3.64E-01	0.00E+00	3.92E+00	7.98E-07	3.92E+00	4.22E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
NB325A	2.90E-03	5.01E-01	2.60E-02	4.86E-01	2.87E-12	0.00E+00	2.95E+00	5.58E-06	1.53E-03	4.36E-03	0.00E+00	-2.24E-04	5.38E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.96E-03	4.02E+00	0.00E+00	3.21E-08	1.63E-08	1.15E-03	1.11E-07	4.11E-01	0.00E+00	4.02E+00	3.65E-07	4.02E+00	4.42E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
NB332A	4.66E-03	5.51E-01	1.89E-02	5.37E-01	2.87E-12	0.00E+00	3.30E+00	5.93E-06	2.72E-03	4.95E-03	0.00E+00	-4.78E-04	5.86E-10	2.92E-08	2.07E-02	1.08E+00	0.00E+00	0.00E+00	2.72E+00	6.26E-03	4.43E+00	0.00E+00	3.61E-08	1.99E-08	1.43E-03	1.84E-07	4.88E-01	0.00E+00	4.43E+00	8.10E-07	4.43E+00	4.82E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NB340A	4.73E-03	5.57E-01	2.07E-02	5.42E-01	2.87E-12	0.00E+00	3.36E+00	5.83E-06	2.80E-03	5.02E-03	0.00E+00	-5.53E-04	5.91E-10	2.97E-08	2.07E-02	1.10E+00	0.00E+00	0.00E+00	2.77E+00	7.42E-03	4.41E+00	0.00E+00	3.63E-08	2.03E-08	1.44E-03	2.27E-07	4.92E-01	0.00E+00	4.41E+00	8.06E-07	4.41E+00	4.82E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NB350A	5.13E-03	5.74E-01	2.31E-02	5.61E-01	2.87E-12	0.00E+00	3.61E+00	6.49E-06	3.00E-03	5.16E-03	0.00E+00	-7.37E-04	6.19E-10	3.29E-08	2.19E-02	1.20E+00	0.00E+00	0.00E+00	3.02E+00	7.91E-03	4.86E+00	0.00E+00	3.91E-08	2.10E-08	1.50E-03	2.44E-07	5.38E-01	0.00E+00	4.86E+00	7.64E-07	4.86E+00	5.36E+00	5.38E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NB363A	5.15E-03	5.64E-01	2.30E-02	5.60E-01	2.87E-12	0.00E+00	3.61E+00	6.51E-06	3.01E-03	5.15E-03	0.00E+00	-7.39E-04	6.21E-10	3.30E-08	2.19E-02	1.21E+00	0.00E+00	0.00E+00	3.03E+00	8.38E-03	4.86E+00	0.00E+00	3.91E-08	2.12E-08	1.50E-03	2.49E-07	5.41E-01	0.00E+00	4.86E+00	8.72E-07	4.86E+00	5.36E+00	5.41E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
NB406A	3.14E-03	6.13E-01	3.50E-02	5.98E-01	2.87E-12	0.00E+00	3.43E+00	6.42E-06	1.11E-03	5.39E-03	0.00E+00	-3.00E-04	6.19E-10	1.47E-08	2.24E-02	9.20E-01	1.83E-06	8.31E-06	2.60E+00	4.09E-03	4.74E+00	0.00E+00	3.80E-08	1.80E-08	1.39E-03	2.46E-07	4.60E-01	0.00E+00	4.74E+00	9.21E-07	4.74E+00	5.21E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
NB410A	3.30E-03	6.08E-01	3.51E-02	5.92E-01	2.87E-12	0.00E+00	3.47E+00	6.56E-06	1.42E-03	5.38E-03	0.00E+00	-3.00E-04	6.41E-10	1.72E-08	2.27E-02	9.40E-01	1.83E-06	8.31E-06	2.68E+00	4.14E-03	4.77E+00	0.00E+00	3.83E-08	1.81E-08	1.40E-03	2.49E-07	4.69E-01	0.00E+00	4.77E+00	9.47E-07	4.77E+00	5.24E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.61E+01
NB413A	4.92E-03	6.60E-01	3.02E-02	6.35E-01	2.87E-12	0.00E+00	4.27E+00	7.86E-06	2.62E-03	6.00E-03	0.00E+00	-2.92E-04	7.99E-10	2.90E-08	2.69E-02	1.33E+00	0.00E+00	0.00E+00	3.57E+00	3.99E-03	5.84E+00	0.00E+00	4.64E-08	2.45E-08	1.54E-03	1.54E-07	6.33E-01	0.00E+00	5.84E+00	4.04E-07	5.84E+00	6.49E+00	6.33E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NB416A	3.58E-03	6.17E-01	3.55E-02	6.01E-01	2.87E-12	0.00E+00	3.53E+00	6.65E-06	1.69E-03	5.46E-03	0.00E+00	-3.02E-04	6.58E-10	2.03E-08	2.28E-02	9.88E-01	1.83E-06	8.31E-06	2.76E+00	4.15E-03	4.85E+00	0.00E+00	3.89E-08	1.92E-08	1.46E-03	2.50E-07	4.90E-01	0.00E+00	4.85E+00	9.67E-07	4.85E+00	5.36E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NB420A	3.66E-03	6.24E-01	3.65E-02	6.07E-01	2.87E-12	0.00E+00	3.76E+00	7.07E-06	1.79E-03	5.50E-03	0.00E+00	-3.03E-04	6.65E-10	2.10E-08	2.38E-02	1.01E+00	1.83E-06	8.31E-06	2.79E+00	4.15E-03	5.11E+00	0.00E+00	4.07E-08	1.98E-08	1.49E-03	2.54E-07	4.94E-01	0.00E+00	5.11E+00	9.73E-07	5.11E+00	5.61E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NB425A	4.12E-03	6.41E-01	3.86E-02	6.20E-01	2.87E-12	0.00E+00	3.96E+00	7.38E-06	2.14E-03	5.79E-03	0.00E+00	-3.15E-04	7.23E-10	2.49E-08	2.51E-02	1.17E+00	1.83E-06	8.31E-06	3.15E+00	4.19E-03	5.39E+00	0.00E+00	4.30E-08	2.18E-08	1.55E-03	2.65E-07	5.57E-01	0.00E+00	5.39E+00	9.58E-07	5.39E+00	5.95E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NB432A	6.18E-03	7.97E-01	4.07E-02	7.58E-01	2.87E-12	0.00E+00	4.32E+00	7.86E-06	3.74E-03	7.16E-03	0.00E+00	-3.27E-04	8.21E-10	4.05E-08	2.76E-02	1.43E+00	1.83E-06	8.31E-06	3.69E+00	4.28E-03	6.07E+00	0.00E+00	4.93E-08	2.67E-08	1.98E-03	2.78E-07	6.53E-01	0.00E+00	6.07E+00	9.69E-07	6.07E+00	6.73E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NB440A	6.44E-03	7.85E-01	4.06E-02	7.45E-01	2.87E-12	0.00E+00	4.37E+00	7.87E-06	3.79E-03	7.05E-03	0.00E+00	-4.59E-04	8.39E-10	4.12E-08	2.75E-02	1.44E+00	1.83E-06	8.31E-06	3.67E+00	6.05E-03	6.02E+00	0.00E+00	4.88E-08	2.64E-08	1.96E-03	2.98E-07	6.48E-01	0.00E+00	6.02E+00	9.54E-07	6.02E+00	6.66E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
NB450A	6.82E-03	8.05E-01	2.94E-02	7.77E-01	2.87E-12	0.00E+00	4.80E+00	8.81E-06	4.08E-03	7.27E-03	0.00E+00	-7.75E-04	9.11E-10	4.59E-08	2.94E-02	1.58E+00	0.00E+00	0.00E+00	3.89E+00	8.20E-03	6.29E+00	0.00E+00	5.05E-08	2.78E-08	2.09E-03	2.62E-07	6.84E-01	0.00E+00	6.29E+00	9.65E-07	6.29E+00	6.96E+00	6.84E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NB463A	7.42E-03	8.09E-01	2.99E-02	7.80E-01	2.87E-12	0.00E+00	4.92E+00	8.84E-06	4.46E-03	7.29E-03	0.00E+00	-7.79E-04	9.23E-10	4.97E-08	2.97E-02	1.62E+00	0.00E+00	0.00E+00	3.92E+00	8.55E-03	6.32E+00	0.00E+00	5.07E-08	2.81E-08	2.10E-03	2.63E-07	6.90E-01	0.00E+00	6.32E+00	1.15E-06	6.32E+00	6.98E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NBN006	8.44E-04	1.69E-01	5.71E-03	1.64E-01	2.87E-12	0.00E+00	9.36E-01	1.73E-06	3.75E-04	1.49E-03	0.00E+00	-1.77E-04	1.71E-10	4.76E-09	6.00E-03	2.58E-01	0.00E+00	0.00E+00	7.25E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.36E-09	3.94E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.39E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NBN010	8.53E-04	1.67E-01	5.68E-03	1.61E-01	2.87E-12	0.00E+00	9.33E-01	1.74E-06	4.02E-04	1.49E-03	0.00E+00	-1.76E-04	1.72E-10	4.93E-09	5.98E-03	2.59E-01	0.00E+00	0.00E+00	7.26E-01	2.60E-03	1.29E+00	0.00E+00	1.04E-08	5.35E-09	3.90E-04	7.67E-08	1.29E-01	0.00E+00	1.29E+00	2.37E-07	1.29E+00	1.42E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NBN013	8.94E-04	1.68E-01	5.84E-03	1.62E-01	2.87E-12	0.00E+00	9.48E-01	1.77E-06	4.20E-04	1.49E-03	0.00E+00	-1.71E-04	1.76E-10	5.04E-09	6.06E-03	2.66E-01	0.00E+00	0.00E+00	7.52E-01	2.54E-03	1.31E+00	0.00E+00	1.06E-08	5.40E-09	3.91E-04	7.60E-08	1.34E-01	0.00E+00	1.31E+00	2.44E-07	1.31E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NBN016	8.95E-04	1.67E-01	5.76E-03	1.61E-01	2.87E-12	0.00E+00	9.69E-01	1.81E-06	4.26E-04	1.46E-03	0.00E+00	-1.71E-04	1.79E-10	5.16E-09	6.15E-03	2.63E-01	0.00E+00	0.00E+00	7.53E-01	2.54E-03	1.33E+00	0.00E+00	1.07E-08	5.34E-09	3.93E-04	7.42E-08	1.33E-01	0.00E+00	1.33E+00	2.50E-07	1.33E+00	1.46E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NBN020	1.09E-03	1.81E-01	6.36E-03	1.75E-01	2.87E-12	0.00E+00	1.03E+00	1.82E-06	5.52E-04	1.59E-03	0.00E+00	-1.37E-04	2.12E-10	6.42E-09	6.65E-03	2.79E-01	0.00E+00	0.00E+00	8.15E-01	1.61E-03	1.39E+00	0.00E+00	1.13E-08	5.94E-09	4.32E-04	6.22E-08	1.45E-01	0.00E+00	1.39E+00	2.81E-07	1.39E+00	1.54E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
NBN025	1.39E-03	1.71E-01	6.02E-03	1.64E-01	2.87E-12	0.00E+00	1.03E+00	1.91E-06	7.07E-04	1.52E-03	0.00E+00	-1.71E-04	1.88E-10	8.12E-09	6.41E-03	3.15E-01	0.00E+00	0.00E+00	8.70E-01	2.53E-03	1.39E+00	0.00E+00	1.11E-08	5.81E-09	4.23E-04	7.42E-08	1.54E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
NBN032	1.46E-03	1.87E-01	6.40E-03	1.82E-01	2.87E-12	0.00E+00	1.07E+00	2.00E-06	8.78E-04	1.59E-03	0.00E+00	-1.71E-04	2.01E-10	9.56E-09	6.73E-03	3.30E-01	0.00E+00	0.00E+00	9.07E-01	2.53E-03	1.47E+00	0.00E+00	1.20E-08	6.26E-09	4.51E-04	7.42E-08	1.60E-01	0.00E+00	1.47E+00	2.49E-07	1.47E+00	1.63E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
NBN040	1.49E-03	1.97E-01	6.89E-03	1.90E-01	2.87E-12	0.00E+00	1.09E+00	2.00E-06	9.15E-04	1.73E-03	0.00E+00	-1.88E-04	2.07E-10	9.75E-09	6.85E-03	3.48E-01	0.00E+00	0.00E+00	9.21E-01	2.69E-03	1.49E+00	0.00E+00	1.21E-08	6.34E-09	4.71E-04	7.50E-08	1.62E-01	0.00E+00	1.49E+00	2.46E-07	1.49E+00	1.65E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NBN050	1.54E-03	1.98E-01	7.03E-03	1.91E-01	2.87E-12	0.00E+00	1.14E+00	2.05E-06	7.89E-04	1.73E-03	0.00E+00	-1.87E-04	2.09E-10	9.67E-09	6.96E-03	3.67E-01	0.00E+00	0.00E+00	9.51E-01	2.69E-03	1.49E+00	0.00E+00	1.22E-08	6.68E-09	4.76E-04	7.51E-08	1.70E-01	0.00E+00	1.49E+00	2.44E-07	1.49E+00	1.66E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NBN063	1.67E-03	1.99E-01	7.16E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	2.08E-06	1.18E-03	1.74E-03	0.00E+00	-1.86E-04	2.08E-10	1.20E-08	7.01E-03	3.77E-01	0.00E+00	0.00E+00	9.58E-01	2.69E-03	1.50E+00	0.00E+00	1.23E-08	6.72E-09	4.77E-04	7.50E-08	1.71E-01	0.00E+00	1.50E+00	2.44E-07	1.50E+00	1.67E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NBN106	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.16E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.98E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NBN106A	7.68E-04	1.80E-01	6.02E-03	1.74E-01	0.00E+00	0.00E+00	9.15E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-2.57E-04	1.66E-10	3.95E-09	6.09E-03	2.42E-01	0.00E+00	0.00E+00	6.97E-01	3.40E-03	1.31E+00	0.00E+00	1.06E-08	5.18E-09	3.99E-04	9.59E-08	1.24E-01	0.00E+00	1.31E+00	2.44E-07	1.31E+00	1.43E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NBN106N	9.90E-04	1.68E-01	5.04E-03	1.62E-01	2.87E-12	0.00E+00	8.88E-01	1.65E-06	4.65E-04	1.42E-03	0.00E+00	-8.91E-05	1.61E-10	5.81E-09	5.72E-03	2.45E-01	0.00E+00	0.00E+00	6.91E-01	1.57E-03	1.26E+00	0.00E+00	1.01E-08	5.21E-09	3.70E-04	5.29E-08	1.24E-01	0.00E+00	1.26E+00	2.38E-07	1.26E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NBN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.35E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NBN110A	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.35E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NBN110N	7.85E-04	1.64E-01	4.79E-03	1.59E-01	2.87E-12	0.00E+00	8.52E-01	1.62E-06	3.52E-04	1.38E-03	0.00E+00	-8.72E-05	1.56E-10	4.34E-09	5.44E-03	2.22E-01	0.00E+00	0.00E+00	6.63E-01	1.52E-03	1.19E+00	0.00E+00	9.51E-09	4.76E-09	3.56E-04	5.22E-08	1.17E-01	0.00E+00	1.19E+00	2.37E-07	1.19E+00	1.31E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
NBN113	8.89E-04	1.67E-01	5.72E-03	1.61E-01	2.87E-12	0.00E+00	9.36E-01	1.75E-06	4.20E-04	1.48E-03	0.00E+00	-1.98E-04	1.75E-10	5.04E-09	5.99E-03	2.61E-01	0.00E+00	0.00E+00	7.30E-01	2.60E-03	1.30E+00	0.00E+00	1.05E-08	5.35E-09	3.89E-04	7.68E-08	1.30E-01	0.00E+00	1.30E+00	2.38E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NBN116	8.74E-04	1.67E-01	6.13E-03	1.60E-01	0.00E+00	0.00E+00	9.60E-01	1.80E-06	4.18E-04	1.45E-03	0.00E+00	-2.43E-04	1.74E-10	5.04E-09	6.10E-03	2.56E-01	0.00E+00	0.00E+00	7.36E-01	3.23E-03	1.30E+00	0.00E+00	1.05E-08	5.18E-09	3.84E-04	9.12E-08	1.30E-01	0.00E+00	1.30E+00	2.30E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
NBN116A	8.80E-04	1.66E-01	6.26E-03	1.60E-01	0.00E+00	0.00E+00	9.65E-01	1.83E-06	4.18E-04	1.45E-03	0.00E+00	-2.57E-04	1.79E-10	5.05E-09	6.16E-03	2.59E-01	0.00E+00	0.00E+00	7.52E-01	3.40E-03	1.32E+00	0.00E+00	1.06E-08	5.26E-09	3.85E-04	9.54E-08	1.32E-01	0.00E+00	1.32E+00	2.44E-07	1.32E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NBN116N	8.47E-04	1.66E-01	4.99E-03	1.61E-01	2.87E-12	0.00E+00	8.68E-01	1.64E-06	3.99E-04	1.42E-03	0.00E+00	-8.71E-05	1.62E-10	4.78E-09	5.53E-03	2.40E-01	0.00E+00	0.00E+00	6.85E-01	1.51E-03	1.22E+00	0.00E+00	9.77E-09	5.06E-09	3.72E-04	5.22E-08	1.21E-01	0.00E+00	1.22E+00	2.38E-07	1.22E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
NBN120	1.02E-03	1.69E-01	6.06E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.93E-06	5.04E-04	1.50E-03	0.00E+00	-1.92E-04	1.88E-10	6.49E-09	6.37E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.55E-03	1.39E+00	0.00E+00	1.11E-08	5.59E-09	4.02E-04	7.43E-08	1.43E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NBN120A	1.21E-03	1.73E-01	6.93E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	1.99E-06	6.59E-04	1.53E-03	0.00E+00	-2.57E-04	2.00E-10	7.58E-09	6.55E-03	3.08E-01	0.00E+00	0.00E+00	8.57E-01	3.40E-03	1.43E+00	0.00E+00	1.14E-08	5.89E-09	4.23E-04	9.59E-08	1.50E-01	0.00E+00	1.43E+00	2.42E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NBN120N	9.93E-04	1.67E-01	5.09E-03	1.62E-01	2.87E-12	0.00E+00	8.99E-01	1.68E-06	4.77E-04	1.43E-03	0.00E+00	-8.70E-05	1.67E-10	5.85E-09	5.75E-03	2.51E-01	0.00E+00	0.00E+00	7.15E-01	1.49E-03	1.27E+00	0.00E+00	1.02E-08	5.27E-09	3.76E-04	5.23E-08	1.26E-01	0.00E+00	1.27E+00	2.37E-07	1.27E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
NBN125	1.36E-03	1.69E-01	6.00E-03	1.62E-01	2.87E-12	0.00E+00	1.02E+00	1.90E-06	7.06E-04	1.51E-03	0.00E+00	-1.88E-04	1.87E-10	7.93E-09	6.37E-03	3.16E-01	0.00E+00	0.00E+00	8.68E-01	2.52E-03	1.39E+00	0.00E+00	1.11E-08	5.81E-09	4.19E-04	7.36E-08	1.53E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
NBN125A	1.38E-03	1.69E-01	6.00E-03	1.62E-01	2.87E-12	0.00E+00	1.02E+00	1.89E-06	7.07E-04	1.50E-03	0.00E+00	-1.64E-04	1.86E-10	8.08E-09	6.28E-03	3.12E-01	0.00E+00	0.00E+00	8.61E-01	2.48E-03	1.36E+00	0.00E+00	1.09E-08	5.74E-09	4.16E-04	7.44E-08	1.52E-01	0.00E+00	1.36E+00	2.50E-07	1.36E+00	1.50E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
NBN125N	1.10E-03	1.74E-01	5.70E-03	1.66E-01	2.87E-12	0.00E+00	1.00E+00	1.84E-06	5.21E-04	1.52E-03	0.00E+00	-8.90E-05	1.85E-10	6.70E-09	6.20E-03	2.80E-01	0.00E+00	0.00E+00	7.95E-01	1.59E-03	1.37E+00	0.00E+00	1.09E-08	5.67E-09	4.05E-04	5.35E-08	1.42E-01	0.00E+00	1.37E+00	2.50E-07	1.37E+00	1.49E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
NBN132	1.47E-03	1.87E-01	6.46E-03	1.82E-01	2.87E-12	0.00E+00	1.08E+00	2.00E-06	8.82E-04	1.59E-03	0.00E+00	-1.71E-04	2.02E-10	9.72E-09	6.73E-03	3.32E-01	0.00E+00	0.00E+00	9.13E-01	2.53E-03	1.47E+00	0.00E+00	1.20E-08	6.26E-09	4.50E-04	7.42E-08	1.60E-01	0.00E+00	1.47E+00	2.49E-07	1.47E+00	1.63E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
NBN132A	1.49E-03	1.96E-01	7.47E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-2.57E-04	2.14E-10	9.47E-09	6.93E-03	3.49E-01	0.00E+00	0.00E+00	9.27E-01	3.40E-03	1.53E+00	0.00E+00	1.24E-08	6.55E-09	4.82E-04	9.70E-08	1.64E-01	0.00E+00	1.53E+00	2.40E-07	1.53E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NBN132N	1.33E-03	1.96E-01	6.60E-03	1.88E-01	2.87E-12	0.00E+00	1.10E+00	1.93E-06	9.16E-04	1.74E-03	0.00E+00	-1.14E-04	2.11E-10	9.50E-09	7.02E-03	3.44E-01	0.00E+00	0.00E+00	9.26E-01	1.82E-03	1.52E+00	0.00E+00	1.27E-08	7.00E-09	5.14E-04	6.06E-08	1.71E-01	0.00E+00	1.52E+00	5.30E-07	1.52E+00	1.69E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
NBN140	1.24E-03	1.91E-01	6.78E-03	1.83E-01	2.87E-12	0.00E+00	1.09E+00	1.87E-06	8.13E-04	1.70E-03	0.00E+00	-1.48E-04	2.18E-10	8.34E-09	6.87E-03	3.22E-01	0.00E+00	0.00E+00	8.62E-01	1.68E-03	1.45E+00	0.00E+00	1.18E-08	6.33E-09	4.65E-04	6.25E-08	1.51E-01	0.00E+00	1.45E+00	2.44E-07	1.45E+00	1.61E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
NBN140A	1.49E-03	1.96E-01	6.82E-03	1.88E-01	2.87E-12	0.00E+00	1.09E+00	2.00E-06	9.15E-04	1.71E-03	0.00E+00	-1.85E-04	2.06E-10	9.70E-09	6.84E-03	3.47E-01	0.00E+00	0.00E+00	9.20E-01	2.63E-03	1.48E+00	0.00E+00	1.21E-08	6.33E-09	4.71E-04	7.51E-08	1.62E-01	0.00E+00	1.48E+00	2.47E-07	1.48E+00	1.65E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NBN140N	1.46E-03	1.79E-01	6.07E-03	1.74E-01	2.87E-12	0.00E+00	1.08E+00	1.90E-06	9.29E-04	1.59E-03	0.00E+00	-9.64E-05	1.92E-10	1.02E-08	6.39E-03	3.40E-01	0.00E+00	0.00E+00	9.33E-01	1.71E-03	1.43E+00	0.00E+00	1.15E-08	6.47E-09	4.53E-04	5.57E-08	1.68E-01	0.00E+00	1.43E+00	2.50E-07	1.43E+00	1.57E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NBN150	1.44E-03	2.02E-01	7.34E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	1.92E-06	9.42E-04	1.73E-03	0.00E+00	-2.17E-04	2.27E-10	9.89E-09	6.81E-03	3.66E-01	0.00E+00	0.00E+00	9.25E-01	2.67E-03	1.49E+00	0.00E+00	1.22E-08	6.71E-09	4.81E-04	8.13E-08	1.64E-01	0.00E+00	1.49E+00	2.55E-07	1.49E+00	1.66E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NBN150A	1.44E-03	2.02E-01	7.34E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	1.92E-06	9.42E-04	1.73E-03	0.00E+00	-2.17E-04	2.27E-10	9.89E-09	6.81E-03	3.67E-01	0.00E+00	0.00E+00	9.25E-01	2.67E-03	1.49E+00	0.00E+00	1.22E-08	6.71E-09	4.81E-04	8.13E-08	1.64E-01	0.00E+00	1.49E+00	2.55E-07	1.49E+00	1.66E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NBN150N	1.51E-03	1.79E-01	6.37E-03	1.74E-01	2.87E-12	0.00E+00	1.14E+00	1.93E-06	9.30E-04	1.59E-03	0.00E+00	-1.48E-04	1.93E-10	1.04E-08	6.42E-03	3.56E-01	0.00E+00	0.00E+00	9.40E-01	1.90E-03	1.44E+00	0.00E+00	1.16E-08	6.48E-09	4.54E-04	5.87E-08	1.71E-01	0.00E+00	1.44E+00	2.51E-07	1.44E+00	1.58E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
NBN163	1.66E-03	1.98E-01	7.73E-03	1.89E-01	2.87E-12	0.00E+00	1.16E+00	1.92E-06	1.10E-03	1.75E-03	0.00E+00	-1.61E-04	2.36E-10	1.15E-08	7.11E-03	3.63E-01	0.00E+00	0.00E+00	9.06E-01	2.23E-03	1.47E+00	0.00E+00	1.19E-08	6.65E-09	4.75E-04	6.65E-08	1.61E-01	0.00E+00	1.47E+00	2.46E-07	1.47E+00	1.64E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
NBN163A	1.66E-03	1.96E-01	7.64E-03	1.87E-01	2.87E-12	0.00E+00	1.16E+00	1.92E-06	1.10E-03	1.73E-03	0.00E+00	-1.61E-04	2.34E-10	1.15E-08	7.04E-03	3.63E-01	0.00E+00	0.00E+00	9.06E-01	1.99E-03	1.47E+00	0.00E+00	1.19E-08	6.65E-09	4.75E-04	6.54E-08	1.61E-01	0.00E+00	1.47E+00	2.42E-07	1.47E+00	1.64E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
NBN163N	1.66E-03	1.79E-01	6.52E-03	1.74E-01	2.87E-12	0.00E+00	1.14E+00	1.93E-06	1.31E-03	1.59E-03	0.00E+00	-1.59E-04	1.93E-10	1.18E-08	6.42E-03	3.58E-01	0.00E+00	0.00E+00	9.43E-01	2.11E-03	1.44E+00	0.00E+00	1.16E-08	6.48E-09	4.54E-04	6.12E-08	1.72E-01	0.00E+00	1.44E+00	2.55E-07	1.44E+00	1.58E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NBN163R	1.67E-03	1.99E-01	7.16E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	2.08E-06	1.21E-03	1.75E-03	0.00E+00	-1.87E-04	2.09E-10	1.20E-08	7.02E-03	3.77E-01	0.00E+00	0.00E+00	9.59E-01	2.71E-03	1.50E+00	0.00E+00	1.23E-08	6.72E-09	4.77E-04	7.50E-08	1.72E-01	0.00E+00	1.50E+00	2.43E-07	1.50E+00	1.67E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.52E+01
NBN206	1.37E-03	3.03E-01	1.14E-02	2.88E-01	2.87E-12	0.00E+00	1.86E+00	3.43E-06	5.57E-04	2.78E-03	0.00E+00	-2.30E-04	3.19E-10	7.36E-09	1.18E-02	6.00E-01	0.00E+00	0.00E+00	1.36E+00	3.23E-03	2.55E+00	0.00E+00	2.06E-08	9.93E-09	7.52E-04	1.28E-07	2.42E-01	0.00E+00	2.55E+00	4.08E-07	2.55E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
NBN206A	1.37E-03	3.02E-01	1.14E-02	2.87E-01	2.87E-12	0.00E+00	1.86E+00	3.44E-06	5.59E-04	2.78E-03	0.00E+00	-2.30E-04	3.19E-10	7.37E-09	1.18E-02	6.01E-01	0.00E+00	0.00E+00	1.36E+00	3.19E-03	2.55E+00	0.00E+00	2.05E-08	9.93E-09	7.55E-04	1.28E-07	2.42E-01	0.00E+00	2.55E+00	4.08E-07	2.55E+00	2.81E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
NBN206N	1.29E-03	3.06E-01	9.34E-03	2.92E-01	2.87E-12	0.00E+00	1.74E+00	3.30E-06	5.49E-04	2.79E-03	0.00E+00	-2.10E-04	3.15E-10	7.43E-09	1.11E-02	5.20E-01	0.00E+00	0.00E+00	1.36E+00	3.46E-03	2.50E+00	0.00E+00	2.02E-08	9.87E-09	7.46E-04	8.81E-08	2.41E-01	0.00E+00	2.50E+00	4.23E-07	2.50E+00	2.79E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.84E+01
NBN210	1.38E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.82E+00	3.63E-06	7.47E-04	2.76E-03	0.00E+00	-2.36E-04	3.37E-10	8.60E-09	1.20E-02	6.20E-01	0.00E+00	0.00E+00	1.40E+00	3.45E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.28E-07	2.45E-01	0.00E+00	2.71E+00	5.70E-07	2.71E+00	2.94E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
NBN210A	2.25E-03	3.26E-01	1.14E-02	3.14E-01	0.00E+00	0.00E+00	1.86E+00	3.49E-06	7.16E-04	2.82E-03	0.00E+00	-4.29E-04	3.36E-10	8.80E-09	1.22E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	5.69E-03	2.54E+00	0.00E+00	2.04E-08	1.00E-08	7.42E-04	1.63E-07	2.50E-01	0.00E+00	2.54E+00	4.62E-07	2.54E+00	2.79E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
NBN210N	1.64E-03	2.93E-01	8.14E-03	2.80E-01	2.87E-12	0.00E+00	1.71E+00	3.26E-06	8.35E-04	2.62E-03	0.00E+00	-2.14E-04	3.04E-10	9.85E-09	1.11E-02	4.80E-01	0.00E+00	0.00E+00	1.38E+00	3.61E-03	2.45E+00	0.00E+00	1.96E-08	9.93E-09	6.81E-04	8.38E-08	2.43E-01	0.00E+00	2.45E+00	4.34E-07	2.45E+00	2.73E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
NBN213	1.39E-03	3.03E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.76E-06	7.22E-04	2.76E-03	0.00E+00	-2.40E-04	3.63E-10	8.58E-09	1.22E-02	6.16E-01	0.00E+00	0.00E+00	1.40E+00	3.46E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.25E-07	2.45E-01	0.00E+00	2.72E+00	5.89E-07	2.72E+00	2.95E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.17E+01
NBN216	1.45E-03	3.03E-01	1.25E-02	2.88E-01	2.87E-12	0.00E+00	1.88E+00	3.54E-06	7.39E-04	2.77E-03	0.00E+00	-2.29E-04	3.45E-10	8.93E-09	1.21E-02	6.08E-01	0.00E+00	0.00E+00	1.39E+00	3.25E-03	2.59E+00	0.00E+00	2.08E-08	1.03E-08	7.52E-04	1.26E-07	2.45E-01	0.00E+00	2.59E+00	4.28E-07	2.59E+00	2.85E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
NBN216A	1.42E-03	3.02E-01	1.25E-02	2.86E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.30E-04	2.76E-03	0.00E+00	-2.40E-04	3.65E-10	8.94E-09	1.22E-02	6.35E-01	0.00E+00	0.00E+00	1.42E+00	3.44E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.53E-04	1.26E-07	2.45E-01	0.00E+00	2.72E+00	5.38E-07	2.72E+00	2.95E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
NBN216N	1.68E-03	3.00E-01	8.51E-03	2.88E-01	2.87E-12	0.00E+00	1.76E+00	3.39E-06	8.74E-04	2.76E-03	0.00E+00	-2.15E-04	3.13E-10	1.01E-08	1.14E-02	5.18E-01	0.00E+00	0.00E+00	1.39E+00	3.63E-03	2.52E+00	0.00E+00	2.03E-08	1.01E-08	7.45E-04	8.38E-08	2.45E-01	0.00E+00	2.52E+00	4.33E-07	2.52E+00	2.81E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
NBN220	2.61E-03	2.99E-01	1.28E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.12E-06	8.42E-04	2.77E-03	0.00E+00	-2.44E-04	3.94E-10	1.37E-08	1.42E-02	6.34E-01	0.00E+00	0.00E+00	1.73E+00	3.40E-03	3.15E+00	0.00E+00	2.54E-08	1.34E-08	9.11E-04	1.24E-07	3.26E-01	0.00E+00	3.15E+00	4.29E-07	3.15E+00	3.45E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
NBN220A	2.62E-03	2.99E-01	1.28E-02	2.83E-01	2.87E-12	0.00E+00	2.22E+00	4.15E-06	8.45E-04	2.77E-03	0.00E+00	-2.44E-04	3.95E-10	1.37E-08	1.42E-02	6.34E-01	0.00E+00	0.00E+00	1.74E+00	3.36E-03	3.18E+00	0.00E+00	2.55E-08	1.34E-08	9.14E-04	1.24E-07	3.27E-01	0.00E+00	3.18E+00	4.29E-07	3.18E+00	3.47E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
NBN220N	1.70E-03	3.04E-01	9.36E-03	2.90E-01	2.87E-12	0.00E+00	1.77E+00	3.43E-06	8.81E-04	2.78E-03	0.00E+00	-2.21E-04	3.19E-10	1.04E-08	1.15E-02	5.33E-01	0.00E+00	0.00E+00	1.43E+00	3.64E-03	2.55E+00	0.00E+00	2.03E-08	1.01E-08	7.48E-04	8.68E-08	2.47E-01	0.00E+00	2.55E+00	4.37E-07	2.55E+00	2.82E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
NBN225	2.90E-03	3.00E-01	1.29E-02	2.86E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	1.49E-03	2.79E-03	0.00E+00	-2.58E-04	4.00E-10	1.73E-08	1.43E-02	7.06E-01	0.00E+00	0.00E+00	1.88E+00	3.64E-03	3.18E+00	0.00E+00	2.57E-08	1.36E-08	9.26E-04	1.23E-07	3.35E-01	0.00E+00	3.18E+00	5.32E-07	3.18E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
NBN225A	2.87E-03	2.99E-01	1.30E-02	2.83E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	1.48E-03	2.77E-03	0.00E+00	-2.57E-04	3.97E-10	1.74E-08	1.43E-02	7.04E-01	0.00E+00	0.00E+00	1.88E+00	3.62E-03	3.20E+00	0.00E+00	2.56E-08	1.35E-08	9.20E-04	1.23E-07	3.33E-01	0.00E+00	3.20E+00	5.32E-07	3.20E+00	3.52E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
NBN225N	2.00E-03	2.99E-01	1.17E-02	2.79E-01	2.87E-12	0.00E+00	2.10E+00	3.84E-06	1.14E-03	2.78E-03	0.00E+00	-2.40E-04	3.50E-10	1.24E-08	1.25E-02	5.90E-01	0.00E+00	0.00E+00	1.52E+00	4.04E-03	2.79E+00	0.00E+00	2.24E-08	1.08E-08	8.11E-04	1.30E-07	2.66E-01	0.00E+00	2.79E+00	4.38E-07	2.79E+00	3.05E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
NBN232	3.07E-03	3.94E-01	1.33E-02	3.82E-01	2.87E-12	0.00E+00	2.25E+00	4.25E-06	1.67E-03	3.46E-03	0.00E+00	-3.29E-04	4.11E-10	1.91E-08	1.45E-02	7.13E-01	0.00E+00	0.00E+00	1.94E+00	4.03E-03	3.18E+00	0.00E+00	2.60E-08	1.39E-08	9.78E-04	1.31E-07	3.45E-01	0.00E+00	3.18E+00	5.76E-07	3.18E+00	3.50E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01

NBN232A	2.84E-03	3.86E-01	1.20E-02	3.75E-01	2.87E-12	0.00E+00	2.12E+00	3.85E-06	1.47E-03	3.41E-03	0.00E+00	-2.97E-04	3.83E-10	1.74E-08	1.39E-02	6.97E-01	0.00E+00	0.00E+00	1.75E+00	1.80E-03	2.97E+00	0.00E+00	2.42E-08	1.28E-08	9.62E-04	1.10E-07	3.15E-01	0.00E+00	2.97E+00	5.60E-07	2.97E+00	3.30E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	6.50E+01
NBN232N	2.94E-03	2.92E-01	1.22E-02	2.75E-01	2.87E-12	0.00E+00	2.22E+00	4.29E-06	1.49E-03	2.85E-03	0.00E+00	-2.67E-04	3.64E-10	1.68E-08	1.45E-02	7.12E-01	0.00E+00	0.00E+00	1.76E+00	3.96E-03	3.31E+00	0.00E+00	2.66E-08	1.29E-08	9.10E-04	1.32E-07	3.14E-01	0.00E+00	3.31E+00	4.76E-07	3.31E+00	3.56E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.49E+01
NBN240	2.86E-03	3.89E-01	1.22E-02	3.75E-01	2.87E-12	0.00E+00	2.24E+00	4.23E-06	1.45E-03	3.41E-03	0.00E+00	-2.69E-04	3.74E-10	1.70E-08	1.42E-02	6.67E-01	0.00E+00	0.00E+00	1.81E+00	3.75E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.28E-07	3.40E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.47E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NBN240A	2.86E-03	3.89E-01	1.23E-02	3.75E-01	2.87E-12	0.00E+00	2.25E+00	4.25E-06	1.45E-03	3.42E-03	0.00E+00	-2.68E-04	3.74E-10	1.71E-08	1.42E-02	6.67E-01	0.00E+00	0.00E+00	1.82E+00	3.72E-03	3.20E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.28E-07	3.40E-01	0.00E+00	3.20E+00	4.09E-07	3.20E+00	3.50E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NBN240N	3.22E-03	2.92E-01	1.25E-02	2.75E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	1.82E-03	2.85E-03	0.00E+00	-2.93E-04	3.66E-10	2.07E-08	1.45E-02	7.31E-01	0.00E+00	0.00E+00	1.77E+00	4.30E-03	3.22E+00	0.00E+00	2.60E-08	1.30E-08	9.29E-04	1.35E-07	3.17E-01	0.00E+00	3.22E+00	4.69E-07	3.22E+00	3.52E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.50E+01
NBN250	3.15E-03	3.87E-01	1.23E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.23E-06	1.78E-03	3.40E-03	0.00E+00	-2.73E-04	3.76E-10	1.97E-08	1.41E-02	7.25E-01	0.00E+00	0.00E+00	1.91E+00	3.90E-03	3.18E+00	0.00E+00	2.58E-08	1.44E-08	9.80E-04	1.36E-07	3.43E-01	0.00E+00	3.18E+00	4.09E-07	3.18E+00	3.48E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
NBN250A	3.19E-03	3.91E-01	1.24E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.79E-03	3.42E-03	0.00E+00	-3.08E-04	3.79E-10	1.97E-08	1.42E-02	7.29E-01	0.00E+00	0.00E+00	1.92E+00	4.15E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.39E-07	3.45E-01	0.00E+00	3.21E+00	4.09E-07	3.21E+00	3.52E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
NBN250N	3.13E-03	3.01E-01	1.28E-02	2.83E-01	2.87E-12	0.00E+00	2.27E+00	4.27E-06	1.65E-03	2.84E-03	0.00E+00	-3.28E-04	3.70E-10	1.91E-08	1.46E-02	7.63E-01	0.00E+00	0.00E+00	1.80E+00	4.46E-03	3.23E+00	0.00E+00	2.60E-08	1.29E-08	9.24E-04	1.52E-07	3.21E-01	0.00E+00	3.23E+00	4.75E-07	3.23E+00	3.54E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.57E+01
NBN263	4.64E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.58E-04	3.79E-10	2.95E-08	1.41E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.29E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NBN263A	4.65E-03	3.91E-01	1.31E-02	3.77E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.67E-03	3.41E-03	0.00E+00	-3.59E-04	3.79E-10	2.94E-08	1.42E-02	7.43E-01	0.00E+00	0.00E+00	1.96E+00	4.27E-03	3.22E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.49E-01	0.00E+00	3.22E+00	4.10E-07	3.22E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
NBN263N	4.14E-03	3.00E-01	1.33E-02	2.82E-01	2.87E-12	0.00E+00	2.28E+00	4.29E-06	2.39E-03	2.84E-03	0.00E+00	-3.82E-04	3.71E-10	2.74E-08	1.46E-02	7.79E-01	0.00E+00	0.00E+00	1.81E+00	5.45E-03	3.24E+00	0.00E+00	2.61E-08	1.30E-08	9.27E-04	1.81E-07	3.23E-01	0.00E+00	3.24E+00	4.75E-07	3.24E+00	3.55E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
NBN263R	4.64E-03	3.90E-01	1.31E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.58E-04	3.79E-10	2.95E-08	1.41E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.28E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NBN306	2.74E-03	4.87E-01	2.60E-02	4.71E-01	2.87E-12	0.00E+00	2.85E+00	5.25E-06	9.81E-04	4.27E-03	0.00E+00	-5.17E-04	4.98E-10	1.46E-08	1.80E-02	7.31E-01	0.00E+00	0.00E+00	2.20E+00	6.34E-03	3.86E+00	0.00E+00	3.12E-08	1.57E-08	1.17E-03	1.90E-07	3.92E-01	0.00E+00	3.86E+00	3.39E-07	3.86E+00	4.25E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
NBN306A	2.78E-03	4.87E-01	1.61E-02	4.75E-01	2.87E-12	0.00E+00	2.90E+00	5.28E-06	9.94E-04	4.28E-03	0.00E+00	-5.20E-04	5.01E-10	1.50E-08	1.82E-02	7.59E-01	0.00E+00	0.00E+00	2.23E+00	6.94E-03	3.88E+00	0.00E+00	3.13E-08	1.60E-08	1.18E-03	1.98E-07	3.96E-01	0.00E+00	3.88E+00	7.42E-07	3.88E+00	4.28E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	7.95E+01
NBN306N	2.29E-03	4.32E-01	2.59E-02	4.25E-01	2.87E-12	0.00E+00	2.74E+00	5.00E-06	9.76E-04	4.14E-03	0.00E+00	-3.44E-04	4.65E-10	1.19E-08	1.79E-02	6.69E-01	0.00E+00	0.00E+00	1.74E+00	4.32E-03	3.64E+00	0.00E+00	2.89E-08	1.22E-08	9.58E-04	1.42E-07	3.11E-01	0.00E+00	3.64E+00	3.43E-07	3.64E+00	3.90E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NBN310	2.70E-03	4.89E-01	1.47E-02	4.70E-01	2.87E-12	0.00E+00	2.84E+00	5.22E-06	1.31E-03	4.30E-03	0.00E+00	-4.90E-04	4.95E-10	1.51E-08	1.80E-02	7.47E-01	0.00E+00	0.00E+00	2.19E+00	6.44E-03	3.87E+00	0.00E+00	3.11E-08	1.57E-08	1.14E-03	1.99E-07	3.92E-01	0.00E+00	3.87E+00	7.37E-07	3.87E+00	4.26E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	7.84E+01
NBN310A	2.69E-03	4.77E-01	1.48E-02	4.66E-01	2.87E-12	0.00E+00	2.83E+00	5.16E-06	1.31E-03	4.19E-03	0.00E+00	-4.66E-04	4.93E-10	1.50E-08	1.79E-02	7.46E-01	0.00E+00	0.00E+00	2.15E+00	6.23E-03	3.81E+00	0.00E+00	3.08E-08	1.55E-08	1.12E-03	1.94E-07	3.87E-01	0.00E+00	3.81E+00	7.38E-07	3.81E+00	4.20E+00	3.87E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
NBN310N	2.35E-03	4.33E-01	2.59E-02	4.28E-01	2.87E-12	0.00E+00	2.81E+00	5.00E-06	1.15E-03	4.19E-03	0.00E+00	-3.35E-04	4.81E-10	1.28E-08	1.80E-02	6.69E-01	0.00E+00	0.00E+00	1.75E+00	4.40E-03	3.66E+00	0.00E+00	2.99E-08	1.22E-08	9.80E-04	1.38E-07	3.12E-01	0.00E+00	3.66E+00	3.50E-07	3.66E+00	3.97E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NBN313	2.77E-03	4.90E-01	1.49E-02	4.70E-01	2.87E-12	0.00E+00	2.85E+00	5.22E-06	1.33E-03	4.35E-03	0.00E+00	-5.05E-04	5.00E-10	1.54E-08	1.80E-02	7.54E-01	0.00E+00	0.00E+00	2.20E+00	6.50E-03	3.87E+00	0.00E+00	3.11E-08	1.56E-08	1.17E-03	2.00E-07	3.93E-01	0.00E+00	3.87E+00	7.39E-07	3.87E+00	4.26E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.89E+01
NBN316	2.64E-03	4.95E-01	1.71E-02	4.77E-01	0.00E+00	0.00E+00	2.90E+00	5.50E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.37E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.62E-07	4.01E+00	4.40E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NBN316A	3.77E-03	4.97E-01	1.80E-02	4.79E-01	0.00E+00	0.00E+00	2.88E+00	5.40E-06	1.25E-03	4.32E-03	0.00E+00	-6.72E-04	5.22E-10	1.51E-08	1.88E-02	7.80E-01	0.00E+00	0.00E+00	2.21E+00	8.92E-03	3.93E+00	0.00E+00	3.15E-08	1.56E-08	1.15E-03	2.55E-07	3.91E-01	0.00E+00	3.93E+00	6.98E-07	3.93E+00	4.32E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.92E+01
NBN316N	2.66E-03	4.22E-01	2.63E-02	4.22E-01	2.87E-12	0.00E+00	2.82E+00	5.05E-06	1.21E-03	4.20E-03	0.00E+00	-3.33E-04	4.86E-10	1.47E-08	1.84E-02	7.21E-01	0.00E+00	0.00E+00	1.84E+00	4.47E-03	3.68E+00	0.00E+00	3.00E-08	1.27E-08	9.82E-04	1.38E-07	3.28E-01	0.00E+00	3.68E+00	3.50E-07	3.68E+00	4.00E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
NBN320	2.99E-03	4.93E-01	1.74E-02	4.71E-01	2.87E-12	0.00E+00	2.94E+00	5.50E-06	1.51E-03	4.44E-03	0.00E+00	-5.51E-04	5.29E-10	1.76E-08	1.89E-02	8.29E-01	0.00E+00	0.00E+00	2.36E+00	7.55E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.21E-03	2.19E-07	4.15E-01	0.00E+00	4.01E+00	7.51E-07	4.01E+00	4.43E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.46E+01
NBN320A	3.63E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	5.99E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.57E+00	7.40E-03	4.32E+00	0.00E+00	3.44E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NBN320N	2.84E-03	4.22E-01	2.67E-02	4.23E-01	2.87E-12	0.00E+00	2.85E+00	5.09E-06	1.35E-03	4.24E-03	0.00E+00	-3.64E-04	4.94E-10	1.65E-08	1.87E-02	7.47E-01	0.00E+00	0.00E+00	1.89E+00	4.56E-03	3.71E+00	0.00E+00	3.08E-08	1.28E-08	1.02E-03	1.41E-07	3.31E-01	0.00E+00	3.71E+00	3.56E-07	3.71E+00	4.02E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
NBN325	3.25E-03	4.93E-01	1.88E-02	4.73E-01	2.87E-12	0.00E+00	3.02E+00	5.60E-06	1.71E-03	4.43E-03	0.00E+00	-5.50E-04	5.56E-10	1.94E-08	1.91E-02	9.26E-01	0.00E+00	0.00E+00	2.69E+00	7.56E-03	4.06E+00	0.00E+00	3.26E-08	1.83E-08	1.27E-03	2.22E-07	4.69E-01	0.00E+00	4.06E+00	7.41E-07	4.06E+00	4.51E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.69E+01
NBN325A	3.25E-03	5.00E-01	1.87E-02	4.79E-01	2.87E-12	0.00E+00	3.00E+00	5.57E-06	1.70E-03	4.43E-03	0.00E+00	-5.40E-04	5.55E-10	1.94E-08	1.91E-02	9.19E-01	0.00E+00	0.00E+00	2.69E+00	7.47E-03	4.06E+00	0.00E+00	3.26E-08	1.83E-08	1.27E-03	2.19E-07	4.70E-01	0.00E+00	4.06E+00	7.42E-07	4.06E+00	4.50E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.67E+01
NBN325N	3.13E-03	4.37E-01	2.79E-02	4.45E-01	2.87E-12	0.00E+00	3.47E+00	5.89E-06	1.61E-03	4.33E-03	0.00E+00	-4.43E-04	5.56E-10	1.88E-08	2.08E-02	9.13E-01	0.00E+00	0.00E+00	2.53E+00	5.53E-03	4.47E+00	0.00E+00	3.56E-08	1.78E-08	1.22E-03	1.63E-07	4.44E-01	0.00E+00	4.47E+00	3.86E-07	4.47E+00	4.69E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NBN332	4.56E-03	5.66E-01	2.99E-02	5.42E-01	2.87E-12	0.00E+00	3.14E+00	5.86E-06	2.64E-03	5.10E-03	0.00E+00	-5.65E-04	6.19E-10	2.94E-08	2.00E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	7.42E-03	4.39E+00	0.00E+00	3.56E-08	1.96E-08	1.44E-03	2.19E-07	4.86E-01	0.00E+00	4.39E+00	3.36E-07	4.39E+00	4.86E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NBN332A	4.47E-03	5.85E-01	2.20E-02	5.63E-01	0.00E+00	0.00E+00	3.36E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-7.10E-04	6.41E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.78E+00	9.43E-03	4.62E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.72E-07	4.92E-01	0.00E+00	4.62E+00	7.32E-07	4.62E+00	5.11E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NBN332N	4.61E-03	4.89E-01	2.94E-02	4.93E-01	2.87E-12	0.00E+00	3.23E+00	5.83E-06	2.65E-03	4.36E-03	0.00E+00	-4.56E-04	5.77E-10	2.88E-08	2.03E-02	1.08E+00	0.00E+00	0.00E+00	2.69E+00	5.79E-03	4.31E+00	0.00E+00	3.44E-08	1.95E-08	1.30E-03	1.79E-07	4.84E-01	0.00E+00	4.31E+00	4.10E-07	4.31E+00	4.72E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NBN340	3.47E-03	5.66E-01	2.93E-02	5.47E-01	2.87E-12	0.00E+00	3.26E+00	6.02E-06	1.84E-03	5.11E-03	0.00E+00	-6.66E-04	6.25E-10	2.06E-08	2.09E-02	9.30E-01	0.00E+00	0.00E+00	2.65E+00	7.49E-03	4.36E+00	0.00E+00	3.51E-08	1.90E-08	1.44E-03	2.27E-07	4.71E-01	0.00E+00	4.36E+00	7.38E-07	4.36E+00	4.79E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
NBN340A	3.47E-03	5.68E-01	2.93E-02	5.50E-01	2.87E-12	0.00E+00	3.23E+00	5.99E-06	1.84E-03	5.12E-03	0.00E+00	-6.47E-04	6.25E-10	2.06E-08	2.08E-02	9.30E-01	0.00E+00	0.00E+00	2.66E+00	7.39E-03	4.36E+00	0.00E+00	3.51E-08	1.89E-08	1.44E-03	2.21E-07	4.70E-01	0.00E+00	4.36E+00	3.35E-07	4.36E+00	4.79E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.70E+01
NBN340N	4.64E-03	4.91E-01	3.07E-02	4.97E-01	2.87E-12	0.00E+00	3.23E+00	5.80E-06	2.70E-03	4.39E-03	0.00E+00	-4.87E-04	5.78E-10	2.89E-08	2.02E-02	1.09E+00	5.91E-06	0.00E+00	2.72E+00	7.18E-03	4.30E+00	0.00E+00	3.46E-08	2.00E-08	1.29E-03	2.09E-07	4.90E-01	0.00E+00	4.30E+00	4.13E-07	4.30E+00	4.72E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NBN350	4.92E-03	5.71E-01	3.10E-02	5.47E-01	2.87E-12	0.00E+00	3.39E+00	6.10E-06	2.89E-03	5.13E-03	0.00E+00	-6.63E-04	6.44E-10	3.22E-08	2.11E-02	1.14E+00	0.00E+00	0.00E+00	2.89E+00	7.57E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.49E-03	2.33E-07	5.14E-01	0.00E+00	4.44E+00	3.27E-07	4.44E+00	4.93E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NBN350A	4.91E-03	5.73E-01	3.09E-02	5.50E-01	2.87E-12	0.00E+00	3.32E+00	6.05E-06	2.88E-03	5.14E-03	0.00E+00	-6.42E-04	6.44E-10	3.19E-08	2.09E-02	1.14E+00	0.00E+00	0.00E+00	2.89E+00	7.47E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.49E-03	2.29E-07	5.13E-01	0.00E+00	4.44E+00	3.26E-07	4.44E+00	4.93E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NBN350N	4.93E-03	5.08E-01	3.24E-02	5.06E-01	2.87E-12	0.00E+00	3.25E+00	5.70E-06	2.82E-03	4.39E-03	0.00E+00	-7.12E-04	5.81E-10	3.14E-08	1.97E-02	1.21E+00	5.91E-06	0.00E+00	3.01E+00	7.70E-03	4.24E+00	0.00E+00	3.42E-08	2.07E-08	1.30E-03	2.45E-07	5.37E-01	0.00E+00	4.24E+00	3.92E-07	4.24E+00	4.71E+00	5.37E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN363	4.92E-03	5.71E-01	3.10E-02	5.47E-01	2.87E-12	0.00E+00	3.43E+00	6.12E-06	2.89E-03	5.13E-03	0.00E+00	-6.61E-04	6.45E-10	3.21E-08	2.14E-02	1.15E+00	0.00E+00	0.00E+00	2.89E+00	7.68E-03	4.51E+00	0.00E+00	3.65E-08	2.05E-08	1.50E-03	2.33E-07	5.14E-01	0.00E+00	4.51E+00	3.35E-07	4.51E+00	4.99E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NBN363A	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.33E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.95E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.95E+00	7.45E-07	4.95E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NBN363N	4.94E-03	5.05E-01	3.24E-02	5.03E-01	2.87E-12	0.00E+00	3.26E+00	5.71E-06	2.82E-03	4.39E-03	0.00E+00	-7.13E-04	5.81E-10	3.14E-08	1.97E-02	1.21E+00	5.91E-06	0.00E+00	3.03E+00	8.19E-03	4.24E+00	0.00E+00	3.42E-08	2.08E-08	1.30E-03	2.49E-07	5.40E-01	0.00E+00	4.24E+00	4.27E-07	4.24E+00	4.72E+00	5.40E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
NBN406	4.90E-03	6.26E-01	2.16E-02	5.94E-01	2.87E-12	0.00E+00	3.69E+00	6.93E-06	1.22E-03	5.14E-03	0.00E+00	-6.79E-04	6.74E-10	2.13E-08	2.37E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.37E-03	5.02E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.45E-07	5.03E-01	0.00E+00	5.02E+00	9.26E-07	5.02E+00	5.47E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NBN406A	4.89E-03	6.15E-01	2.95E-02	5.92E-01	2.87E-12	0.00E+00	3.50E+00	6.53E-06	1.21E-03	5.05E-03	0.00E+00	-6.76E-04	6.35E-10	2.15E-08	2.26E-02	9.55E-01	0.00E+00	0.00E+00	2.64E+00	8.29E-03	4.77E+00	0.00E+00	3.79E-08	1.81E-08	1.37E-03	2.41E-07	4.68E-01	0.00E+00	4.77E+00	3.58E-07	4.77E+00	5.18E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.48E+01
NBN406N	3.40E-03	5.73E-01	2.82E-02	5.64E-01	2.87E-12	0.00E+00	3.57E+00	6.05E-06	1.10E-03	5.22E-03	0.00E+00	-4.01E-04	5.74E-10	1.48E-08	2.15E-02	9.01E-01	0.00E+00	0.00E+00	2.54E+00	5.22E-03	4.65E+00	0.00E+00	3.73E-08	1.70E-08	1.31E-03	1.64E-07	4.46E-01	0.00E+00	4.65E+00	3.72E-07	4.65E+00	5.00E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	8.99E+01
NBN410	3.66E-03	6.10E-01	1.91E-02	5.96E-01	2.87E-12	0.00E+00	3.44E+00	6.53E-06	1.82E-03	5.34E-03	0.00E+00	-6.31E-04	5.98E-10	2.05E-08	2.22E-02	9.01E-01	0.00E+00	0.00E+00	2.48E+00	8.60E-03	4.67E+00	0.00E+00	3.69E-08	1.73E-08	1.34E-03	2.65E-07	4.43E-01	0.00E+00	4.67E+00	9.34E-07	4.67E+00	5.04E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	8.90E+01
NBN410A	5.10E-03	6.64E-01	2.52E-02	6.42E-01	2.87E-12	0.00E+00	4.25E+00	7.95E-06	2.77E-03	5.97E-03	0.00E+00	-6.88E-04	7.89E-10	3.14E-08	2.67E-02	1.21E+00	0.00E+00	0.00E+00	3.40E+00	8.54E-03	5.74E+00	0.00E+00	4.57E-08	2.33E-08	1.49E-03	2.68E-07	5.99E-01	0.00E+00	5.74E+00	9.52E-07	5.74E+00	6.31E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NBN410N	3.01E-03	5.54E-01	2.79E-02	5.40E-01	2.87E-12	0.00E+00	3.64E+00	6.01E-06	1.35E-03	4.78E-03	0.00E+00	-3.97E-04	5.70E-10	1.66E-08	2.14E-02	8.58E-01	0.00E+00	0.00E+00	2.54E+00	5.17E-03	4.63E+00	0.00E+00	3.73E-08	1.71E-08	1.29E-03	1.63E-07	4.44E-01	0.00E+00	4.63E+00	3.76E-07	4.63E+00	5.00E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
NBN413	5.16E-03	6.33E-01	2.23E-02	6.11E-01	2.87E-12	0.00E+00	3.74E+00	6.98E-06	2.85E-03	5.71E-03	0.00E+00	-6.91E-04	6.76E-10	3.21E-08	2.37E-02	1.07E+00	0.00E+00	0.00E+00	2.98E+00	8.59E-03	5.13E+00	0.00E+00	4.09E-08	2.07E-08	1.50E-03	2.68E-07	5.25E-01	0.00E+00	5.13E+00	9.34E-07	5.13E+00	5.63E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN416	5.26E-03	6.35E-01	2.23E-02	6.11E-01	2.87E-12	0.00E+00	3.75E+00	6.97E-06	2.93E-03	5.71E-03	0.00E+00	-6.94E-04	6.81E-10	3.28E-08	2.37E-02	1.08E+00	0.00E+00	0.00E+00	3.01E+00	8.62E-03	5.13E+00	0.00E+00	4.09E-08	2.10E-08	1.55E-03	2.70E-07	5.31E-01	0.00E+00	5.13E+00	9.66E-07	5.13E+00	5.64E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN416A	5.26E-03	6.38E-01	2.23E-02	6.17E-01	2.87E-12	0.00E+00	3.75E+00	6.97E-06	2.93E-03	5.72E-03	0.00E+00	-6.89E-04	6.81E-10	3.32E-08	2.37E-02	1.08E+00	0.00E+00	0.00E+00	3.00E+00	8.55E-03	5.13E+00	0.00E+00	4.09E-08	2.10E-08	1.55E-03	2.72E-07	5.29E-01	0.00E+00	5.13E+00	9.86E-07	5.13E+00	5.64E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN416N	3.40E-03	5.70E-01	2.90E-02	5.55E-01	2.87E-12	0.00E+00	3.73E+00	6.12E-06	1.76E-03	4.89E-03	0.00E+00	-4.00E-04	5.97E-10	2.03E-08	2.14E-02	9.74E-01	0.00E+00	0.00E+00	2.78E+00	5.21E-03	4.82E+00	0.00E+00	3.90E-08	1.91E-08	1.42E-03	1.65E-07	4.86E-01	0.00E+00	4.82E+00	3.76E-07	4.82E+00	5.23E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.85E+01
NBN420	5.33E-03	6.70E-01	2.54E-02	6.42E-01	2.87E-12	0.00E+00	4.34E+00	8.04E-06	2.99E-03	6.02E-03	0.00E+00	-6.96E-04	8.08E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.50E+00	8.93E-03	5.85E+00	0.00E+00	4.64E-08	2.42E-08	1.66E-03	2.80E-07	6.19E-01	0.00E+00	5.85E+00	9.71E-07	5.85E+00	6.46E+00	6.19E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NBN420A	5.33E-03	6.73E-01	2.54E-02	6.48E-01	2.87E-12	0.00E+00	4.33E+00	8.05E-06	2.99E-03	6.03E-03	0.00E+00	-6.93E-04	8.08E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.49E+00	8.87E-03	5.84E+00	0.00E+00	4.64E-08	2.42E-08	1.66E-03	2.80E-07	6.15E-01	0.00E+00	5.84E+00	9.91E-07	5.84E+00	6.45E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NBN420N	3.85E-03	5.84E-01	2.94E-02	5.67E-01	2.87E-12	0.00E+00	3.77E+00	6.11E-06	1.91E-03	4.97E-03	0.00E+00	-5.01E-04	6.06E-10	2.19E-08	2.17E-02	1.02E+00	0.00E+00	0.00E+00	2.81E+00	5.50E-03	4.96E+00	0.00E+00	4.01E-08	2.01E-08	1.47E-03	1.71E-07	5.02E-01	0.00E+00	4.96E+00	3.77E-07	4.96E+00	5.28E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NBN425	4.88E-03	6.69E-01	2.55E-02	6.40E-01	2.87E-12	0.00E+00	4.33E+00	8.07E-06	2.72E-03	6.00E-03	0.00E+00	-6.98E-04	8.10E-10	3.12E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.51E+00	9.02E-03	5.86E+00	0.00E+00	4.69E-08	2.46E-08	1.66E-03	2.83E-07	6.20E-01	0.00E+00	5.86E+00	9.69E-07	5.86E+00	6.48E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NBN425A	4.96E-03	6.71E-01	2.55E-02	6.46E-01	2.87E-12	0.00E+00	4.33E+00	8.07E-06	2.78E-03	6.01E-03	0.00E+00	-6.95E-04	8.10E-10	3.18E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.50E+00	8.95E-03	5.86E+00	0.00E+00	4.68E-08	2.46E-08	1.67E-03	2.85E-07	6.16E-01	0.00E+00	5.86E+00	9.89E-07	5.86E+00	6.47E+00	6.16E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NBN425N	4.83E-03	6.32E-01	3.29E-02	6.11E-01	2.87E-12	0.00E+00	4.90E+00	8.63E-06	2.75E-03	5.46E-03	0.00E+00	-5.57E-04	8.06E-10	3.06E-08	2.77E-02	1.40E+00	0.00E+00	0.00E+00	3.61E+00	5.64E-03	6.15E+00	0.00E+00	4.97E-08	2.53E-08	1.64E-03	1.80E-07	6.47E-01	0.00E+00	6.15E+00	3.95E-07	6.15E+00	6.64E+00	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NBN432	6.42E-03	7.80E-01	2.59E-02	7.56E-01	2.87E-12	0.00E+00	4.51E+00	8.44E-06	3.65E-03	6.98E-03	0.00E+00	-6.96E-04	8.43E-10	4.08E-08	2.73E-02	1.46E+00	0.00E+00	0.00E+00	3.82E+00	8.76E-03	6.11E+00	0.00E+00	5.01E-08	2.70E-08	2.05E-03	2.80E-07	6.68E-01	0.00E+00	6.11E+00	9.44E-07	6.11E+00	6.78E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
NBN432A	6.43E-03	7.81E-01	3.13E-02	7.56E-01	2.87E-12	0.00E+00	4.51E+00	8.44E-06	3.64E-03	6.98E-03	0.00E+00	-6.93E-04	8.43E-10	4.08E-08	2.73E-02	1.46E+00	0.00E+00	0.00E+00	3.82E+00	8.68E-03	6.10E+00	0.00E+00	5.01E-08	2.71E-08	2.05E-03	2.73E-07	6.67E-01	0.00E+00	6.10E+00	3.58E-07	6.10E+00	6.77E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
NBN432N	4.97E-03	6.37E-01	3.32E-02	6.14E-01	2.87E-12	0.00E+00	4.73E+00	8.74E-06	2.99E-03	5.66E-03	0.00E+00	-5.62E-04	8.20E-10	3.18E-08	2.78E-02	1.40E+00	0.00E+00	0.00E+00	3.67E+00	5.81E-03	6.13E+00	0.00E+00	4.99E-08	2.59E-08	1.65E-03	1.87E-07	6.58E-01	0.00E+00	6.13E+00	4.18E-07	6.13E+00	6.71E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
NBN440	6.44E-03	7.95E-01	2.59E-02	7.67E-01	2.87E-12	0.00E+00	4.54E+00	8.54E-06	3.72E-03	7.11E-03	0.00E+00	-7.51E-04	8.34E-10	4.08E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.82E-03	6.28E+00	0.00E+00	5.05E-08	2.73E-08	2.06E-03	2.92E-07	6.85E-01	0.00E+00	6.28E+00	9.44E-07	6.28E+00	6.97E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN440A	6.48E-03	7.95E-01	2.61E-02	7.67E-01	2.87E-12	0.00E+00	4.54E+00	8.54E-06	3.73E-03	7.11E-03	0.00E+00	-7.33E-04	8.38E-10	4.09E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.77E-03	6.29E+00	0.00E+00	5.05E-08	2.73E-08	2.06E-03	2.89E-07	6.86E-01	0.00E+00	6.29E+00	9.60E-07	6.29E+00	6.98E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN440N	5.06E-03	6.35E-01	3.32E-02	6.13E-01	2.87E-12	0.00E+00	4.75E+00	8.76E-06	3.06E-03	5.72E-03	0.00E+00	-6.07E-04	8.45E-10	3.26E-08	2.79E-02	1.42E+00	5.91E-06	0.00E+00	3.71E+00	7.41E-03	6.16E+00	0.00E+00	5.02E-08	2.62E-08	1.66E-03	2.21E-07	6.59E-01	0.00E+00	6.16E+00	4.27E-07	6.16E+00	6.74E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NBN450	6.50E-03	7.98E-01	3.16E-02	7.70E-01	2.87E-12	0.00E+00	4.55E+00	8.59E-06	3.77E-03	7.13E-03	0.00E+00	-7.53E-04	8.53E-10	4.12E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.88E-03	6.31E+00	0.00E+00	5.09E-08	2.75E-08	2.07E-03	2.85E-07	6.89E-01	0.00E+00	6.31E+00	9.43E-07	6.31E+00	7.00E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN450A	6.52E-03	7.98E-01	3.16E-02	7.70E-01	2.87E-12	0.00E+00	4.55E+00	8.59E-06	3.77E-03	7.13E-03	0.00E+00	-7.36E-04	8.53E-10	4.13E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.80E-03	6.32E+00	0.00E+00	5.09E-08	2.76E-08	2.07E-03	2.88E-07	6.90E-01	0.00E+00	6.32E+00	9.58E-07	6.32E+00	7.01E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN450N	5.24E-03	6.28E-01	3.32E-02	6.08E-01	2.87E-12	0.00E+00	4.73E+00	8.78E-06	3.15E-03	5.70E-03	0.00E+00	-7.94E-04	8.49E-10	3.35E-08	2.77E-02	1.45E+00	5.91E-06	0.00E+00	3.79E+00	7.80E-03	6.16E+00	0.00E+00	4.97E-08	2.63E-08	1.67E-03	2.57E-07	6.72E-01	0.00E+00	6.16E+00	4.07E-07	6.16E+00	6.78E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NBN463	6.50E-03	8.01E-01	3.16E-02	7.70E-01	2.87E-12	0.00E+00	4.56E+00	8.60E-06	3.78E-03	7.14E-03	0.00E+00	-7.54E-04	8.55E-10	4.11E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.88E-03	6.32E+00	0.00E+00	5.09E-08	2.75E-08	2.07E-03	2.90E-07	6.90E-01	0.00E+00	6.32E+00	9.35E-07	6.32E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN463A	6.52E-03	8.01E-01	3.16E-02	7.70E-01	2.87E-12	0.00E+00	4.56E+00	8.60E-06	3.78E-03	7.14E-03	0.00E+00	-7.36E-04	8.56E-10	4.12E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.80E-03	6.33E+00	0.00E+00	5.09E-08	2.76E-08	2.07E-03	2.85E-07	6.91E-01	0.00E+00	6.33E+00	3.58E-07	6.33E+00	7.01E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NBN463N	5.24E-03	6.16E-01	3.31E-02	6.06E-01	2.87E-12	0.00E+00	4.74E+00	8.80E-06	3.15E-03	5.69E-03	0.00E+00	-7.98E-04	8.49E-10	3.37E-08	2.78E-02	1.45E+00	5.91E-06	0.00E+00	3.79E+00	8.21E-03	6.17E+00	0.00E+00	4.97E-08	2.63E-08	1.67E-03	2.59E-07	6.73E-01	0.00E+00	6.17E+00	4.40E-07	6.17E+00	6.79E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NBN506	1.39E-03	3.03E-01	1.13E-02	2.88E-01	2.87E-12	0.00E+00	1.95E+00	3.54E-06	5.38E-04	2.78E-03	0.00E+00	-2.37E-04	3.30E-10	7.20E-09	1.20E-02	6.10E-01	0.00E+00	0.00E+00	1.37E+00	3.32E-03	2.57E+00	0.00E+00	2.07E-08	9.98E-09	7.53E-04	1.33E-07	2.43E-01	0.00E+00	2.57E+00	4.07E-07	2.57E+00	2.83E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
NBN510	1.38E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.78E+00	3.63E-06	7.48E-04	2.76E-03	0.00E+00	-2.42E-04	3.31E-10	8.68E-09	1.19E-02	5.95E-01	0.00E+00	0.00E+00	1.38E+00	3.54E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.33E-07	2.44E-01	0.00E+00	2.72E+00	6.36E-07	2.72E+00	2.95E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
NBN513	1.40E-03	3.03E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.76E-06	7.23E-04	2.76E-03	0.00E+00	-2.47E-04	3.63E-10	8.60E-09	1.22E-02	6.34E-01	0.00E+00	0.00E+00	1.41E+00	3.55E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.34E-07	2.44E-01	0.00E+00	2.72E+00	5.39E-07	2.72E+00	2.95E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.21E+01
NBN516	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.24E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.67E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.92E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.40E+01
NBN520	2.65E-03	2.99E-01	1.27E-02	2.84E-01	2.87E-12	0.00E+00	2.20E+00	4.11E-06	8.49E-04	2.77E-03	0.00E+00	-2.49E-04	3.95E-10	1.40E-08	1.40E-02	6.32E-01	0.00E+00	0.00E+00	1.73E+00	3.50E-03	3.16E+00	0.00E+00	2.55E-08	1.34E-08	9.32E-04	1.30E-07	3.26E-01	0.00E+00	3.16E+00	4.28E-07	3.16E+00	3.46E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
NBN525	2.90E-03	2.99E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.22E+00	4.18E-06	1.67E-03	2.77E-03	0.00E+00	-2.56E-04	3.96E-10	1.88E-08	1.40E-02	6.99E-01	0.00E+00	0.00E+00	1.87E+00	3.69E-03	3.19E+00	0.00E+00	2.57E-08	1.35E-08	9.37E-04	1.28E-07	3.33E-01	0.00E+00	3.19E+00	5.85E-07	3.19E+00	3.51E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
NBN532	3.08E-03	3.89E-01	1.15E-02	3.75E-01	2.87E-12	0.00E+00	2.22E+00	4.20E-06	1.70E-03	3.43E-03	0.00E+00	-2.53E-04	3.72E-10	1.97E-08	1.39E-02	7.13E-01	0.00E+00	0.00E+00	1.89E+00	3.59E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.99E-04	1.33E-07	3.42E-01	0.00E+00	3.17E+00	4.08E-07	3.17E+00	3.48E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
NBN540	2.91E-03	3.91E-01	1.21E-02	3.77E-01	2.87E-12	0.00E+00	2.25E+00	4.23E-06	1.54E-03	3.42E-03	0.00E+00	-2.72E-04	3.74E-10	1.83E-08	1.39E-02	6.71E-01	0.00E+00	0.00E+00	1.81E+00	3.91E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	1.00E-03	1.34E-07	3.40E-01	0.00E+00	3.19E+00	4.08E-07	3.19E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
NBN550	3.17E-03	3.91E-01	1.28E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.24E-06	1.78E-03	3.42E-03	0.00E+00	-3.58E-04	3.79E-10	1.95E-08	1.39E-02	7.35E-01	0.00E+00	0.00E+00	1.96E+00	4.21E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.45E-07	3.47E-01	0.00E+00	3.20E+00	4.08E-07	3.20E+00	3.51E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NBN563	4.67E-03	3.89E-01	1.30E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.69E-03	3.41E-03	0.00E+00	-3.52E-04	3.79E-10	3.02E-08	1.40E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.25E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.66E-07	3.48E-01	0.00E+00	3.21E+00	4.08E-07	3.21E+00	3.51E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NBN606	3.07E-03	7.15E-01	2.18E-02	6.93E-01	0.00E+00	0.00E+00	3.67E+00	6.86E-06	1.30E-03	6.17E-03	0.00E+00	-7.42E-04	6.63E-10	1.58E-08	2.50E-02	9.82E-01	0.00E+00	0.00E+00	2.79E+00	9.87E-03	5.26E+00	0.00E+00	4.27E-08	2.08E-08	1.59E-03	2.93E-07	4.98E-01	0.00E+00	5.26E+00	1.01E-06	5.26E+00	5.76E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
NBN610	3.19E-03	6.49E-01	2.21E-02	6.27E-01	0.00E+00	0.00E+00	3.74E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.92E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NBN613	3.75E-03	6.14E-01	1.98E-02	6.00E-01	2.87E-12	0.00E+00	3.48E+00	6.51E-06	1.95E-03	5.38E-03	0.00E+00	-6.85E-04	6.21E-10	2.16E-08	2.22E-02	9.70E-01	0.00E+00	0.00E+00	2.73E+00	8.46E-03	4.80E+00	0.00E+00	3.81E-08	1.90E-08	1.45E-03	2.68E-07	4.80E-01	0.00E+00	4.80E+00	9.26E-07	4.80E+00	5.25E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
NBN616	3.52E-03	6.58E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.16E-10	2.02E-08	2.52E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.29E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NBN620	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.98E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.02E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.74E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.74E+00	1.00E-06	5.74E+00	6.34E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NBN625	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.98E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.02E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.74E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.74E+00	1.00E-06	5.74E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NBN632	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.48E+00	8.27E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.15E+00	0.00E+00	4.96E-08	2.62E-08	1.93E-03	2.97E-07	6.56E-01	0.00E+00	6.15E+00	9.97E-07	6.15E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02

NBN640	7.30E-03	7.97E-01	3.01E-02	7.66E-01	0.00E+00	0.00E+00	4.72E+00	8.63E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.16E-10	4.81E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.41E+00	0.00E+00	5.17E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.41E+00	9.45E-07	6.41E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NBN650	7.54E-03	8.02E-01	3.06E-02	7.71E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.22E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.37E-07	6.50E+00	7.22E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NBN663	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.96E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.77E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.23E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.41E-01	0.00E+00	6.59E+00	9.87E-07	6.59E+00	7.33E+00	7.41E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NC101A	1.03E-03	1.74E-01	5.82E-03	1.71E-01	2.87E-12	0.00E+00	9.86E-01	1.83E-06	4.72E-04	1.57E-03	0.00E+00	-1.26E-04	1.82E-10	5.69E-09	6.24E-03	2.77E-01	0.00E+00	0.00E+00	7.92E-01	1.91E-03	1.37E+00	0.00E+00	1.12E-08	5.75E-09	4.20E-04	5.59E-08	1.39E-01	0.00E+00	1.37E+00	2.49E-07	1.37E+00	1.51E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NC101E	9.90E-04	1.98E-01	6.19E-03	1.92E-01	2.87E-12	0.00E+00	1.01E+00	1.89E-06	4.69E-04	1.71E-03	0.00E+00	-1.91E-04	1.96E-10	5.40E-09	6.60E-03	2.88E-01	0.00E+00	0.00E+00	7.90E-01	2.91E-03	1.45E+00	0.00E+00	1.17E-08	5.85E-09	4.49E-04	6.75E-08	1.39E-01	0.00E+00	1.45E+00	2.58E-07	1.45E+00	1.58E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NC103A	9.59E-04	1.66E-01	5.29E-03	1.61E-01	2.87E-12	0.00E+00	8.88E-01	1.65E-06	4.35E-04	1.49E-03	0.00E+00	-1.22E-04	1.66E-10	5.28E-09	5.78E-03	2.52E-01	0.00E+00	0.00E+00	7.06E-01	1.86E-03	1.26E+00	0.00E+00	1.03E-08	5.25E-09	3.84E-04	5.48E-08	1.26E-01	0.00E+00	1.26E+00	2.39E-07	1.26E+00	1.39E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
NC104E	9.47E-04	1.98E-01	6.22E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.88E-06	4.45E-04	1.71E-03	0.00E+00	-1.89E-04	1.96E-10	5.07E-09	6.54E-03	2.82E-01	0.00E+00	0.00E+00	7.89E-01	2.96E-03	1.42E+00	0.00E+00	1.15E-08	5.78E-09	4.46E-04	6.49E-08	1.38E-01	0.00E+00	1.42E+00	2.48E-07	1.42E+00	1.56E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NC106A	6.89E-04	1.61E-01	4.34E-03	1.56E-01	0.00E+00	0.00E+00	9.00E-01	1.68E-06	2.88E-04	1.40E-03	0.00E+00	-7.38E-05	1.53E-10	3.65E-09	5.72E-03	2.24E-01	0.00E+00	0.00E+00	6.65E-01	9.92E-04	1.21E+00	0.00E+00	9.78E-09	4.72E-09	3.60E-04	3.64E-08	1.18E-01	0.00E+00	1.21E+00	2.35E-07	1.21E+00	1.33E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
NC110A	7.02E-04	1.60E-01	4.42E-03	1.56E-01	0.00E+00	0.00E+00	9.14E-01	1.74E-06	2.90E-04	1.40E-03	0.00E+00	-7.38E-05	1.63E-10	3.70E-09	5.84E-03	2.30E-01	0.00E+00	0.00E+00	6.96E-01	9.92E-04	1.25E+00	0.00E+00	1.00E-08	4.87E-09	3.62E-04	3.65E-08	1.22E-01	0.00E+00	1.25E+00	2.61E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NC110E	8.58E-04	1.60E-01	4.53E-03	1.56E-01	2.87E-12	0.00E+00	9.39E-01	1.78E-06	4.00E-04	1.40E-03	0.00E+00	-3.24E-05	1.65E-10	4.83E-09	5.90E-03	2.42E-01	0.00E+00	0.00E+00	7.17E-01	9.72E-04	1.27E+00	0.00E+00	1.02E-08	5.03E-09	3.67E-04	3.93E-08	1.25E-01	0.00E+00	1.27E+00	2.55E-07	1.27E+00	1.40E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
NC110P	9.16E-04	1.48E-01	5.61E-03	1.42E-01	2.87E-12	0.00E+00	9.36E-01	1.94E-06	4.43E-04	1.41E-03	0.00E+00	-1.75E-04	1.78E-10	5.25E-09	6.17E-03	2.78E-01	0.00E+00	0.00E+00	7.57E-01	3.34E-03	1.44E+00	0.00E+00	1.12E-08	5.60E-09	4.03E-04	7.99E-08	1.34E-01	0.00E+00	1.44E+00	4.70E-07	1.44E+00	1.56E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NC113A	8.58E-04	1.63E-01	4.70E-03	1.59E-01	2.87E-12	0.00E+00	9.50E-01	1.80E-06	4.01E-04	1.43E-03	0.00E+00	-5.28E-05	1.72E-10	4.90E-09	6.01E-03	2.48E-01	0.00E+00	0.00E+00	7.29E-01	1.01E-03	1.29E+00	0.00E+00	1.04E-08	5.12E-09	3.82E-04	3.95E-08	1.29E-01	0.00E+00	1.29E+00	2.61E-07	1.29E+00	1.42E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NC116A	7.69E-04	1.62E-01	4.57E-03	1.57E-01	0.00E+00	0.00E+00	9.39E-01	1.79E-06	3.38E-04	1.42E-03	0.00E+00	-7.38E-05	1.68E-10	4.21E-09	5.95E-03	2.40E-01	0.00E+00	0.00E+00	7.20E-01	9.92E-04	1.28E+00	0.00E+00	1.02E-08	5.02E-09	3.71E-04	3.67E-08	1.26E-01	0.00E+00	1.28E+00	2.61E-07	1.28E+00	1.41E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
NC116P	9.19E-04	1.47E-01	5.88E-03	1.40E-01	2.87E-12	0.00E+00	9.65E-01	1.97E-06	4.40E-04	1.41E-03	0.00E+00	-1.76E-04	1.79E-10	5.22E-09	6.24E-03	2.80E-01	0.00E+00	0.00E+00	7.68E-01	3.37E-03	1.45E+00	0.00E+00	1.12E-08	5.61E-09	4.07E-04	8.00E-08	1.35E-01	0.00E+00	1.45E+00	4.75E-07	1.45E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
NC120A	8.32E-04	1.64E-01	4.73E-03	1.59E-01	0.00E+00	0.00E+00	9.66E-01	1.84E-06	3.82E-04	1.44E-03	0.00E+00	-7.38E-05	1.76E-10	4.69E-09	6.07E-03	2.51E-01	0.00E+00	0.00E+00	7.50E-01	9.92E-04	1.31E+00	0.00E+00	1.05E-08	5.18E-09	3.80E-04	3.68E-08	1.31E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NC120P	9.23E-04	1.47E-01	5.83E-03	1.40E-01	2.87E-12	0.00E+00	9.69E-01	1.98E-06	4.52E-04	1.41E-03	0.00E+00	-1.74E-04	1.83E-10	5.57E-09	6.27E-03	2.80E-01	0.00E+00	0.00E+00	7.77E-01	2.92E-03	1.46E+00	0.00E+00	1.13E-08	5.61E-09	4.09E-04	7.64E-08	1.36E-01	0.00E+00	1.46E+00	4.74E-07	1.46E+00	1.58E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
NC125A	9.82E-04	1.69E-01	5.05E-03	1.64E-01	0.00E+00	0.00E+00	1.02E+00	1.91E-06	4.93E-04	1.49E-03	0.00E+00	-7.38E-05	1.84E-10	5.87E-09	6.27E-03	2.74E-01	0.00E+00	0.00E+00	7.92E-01	9.93E-04	1.35E+00	0.00E+00	1.08E-08	5.43E-09	3.99E-04	3.72E-08	1.39E-01	0.00E+00	1.35E+00	2.51E-07	1.35E+00	1.49E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NC125P	1.00E-03	1.40E-01	6.82E-03	1.34E-01	2.87E-12	0.00E+00	1.05E+00	2.52E-06	4.72E-04	1.41E-03	0.00E+00	-1.72E-04	1.94E-10	5.96E-09	7.73E-03	3.14E-01	0.00E+00	0.00E+00	9.31E-01	3.53E-03	1.94E+00	0.00E+00	1.51E-08	7.65E-09	4.29E-04	1.04E-07	1.59E-01	0.00E+00	1.94E+00	5.70E-07	1.94E+00	2.13E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
NC132A	1.41E-03	1.76E-01	6.04E-03	1.77E-01	2.87E-12	0.00E+00	1.04E+00	1.90E-06	8.51E-04	1.57E-03	0.00E+00	-8.83E-05	1.91E-10	9.43E-09	6.40E-03	3.40E-01	0.00E+00	0.00E+00	9.13E-01	1.63E-03	1.43E+00	0.00E+00	1.16E-08	6.40E-09	4.54E-04	5.19E-08	1.65E-01	0.00E+00	1.43E+00	2.52E-07	1.43E+00	1.57E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NC132P	1.49E-03	1.58E-01	7.52E-03	1.46E-01	2.87E-12	0.00E+00	1.11E+00	2.58E-06	7.62E-04	1.51E-03	0.00E+00	-1.68E-04	2.02E-10	8.81E-09	7.79E-03	3.64E-01	0.00E+00	0.00E+00	1.01E+00	3.65E-03	1.98E+00	0.00E+00	1.52E-08	7.94E-09	4.60E-04	1.02E-07	1.75E-01	0.00E+00	1.98E+00	5.71E-07	1.98E+00	2.17E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
NC140A	1.50E-03	1.33E-01	6.93E-03	1.25E-01	2.87E-12	0.00E+00	1.10E+00	2.48E-06	7.81E-04	1.38E-03	0.00E+00	-1.47E-04	1.93E-10	8.99E-09	7.50E-03	3.65E-01	0.00E+00	0.00E+00	9.89E-01	3.24E-03	1.90E+00	0.00E+00	1.49E-08	7.69E-09	4.41E-04	8.84E-08	1.73E-01	0.00E+00	1.90E+00	5.75E-07	1.90E+00	2.08E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
NC140P	1.45E-03	1.66E-01	7.36E-03	1.53E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	7.33E-04	1.54E-03	0.00E+00	-1.78E-04	2.05E-10	8.44E-09	7.80E-03	3.61E-01	0.00E+00	0.00E+00	1.00E+00	3.37E-03	1.98E+00	0.00E+00	1.53E-08	7.94E-09	4.60E-04	9.29E-08	1.72E-01	0.00E+00	1.98E+00	5.63E-07	1.98E+00	2.17E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
NC150A	1.59E-03	1.89E-01	6.97E-03	1.89E-01	2.87E-12	0.00E+00	1.17E+00	2.01E-06	9.09E-04	1.61E-03	0.00E+00	-1.48E-04	2.03E-10	1.03E-08	6.88E-03	3.90E-01	0.00E+00	0.00E+00	9.50E-01	2.06E-03	1.50E+00	0.00E+00	1.23E-08	6.66E-09	4.83E-04	5.73E-08	1.73E-01	0.00E+00	1.50E+00	2.46E-07	1.50E+00	1.67E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NC150P	1.60E-03	1.62E-01	7.70E-03	1.54E-01	2.87E-12	0.00E+00	1.19E+00	2.64E-06	8.05E-04	1.55E-03	0.00E+00	-3.35E-04	2.29E-10	9.19E-09	7.88E-03	3.95E-01	0.00E+00	0.00E+00	1.04E+00	4.32E-03	2.02E+00	0.00E+00	1.55E-08	8.05E-09	5.13E-04	9.80E-08	1.83E-01	0.00E+00	2.02E+00	5.74E-07	2.02E+00	2.20E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
NC163A	1.72E-03	1.89E-01	7.24E-03	1.89E-01	2.87E-12	0.00E+00	1.19E+00	2.13E-06	1.29E-03	1.62E-03	0.00E+00	-1.57E-04	2.08E-10	1.18E-08	7.13E-03	3.97E-01	0.00E+00	0.00E+00	9.63E-01	2.26E-03	1.56E+00	0.00E+00	1.25E-08	6.74E-09	4.91E-04	6.08E-08	1.77E-01	0.00E+00	1.56E+00	2.51E-07	1.56E+00	1.74E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
NC200A	2.38E-03	3.82E-01	1.27E-02	3.67E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	5.71E-04	3.41E-03	0.00E+00	-3.51E-04	4.02E-10	9.91E-09	1.46E-02	6.21E-01	0.00E+00	0.00E+00	1.66E+00	3.80E-03	3.15E+00	0.00E+00	2.60E-08	1.25E-08	9.46E-04	1.46E-07	3.05E-01	0.00E+00	3.15E+00	5.48E-07	3.15E+00	3.42E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
NC201A	2.36E-03	3.86E-01	1.29E-02	3.71E-01	2.87E-12	0.00E+00	2.22E+00	4.22E-06	5.70E-04	3.44E-03	0.00E+00	-3.92E-04	4.05E-10	9.85E-09	1.46E-02	6.26E-01	0.00E+00	0.00E+00	1.67E+00	3.98E-03	3.16E+00	0.00E+00	2.60E-08	1.25E-08	9.55E-04	1.47E-07	3.06E-01	0.00E+00	3.16E+00	5.39E-07	3.16E+00	3.42E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
NC202A	2.38E-03	3.92E-01	1.30E-02	3.75E-01	2.87E-12	0.00E+00	2.23E+00	4.22E-06	6.01E-04	3.48E-03	0.00E+00	-3.95E-04	4.23E-10	1.01E-08	1.46E-02	6.26E-01	0.00E+00	0.00E+00	1.66E+00	3.98E-03	3.16E+00	0.00E+00	2.60E-08	1.25E-08	9.57E-04	1.47E-07	3.06E-01	0.00E+00	3.16E+00	5.44E-07	3.16E+00	3.42E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	5.83E+01
NC202E	2.67E-03	3.98E-01	1.09E-02	3.78E-01	2.87E-12	0.00E+00	2.08E+00	3.85E-06	6.12E-04	3.36E-03	0.00E+00	-2.97E-04	3.61E-10	1.17E-08	1.34E-02	5.51E-01	0.00E+00	0.00E+00	1.74E+00	2.59E-03	2.96E+00	0.00E+00	2.41E-08	1.34E-08	9.81E-04	1.26E-07	3.27E-01	0.00E+00	2.96E+00	4.76E-07	2.96E+00	3.34E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.08E+01
NC203A	2.40E-03	3.81E-01	1.27E-02	3.67E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	9.68E-04	3.42E-03	0.00E+00	-3.55E-04	4.03E-10	1.18E-08	1.46E-02	6.21E-01	0.00E+00	0.00E+00	1.67E+00	3.76E-03	3.15E+00	0.00E+00	2.60E-08	1.25E-08	9.52E-04	1.44E-07	3.05E-01	0.00E+00	3.15E+00	5.59E-07	3.15E+00	3.42E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
NC204A	2.37E-03	3.86E-01	1.29E-02	3.71E-01	2.87E-12	0.00E+00	2.22E+00	4.20E-06	9.62E-04	3.44E-03	0.00E+00	-3.96E-04	4.04E-10	1.16E-08	1.42E-02	6.22E-01	0.00E+00	0.00E+00	1.67E+00	3.93E-03	3.15E+00	0.00E+00	2.60E-08	1.24E-08	9.55E-04	1.47E-07	3.06E-01	0.00E+00	3.15E+00	5.59E-07	3.15E+00	3.42E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	5.83E+01
NC204E	2.67E-03	4.00E-01	1.20E-02	3.79E-01	2.87E-12	0.00E+00	2.09E+00	3.86E-06	9.85E-04	3.35E-03	0.00E+00	-3.03E-04	3.94E-10	1.29E-08	1.34E-02	5.56E-01	0.00E+00	0.00E+00	1.76E+00	2.73E-03	2.96E+00	0.00E+00	2.41E-08	1.35E-08	9.80E-04	1.26E-07	3.28E-01	0.00E+00	2.96E+00	4.85E-07	2.96E+00	3.34E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
NC206A	2.26E-03	3.74E-01	1.28E-02	3.56E-01	2.87E-12	0.00E+00	2.19E+00	4.20E-06	5.89E-04	3.30E-03	0.00E+00	-2.62E-04	4.03E-10	1.03E-08	1.45E-02	6.09E-01	0.00E+00	0.00E+00	1.61E+00	3.93E-03	3.18E+00	0.00E+00	2.61E-08	1.21E-08	9.30E-04	1.34E-07	2.96E-01	0.00E+00	3.18E+00	5.40E-07	3.18E+00	3.43E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	5.64E+01
NC206P	2.40E-03	2.93E-01	1.21E-02	2.82E-01	2.87E-12	0.00E+00	2.21E+00	4.74E-06	5.64E-04	2.77E-03	0.00E+00	-2.11E-04	3.88E-10	1.07E-08	1.46E-02	5.93E-01	0.00E+00	0.00E+00	1.77E+00	4.13E-03	3.63E+00	0.00E+00	2.83E-08	1.39E-08	8.73E-04	1.36E-07	3.25E-01	0.00E+00	3.63E+00	1.18E-06	3.63E+00	4.02E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
NC210A	1.40E-03	3.19E-01	8.73E-03	3.10E-01	0.00E+00	0.00E+00	1.79E+00	3.41E-06	5.79E-04	2.78E-03	0.00E+00	-1.48E-04	3.23E-10	7.32E-09	1.18E-02	4.61E-01	0.00E+00	0.00E+00	1.37E+00	1.98E-03	2.49E+00	0.00E+00	1.99E-08	9.70E-09	7.23E-04	7.28E-08	2.41E-01	0.00E+00	2.49E+00	5.19E-07	2.49E+00	2.73E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
NC210P	1.40E-03	3.08E-01	1.15E-02	2.94E-01	2.87E-12	0.00E+00	1.80E+00	3.58E-06	6.41E-04	2.77E-03	0.00E+00	-2.02E-04	3.27E-10	7.72E-09	1.20E-02	5.42E-01	0.00E+00	0.00E+00	1.39E+00	4.58E-03	2.60E+00	0.00E+00	2.06E-08	9.99E-09	7.50E-04	1.39E-07	2.43E-01	0.00E+00	2.60E+00	6.40E-07	2.60E+00	2.83E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
NC213A	1.54E-03	3.24E-01	9.08E-03	3.14E-01	0.00E+00	0.00E+00	1.85E+00	3.52E-06	6.76E-04	2.83E-03	0.00E+00	-1.48E-04	3.41E-10	8.37E-09	1.21E-02	4.85E-01	0.00E+00	0.00E+00	1.43E+00	1.98E-03	2.55E+00	0.00E+00	2.04E-08	1.00E-08	7.43E-04	7.32E-08	2.51E-01	0.00E+00	2.55E+00	5.28E-07	2.55E+00	2.81E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
NC216A	1.52E-03	3.26E-01	8.97E-03	3.17E-01	0.00E+00	0.00E+00	1.82E+00	3.41E-06	6.76E-04	2.84E-03	0.00E+00	-1.48E-04	3.23E-10	8.31E-09	1.19E-02	4.76E-01	0.00E+00	0.00E+00	1.38E+00	1.98E-03	2.48E+00	0.00E+00	2.00E-08	9.77E-09	7.38E-04	7.31E-08	2.45E-01	0.00E+00	2.48E+00	4.79E-07	2.48E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
NC216P	1.42E-03	3.08E-01	1.13E-02	2.94E-01	2.87E-12	0.00E+00	1.85E+00	3.61E-06	6.39E-04	2.77E-03	0.00E+00	-2.01E-04	3.34E-10	7.88E-09	1.21E-02	5.43E-01	0.00E+00	0.00E+00	1.40E+00	4.60E-03	2.61E+00	0.00E+00	2.05E-08	1.00E-08	7.50E-04	1.35E-07	2.42E-01	0.00E+00	2.61E+00	6.30E-07	2.61E+00	2.84E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
NC220A	1.55E-03	3.05E-01	1.20E-02	2.90E-01	2.87E-12	0.00E+00	1.83E+00	3.43E-06	7.82E-04	2.79E-03	0.00E+00	-2.60E-04	3.34E-10	8.71E-09	1.16E-02	5.75E-01	0.00E+00	0.00E+00	1.42E+00	3.93E-03	2.56E+00	0.00E+00	2.05E-08	1.01E-08	7.53E-04	1.30E-07	2.46E-01	0.00E+00	2.56E+00	4.54E-07	2.56E+00	2.83E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.13E+01
NC220P	1.48E-03	3.05E-01	1.14E-02	2.94E-01	2.87E-12	0.00E+00	1.81E+00	3.62E-06	6.55E-04	2.76E-03	0.00E+00	-2.01E-04	3.33E-10	8.35E-09	1.20E-02	5.38E-01	0.00E+00	0.00E+00	1.44E+00	3.96E-03	2.61E+00	0.00E+00	2.06E-08	1.01E-08	7.51E-04	1.26E-07	2.46E-01	0.00E+00	2.61E+00	6.41E-07	2.61E+00	2.86E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
NC225A	1.90E-03	3.26E-01	1.07E-02	3.14E-01	2.87E-12	0.00E+00	2.00E+00	3.65E-06	9.85E-04	2.82E-03	0.00E+00	-1.64E-04	3.70E-10	1.12E-08	1.26E-02	5.42E-01	1.83E-06	8.31E-06	1.58E+00	2.35E-03	2.68E+00	0.00E+00	2.13E-08	1.09E-08	8.08E-04	1.92E-07	2.74E-01	0.00E+00	2.68E+00	5.91E-07	2.68E+00	2.97E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	5.56E+01
NC225P	2.61E-03	2.79E-01	1.20E-02	2.68E-01	2.87E-12	0.00E+00	2.21E+00	4.87E-06	1.13E-03	2.80E-03	0.00E+00	-2.04E-04	3.86E-10	1.33E-08	1.49E-02	6.08E-01	0.00E+00	0.00E+00	1.85E+00	3.60E-03	3.81E+00	0.00E+00	2.98E-08	1.45E-08	9.02E-04	1.19E-07	3.39E-01	0.00E+00	3.81E+00	1.14E-06	3.81E+00	4.14E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
NC232A	2.91E-03	3.99E-01	1.29E-02	3.87E-01	2.87E-12	0.00E+00	2.16E+00	3.92E-06	1.69E-03	3.53E-03	0.00E+00	-1.90E-04	4.21E-10	1.73E-08	1.38E-02	7.03E-01	1.83E-06	8.31E-06	1.88E+00	2.46E-03	3.01E+00	0.00E+00	2.46E-08	1.32E-08	9.83E-04	1.86E-07	3.25E-01	0.00E+00	3.01E+00	5.70E-07	3.01E+00	3.34E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
NC232E	3.11E-03	3.99E-01	1.30E-02	3.87E-01	2.87E-12	0.00E+00	2.17E+00	3.92E-06	1.75E-03	3.52E-03	0.00E+00	-1.98E-04	4.21E-10	1.89E-08	1.38E-02	7.10E-01	1.83E-06	8.31E-06	1.91E+00	2.56E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.93E-04	1.86E-07	3.30E-01	0.00E+00	3.03E+00	5.68E-07	3.03E+00	3.35E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
NC232P	2.87E-03	3.62E-01	1.23E-02	3.42E-01	2.87E-12	0.00E+00	2.22E+00	4.86E-06	1.27E-03	3.25E-03	0.00E+00	-2.13E-04	3.94E-10	1.51E-08	1.50E-02	7.23E-01	0.00E+00	0.00E+00	1.95E+00	3.69E-03	3.79E+00	0.00E+00	2.97E-08	1.46E-08	9.21E-04	1.18E-07	3.44E-01	0.00E+00	3.79E+00	1.14E-06	3.79E+00	4.09E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.12E+01
NC240A	3.23E-03	3.99E-01	1.39E-02	3.86E-01	2.87E-12	0.00E+00	2.16E+00	3.93E-06	1.83E-03	3.52E-03	0.00E+00	-2.26E-04	4.26E-10	2.04E-08	1.38E-02	7.39E-01	1.83E-06	8.31E-06	1.91E+00	2.99E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.86E-04	2.05E-07	3.28E-01	0.00E+00	3.01E+00	5.71E-07	3.01E+00	3.34E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	7.02E+01
NC240P	3.05E-03	3.68E-01	1.29E-02	3.50E-01	2.87E-12	0.00E+00	2.22E+00	4.82E-06	1.49E-03	3.29E-03	0.00E+00	-2.95E-04	3.97E-10	1.81E-08	1.49E-02	7.40E-01	0.00E+00	0.00E+00	1.94E+00	4.02E-03	3.74E+00	0.00E+00	2.92E-08	1.52E-08	9.38E-04	1.22E-07	3.43E-01	0.00E+00	3.74E+00	1.12E-06	3.74E+00	4.09E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	7.10E+01
NC250A	3.13E-03	3.74E-01	1.44E-02	3.52E-01	2.87E-12	0.00E+00	2.30E+00	4.29E-06	1.58E-03	3.38E-03	0.00E+00	-4.31E-04	4.32E-10	1.81E-08	1.50E-02	7.63E-01	0.00E+00	0.00E+00	1.86E+00	4.78E-03	3.23E+00	0.00E+00	2.64E-08	1.31E-08	9.65E-04	1.52E-07	3.27E-01	0.00E+00	3.23E+00	5.84E-07	3.23E+00	3.50E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
NC250P	3.06E-03	3.31E-01	1.46E-02	3.15E-01	2.87E-12	0.00E+00	2.33E+00	4.88E-06	1.46E-03	3.16E-03	0.00E+00	-4.85E-04	4.40E-10	1.75E-08	1.56E-02	7.71E-01	0.00E+00	0.00E+00	2.00E+00	5.21E-03	3.76E+00	0.00E+00	2.92E-08	1.49E-08	9.50E-04	1.78E-07	3.54E-01	0.00E+00	3.76E+00	1.14E-06	3.76E+00	4.14E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
NC263A	4.24E-03	3.67E-01	1.51E-02	3.43E-01	2.87E-12	0.00E+00	2.30E+00	4.30E-06	2.40E-03	3.37E-03	0.00E+00	-4.76E-04	4.32E-10	2.73E-08	1.50E-02	7.89E-01	0.00E+00	0.00E+00	1.88E+00	5.75E-03	3.24E+00	0.00E+00	2.65E-08	1.31E-08	9.60E-04	1.82E-07	3.27E-01	0.00E+00	3.24E+00	6.80E-07	3.24E+00	3.52E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
NC263P	4.16E-03	3.25E-01	1.55E-02	3.08E-01	2.87E-12	0.00E+00	2.33E+00	4.95E-06	2.30E-03	3.14E-03	0.00E+00	-5.36E-04	4.39E-10	2.62E-08	1.56E-02	8.04E-01	0.00E+00	0.00E+00	2.08E+00	6.26E-03	3.80E+00	0.00E+00	2.95E-08	1.58E-08	9.54E-04	2.04E-07	3.68E-01	0.00E+00	3.80E+00	1.15E-06	3.80E+00	4.21E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
NC300A	2.90E-03	5.57E-01	1.65E-02	5.38E-01	2.87E-12	0.00E+00	3.02E+00	5.78E-06	1.04E-03	5.00E-03	0.00E+00	-4.87E-04	5.58E-10	1.35E-08	1.96E-02	8.36E-01	0.00E+00	0.00E+00	2.34E+00	7.07E-03	4.24E+00	0.00E+00	3.43E-08	1.68E-08	1.30E-03	1.73E-07	4.17E-01	0.00E+00	4.24E+00	7.48E-07	4.24E+00	4.64E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.31E+01
NC301A	2.89E-03	5.53E-01	1.65E-02	5.33E-01	2.87E-12	0.00E+00	3.16E+00	5.71E-06	8.86E-04	4.98E-03	0.00E+00	-5.18E-04	5.56E-10	1.27E-08	2.04E-02	8.27E-01	0.00E+00	0.00E+00	2.29E+00	7.20E-03	4.21E+00	0.00E+00	3.43E-08	1.66E-08	1.31E-03	1.80E-07	4.11E-01	0.00E+00	4.21E+00	7.49E-07	4.21E+00	4.60E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.19E+01
NC302A	2.92E-03	5.54E-01	1.65E-02	5.33E-01	2.87E-12	0.00E+00	3.15E+00	5.71E-06	1.08E-03	4.98E-03	0.00E+00	-5.12E-04	5.57E-10	1.35E-08	2.05E-02	8.27E-01	0.00E+00	0.00E+00	2.29E+00	7.19E-03	4.22E+00	0.00E+00	3.44E-08	1.67E-08	1.31E-03	1.81E-07	4.11E-01	0.00E+00	4.22E+00	7.59E-07	4.22E+00	4.62E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.19E+01
NC303A	2.92E-03	5.53E-01	1.65E-02	5.32E-01	2.87E-12	0.00E+00	3.13E+00	5.69E-06	1.28E-03	4.98E-03	0.00E+00	-5.17E-04	5.60E-10	1.40E-08	2.03E-02	8.27E-01	0.00E+00	0.00E+00	2.30E+00	7.17E-03	4.21E+00	0.00E+00	3.43E-08	1.66E-08	1.31E-03	1.81E-07	4.12E-01	0.00E+00	4.21E+00	7.54E-07	4.21E+00	4.60E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.21E+01
NC304A	2.90E-03	5.50E-01	1.64E-02	5.30E-01	2.87E-12	0.00E+00	2.97E+00	5.59E-06	1.28E-03	4.96E-03	0.00E+00	-4.75E-04	5.51E-10	1.40E-08	1.94E-02	8.27E-01	0.00E+00	0.00E+00	2.27E+00	7.11E-03	4.14E+00	0.00E+00	3.38E-08	1.68E-08	1.30E-03	1.82E-07	4.08E-01	0.00E+00	4.14E+00	7.52E-07	4.14E+00	4.54E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.16E+01
NC306A	2.05E-03	4.80E-01	1.28E-02	4.67E-01	0.00E+00	0.00E+00	2.62E+00	4.87E-06	8.61E-04	4.16E-03	0.00E+00	-2.22E-04	4.51E-10	1.08E-08	1.73E-02	6.72E-01	0.00E+00	0.00E+00	1.94E+00	2.97E-03	3.59E+00	0.00E+00	2.89E-08	1.40E-08	1.07E-03	1.09E-07	3.46E-01	0.00E+00	3.59E+00	6.94E-07	3.59E+00	3.94E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NC306P	1.06E-03	1.46E-01	4.65E-03	1.37E-01	2.87E-12	0.00E+00	7.49E-01	1.74E-06	7.18E-04	1.21E-03	0.00E+00	-1.86E-04	1.26E-10	7.34E-09	4.77E-03	2.08E-01	0.00E+00	0.00E+00	5.91E-01	3.48E-03	1.21E+00	0.00E+00	9.05E-09	4.26E-09	3.25E-04	9.70E-08	1.04E-01	0.00E+00	1.21E+00	5.10E-07	1.21E+00	1.31E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
NC310A	2.09E-03	4.77E-01	1.30E-02	4.64E-01	0.00E+00	0.00E+00	2.66E+00	5.07E-06	8.68E-04	4.16E-03	0.00E+00	-2.22E-04	4.83E-10	1.09E-08	1.76E-02	6.88E-01	0.00E+00	0.00E+00	2.04E+00	2.98E-03	3.71E+00	0.00E+00	2.97E-08	1.45E-08	1.08E-03	1.09E-07	3.58E-01	0.00E+00	3.71E+00	7.74E-07	3.71E+00	4.07E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
NC313A	2.36E-03	4.90E-01	2.46E-02	4.76E-01	2.87E-12	0.00E+00	2.78E+00	5.17E-06	1.09E-03	4.24E-03	0.00E+00	-2.14E-04	4.84E-10	1.25E-08	1.79E-02	6.59E-01	0.00E+00	0.00E+00	1.99E+00	2.83E-03	3.75E+00	0.00E+00	3.02E-08	1.45E-08	1.12E-03	1.07E-07	3.66E-01	0.00E+00	3.75E+00	3.89E-07	3.75E+00	4.11E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
NC316A	2.29E-03	4.82E-01	1.35E-02	4.69E-01	0.00E+00	0.00E+00	2.74E+00	5.20E-06	1.01E-03	4.22E-03	0.00E+00	-2.22E-04	4.97E-10	1.25E-08	1.80E-02	7.20E-01	0.00E+00	0.00E+00	2.11E+00	2.98E-03	3.79E+00	0.00E+00	3.03E-08	1.49E-08	1.11E-03	1.09E-07	3.71E-01	0.00E+00	3.79E+00	7.77E-07	3.79E+00	4.16E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.55E+01
NC316P	2.68E-03	4.48E-01	1.51E-02	4.34E-01	2.87E-12	0.00E+00	2.75E+00	5.50E-06	1.22E-03	4.11E-03	0.00E+00	-4.01E-04	4.87E-10	1.47E-08	1.89E-02	7.44E-01	0.00E+00	0.00E+00	2.11E+00	5.97E-03	3.94E+00	0.00E+00	3.13E-08	1.53E-08	1.12E-03	1.77E-07	3.77E-01	0.00E+00	3.94E+00	7.97E-07	3.94E+00	4.32E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
NC320A	2.54E-03	4.91E-01	1.41E-02	4.77E-01	0.00E+00	0.00E+00	2.84E+00	5.39E-06	1.18E-03	4.31E-03	0.00E+00	-2.22E-04	5.26E-10	1.43E-08	1.84E-02	7.61E-01	0.00E+00	0.00E+00	2.22E+00	2.98E-03	3.91E+00	0.00E+00	3.12E-08	1.55E-08	1.14E-03	1.10E-07	3.89E-01	0.00E+00	3.91E+00	7.90E-07	3.91E+00	4.29E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
NC320P	2.76E-03	4.55E-01	1.53E-02	4.37E-01	2.87E-12	0.00E+00	2.90E+00	5.95E-06	1.27E-03	4.14E-03	0.00E+00	-4.04E-04	5.02E-10	1.58E-08	1.99E-02	7.62E-01	0.00E+00	0.00E+00	2.37E+00	5.82E-03	4.57E+00	0.00E+00	3.56E-08	1.89E-08	1.14E-03	1.78E-07	4.23E-01	0.00E+00	4.57E+00	7.97E-07	4.57E+00	5.08E+00	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.56E+01
NC325A	2.93E-03	5.05E-01	1.49E-02	4.90E-01	0.00E+00	0.00E+00	2.98E+00	5.56E-06	1.48E-03	4.44E-03	0.00E+00	-2.22E-04	5.44E-10	1.74E-08	1.89E-02	8.20E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.99E+00	0.00E+00	3.20E-08	1.61E-08	1.19E-03	1.11E-07	4.09E-01	0.00E+00	3.99E+00	7.41E-07	3.99E+00	4.40E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
NC325P	3.15E-03	3.88E-01	1.75E-02	3.70E-01	2.87E-12	0.00E+00	3.05E+00	7.13E-06	1.50E-03	3.99E-03	0.00E+00	-4.11E-04	5.43E-10	1.80E-08	2.28E-02	9.49E-01	0.00E+00	0.00E+00	2.68E+00	5.43E-03	5.63E+00	0.00E+00	4.29E-08	2.11E-08	1.25E-03	1.55E-07	4.73E-01	0.00E+00	5.63E+00	1.74E-06	5.63E+00	6.04E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
NC332A	4.86E-03	5.95E-01	1.82E-02	5.77E-01	0.00E+00	0.00E+00	3.23E+00	5.87E-06	2.87E-03	5.29E-03	0.00E+00	-2.29E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	3.08E-03	4.52E+00	0.00E+00	3.69E-08	2.00E-08	1.49E-03	1.17E-07	4.89E-01	0.00E+00	4.52E+00	7.27E-07	4.52E+00	5.01E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NC332P	4.44E-03	5.11E-01	1.90E-02	4.74E-01	2.87E-12	0.00E+00	3.27E+00	7.31E-06	2.39E-03	4.53E-03	0.00E+00	-4.59E-04	6.02E-10	2.74E-08	2.35E-02	1.09E+00	0.00E+00	0.00E+00	2.89E+00	6.19E-03	5.77E+00	0.00E+00	4.40E-08	2.24E-08	1.37E-03	1.75E-07	5.10E-01	0.00E+00	5.77E+00	1.69E-06	5.77E+00	6.22E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
NC340A	4.86E-03	5.93E-01	1.92E-02	5.74E-01	0.00E+00	0.00E+00	3.22E+00	5.88E-06	2.86E-03	5.27E-03	0.00E+00	-3.60E-04	6.30E-10	3.14E-08	2.04E-02	1.08E+00	0.00E+00	0.00E+00	2.76E+00	4.81E-03	4.51E+00	0.00E+00	3.68E-08	1.99E-08	1.49E-03	1.59E-07	4.89E-01	0.00E+00	4.51E+00	7.11E-07	4.51E+00	5.00E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NC340P	4.53E-03	4.89E-01	2.09E-02	4.49E-01	2.87E-12	0.00E+00	3.42E+00	7.22E-06	2.44E-03	4.47E-03	0.00E+00	-5.85E-04	6.12E-10	2.84E-08	2.30E-02	1.10E+00	0.00E+00	0.00E+00	2.93E+00	7.41E-03	5.80E+00	0.00E+00	4.41E-08	2.27E-08	1.40E-03	2.19E-07	5.15E-01	0.00E+00	5.80E+00	1.67E-06	5.80E+00	6.24E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NC350A	5.74E-03	6.18E-01	2.14E-02	5.97E-01	0.00E+00	0.00E+00	3.65E+00	6.69E-06	3.49E-03	5.54E-03	0.00E+00	-3.43E-04	6.92E-10	3.80E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.59E-03	4.94E+00	0.00E+00	3.98E-08	2.19E-08	1.60E-03	1.56E-07	5.54E-01	0.00E+00	4.94E+00	7.46E-07	4.94E+00	5.49E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
NC350P	5.03E-03	4.54E-01	2.56E-02	4.21E-01	2.87E-12	0.00E+00	3.63E+00	7.78E-06	2.78E-03	4.44E-03	0.00E+00	-9.50E-04	6.25E-10	3.16E-08	2.42E-02	1.22E+00	0.00E+00	0.00E+00	3.19E+00	9.42E-03	6.01E+00	0.00E+00	4.56E-08	2.32E-08	1.42E-03	3.74E-07	5.59E-01	0.00E+00	6.01E+00	1.60E-06	6.01E+00	6.48E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NC363A	5.81E-03	6.22E-01	2.16E-02	6.01E-01	0.00E+00	0.00E+00	3.70E+00	6.80E-06	3.53E-03	5.58E-03	0.00E+00	-3.43E-04	7.20E-10	3.84E-08	2.25E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	4.59E-03	4.99E+00	0.00E+00	4.01E-08	2.22E-08	1.62E-03	1.57E-07	5.63E-01	0.00E+00	4.99E+00	7.69E-07	4.99E+00	5.55E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NC363P	5.09E-03	4.49E-01	2.56E-02	4.26E-01	2.87E-12	0.00E+00	3.67E+00	7.96E-06	2.82E-03	4.50E-03	0.00E+00	-9.45E-04	6.35E-10	3.20E-08	2.49E-02	1.23E+00	0.00E+00	0.00E+00	3.23E+00	1.04E-02	6.04E+00	0.00E+00	4.60E-08	2.34E-08	1.42E-03	3.77E-07	5.65E-01	0.00E+00	6.04E+00	1.65E-06	6.04E+00	6.51E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NC400A	4.96E-03	6.66E-01	3.06E-02	6.34E-01	2.87E-12	0.00E+00	4.59E+00	8.73E-06	1.24E-03	5.97E-03	0.00E+00	-6.00E-04	8.14E-10	2.11E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.71E+00	7.58E-03	6.01E+00	0.00E+00	4.90E-08	2.54E-08	1.52E-03	1.94E-07	6.48E-01	0.00E+00	6.01E+00	3.96E-07	6.01E+00	6.63E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NC401A	4.96E-03	6.66E-01	3.06E-02	6.34E-01	2.87E-12	0.00E+00	4.59E+00	8.73E-06	1.24E-03	5.97E-03	0.00E+00	-6.00E-04	8.14E-10	2.12E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.71E+00	7.58E-03	6.01E+00	0.00E+00	4.90E-08	2.54E-08	1.52E-03	1.95E-07	6.48E-01	0.00E+00	6.01E+00	3.96E-07	6.01E+00	6.63E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NC402A	4.96E-03	6.65E-01	3.06E-02	6.33E-01	2.87E-12	0.00E+00	4.59E+00	8.73E-06	1.79E-03	5.97E-03	0.00E+00	-6.00E-04	8.14E-10	2.21E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.71E+00	7.56E-03	6.01E+00	0.00E+00	4.90E-08	2.54E-08	1.52E-03	1.93E-07	6.48E-01	0.00E+00	6.01E+00	3.86E-07	6.01E+00	6.63E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NC403A	5.11E-03	6.51E-01	3.04E-02	6.21E-01	2.87E-12	0.00E+00	4.61E+00	8.73E-06	2.70E-03	5.95E-03	0.00E+00	-6.01E-04	8.11E-10	3.03E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.71E+00	7.62E-03	6.01E+00	0.00E+00	4.90E-08	2.54E-08	1.51E-03	1.96E-07	6.48E-01	0.00E+00	6.01E+00	3.96E-07	6.01E+00	6.63E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NC404A	5.11E-03	6.51E-01	3.04E-02	6.21E-01	2.87E-12	0.00E+00	4.61E+00	8.73E-06	2.70E-03	5.95E-03	0.00E+00	-6.01E-04	8.11E-10	3.03E-08	2.74E-02	1.35E+00	0.00E+00	0.00E+00	3.71E+00	7.61E-03	6.01E+00	0.00E+00	4.90E-08	2.54E-08	1.51E-03	1.96E-07	6.48E-01	0.00E+00	6.01E+00	3.96E-07	6.01E+00	6.63E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NC406A	4.87E-03	6.52E-01	4.07E-02	6.31E-01	2.87E-12	0.00E+00	4.83E+00	8.77E-06	1.24E-03	5.98E-03	0.00E+00	-4.28E-04	8.18E-10	2.09E-08	2.80E-02	1.35E+00	0.00E+00	0.00E+00	3.77E+00	5.51E-03	6.15E+00	0.00E+00	4.93E-08	2.53E-08	1.51E-03	1.83E-07	6.49E-01	0.00E+00	6.15E+00	9.29E-07	6.15E+00	6.70E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NC410A	3.50E-03	5.71E-01	1.80E-02	5.59E-01	2.87E-12	0.00E+00	3.64E+00	6.16E-06	1.58E-03	4.90E-03	0.00E+00	-4.44E-04	5.61E-10	1.82E-08	2.16E-02	8.99E-01	0.00E+00	0.00E+00	2.56E+00	5.92E-03	4.64E+00	0.00E+00	3.70E-08	1.72E-08	1.31E-03	1.85E-07	4.47E-01	0.00E+00	4.64E+00	9.00E-07	4.64E+00	5.00E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	8.97E+01
NC413A	1.48E-03	1.64E-01	5.56E-03	1.57E-01	2.87E-12	0.00E+00	7.45E-01	1.67E-06	1.00E-03	1.29E-03	0.00E+00	-1.33E-04	1.66E-10	1.11E-08	4.81E-03	2.08E-01	0.00E+00	0.00E+00	5.79E-01	1.91E-03	1.21E+00	0.00E+00	9.09E-09	4.20E-09	3.32E-04	7.67E-08	1.02E-01	0.00E+00	1.21E+00	4.16E-07	1.21E+00	1.29E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
NC416A	3.83E-03	5.83E-01	1.83E-02	5.65E-01	2.87E-12	0.00E+00	3.73E+00	6.21E-06	1.85E-03	4.94E-03	0.00E+00	-4.42E-04	6.10E-10	2.17E-08	2.18E-02	9.81E-01	0.00E+00	0.00E+00	2.81E+00	5.85E-03	4.82E+00	0.00E+00	3.88E-08	1.93E-08	1.46E-03	1.77E-07	4.91E-01	0.00E+00	4.82E+00	9.09E-07	4.82E+00	5.23E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NC420A	3.65E-03	6.28E-01	1.85E-02	6.08E-01	2.87E-12	0.00E+00	3.76E+00	7.06E-06	1.75E-03	5.49E-03	0.00E+00	-2.99E-04	6.70E-10	2.06E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.80E+00	4.07E-03	5.11E+00	0.00E+00	4.07E-08	1.97E-08	1.49E-03	1.59E-07	4.94E-01	0.00E+00	5.11E+00	9.75E-07	5.11E+00	5.62E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02

NC425A	4.97E-03	6.54E-01	2.59E-02	6.29E-01	2.87E-12	0.00E+00	4.93E+00	8.79E-06	2.82E-03	5.52E-03	0.00E+00	-4.79E-04	8.19E-10	3.25E-08	2.80E-02	1.42E+00	0.00E+00	0.00E+00	3.74E+00	6.03E-03	6.21E+00	0.00E+00	5.03E-08	2.59E-08	1.66E-03	1.96E-07	6.54E-01	0.00E+00	6.21E+00	1.13E-06	6.21E+00	6.72E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NC425P	4.81E-03	5.86E-01	2.57E-02	5.43E-01	2.87E-12	0.00E+00	4.40E+00	8.09E-06	2.65E-03	5.28E-03	0.00E+00	-5.46E-04	8.20E-10	3.12E-08	2.74E-02	1.43E+00	0.00E+00	0.00E+00	3.78E+00	6.09E-03	6.10E+00	0.00E+00	4.94E-08	2.62E-08	1.66E-03	2.00E-07	6.68E-01	0.00E+00	6.10E+00	1.66E-06	6.10E+00	6.74E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NC432A	6.96E-03	9.38E-01	2.56E-02	9.24E-01	2.87E-12	0.00E+00	5.04E+00	9.40E-06	3.97E-03	8.72E-03	0.00E+00	-5.89E-04	8.63E-10	4.30E-08	2.86E-02	1.58E+00	0.00E+00	0.00E+00	4.13E+00	8.18E-03	6.63E+00	0.00E+00	5.40E-08	2.85E-08	2.42E-03	2.43E-07	7.31E-01	0.00E+00	6.63E+00	1.03E-06	6.63E+00	7.29E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
NC440A	6.48E-03	7.98E-01	4.06E-02	7.57E-01	2.87E-12	0.00E+00	4.38E+00	7.89E-06	3.84E-03	7.15E-03	0.00E+00	-4.59E-04	8.43E-10	4.12E-08	2.76E-02	1.44E+00	1.83E-06	8.31E-06	3.70E+00	6.05E-03	6.06E+00	0.00E+00	4.93E-08	2.66E-08	1.98E-03	2.98E-07	6.52E-01	0.00E+00	6.06E+00	9.56E-07	6.06E+00	6.72E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NC440P	6.46E-03	7.91E-01	2.62E-02	7.59E-01	2.87E-12	0.00E+00	4.41E+00	8.16E-06	3.59E-03	7.02E-03	0.00E+00	-6.26E-04	8.48E-10	4.08E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.82E+00	7.68E-03	6.15E+00	0.00E+00	5.00E-08	2.72E-08	2.07E-03	2.41E-07	6.73E-01	0.00E+00	6.15E+00	1.66E-06	6.15E+00	6.79E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NC450A	7.38E-03	8.07E-01	2.95E-02	7.79E-01	2.87E-12	0.00E+00	4.88E+00	8.81E-06	4.45E-03	7.28E-03	0.00E+00	-7.78E-04	9.15E-10	4.93E-08	2.95E-02	1.60E+00	0.00E+00	0.00E+00	3.91E+00	8.20E-03	6.31E+00	0.00E+00	5.06E-08	2.81E-08	2.10E-03	2.62E-07	6.88E-01	0.00E+00	6.31E+00	9.64E-07	6.31E+00	6.98E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NC450P	7.19E-03	7.96E-01	2.96E-02	7.65E-01	2.87E-12	0.00E+00	4.58E+00	8.28E-06	4.22E-03	7.10E-03	0.00E+00	-9.49E-04	9.12E-10	4.77E-08	2.96E-02	1.56E+00	0.00E+00	0.00E+00	3.86E+00	9.57E-03	6.25E+00	0.00E+00	5.01E-08	2.79E-08	2.07E-03	3.74E-07	6.82E-01	0.00E+00	6.25E+00	1.55E-06	6.25E+00	6.91E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
NC463A	7.40E-03	8.09E-01	2.95E-02	7.80E-01	2.87E-12	0.00E+00	4.92E+00	8.84E-06	4.46E-03	7.29E-03	0.00E+00	-7.82E-04	9.16E-10	4.95E-08	2.96E-02	1.61E+00	0.00E+00	0.00E+00	3.92E+00	8.57E-03	6.32E+00	0.00E+00	5.06E-08	2.81E-08	2.10E-03	2.63E-07	6.89E-01	0.00E+00	6.32E+00	1.16E-06	6.32E+00	6.98E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
NC463P	7.39E-03	7.98E-01	2.98E-02	7.66E-01	2.87E-12	0.00E+00	4.72E+00	8.27E-06	4.50E-03	7.11E-03	0.00E+00	-9.50E-04	9.37E-10	4.97E-08	2.99E-02	1.59E+00	0.00E+00	0.00E+00	3.89E+00	1.05E-02	6.28E+00	0.00E+00	5.03E-08	2.80E-08	2.08E-03	3.77E-07	6.87E-01	0.00E+00	6.28E+00	1.65E-06	6.28E+00	6.93E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
NCN002	1.01E-03	1.78E-01	5.96E-03	1.71E-01	2.87E-12	0.00E+00	9.73E-01	1.83E-06	4.63E-04	1.55E-03	0.00E+00	-2.31E-04	1.84E-10	5.37E-09	6.27E-03	2.72E-01	0.00E+00	0.00E+00	7.91E-01	3.16E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.26E-04	8.82E-08	1.37E-01	0.00E+00	1.38E+00	2.58E-07	1.38E+00	1.51E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NCN003	9.24E-04	1.72E-01	5.85E-03	1.66E-01	2.87E-12	0.00E+00	9.59E-01	1.80E-06	4.13E-04	1.53E-03	0.00E+00	-2.30E-04	1.79E-10	4.95E-09	6.22E-03	2.62E-01	0.00E+00	0.00E+00	7.58E-01	3.11E-03	1.36E+00	0.00E+00	1.09E-08	5.52E-09	4.20E-04	8.80E-08	1.33E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.49E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
NCN004	9.73E-04	1.70E-01	5.99E-03	1.64E-01	2.87E-12	0.00E+00	1.01E+00	1.89E-06	4.50E-04	1.51E-03	0.00E+00	-2.31E-04	1.85E-10	5.56E-09	6.39E-03	2.71E-01	0.00E+00	0.00E+00	7.87E-01	3.11E-03	1.39E+00	0.00E+00	1.11E-08	5.61E-09	4.22E-04	8.68E-08	1.38E-01	0.00E+00	1.39E+00	2.59E-07	1.39E+00	1.52E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NCN006	7.61E-04	1.79E-01	5.92E-03	1.73E-01	0.00E+00	0.00E+00	9.23E-01	1.71E-06	3.24E-04	1.54E-03	0.00E+00	-2.43E-04	1.62E-10	3.96E-09	6.08E-03	2.41E-01	0.00E+00	0.00E+00	6.90E-01	3.23E-03	1.30E+00	0.00E+00	1.05E-08	5.11E-09	3.95E-04	9.17E-08	1.24E-01	0.00E+00	1.30E+00	2.33E-07	1.30E+00	1.42E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
NCN010	7.96E-04	1.65E-01	5.99E-03	1.59E-01	0.00E+00	0.00E+00	9.44E-01	1.78E-06	3.59E-04	1.43E-03	0.00E+00	-2.43E-04	1.70E-10	4.44E-09	6.04E-03	2.45E-01	0.00E+00	0.00E+00	7.17E-01	3.23E-03	1.29E+00	0.00E+00	1.03E-08	5.05E-09	3.75E-04	9.11E-08	1.27E-01	0.00E+00	1.29E+00	2.32E-07	1.29E+00	1.41E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
NCN013	8.86E-04	1.66E-01	5.76E-03	1.60E-01	0.00E+00	0.00E+00	9.85E-01	1.88E-06	4.19E-04	1.45E-03	0.00E+00	-1.86E-04	1.84E-10	5.09E-09	6.26E-03	2.62E-01	0.00E+00	0.00E+00	7.70E-01	2.47E-03	1.35E+00	0.00E+00	1.08E-08	5.35E-09	3.88E-04	7.28E-08	1.35E-01	0.00E+00	1.35E+00	2.60E-07	1.35E+00	1.48E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
NCN016	8.78E-04	1.67E-01	6.18E-03	1.61E-01	0.00E+00	0.00E+00	9.75E-01	1.83E-06	4.18E-04	1.45E-03	0.00E+00	-2.43E-04	1.76E-10	5.07E-09	6.18E-03	2.59E-01	0.00E+00	0.00E+00	7.47E-01	3.23E-03	1.32E+00	0.00E+00	1.06E-08	5.23E-09	3.86E-04	9.13E-08	1.32E-01	0.00E+00	1.32E+00	2.33E-07	1.32E+00	1.45E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NCN020	1.21E-03	1.74E-01	6.85E-03	1.68E-01	0.00E+00	0.00E+00	1.07E+00	1.99E-06	6.59E-04	1.53E-03	0.00E+00	-2.43E-04	1.97E-10	7.59E-09	6.57E-03	3.08E-01	0.00E+00	0.00E+00	8.52E-01	3.23E-03	1.42E+00	0.00E+00	1.14E-08	5.86E-09	4.24E-04	9.18E-08	1.50E-01	0.00E+00	1.42E+00	2.32E-07	1.42E+00	1.57E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
NCN025	1.21E-03	1.73E-01	6.42E-03	1.67E-01	0.00E+00	0.00E+00	1.08E+00	2.03E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.02E-10	7.61E-09	6.64E-03	3.11E-01	0.00E+00	0.00E+00	8.68E-01	2.47E-03	1.45E+00	0.00E+00	1.16E-08	5.95E-09	4.25E-04	7.34E-08	1.52E-01	0.00E+00	1.45E+00	2.55E-07	1.45E+00	1.60E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NCN032	1.49E-03	1.91E-01	6.54E-03	1.86E-01	2.87E-12	0.00E+00	1.10E+00	2.03E-06	8.96E-04	1.67E-03	0.00E+00	-1.75E-04	2.08E-10	9.77E-09	6.80E-03	3.40E-01	0.00E+00	0.00E+00	9.28E-01	2.54E-03	1.48E+00	0.00E+00	1.21E-08	6.44E-09	4.76E-04	7.42E-08	1.64E-01	0.00E+00	1.48E+00	2.47E-07	1.48E+00	1.65E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NCN040	1.82E-03	1.95E-01	7.53E-03	1.88E-01	0.00E+00	0.00E+00	1.19E+00	2.19E-06	1.10E-03	1.75E-03	0.00E+00	-1.90E-04	2.30E-10	1.21E-08	7.16E-03	3.95E-01	0.00E+00	0.00E+00	1.02E+00	2.52E-03	1.60E+00	0.00E+00	1.29E-08	7.05E-09	5.08E-04	7.58E-08	1.79E-01	0.00E+00	1.60E+00	2.39E-07	1.60E+00	1.78E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	3.73E+01
NCN050	1.88E-03	2.01E-01	8.10E-03	1.93E-01	0.00E+00	0.00E+00	1.21E+00	2.19E-06	1.15E-03	1.79E-03	0.00E+00	-2.48E-04	2.27E-10	1.25E-08	7.21E-03	4.02E-01	0.00E+00	0.00E+00	1.02E+00	3.29E-03	1.61E+00	0.00E+00	1.30E-08	7.11E-09	5.19E-04	9.45E-08	1.80E-01	0.00E+00	1.61E+00	2.14E-07	1.61E+00	1.79E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.72E+01
NCN063	1.90E-03	1.99E-01	7.74E-03	1.91E-01	0.00E+00	0.00E+00	1.23E+00	2.27E-06	1.15E-03	1.78E-03	0.00E+00	-1.90E-04	2.45E-10	1.26E-08	7.33E-03	4.09E-01	0.00E+00	0.00E+00	1.07E+00	2.53E-03	1.65E+00	0.00E+00	1.32E-08	7.28E-09	5.20E-04	7.60E-08	1.86E-01	0.00E+00	1.65E+00	2.49E-07	1.65E+00	1.83E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
NCN100	1.00E-03	1.73E-01	5.81E-03	1.68E-01	2.87E-12	0.00E+00	9.58E-01	1.79E-06	4.56E-04	1.53E-03	0.00E+00	-2.32E-04	1.80E-10	5.37E-09	6.23E-03	2.68E-01	0.00E+00	0.00E+00	7.71E-01	3.15E-03	1.36E+00	0.00E+00	1.12E-08	5.70E-09	4.22E-04	8.85E-08	1.34E-01	0.00E+00	1.36E+00	2.56E-07	1.36E+00	1.50E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
NCN100A	1.00E-03	1.80E-01	5.83E-03	1.73E-01	2.87E-12	0.00E+00	9.58E-01	1.78E-06	4.55E-04	1.55E-03	0.00E+00	-2.30E-04	1.80E-10	5.34E-09	6.23E-03	2.69E-01	0.00E+00	0.00E+00	7.72E-01	3.09E-03	1.36E+00	0.00E+00	1.12E-08	5.70E-09	4.25E-04	8.87E-08	1.34E-01	0.00E+00	1.36E+00	2.57E-07	1.36E+00	1.50E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NCN100N	9.58E-04	1.68E-01	5.11E-03	1.63E-01	2.87E-12	0.00E+00	8.87E-01	1.65E-06	4.28E-04	1.42E-03	0.00E+00	-1.20E-04	1.62E-10	5.41E-09	5.73E-03	2.45E-01	0.00E+00	0.00E+00	6.89E-01	1.76E-03	1.25E+00	0.00E+00	1.01E-08	5.21E-09	3.71E-04	5.94E-08	1.23E-01	0.00E+00	1.25E+00	2.47E-07	1.25E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
NCN101	9.09E-04	1.72E-01	5.85E-03	1.67E-01	2.87E-12	0.00E+00	9.67E-01	1.80E-06	3.92E-04	1.53E-03	0.00E+00	-2.33E-04	1.76E-10	4.95E-09	6.23E-03	2.62E-01	0.00E+00	0.00E+00	7.59E-01	3.09E-03	1.35E+00	0.00E+00	1.09E-08	5.49E-09	4.12E-04	8.72E-08	1.35E-01	0.00E+00	1.35E+00	2.56E-07	1.35E+00	1.48E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NCN101A	9.65E-04	1.73E-01	5.93E-03	1.68E-01	2.87E-12	0.00E+00	9.81E-01	1.80E-06	4.48E-04	1.53E-03	0.00E+00	-2.30E-04	1.79E-10	5.40E-09	6.24E-03	2.70E-01	0.00E+00	0.00E+00	7.68E-01	3.03E-03	1.35E+00	0.00E+00	1.10E-08	5.51E-09	4.13E-04	8.73E-08	1.37E-01	0.00E+00	1.35E+00	2.57E-07	1.35E+00	1.49E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
NCN101N	9.58E-04	1.68E-01	5.11E-03	1.63E-01	2.87E-12	0.00E+00	8.87E-01	1.65E-06	4.28E-04	1.42E-03	0.00E+00	-1.26E-04	1.62E-10	5.41E-09	5.73E-03	2.45E-01	0.00E+00	0.00E+00	6.89E-01	1.83E-03	1.25E+00	0.00E+00	1.01E-08	5.21E-09	3.71E-04	5.94E-08	1.23E-01	0.00E+00	1.25E+00	2.47E-07	1.25E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
NCN102	1.02E-03	1.78E-01	5.96E-03	1.71E-01	2.87E-12	0.00E+00	9.74E-01	1.83E-06	4.84E-04	1.55E-03	0.00E+00	-2.31E-04	1.84E-10	5.49E-09	6.27E-03	2.73E-01	0.00E+00	0.00E+00	7.91E-01	3.16E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.26E-04	8.82E-08	1.37E-01	0.00E+00	1.38E+00	2.58E-07	1.38E+00	1.51E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NCN102A	1.06E-03	1.72E-01	6.03E-03	1.67E-01	2.87E-12	0.00E+00	9.85E-01	1.83E-06	5.13E-04	1.53E-03	0.00E+00	-2.27E-04	1.86E-10	5.81E-09	6.29E-03	2.80E-01	0.00E+00	0.00E+00	7.97E-01	3.08E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.22E-04	8.83E-08	1.39E-01	0.00E+00	1.38E+00	2.59E-07	1.38E+00	1.52E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
NCN102N	9.57E-04	1.68E-01	5.12E-03	1.63E-01	2.87E-12	0.00E+00	8.85E-01	1.65E-06	4.27E-04	1.42E-03	0.00E+00	-1.24E-04	1.61E-10	5.39E-09	5.74E-03	2.45E-01	0.00E+00	0.00E+00	6.89E-01	1.80E-03	1.25E+00	0.00E+00	1.01E-08	5.21E-09	3.71E-04	5.85E-08	1.23E-01	0.00E+00	1.25E+00	2.44E-07	1.25E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NCN103	8.97E-04	1.72E-01	5.74E-03	1.67E-01	2.87E-12	0.00E+00	9.53E-01	1.78E-06	3.88E-04	1.53E-03	0.00E+00	-2.30E-04	1.77E-10	4.79E-09	6.19E-03	2.58E-01	0.00E+00	0.00E+00	7.48E-01	3.05E-03	1.36E+00	0.00E+00	1.09E-08	5.43E-09	4.11E-04	8.67E-08	1.33E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
NCN103A	8.97E-04	1.73E-01	5.73E-03	1.67E-01	2.87E-12	0.00E+00	9.55E-01	1.78E-06	3.88E-04	1.53E-03	0.00E+00	-2.27E-04	1.77E-10	4.79E-09	6.20E-03	2.58E-01	0.00E+00	0.00E+00	7.49E-01	2.99E-03	1.36E+00	0.00E+00	1.09E-08	5.43E-09	4.11E-04	8.68E-08	1.33E-01	0.00E+00	1.36E+00	2.60E-07	1.36E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN103N	9.53E-04	1.67E-01	5.12E-03	1.63E-01	2.87E-12	0.00E+00	8.86E-01	1.65E-06	4.30E-04	1.42E-03	0.00E+00	-1.27E-04	1.64E-10	5.28E-09	5.74E-03	2.46E-01	0.00E+00	0.00E+00	6.92E-01	1.85E-03	1.25E+00	0.00E+00	1.01E-08	5.20E-09	3.72E-04	5.84E-08	1.24E-01	0.00E+00	1.25E+00	2.44E-07	1.25E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NCN104	1.04E-03	1.70E-01	6.00E-03	1.65E-01	2.87E-12	0.00E+00	1.01E+00	1.90E-06	5.18E-04	1.51E-03	0.00E+00	-2.31E-04	1.88E-10	6.04E-09	6.42E-03	2.77E-01	0.00E+00	0.00E+00	7.98E-01	3.11E-03	1.40E+00	0.00E+00	1.12E-08	5.74E-09	4.24E-04	8.68E-08	1.40E-01	0.00E+00	1.40E+00	2.59E-07	1.40E+00	1.53E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
NCN104A	1.01E-03	1.72E-01	5.97E-03	1.66E-01	2.87E-12	0.00E+00	1.01E+00	1.89E-06	4.85E-04	1.51E-03	0.00E+00	-2.28E-04	1.86E-10	5.92E-09	6.39E-03	2.75E-01	0.00E+00	0.00E+00	7.86E-01	2.98E-03	1.39E+00	0.00E+00	1.11E-08	5.58E-09	4.13E-04	8.56E-08	1.40E-01	0.00E+00	1.39E+00	2.60E-07	1.39E+00	1.52E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NCN104N	9.42E-04	1.67E-01	5.11E-03	1.63E-01	2.87E-12	0.00E+00	8.84E-01	1.65E-06	4.28E-04	1.42E-03	0.00E+00	-1.27E-04	1.64E-10	5.29E-09	5.73E-03	2.45E-01	0.00E+00	0.00E+00	6.92E-01	1.82E-03	1.25E+00	0.00E+00	1.01E-08	5.20E-09	3.72E-04	5.89E-08	1.23E-01	0.00E+00	1.25E+00	2.44E-07	1.25E+00	1.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NCN106	8.32E-04	1.70E-01	5.60E-03	1.64E-01	2.87E-12	0.00E+00	9.34E-01	1.73E-06	3.70E-04	1.49E-03	0.00E+00	-1.77E-04	1.70E-10	4.66E-09	6.00E-03	2.55E-01	0.00E+00	0.00E+00	7.21E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.35E-09	3.93E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NCN106A	7.68E-04	1.80E-01	6.02E-03	1.74E-01	0.00E+00	0.00E+00	9.15E-01	1.71E-06	3.25E-04	1.55E-03	0.00E+00	-2.57E-04	1.66E-10	3.95E-09	6.09E-03	2.42E-01	0.00E+00	0.00E+00	6.97E-01	3.40E-03	1.31E+00	0.00E+00	1.06E-08	5.17E-09	3.99E-04	9.59E-08	1.24E-01	0.00E+00	1.31E+00	2.44E-07	1.31E+00	1.43E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NCN106N	9.87E-04	1.68E-01	5.05E-03	1.62E-01	2.87E-12	0.00E+00	8.88E-01	1.65E-06	4.64E-04	1.42E-03	0.00E+00	-8.73E-05	1.61E-10	5.81E-09	5.72E-03	2.45E-01	0.00E+00	0.00E+00	6.91E-01	1.60E-03	1.25E+00	0.00E+00	1.01E-08	5.21E-09	3.70E-04	5.25E-08	1.24E-01	0.00E+00	1.25E+00	2.37E-07	1.25E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NCN106P	9.02E-04	1.70E-01	6.19E-03	1.61E-01	2.87E-12	0.00E+00	9.80E-01	1.71E-06	4.04E-04	1.56E-03	0.00E+00	-9.90E-05	2.02E-10	5.06E-09	6.68E-03	2.79E-01	0.00E+00	0.00E+00	7.61E-01	1.38E-03	1.36E+00	0.00E+00	1.10E-08	5.57E-09	4.17E-04	4.95E-08	1.39E-01	0.00E+00	1.36E+00	6.15E-07	1.36E+00	1.49E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
NCN108A	8.26E-04	1.69E-01	5.49E-03	1.63E-01	2.87E-12	0.00E+00	9.15E-01	1.72E-06	3.73E-04	1.49E-03	0.00E+00	-1.94E-04	1.70E-10	4.75E-09	5.93E-03	2.54E-01	0.00E+00	0.00E+00	7.17E-01	2.53E-03	1.29E+00	0.00E+00	1.04E-08	5.35E-09	3.90E-04	7.67E-08	1.28E-01	0.00E+00	1.29E+00	2.40E-07	1.29E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NCN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.36E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NCN110A	7.98E-04	1.64E-01	6.08E-03	1.58E-01	0.00E+00	0.00E+00	9.35E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-2.57E-04	1.73E-10	4.42E-09	6.02E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	3.40E-03	1.29E+00	0.00E+00	1.04E-08	5.09E-09	3.75E-04	9.52E-08	1.27E-01	0.00E+00	1.29E+00	2.43E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NCN110N	1.05E-03	1.93E-01	6.45E-03	1.82E-01	2.87E-12	0.00E+00	1.06E+00	1.86E-06	4.97E-04	1.60E-03	0.00E+00	-1.03E-04	1.99E-10	6.12E-09	6.70E-03	2.82E-01	0.00E+00	0.00E+00	7.85E-01	1.99E-03	1.41E+00	0.00E+00	1.15E-08	5.65E-09	4.30E-04	5.12E-08	1.43E-01	0.00E+00	1.41E+00	4.16E-07	1.41E+00	1.56E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NCN110P	9.54E-04	1.67E-01	6.10E-03	1.60E-01	2.87E-12	0.00E+00	9.17E-01	1.73E-06	4.56E-04	1.52E-03	0.00E+00	-1.12E-04	1.93E-10	5.28E-09	5.99E-03	2.84E-01	0.00E+00	0.00E+00	7.48E-01	1.56E-03	1.30E+00	0.00E+00	1.06E-08	5.62E-09	4.07E-04	5.12E-08	1.34E-01	0.00E+00	1.30E+00	2.43E-07	1.30E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NCN113	8.76E-04	1.68E-01	5.62E-03	1.61E-01	2.87E-12	0.00E+00	9.36E-01	1.75E-06	4.08E-04	1.48E-03	0.00E+00	-1.98E-04	1.74E-10	4.89E-09	5.99E-03	2.60E-01	0.00E+00	0.00E+00	7.28E-01	2.60E-03	1.30E+00	0.00E+00	1.05E-08	5.33E-09	3.90E-04	7.68E-08	1.30E-01	0.00E+00	1.30E+00	2.39E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NCN113A	8.75E-04	1.68E-01	5.63E-03	1.61E-01	2.87E-12	0.00E+00	9.33E-01	1.74E-06	4.08E-04	1.48E-03	0.00E+00	-1.94E-04	1.74E-10	4.87E-09	5.98E-03	2.61E-01	0.00E+00	0.00E+00	7.26E-01	2.58E-03	1.30E+00	0.00E+00	1.05E-08	5.33E-09	3.91E-04	7.65E-08	1.30E-01	0.00E+00	1.30E+00	2.39E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NCN116	9.07E-04	1.68E-01	5.76E-03	1.61E-01	2.87E-12	0.00E+00	9.49E-01	1.79E-06	4.47E-04	1.47E-03	0.00E+00	-1.98E-04	1.79E-10	5.48E-09	6.02E-03	2.63E-01	0.00E+00	0.00E+00	7.40E-01	2.60E-03	1.31E+00	0.00E+00	1.05E-08	5.36E-09	3.91E-04	7.51E-08	1.31E-01	0.00E+00	1.31E+00	2.39E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN116A	8.80E-04	1.66E-01	6.27E-03	1.60E-01	0.00E+00	0.00E+00	9.66E-01	1.83E-06	4.18E-04	1.45E-03	0.00E+00	-2.57E-04	1.79E-10	5.05E-09	6.16E-03	2.59E-01	0.00E+00	0.00E+00	7.52E-01	3.40E-03	1.33E+00	0.00E+00	1.06E-08	5.27E-09	3.85E-04	9.54E-08	1.32E-01	0.00E+00	1.33E+00	2.44E-07	1.33E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN116N	8.93E-04	1.70E-01	5.43E-03	1.64E-01	0.00E+00	0.00E+00	1.04E+00	1.97E-06	4.13E-04	1.50E-03	0.00E+00	-1.25E-04	1.60E-10	5.21E-09	6.58E-03	2.70E-01	0.00E+00	0.00E+00	7.79E-01	1.67E-03	1.41E+00	0.00E+00	1.14E-08	5.53E-09	4.00E-04	5.44E-08	1.39E-01	0.00E+00	1.41E+00	2.72E-07	1.41E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
NCN116P	9.10E-04	1.67E-01	6.04E-03	1.59E-01	2.87E-12	0.00E+00	9.42E-01	1.71E-06	4.10E-04	1.52E-03	0.00E+00	-1.05E-04	1.94E-10	4.82E-09	6.27E-03	2.76E-01	0.00E+00	0.00E+00	7.46E-01	1.31E-03	1.32E+00	0.00E+00	1.07E-08	5.52E-09	4.10E-04	4.86E-08	1.35E-01	0.00E+00	1.32E+00	2.52E-07	1.32E+00	1.45E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NCN120	1.02E-03	1.69E-01	6.06E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.93E-06	5.04E-04	1.50E-03	0.00E+00	-1.92E-04	1.88E-10	6.49E-09	6.37E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.55E-03	1.39E+00	0.00E+00	1.11E-08	5.59E-09	4.02E-04	7.43E-08	1.43E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NCN120A	1.21E-03	1.73E-01	6.94E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-2.57E-04	2.01E-10	7.58E-09	6.56E-03	3.08E-01	0.00E+00	0.00E+00	8.57E-01	3.40E-03	1.43E+00	0.00E+00	1.14E-08	5.90E-09	4.24E-04	9.59E-08	1.50E-01	0.00E+00	1.43E+00	2.42E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NCN120N	1.07E-03	1.95E-01	6.61E-03	1.83E-01	2.87E-12	0.00E+00	1.06E+00	1.85E-06	5.14E-04	1.61E-03	0.00E+00	-1.00E-04	2.03E-10	6.46E-09	6.69E-03	2.88E-01	0.00E+00	0.00E+00	7.91E-01	1.64E-03	1.41E+00	0.00E+00	1.16E-08	5.72E-09	4.40E-04	5.25E-08	1.43E-01	0.00E+00	1.41E+00	5.06E-07	1.41E+00	1.56E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NCN120P	9.60E-04	1.69E-01	6.20E-03	1.60E-01	2.87E-12	0.00E+00	1.00E+00	1.77E-06	4.52E-04	1.55E-03	0.00E+00	-1.03E-04	2.03E-10	5.71E-09	6.71E-03	2.82E-01	0.00E+00	0.00E+00	7.78E-01	1.25E-03	1.38E+00	0.00E+00	1.10E-08	5.61E-09	4.16E-04	4.85E-08	1.41E-01	0.00E+00	1.38E+00	2.54E-07	1.38E+00	1.52E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
NCN125	1.16E-03	1.72E-01	5.93E-03	1.65E-01	2.87E-12	0.00E+00	1.02E+00	1.85E-06	6.75E-04	1.53E-03	0.00E+00	-1.88E-04	1.87E-10	7.33E-09	6.40E-03	3.06E-01	0.00E+00	0.00E+00	8.28E-01	2.51E-03	1.39E+00	0.00E+00	1.10E-08	5.72E-09	4.20E-04	7.34E-08	1.46E-01	0.00E+00	1.39E+00	2.50E-07	1.39E+00	1.53E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
NCN125A	1.36E-03	1.70E-01	6.00E-03	1.63E-01	2.87E-12	0.00E+00	1.02E+00	1.90E-06	7.06E-04	1.51E-03	0.00E+00	-1.86E-04	1.87E-10	7.93E-09	6.37E-03	3.16E-01	0.00E+00	0.00E+00	8.68E-01	2.46E-03	1.39E+00	0.00E+00	1.11E-08	5.81E-09	4.19E-04	7.37E-08	1.53E-01	0.00E+00	1.39E+00	2.51E-07	1.39E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
NCN125N	1.09E-03	1.74E-01	5.70E-03	1.67E-01	2.87E-12	0.00E+00	1.00E+00	1.83E-06	5.20E-04	1.52E-03	0.00E+00	-8.73E-05	1.85E-10	6.69E-09	6.20E-03	2.80E-01	0.00E+00	0.00E+00	7.95E-01	1.59E-03	1.37E+00	0.00E+00	1.09E-08	5.67E-09	4.05E-04	5.30E-08	1.42E-01	0.00E+00	1.37E+00	2.50E-07	1.37E+00	1.49E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
NCN125P	9.69E-04	1.70E-01	6.13E-03	1.61E-01	2.87E-12	0.00E+00	1.01E+00	1.77E-06	4.56E-04	1.55E-03	0.00E+00	-1.03E-04	2.03E-10	5.79E-09	6.71E-03	2.88E-01	0.00E+00	0.00E+00	7.86E-01	1.25E-03	1.39E+00	0.00E+00	1.10E-08	5.65E-09	4.18E-04	4.85E-08	1.43E-01	0.00E+00	1.39E+00	2.56E-07	1.39E+00	1.52E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NCN132	1.44E-03	1.86E-01	6.48E-03	1.83E-01	2.87E-12	0.00E+00	1.09E+00	2.01E-06	8.92E-04	1.59E-03	0.00E+00	-1.75E-04	2.02E-10	9.72E-09	6.63E-03	3.34E-01	0.00E+00	0.00E+00	9.19E-01	2.54E-03	1.45E+00	0.00E+00	1.17E-08	6.34E-09	4.48E-04	7.42E-08	1.63E-01	0.00E+00	1.45E+00	2.47E-07	1.45E+00	1.61E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NCN132A	1.49E-03	1.96E-01	7.48E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-2.57E-04	2.14E-10	9.47E-09	6.93E-03	3.50E-01	0.00E+00	0.00E+00	9.27E-01	3.40E-03	1.53E+00	0.00E+00	1.24E-08	6.55E-09	4.82E-04	9.70E-08	1.64E-01	0.00E+00	1.53E+00	2.40E-07	1.53E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NCN132N	1.50E-03	1.94E-01	6.46E-03	1.85E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	9.24E-04	1.62E-03	0.00E+00	-8.71E-05	2.04E-10	1.02E-08	6.80E-03	3.49E-01	0.00E+00	0.00E+00	9.12E-01	1.75E-03	1.46E+00	0.00E+00	1.21E-08	6.54E-09	4.76E-04	5.70E-08	1.67E-01	0.00E+00	1.46E+00	2.58E-07	1.46E+00	1.62E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NCN132P	1.26E-03	1.95E-01	7.40E-03	1.80E-01	2.87E-12	0.00E+00	1.10E+00	1.83E-06	5.52E-04	1.73E-03	0.00E+00	-9.36E-05	2.24E-10	7.05E-09	7.35E-03	3.43E-01	0.00E+00	0.00E+00	8.57E-01	1.29E-03	1.47E+00	0.00E+00	1.19E-08	6.42E-09	4.76E-04	5.10E-08	1.58E-01	0.00E+00	1.47E+00	2.93E-07	1.47E+00	1.63E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
NCN140	1.50E-03	1.91E-01	6.57E-03	1.85E-01	2.87E-12	0.00E+00	1.11E+00	2.03E-06	9.22E-04	1.68E-03	0.00E+00	-1.87E-04	2.07E-10	9.89E-09	6.84E-03	3.43E-01	0.00E+00	0.00E+00	9.34E-01	2.69E-03	1.49E+00	0.00E+00	1.21E-08	6.33E-09	4.71E-04	7.50E-08	1.64E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.65E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NCN140A	1.83E-03	2.00E-01	7.51E-03	1.92E-01	0.00E+00	0.00E+00	1.18E+00	2.16E-06	1.10E-03	1.78E-03	0.00E+00	-1.90E-04	2.29E-10	1.20E-08	7.14E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	2.53E-03	1.60E+00	0.00E+00	1.29E-08	7.08E-09	5.15E-04	7.59E-08	1.78E-01	0.00E+00	1.60E+00	2.37E-07	1.60E+00	1.78E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.70E+01
NCN140N	1.46E-03	1.79E-01	6.05E-03	1.74E-01	2.87E-12	0.00E+00	1.07E+00	1.89E-06	9.23E-04	1.59E-03	0.00E+00	-9.19E-05	1.92E-10	1.01E-08	6.38E-03	3.39E-01	0.00E+00	0.00E+00	9.17E-01	1.72E-03	1.43E+00	0.00E+00	1.15E-08	6.43E-09	4.53E-04	5.55E-08	1.67E-01	0.00E+00	1.43E+00	2.50E-07	1.43E+00	1.56E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
NCN140P	1.30E-03	1.95E-01	7.46E-03	1.81E-01	2.87E-12	0.00E+00	1.10E+00	1.84E-06	5.77E-04	1.73E-03	0.00E+00	-9.36E-05	2.37E-10	7.30E-09	7.37E-03	3.46E-01	0.00E+00	0.00E+00	8.66E-01	1.29E-03	1.47E+00	0.00E+00	1.19E-08	6.44E-09	4.77E-04	5.10E-08	1.59E-01	0.00E+00	1.47E+00	2.93E-07	1.47E+00	1.62E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
NCN150	1.44E-03	2.00E-01	7.16E-03	1.91E-01	2.87E-12	0.00E+00	1.14E+00	1.88E-06	9.33E-04	1.72E-03	0.00E+00	-2.17E-04	2.27E-10	9.80E-09	6.76E-03	3.60E-01	0.00E+00	0.00E+00	9.08E-01	2.67E-03	1.48E+00	0.00E+00	1.21E-08	6.67E-09	4.81E-04	8.13E-08	1.61E-01	0.00E+00	1.48E+00	2.55E-07	1.48E+00	1.64E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
NCN150A	1.89E-03	2.01E-01	7.63E-03	1.94E-01	0.00E+00	0.00E+00	1.20E+00	2.19E-06	1.15E-03	1.80E-03	0.00E+00	-1.90E-04	2.31E-10	1.25E-08	7.22E-03	4.04E-01	0.00E+00	0.00E+00	1.03E+00	2.53E-03	1.62E+00	0.00E+00	1.31E-08	7.19E-09	5.23E-04	7.61E-08	1.81E-01	0.00E+00	1.62E+00	2.35E-07	1.62E+00	1.80E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
NCN150N	1.51E-03	1.79E-01	6.36E-03	1.74E-01	2.87E-12	0.00E+00	1.13E+00	1.92E-06	9.30E-04	1.59E-03	0.00E+00	-1.48E-04	1.93E-10	1.04E-08	6.40E-03	3.55E-01	0.00E+00	0.00E+00	9.39E-01	1.90E-03	1.44E+00	0.00E+00	1.16E-08	6.47E-09	4.54E-04	5.83E-08	1.71E-01	0.00E+00	1.44E+00	2.51E-07	1.44E+00	1.58E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
NCN150P	1.36E-03	1.96E-01	7.61E-03	1.82E-01	2.87E-12	0.00E+00	1.15E+00	1.96E-06	6.47E-04	1.75E-03	0.00E+00	-1.09E-04	2.38E-10	7.88E-09	7.37E-03	3.66E-01	0.00E+00	0.00E+00	8.85E-01	1.45E-03	1.53E+00	0.00E+00	1.23E-08	6.56E-09	4.77E-04	5.37E-08	1.60E-01	0.00E+00	1.53E+00	2.91E-07	1.53E+00	1.68E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
NCN163	1.66E-03	1.98E-01	7.63E-03	1.89E-01	2.87E-12	0.00E+00	1.16E+00	1.92E-06	1.10E-03	1.75E-03	0.00E+00	-1.61E-04	2.35E-10	1.15E-08	7.04E-03	3.63E-01	0.00E+00	0.00E+00	9.06E-01	2.16E-03	1.47E+00	0.00E+00	1.19E-08	6.65E-09	4.75E-04	6.55E-08	1.61E-01	0.00E+00	1.47E+00	2.46E-07	1.47E+00	1.64E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
NCN163A	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.44E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.30E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NCN163N	1.66E-03	1.79E-01	6.51E-03	1.74E-01	2.87E-12	0.00E+00	1.14E+00	1.92E-06	1.31E-03	1.59E-03	0.00E+00	-1.59E-04	1.93E-10	1.18E-08	6.41E-03	3.58E-01	0.00E+00	0.00E+00	9.43E-01	2.11E-03	1.44E+00	0.00E+00	1.16E-08	6.47E-09	4.54E-04	6.10E-08	1.72E-01	0.00E+00	1.44E+00	2.55E-07	1.44E+00	1.58E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NCN163P	1.57E-03	1.96E-01	8.24E-03	1.81E-01	2.87E-12	0.00E+00	1.16E+00	2.04E-06	1.19E-03	1.76E-03	0.00E+00	-1.09E-04	2.58E-10	1.16E-08	7.54E-03	3.89E-01	0.00E+00	0.00E+00	9.33E-01	1.46E-03	1.60E+00	0.00E+00	1.29E-08	6.89E-09	5.05E-04	5.52E-08	1.68E-01	0.00E+00	1.60E+00	6.91E-07	1.60E+00	1.76E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NCN200	2.67E-03	3.79E-01	1.16E-02	3.62E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	5.90E-04	3.36E-03	0.00E+00	-3.06E-04	3.65E-10	1.23E-08	1.41E-02	6.39E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.20E+00	0.00E+00	2.60E-08	1.36E-08	9.72E-04	1.39E-07	3.35E-01	0.00E+00	3.20E+00	4.16E-07	3.20E+00	3.46E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NCN200A	2.67E-03	3.79E-01	1.17E-02	3.62E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	5.91E-04	3.36E-03	0.00E+00	-3.05E-04	3.65E-10	1.23E-08	1.42E-02	6.40E-01	0.00E+00	0.00E+00	1.76E+00	3.78E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.72E-04	1.39E-07	3.35E-01	0.00E+00	3.23E+00	4.16E-07	3.23E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NCN200N	9.85E-04	1.77E-01	5.54E-03	1.70E-01	2.87E-12	0.00E+00	9.14E-01	1.84E-06	4.49E-04	1.52E-03	0.00E+00	-2.80E-04	1.72E-10	5.57E-09	6.00E-03	2.56E-01	0.00E+00	0.00E+00	7.17E-01	3.25E-03	1.40E+00	0.00E+00	1.08E-08	5.32E-09	3.89E-04	8.74E-08	1.27E-01	0.00E+00	1.40E+00	3.95E-07	1.40E+00	1.50E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
NCN201	2.55E-03	2.94E-01	1.17E-02	2.76E-01	2.87E-12	0.00E+00	2.18E+00	4.12E-06	6.19E-04	2.77E-03	0.00E+00	-2.70E-04	3.56E-10	1.17E-08	1.39E-02	6.27E-01	0.00E+00	0.00E+00	1.69E+00	3.80E-03	3.19E+00	0.00E+00	2.55E-08	1.31E-08	9.14E-04	1.39E-07	3.21E-01	0.00E+00	3.19E+00	4.16E-07	3.19E+00	3.46E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	5.99E+01
NCN201A	2.69E-03	2.97E-01	1.17E-02	2.81E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	6.20E-04	2.84E-03	0.00E+00	-3.05E-04	3.60E-10	1.25E-08	1.42E-02	6.40E-01	0.00E+00	0.00E+00	1.76E+00	3.79E-03	3.26E+00	0.00E+00	2.61E-08	1.36E-08	9.46E-04	1.39E-07	3.35E-01	0.00E+00	3.26E+00	4.16E-07	3.26E+00	3.54E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
NCN201N	9.85E-04	1.77E-01	5.53E-03	1.70E-01	2.87E-12	0.00E+00	9.13E-01	1.84E-06	4.49E-04	1.52E-03	0.00E+00	-2.79E-04	1.71E-10	5.56E-09	6.00E-03	2.56E-01	0.00E+00	0.00E+00	7.16E-01	3.27E-03	1.40E+00	0.00E+00	1.08E-08	5.32E-09	3.89E-04	8.75E-08	1.27E-01	0.00E+00	1.40E+00	3.95E-07	1.40E+00	1.50E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
NCN201P	2.13E-03	3.89E-01	1.22E-02	3.75E-01	2.87E-12	0.00E+00	2.20E+00	4.11E-06	5.51E-04	3.40E-03	0.00E+00	-2.52E-04	4.07E-10	9.42E-09	1.51E-02	5.51E-01	0.00E+00	0.00E+00	1.66E+00	2.30E-03	3.03E+00	0.00E+00	2.50E-08	1.26E-08	9.33E-04	1.13E-07	3.03E-01	0.00E+00	3.03E+00	5.61E-07	3.03E+00	3.34E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
NCN202	2.70E-03	2.98E-01	1.18E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	8.99E-04	2.84E-03	0.00E+00	-3.07E-04	3.60E-10	1.43E-08	1.41E-02	6.40E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.38E-07	3.36E-01	0.00E+00	3.23E+00	4.19E-07	3.23E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NCN202A	2.72E-03	2.97E-01	1.18E-02	2.81E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	9.13E-04	2.84E-03	0.00E+00	-2.71E-04	3.61E-10	1.46E-08	1.42E-02	6.37E-01	0.00E+00	0.00E+00	1.77E+00	3.76E-03	3.26E+00	0.00E+00	2.61E-08	1.36E-08	9.46E-04	1.38E-07	3.37E-01	0.00E+00	3.26E+00	4.18E-07	3.26E+00	3.54E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01

NCN202N	1.02E-03	1.77E-01	5.57E-03	1.70E-01	2.87E-12	0.00E+00	9.31E-01	1.87E-06	4.82E-04	1.52E-03	0.00E+00	-2.80E-04	1.76E-10	5.95E-09	6.03E-03	2.59E-01	0.00E+00	0.00E+00	7.34E-01	3.26E-03	1.41E+00	0.00E+00	1.08E-08	5.33E-09	3.92E-04	8.69E-08	1.28E-01	0.00E+00	1.41E+00	3.95E-07	1.41E+00	1.51E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NCN203	2.68E-03	2.98E-01	1.16E-02	2.82E-01	2.87E-12	0.00E+00	2.21E+00	4.18E-06	8.51E-04	2.84E-03	0.00E+00	-3.07E-04	3.60E-10	1.37E-08	1.42E-02	6.39E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.36E-07	3.36E-01	0.00E+00	3.23E+00	4.19E-07	3.23E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NCN203A	2.68E-03	2.97E-01	1.17E-02	2.81E-01	2.87E-12	0.00E+00	2.22E+00	4.20E-06	8.73E-04	2.84E-03	0.00E+00	-3.05E-04	3.61E-10	1.40E-08	1.42E-02	6.37E-01	0.00E+00	0.00E+00	1.77E+00	3.78E-03	3.26E+00	0.00E+00	2.61E-08	1.36E-08	9.46E-04	1.36E-07	3.37E-01	0.00E+00	3.26E+00	4.19E-07	3.26E+00	3.54E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NCN203N	1.12E-03	1.77E-01	5.77E-03	1.70E-01	2.87E-12	0.00E+00	9.39E-01	1.87E-06	8.94E-04	1.53E-03	0.00E+00	-2.86E-04	1.77E-10	8.94E-09	6.03E-03	2.73E-01	0.00E+00	0.00E+00	7.63E-01	3.28E-03	1.42E+00	0.00E+00	1.09E-08	5.47E-09	3.97E-04	8.69E-08	1.33E-01	0.00E+00	1.42E+00	3.97E-07	1.42E+00	1.52E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NCN204	2.71E-03	2.98E-01	1.17E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.16E-06	8.81E-04	2.84E-03	0.00E+00	-2.72E-04	3.62E-10	1.46E-08	1.41E-02	6.29E-01	0.00E+00	0.00E+00	1.76E+00	3.80E-03	3.23E+00	0.00E+00	2.61E-08	1.37E-08	9.42E-04	1.35E-07	3.37E-01	0.00E+00	3.23E+00	4.18E-07	3.23E+00	3.50E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NCN204A	2.73E-03	2.97E-01	1.18E-02	2.81E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	8.90E-04	2.84E-03	0.00E+00	-2.71E-04	3.62E-10	1.48E-08	1.42E-02	6.30E-01	0.00E+00	0.00E+00	1.77E+00	3.77E-03	3.26E+00	0.00E+00	2.61E-08	1.37E-08	9.45E-04	1.35E-07	3.37E-01	0.00E+00	3.26E+00	4.17E-07	3.26E+00	3.53E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NCN204N	1.11E-03	1.77E-01	5.65E-03	1.70E-01	2.87E-12	0.00E+00	9.37E-01	1.87E-06	8.71E-04	1.53E-03	0.00E+00	-2.86E-04	1.77E-10	8.73E-09	6.02E-03	2.67E-01	0.00E+00	0.00E+00	7.62E-01	3.27E-03	1.42E+00	0.00E+00	1.09E-08	5.45E-09	3.97E-04	8.69E-08	1.33E-01	0.00E+00	1.42E+00	3.96E-07	1.42E+00	1.52E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NCN204P	2.13E-03	3.89E-01	1.22E-02	3.76E-01	2.87E-12	0.00E+00	2.20E+00	4.12E-06	7.51E-04	3.40E-03	0.00E+00	-2.52E-04	4.07E-10	1.03E-08	1.51E-02	5.50E-01	0.00E+00	0.00E+00	1.67E+00	2.28E-03	3.03E+00	0.00E+00	2.50E-08	1.26E-08	9.33E-04	1.12E-07	3.04E-01	0.00E+00	3.03E+00	5.70E-07	3.03E+00	3.34E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.87E+01
NCN206	1.36E-03	3.04E-01	1.13E-02	2.89E-01	2.87E-12	0.00E+00	1.95E+00	3.52E-06	4.99E-04	2.78E-03	0.00E+00	-2.30E-04	3.30E-10	6.99E-09	1.19E-02	6.09E-01	0.00E+00	0.00E+00	1.36E+00	3.21E-03	2.55E+00	0.00E+00	2.06E-08	9.94E-09	7.52E-04	1.27E-07	2.42E-01	0.00E+00	2.55E+00	4.09E-07	2.55E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
NCN206A	1.40E-03	3.02E-01	1.14E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.57E-06	4.98E-04	2.77E-03	0.00E+00	-2.31E-04	3.32E-10	6.97E-09	1.21E-02	6.12E-01	0.00E+00	0.00E+00	1.38E+00	3.31E-03	2.58E+00	0.00E+00	2.08E-08	1.00E-08	7.60E-04	1.27E-07	2.45E-01	0.00E+00	2.58E+00	4.09E-07	2.58E+00	2.84E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
NCN206N	1.03E-03	1.77E-01	5.51E-03	1.68E-01	2.87E-12	0.00E+00	9.23E-01	1.89E-06	5.13E-04	1.49E-03	0.00E+00	-2.08E-04	1.73E-10	6.16E-09	6.01E-03	2.61E-01	0.00E+00	0.00E+00	7.21E-01	3.26E-03	1.42E+00	0.00E+00	1.08E-08	5.33E-09	3.92E-04	8.10E-08	1.28E-01	0.00E+00	1.42E+00	3.69E-07	1.42E+00	1.52E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NCN206P	2.03E-03	3.00E-01	1.22E-02	2.85E-01	2.87E-12	0.00E+00	2.17E+00	4.08E-06	5.85E-04	2.72E-03	0.00E+00	-2.49E-04	3.94E-10	9.50E-09	1.48E-02	5.47E-01	0.00E+00	0.00E+00	1.62E+00	2.28E-03	3.04E+00	0.00E+00	2.46E-08	1.23E-08	8.84E-04	1.13E-07	2.95E-01	0.00E+00	3.04E+00	5.66E-07	3.04E+00	3.37E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
NCN210	1.38E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.82E+00	3.63E-06	7.59E-04	2.76E-03	0.00E+00	-2.39E-04	3.37E-10	8.63E-09	1.20E-02	6.21E-01	0.00E+00	0.00E+00	1.40E+00	3.47E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.29E-07	2.45E-01	0.00E+00	2.71E+00	5.24E-07	2.71E+00	2.94E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
NCN210A	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
NCN210N	1.64E-03	2.93E-01	8.15E-03	2.80E-01	2.87E-12	0.00E+00	1.71E+00	3.26E-06	8.32E-04	2.62E-03	0.00E+00	-2.13E-04	3.03E-10	9.81E-09	1.11E-02	4.78E-01	0.00E+00	0.00E+00	1.38E+00	3.60E-03	2.45E+00	0.00E+00	1.96E-08	9.93E-09	6.81E-04	8.34E-08	2.43E-01	0.00E+00	2.45E+00	4.31E-07	2.45E+00	2.73E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
NCN210P	1.40E-03	3.04E-01	1.19E-02	2.89E-01	2.87E-12	0.00E+00	1.78E+00	3.68E-06	6.60E-04	2.72E-03	0.00E+00	-2.33E-04	3.33E-10	7.78E-09	1.20E-02	5.28E-01	0.00E+00	0.00E+00	1.39E+00	2.22E-03	2.75E+00	0.00E+00	2.13E-08	1.03E-08	7.51E-04	1.15E-07	2.44E-01	0.00E+00	2.75E+00	6.14E-07	2.75E+00	3.00E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
NCN213	1.41E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.22E-04	2.76E-03	0.00E+00	-2.42E-04	3.65E-10	8.61E-09	1.22E-02	6.40E-01	0.00E+00	0.00E+00	1.42E+00	3.46E-03	2.73E+00	0.00E+00	2.12E-08	1.04E-08	7.51E-04	1.26E-07	2.47E-01	0.00E+00	2.73E+00	5.37E-07	2.73E+00	2.96E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NCN216	1.43E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.30E-04	2.76E-03	0.00E+00	-2.42E-04	3.65E-10	8.89E-09	1.22E-02	6.40E-01	0.00E+00	0.00E+00	1.42E+00	3.47E-03	2.73E+00	0.00E+00	2.12E-08	1.04E-08	7.51E-04	1.26E-07	2.47E-01	0.00E+00	2.73E+00	5.38E-07	2.73E+00	2.96E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NCN216A	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
NCN216N	1.68E-03	3.00E-01	8.47E-03	2.88E-01	2.87E-12	0.00E+00	1.76E+00	3.39E-06	8.69E-04	2.76E-03	0.00E+00	-2.15E-04	3.11E-10	1.01E-08	1.14E-02	5.17E-01	0.00E+00	0.00E+00	1.39E+00	3.63E-03	2.52E+00	0.00E+00	2.03E-08	1.01E-08	7.45E-04	8.34E-08	2.45E-01	0.00E+00	2.52E+00	4.31E-07	2.52E+00	2.81E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
NCN216P	1.42E-03	3.04E-01	1.19E-02	2.89E-01	2.87E-12	0.00E+00	1.83E+00	3.71E-06	6.76E-04	2.72E-03	0.00E+00	-2.37E-04	3.40E-10	7.98E-09	1.21E-02	5.34E-01	0.00E+00	0.00E+00	1.39E+00	2.24E-03	2.76E+00	0.00E+00	2.13E-08	1.03E-08	7.51E-04	1.09E-07	2.44E-01	0.00E+00	2.76E+00	5.78E-07	2.76E+00	3.00E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
NCN220	2.64E-03	2.99E-01	1.28E-02	2.85E-01	2.87E-12	0.00E+00	2.22E+00	4.15E-06	8.40E-04	2.79E-03	0.00E+00	-2.58E-04	4.00E-10	1.37E-08	1.43E-02	6.58E-01	0.00E+00	0.00E+00	1.75E+00	3.63E-03	3.17E+00	0.00E+00	2.56E-08	1.35E-08	9.19E-04	1.25E-07	3.29E-01	0.00E+00	3.17E+00	5.31E-07	3.17E+00	3.47E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NCN220A	2.67E-03	2.98E-01	1.28E-02	2.84E-01	2.87E-12	0.00E+00	2.23E+00	4.18E-06	8.48E-04	2.79E-03	0.00E+00	-2.57E-04	4.00E-10	1.40E-08	1.43E-02	6.58E-01	0.00E+00	0.00E+00	1.76E+00	3.61E-03	3.20E+00	0.00E+00	2.56E-08	1.35E-08	9.22E-04	1.25E-07	3.29E-01	0.00E+00	3.20E+00	5.31E-07	3.20E+00	3.49E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
NCN220N	1.70E-03	3.04E-01	9.36E-03	2.90E-01	2.87E-12	0.00E+00	1.77E+00	3.42E-06	8.78E-04	2.78E-03	0.00E+00	-2.20E-04	3.18E-10	1.04E-08	1.15E-02	5.30E-01	0.00E+00	0.00E+00	1.43E+00	3.63E-03	2.55E+00	0.00E+00	2.03E-08	1.01E-08	7.48E-04	8.65E-08	2.47E-01	0.00E+00	2.55E+00	4.37E-07	2.55E+00	2.82E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
NCN220P	2.06E-03	3.00E-01	1.21E-02	2.85E-01	2.87E-12	0.00E+00	2.18E+00	4.08E-06	7.39E-04	2.72E-03	0.00E+00	-2.49E-04	3.96E-10	1.01E-08	1.49E-02	5.47E-01	0.00E+00	0.00E+00	1.65E+00	2.24E-03	3.04E+00	0.00E+00	2.47E-08	1.24E-08	8.84E-04	1.04E-07	2.98E-01	0.00E+00	3.04E+00	5.70E-07	3.04E+00	3.36E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
NCN225	2.87E-03	2.99E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	1.48E-03	2.77E-03	0.00E+00	-2.58E-04	3.97E-10	1.74E-08	1.43E-02	7.02E-01	0.00E+00	0.00E+00	1.88E+00	3.64E-03	3.17E+00	0.00E+00	2.56E-08	1.35E-08	9.18E-04	1.23E-07	3.32E-01	0.00E+00	3.17E+00	5.33E-07	3.17E+00	3.49E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NCN225A	2.90E-03	2.99E-01	1.30E-02	2.85E-01	2.87E-12	0.00E+00	2.24E+00	4.23E-06	1.49E-03	2.79E-03	0.00E+00	-2.57E-04	4.00E-10	1.73E-08	1.44E-02	7.08E-01	0.00E+00	0.00E+00	1.88E+00	3.62E-03	3.21E+00	0.00E+00	2.57E-08	1.36E-08	9.28E-04	1.23E-07	3.36E-01	0.00E+00	3.21E+00	5.31E-07	3.21E+00	3.53E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
NCN225N	1.99E-03	2.99E-01	1.17E-02	2.79E-01	2.87E-12	0.00E+00	2.09E+00	3.84E-06	1.14E-03	2.78E-03	0.00E+00	-2.40E-04	3.50E-10	1.24E-08	1.25E-02	5.90E-01	0.00E+00	0.00E+00	1.52E+00	4.03E-03	2.79E+00	0.00E+00	2.24E-08	1.08E-08	8.11E-04	1.30E-07	2.66E-01	0.00E+00	2.79E+00	4.38E-07	2.79E+00	3.05E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
NCN225P	2.23E-03	3.03E-01	1.20E-02	2.88E-01	2.87E-12	0.00E+00	2.20E+00	4.12E-06	1.25E-03	2.74E-03	0.00E+00	-2.73E-04	4.00E-10	1.35E-08	1.47E-02	5.65E-01	0.00E+00	0.00E+00	1.67E+00	2.31E-03	3.07E+00	0.00E+00	2.48E-08	1.25E-08	9.20E-04	1.06E-07	3.04E-01	0.00E+00	3.07E+00	5.67E-07	3.07E+00	3.42E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.98E+01
NCN232	3.10E-03	3.89E-01	1.16E-02	3.74E-01	2.87E-12	0.00E+00	2.22E+00	4.21E-06	1.72E-03	3.43E-03	0.00E+00	-2.53E-04	3.72E-10	1.95E-08	1.42E-02	7.13E-01	0.00E+00	0.00E+00	1.89E+00	3.52E-03	3.16E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.27E-07	3.42E-01	0.00E+00	3.16E+00	4.09E-07	3.16E+00	3.47E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
NCN232A	3.10E-03	3.89E-01	1.16E-02	3.74E-01	2.87E-12	0.00E+00	2.23E+00	4.24E-06	1.72E-03	3.43E-03	0.00E+00	-2.54E-04	3.72E-10	1.95E-08	1.42E-02	7.16E-01	0.00E+00	0.00E+00	1.89E+00	3.49E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.27E-07	3.43E-01	0.00E+00	3.19E+00	4.09E-07	3.19E+00	3.50E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
NCN232N	2.94E-03	2.92E-01	1.22E-02	2.75E-01	2.87E-12	0.00E+00	2.22E+00	4.28E-06	1.51E-03	2.85E-03	0.00E+00	-2.64E-04	3.64E-10	1.67E-08	1.42E-02	7.12E-01	0.00E+00	0.00E+00	1.76E+00	3.95E-03	3.31E+00	0.00E+00	2.66E-08	1.29E-08	9.10E-04	1.32E-07	3.14E-01	0.00E+00	3.31E+00	4.73E-07	3.31E+00	3.56E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.48E+01
NCN232P	2.83E-03	3.92E-01	1.26E-02	3.79E-01	2.87E-12	0.00E+00	2.22E+00	4.17E-06	1.60E-03	3.46E-03	0.00E+00	-3.13E-04	4.11E-10	1.80E-08	1.49E-02	7.04E-01	0.00E+00	0.00E+00	1.85E+00	2.53E-03	3.06E+00	0.00E+00	2.51E-08	1.31E-08	9.73E-04	1.03E-07	3.24E-01	0.00E+00	3.06E+00	4.28E-07	3.06E+00	3.41E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
NCN240	2.90E-03	3.91E-01	1.22E-02	3.76E-01	2.87E-12	0.00E+00	2.25E+00	4.24E-06	1.57E-03	3.42E-03	0.00E+00	-3.02E-04	3.74E-10	1.79E-08	1.42E-02	6.73E-01	0.00E+00	0.00E+00	1.81E+00	3.92E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.80E-04	1.28E-07	3.40E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.48E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NCN240A	3.65E-03	3.99E-01	1.55E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.31E-06	2.21E-03	3.55E-03	0.00E+00	-4.42E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.88E-03	3.20E+00	0.00E+00	2.58E-08	1.41E-08	1.03E-03	1.72E-07	3.56E-01	0.00E+00	3.20E+00	4.63E-07	3.20E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
NCN240N	3.19E-03	4.08E-01	1.41E-02	3.94E-01	0.00E+00	0.00E+00	2.22E+00	3.98E-06	1.86E-03	3.61E-03	0.00E+00	-3.85E-04	3.80E-10	2.05E-08	1.41E-02	7.23E-01	0.00E+00	0.00E+00	1.80E+00	5.12E-03	3.08E+00	0.00E+00	2.53E-08	1.34E-08	1.01E-03	1.54E-07	3.25E-01	0.00E+00	3.08E+00	4.49E-07	3.08E+00	3.41E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
NCN240P	3.08E-03	3.95E-01	1.35E-02	3.82E-01	2.87E-12	0.00E+00	2.22E+00	4.17E-06	1.52E-03	3.44E-03	0.00E+00	-2.90E-04	4.40E-10	1.85E-08	1.52E-02	7.35E-01	0.00E+00	0.00E+00	1.86E+00	2.94E-03	3.05E+00	0.00E+00	2.52E-08	1.32E-08	9.45E-04	1.14E-07	3.23E-01	0.00E+00	3.05E+00	5.65E-07	3.05E+00	3.40E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
NCN250	3.19E-03	3.91E-01	1.29E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.25E-06	1.80E-03	3.42E-03	0.00E+00	-3.44E-04	3.79E-10	1.97E-08	1.42E-02	7.35E-01	0.00E+00	0.00E+00	1.96E+00	4.21E-03	3.19E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.39E-07	3.47E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.49E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NCN250A	3.19E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.27E+00	4.27E-06	1.79E-03	3.42E-03	0.00E+00	-3.55E-04	3.79E-10	1.97E-08	1.42E-02	7.36E-01	0.00E+00	0.00E+00	1.96E+00	4.22E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.39E-07	3.48E-01	0.00E+00	3.21E+00	4.09E-07	3.21E+00	3.52E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
NCN250N	3.12E-03	3.01E-01	1.28E-02	2.83E-01	2.87E-12	0.00E+00	2.27E+00	4.27E-06	1.65E-03	2.84E-03	0.00E+00	-3.28E-04	3.70E-10	1.91E-08	1.46E-02	7.63E-01	0.00E+00	0.00E+00	1.80E+00	4.46E-03	3.23E+00	0.00E+00	2.60E-08	1.29E-08	9.24E-04	1.52E-07	3.21E-01	0.00E+00	3.23E+00	4.75E-07	3.23E+00	3.54E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.57E+01
NCN250P	2.94E-03	3.96E-01	1.30E-02	3.84E-01	2.87E-12	0.00E+00	2.22E+00	4.16E-06	1.60E-03	3.49E-03	0.00E+00	-3.28E-04	4.42E-10	1.84E-08	1.49E-02	7.07E-01	0.00E+00	0.00E+00	1.85E+00	2.73E-03	3.07E+00	0.00E+00	2.52E-08	1.31E-08	9.67E-04	1.16E-07	3.25E-01	0.00E+00	3.07E+00	5.69E-07	3.07E+00	3.42E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NCN263	4.65E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.58E-04	3.79E-10	2.95E-08	1.41E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.26E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NCN263A	4.66E-03	3.91E-01	1.31E-02	3.77E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.66E-03	3.41E-03	0.00E+00	-3.57E-04	3.79E-10	2.94E-08	1.42E-02	7.43E-01	0.00E+00	0.00E+00	1.96E+00	4.26E-03	3.22E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.49E-01	0.00E+00	3.22E+00	4.10E-07	3.22E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
NCN263N	4.14E-03	3.00E-01	1.33E-02	2.82E-01	2.87E-12	0.00E+00	2.28E+00	4.29E-06	2.39E-03	2.84E-03	0.00E+00	-3.82E-04	3.71E-10	2.74E-08	1.46E-02	7.79E-01	0.00E+00	0.00E+00	1.81E+00	5.45E-03	3.24E+00	0.00E+00	2.61E-08	1.30E-08	9.27E-04	1.82E-07	3.23E-01	0.00E+00	3.24E+00	4.75E-07	3.24E+00	3.55E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
NCN263P	3.91E-03	3.94E-01	1.39E-02	3.82E-01	2.87E-12	0.00E+00	2.23E+00	4.26E-06	2.19E-03	3.50E-03	0.00E+00	-3.34E-04	4.45E-10	2.53E-08	1.50E-02	7.43E-01	0.00E+00	0.00E+00	1.87E+00	3.07E-03	3.12E+00	0.00E+00	2.56E-08	1.32E-08	9.70E-04	1.50E-07	3.25E-01	0.00E+00	3.12E+00	5.69E-07	3.12E+00	3.46E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
NCN300	3.09E-03	5.24E-01	2.77E-02	5.05E-01	2.87E-12	0.00E+00	2.93E+00	5.63E-06	1.07E-03	4.55E-03	0.00E+00	-5.30E-04	5.73E-10	1.52E-08	1.93E-02	8.51E-01	0.00E+00	0.00E+00	2.34E+00	7.20E-03	4.19E+00	0.00E+00	3.40E-08	1.70E-08	1.26E-03	1.99E-07	4.15E-01	0.00E+00	4.19E+00	3.98E-07	4.19E+00	4.61E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
NCN300N	2.44E-03	4.50E-01	2.62E-02	4.48E-01	2.87E-12	0.00E+00	2.74E+00	4.97E-06	1.01E-03	4.20E-03	0.00E+00	-4.18E-04	5.08E-10	1.26E-08	1.73E-02	6.81E-01	0.00E+00	0.00E+00	1.83E+00	4.37E-03	3.61E+00	0.00E+00	2.89E-08	1.27E-08	1.06E-03	1.58E-07	3.30E-01	0.00E+00	3.61E+00	3.54E-07	3.61E+00	3.95E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NCN301	3.06E-03	5.13E-01	2.77E-02	4.92E-01	2.87E-12	0.00E+00	2.94E+00	5.61E-06	8.86E-04	4.33E-03	0.00E+00	-5.30E-04	5.51E-10	1.43E-08	1.93E-02	8.46E-01	0.00E+00	0.00E+00	2.34E+00	7.20E-03	4.12E+00	0.00E+00	3.33E-08	1.70E-08	1.24E-03	1.99E-07	4.12E-01	0.00E+00	4.12E+00	3.97E-07	4.12E+00	4.53E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
NCN301A	3.07E-03	5.13E-01	2.83E-02	4.95E-01	2.87E-12	0.00E+00	2.99E+00	5.65E-06	8.97E-04	4.33E-03	0.00E+00	-5.21E-04	5.55E-10	1.47E-08	1.93E-02	8.50E-01	0.00E+00	0.00E+00	2.37E+00	7.08E-03	4.13E+00	0.00E+00	3.33E-08	1.72E-08	1.24E-03	1.97E-07	4.17E-01	0.00E+00	4.13E+00	3.97E-07	4.13E+00	4.54E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+01
NCN301N	2.44E-03	4.50E-01	2.62E-02	4.48E-01	2.87E-12	0.00E+00	2.74E+00	4.97E-06	8.73E-04	4.20E-03	0.00E+00	-4.17E-04	5.08E-10	1.19E-08	1.73E-02	6.81E-01	0.00E+00	0.00E+00	1.83E+00	4.37E-03	3.61E+00	0.00E+00	2.89E-08	1.27E-08	1.06E-03	1.58E-07	3.30E-01	0.00E+00	3.61E+00	3.54E-07	3.61E+00	3.95E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NCN302	3.08E-03	5.13E-01	2.77E-02	4.92E-01	2.87E-12	0.00E+00	2.94E+00	5.62E-06	1.38E-03	4.34E-03	0.00E+00	-5.30E-04	5.54E-10	1.62E-08	1.93E-02	8.46E-01	0.00E+00	0.00E+00	2.34E+00	7.20E-03	4.13E+00	0.00E+00	3.33E-08	1.69E-08	1.24E-03	1.98E-07	4.13E-01	0.00E+00	4.13E+00	3.98E-07	4.13E+00	4.53E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.43E+01
NCN302A	3.11E-03	5.26E-01	2.83E-02	5.06E-01	2.87E-12	0.00E+00	3.00E+00	5.69E-06	1.41E-03	4.57E-03	0.00E+00	-5.22E-04	5.79E-10	1.68E-08	1.94E-02	8.55E-01	0.00E+00	0.00E+00	2.38E+00	7.07E-03	4.21E+00	0.00E+00	3.42E-08	1.72E-08	1.27E-03	1.96E-07	4.21E-01	0.00E+00	4.21E+00	1.11E-06	4.21E+00	4.63E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
NCN302N	2.46E-03	4.50E-01	2.62E-02	4.48E-01	2.87E-12	0.00E+00	2.73E+00	4.96E-06	1.02E-03	4.20E-03	0.00E+00	-4.17E-04	5.08E-10	1.26E-08	1.73E-02	6.82E-01	0.00E+00	0.00E+00	1.83E+00	4.35E-03	3.62E+00	0.00E+00	2.90E-08	1.27E-08	1.06E-03	1.56E-07	3.30E-01	0.00E+00	3.62E+00	3.56E-07	3.62E+00	3.95E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NCN303	3.00E-03	5.11E-01	2.77E-02	4.93E-01	2.87E-12	0.00E+00	2.92E+00	5.62E-06	1.44E-03	4.32E-03	0.00E+00	-5.30E-04	5.55E-10	1.66E-08	1.92E-02	8.56E-01	0.00E+00	0.00E+00	2.35E+00	7.21E-03	4.13E+00	0.00E+00	3.33E-08	1.69E-08	1.24E-03	1.98E-07	4.13E-01	0.00E+00	4.13E+00	4.05E-07	4.13E+00	4.53E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+01
NCN303A	2.93E-03	5.11E-01	2.77E-02	4.94E-01	2.87E-12	0.00E+00	2.90E+00	5.51E-06	1.43E-03	4.32E-03	0.00E+00	-5.22E-04	5.14E-10	1.66E-08	1.88E-02	8.34E-01	0.00E+00	0.00E+00	2.34E+00	7.08E-03	3.97E+00	0.00E+00	3.20E-08	1.62E-08	1.23E-03	1.95E-07	4.10E-01	0.00E+00	3.97E+00	3.98E-07	3.97E+00	4.37E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
NCN303N	2.47E-03	4.50E-01	2.62E-02	4.48E-01	2.87E-12	0.00E+00	2.74E+00	4.95E-06	1.28E-03	4.20E-03	0.00E+00	-4.16E-04	5.10E-10	1.30E-08	1.73E-02	6.82E-01	0.00E+00	0.00E+00	1.83E+00	4.31E-03	3.62E+00	0.00E+00	2.90E-08	1.27E-08	1.07E-03	1.52E-07	3.32E-01	0.00E+00	3.62E+00	3.55E-07	3.62E+00	3.95E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
NCN304	3.01E-03	5.10E-01	2.79E-02	4.91E-01	2.87E-12	0.00E+00	2.93E+00	5.56E-06	1.53E-03	4.31E-03	0.00E+00	-5.29E-04	5.26E-10	1.76E-08	1.89E-02	8.39E-01	0.00E+00	0.00E+00	2.34E+00	7.24E-03	4.00E+00	0.00E+00	3.23E-08	1.64E-08	1.23E-03	2.03E-07	4.08E-01	0.00E+00	4.00E+00	3.97E-07	4.00E+00	4.41E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
NCN304A	3.03E-03	5.10E-01	2.85E-02	4.93E-01	2.87E-12	0.00E+00	2.98E+00	5.61E-06	1.68E-03	4.31E-03	0.00E+00	-5.20E-04	5.31E-10	1.91E-08	1.90E-02	8.43E-01	0.00E+00	0.00E+00	2.37E+00	7.12E-03	4.01E+00	0.00E+00	3.23E-08	1.66E-08	1.24E-03	2.01E-07	4.12E-01	0.00E+00	4.01E+00	3.98E-07	4.01E+00	4.43E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
NCN304N	2.46E-03	4.50E-01	2.62E-02	4.48E-01	2.87E-12	0.00E+00	2.73E+00	4.95E-06	1.28E-03	4.20E-03	0.00E+00	-4.15E-04	5.10E-10	1.30E-08	1.73E-02	6.81E-01	0.00E+00	0.00E+00	1.83E+00	4.28E-03	3.62E+00	0.00E+00	2.90E-08	1.26E-08	1.06E-03	1.53E-07	3.30E-01	0.00E+00	3.62E+00	3.54E-07	3.62E+00	3.95E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NCN306	2.29E-03	4.82E-01	1.48E-02	4.70E-01	2.87E-12	0.00E+00	2.75E+00	5.21E-06	9.78E-04	4.25E-03	0.00E+00	-4.76E-04	4.98E-10	1.27E-08	1.79E-02	6.80E-01	0.00E+00	0.00E+00	2.07E+00	3.34E-03	3.86E+00	0.00E+00	3.14E-08	1.57E-08	1.19E-03	1.56E-07	3.78E-01	0.00E+00	3.86E+00	7.50E-07	3.86E+00	4.27E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
NCN306A	2.31E-03	5.37E-01	1.64E-02	5.21E-01	0.00E+00	0.00E+00	2.75E+00	5.15E-06	9.75E-04	4.63E-03	0.00E+00	-5.57E-04	4.97E-10	1.19E-08	1.88E-02	7.38E-01	0.00E+00	0.00E+00	2.10E+00	7.40E-03	3.96E+00	0.00E+00	3.21E-08	1.56E-08	1.20E-03	2.20E-07	3.74E-01	0.00E+00	3.96E+00	7.64E-07	3.96E+00	4.33E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
NCN306N	2.33E-03	4.38E-01	2.62E-02	4.33E-01	2.87E-12	0.00E+00	3.00E+00	5.01E-06	9.78E-04	4.21E-03	0.00E+00	-3.43E-04	5.06E-10	1.21E-08	1.80E-02	6.78E-01	0.00E+00	0.00E+00	1.79E+00	4.35E-03	3.67E+00	0.00E+00	2.98E-08	1.24E-08	1.06E-03	1.45E-07	3.29E-01	0.00E+00	3.67E+00	3.43E-07	3.67E+00	3.98E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
NCN306P	2.26E-03	4.75E-01	1.72E-02	4.50E-01	2.87E-12	0.00E+00	2.92E+00	5.71E-06	9.39E-04	4.22E-03	0.00E+00	-3.68E-04	4.99E-10	1.17E-08	1.87E-02	7.89E-01	0.00E+00	0.00E+00	2.24E+00	4.63E-03	4.10E+00	0.00E+00	3.40E-08	1.69E-08	1.21E-03	1.62E-07	3.96E-01	0.00E+00	4.10E+00	7.36E-07	4.10E+00	4.61E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	7.99E+01
NCN310	2.70E-03	4.89E-01	1.47E-02	4.71E-01	2.87E-12	0.00E+00	2.83E+00	5.21E-06	1.30E-03	4.30E-03	0.00E+00	-4.88E-04	4.95E-10	1.51E-08	1.80E-02	7.47E-01	0.00E+00	0.00E+00	2.19E+00	6.44E-03	3.86E+00	0.00E+00	3.11E-08	1.57E-08	1.14E-03	2.00E-07	3.91E-01	0.00E+00	3.86E+00	7.36E-07	3.86E+00	4.26E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.84E+01
NCN310A	2.40E-03	4.88E-01	1.66E-02	4.71E-01	0.00E+00	0.00E+00	2.81E+00	5.34E-06	1.08E-03	4.25E-03	0.00E+00	-5.57E-04	5.20E-10	1.33E-08	1.86E-02	7.49E-01	0.00E+00	0.00E+00	2.17E+00	7.40E-03	3.91E+00	0.00E+00	3.12E-08	1.53E-08	1.12E-03	2.18E-07	3.82E-01	0.00E+00	3.91E+00	7.60E-07	3.91E+00	4.29E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NCN310N	2.33E-03	4.31E-01	2.59E-02	4.25E-01	2.87E-12	0.00E+00	2.73E+00	4.99E-06	1.16E-03	4.14E-03	0.00E+00	-3.30E-04	4.67E-10	1.28E-08	1.79E-02	6.71E-01	0.00E+00	0.00E+00	1.74E+00	4.39E-03	3.65E+00	0.00E+00	2.90E-08	1.22E-08	9.62E-04	1.38E-07	3.12E-01	0.00E+00	3.65E+00	3.48E-07	3.65E+00	3.91E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NCN310P	2.22E-03	4.64E-01	2.53E-02	4.42E-01	2.87E-12	0.00E+00	2.81E+00	5.37E-06	1.10E-03	4.05E-03	0.00E+00	-3.31E-04	4.88E-10	1.21E-08	1.78E-02	6.43E-01	0.00E+00	0.00E+00	1.98E+00	3.84E-03	3.79E+00	0.00E+00	3.12E-08	1.42E-08	1.09E-03	1.42E-07	3.50E-01	0.00E+00	3.79E+00	3.26E-07	3.79E+00	4.18E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
NCN313	2.63E-03	4.99E-01	1.80E-02	4.81E-01	0.00E+00	0.00E+00	2.90E+00	5.44E-06	1.25E-03	4.34E-03	0.00E+00	-6.72E-04	5.33E-10	1.51E-08	1.88E-02	7.83E-01	0.00E+00	0.00E+00	2.24E+00	8.92E-03	3.95E+00	0.00E+00	3.16E-08	1.57E-08	1.15E-03	2.55E-07	3.94E-01	0.00E+00	3.95E+00	7.08E-07	3.95E+00	4.34E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
NCN316	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NCN316A	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NCN316N	2.65E-03	5.05E-01	1.60E-02	4.89E-01	0.00E+00	0.00E+00	3.03E+00	5.69E-06	1.23E-03	4.45E-03	0.00E+00	-3.76E-04	4.71E-10	1.54E-08	1.97E-02	8.02E-01	0.00E+00	0.00E+00	2.27E+00	5.02E-03	4.14E+00	0.00E+00	3.34E-08	1.62E-08	1.18E-03	1.62E-07	4.05E-01	0.00E+00	4.14E+00	7.80E-07	4.14E+00	4.55E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	8.06E+01
NCN316P	2.75E-03	4.75E-01	1.49E-02	4.48E-01	2.87E-12	0.00E+00	2.90E+00	5.67E-06	1.24E-03	4.19E-03	0.00E+00	-3.43E-04	5.02E-10	1.52E-08	1.85E-02	7.41E-01	0.00E+00	0.00E+00	2.22E+00	4.04E-03	4.04E+00	0.00E+00	3.31E-08	1.61E-08	1.17E-03	1.54E-07	3.90E-01	0.00E+00	4.04E+00	7.50E-07	4.04E+00	4.53E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
NCN320	3.01E-03	4.93E-01	1.74E-02	4.71E-01	2.87E-12	0.00E+00	2.94E+00	5.50E-06	1.53E-03	4.44E-03	0.00E+00	-5.51E-04	5.30E-10	1.79E-08	1.90E-02	8.34E-01	0.00E+00	0.00E+00	2.37E+00	7.55E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.22E-03	2.18E-07	4.16E-01	0.00E+00	4.01E+00	7.52E-07	4.01E+00	4.43E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	8.50E+01
NCN320A	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NCN320N	2.81E-03	4.22E-01	1.59E-02	4.23E-01	2.87E-12	0.00E+00	2.85E+00	5.09E-06	1.33E-03	4.24E-03	0.00E+00	-3.63E-04	5.03E-10	1.64E-08	1.87E-02	7.47E-01	0.00E+00	0.00E+00	1.89E+00	4.70E-03	3.71E+00	0.00E+00	3.08E-08	1.28E-08	1.01E-03	1.43E-07	3.31E-01	0.00E+00	3.71E+00	6.99E-07	3.71E+00	4.04E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
NCN320P	2.94E-03	5.13E-01	1.68E-02	4.96E-01	2.87E-12	0.00E+00	2.95E+00	5.87E-06	1.30E-03	4.29E-03	0.00E+00	-3.61E-04	5.25E-10	1.68E-08	1.93E-02	8.24E-01	0.00E+00	0.00E+00	2.32E+00	4.68E-03	4.20E+00	0.00E+00	3.47E-08	1.73E-08	1.23E-03	1.63E-07	4.11E-01	0.00E+00	4.20E+00	7.46E-07	4.20E+00	4.72E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NCN325	3.25E-03	5.00E-01	1.87E-02	4.76E-01	2.87E-12	0.00E+00	3.01E+00	5.57E-06	1.70E-03	4.43E-03	0.00E+00	-5.48E-04	5.55E-10	1.94E-08	1.91E-02	9.19E-01	0.00E+00	0.00E+00	2.69E+00	7.56E-03	4.06E+00	0.00E+00	3.26E-08	1.83E-08	1.27E-03	2.22E-07	4.70E-01	0.00E+00	4.06E+00	7.41E-07	4.06E+00	4.50E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.68E+01
NCN325A	5.35E-03	5.19E-01	2.00E-02	4.99E-01	0.00E+00	0.00E+00	3.17E+00	5.90E-06	1.98E-03	4.57E-03	0.00E+00	-6.72E-04	5.87E-10	2.27E-08	2.00E-02	9.28E-01	0.00E+00	0.00E+00	2.53E+00	8.92E-03	4.25E+00	0.00E+00	3.40E-08	1.75E-08	1.26E-03	2.57E-07	4.46E-01	0.00E+00	4.25E+00	6.94E-07	4.25E+00	4.69E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
NCN325N	3.13E-03	4.37E-01	2.79E-02	4.45E-01	2.87E-12	0.00E+00	3.46E+00	5.87E-06	1.61E-03	4.33E-03	0.00E+00	-4.43E-04	5.56E-10	1.87E-08	2.08E-02	9.13E-01	0.00E+00	0.00E+00	2.52E+00	5.53E-03	4.47E+00	0.00E+00	3.56E-08	1.79E-08	1.22E-03	1.63E-07	4.44E-01	0.00E+00	4.47E+00	3.86E-07	4.47E+00	4.69E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	9.33E+01
NCN325P	3.12E-03	4.79E-01	1.83E-02	4.55E-01	2.87E-12	0.00E+00	3.01E+00	5.92E-06	1.74E-03	4.27E-03	0.00E+00	-5.03E-04	5.51E-10	1.98E-08	1.94E-02	8.93E-01	0.00E+00	0.00E+00	2.52E+00	6.45E-03	4.20E+00	0.00E+00	3.46E-08	1.84E-08	1.23E-03	2.01E-07	4.43E-01	0.00E+00	4.20E+00	7.51E-07	4.20E+00	4.72E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
NCN332	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.92E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN332A	4.47E-03	5.85E-01	2.20E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-7.10E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	9.43E-03	4.62E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.72E-07	4.92E-01	0.00E+00	4.62E+00	7.33E-07	4.62E+00	5.12E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN332N	4.77E-03	5.91E-01	3.80E-02	5.69E-01	2.87E-12	0.00E+00	3.47E+00	6.19E-06	2.80E-03	5.24E-03	0.00E+00	-5.58E-04	5.90E-10	3.05E-08	2.10E-02	1.08E+00	1.83E-06	8.31E-06	2.69E+00	6.33E-03	4.79E+00	0.00E+00	3.88E-08	2.01E-08	1.49E-03	2.94E-07	4.91E-01	0.00E+00	4.79E+00	8.26E-07	4.79E+00	5.18E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN332P	4.68E-03	5.47E-01	2.03E-02	5.23E-01	2.87E-12	0.00E+00	3.39E+00	6.36E-06	2.64E-03	5.03E-03	0.00E+00	-5.71E-04	5.94E-10	3.05E-08	2.14E-02	1.07E+00	0.00E+00	0.00E+00	2.75E+00	6.50E-03	4.49E+00	0.00E+00	3.70E-08	2.01E-08	1.44E-03	2.13E-07	4.88E-01	0.00E+00	4.49E+00	7.50E-07	4.49E+00	5.07E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN340	3.47E-03	5.65E-01	2.93E-02	5.45E-01	2.87E-12	0.00E+00	3.15E+00	5.85E-06	1.84E-03	5.11E-03	0.00E+00	-6.47E-04	6.25E-10	2.05E-08	2.00E-02	9.30E-01	0.00E+00	0.00E+00	2.65E+00	7.49E-03	4.35E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.23E-07	4.70E-01	0.00E+00	4.35E+00	3.28E-07	4.35E+00	4.78E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01

NCN340A	5.48E-03	5.98E-01	2.26E-02	5.76E-01	0.00E+00	0.00E+00	3.55E+00	6.48E-06	3.31E-03	5.34E-03	0.00E+00	-5.70E-04	6.88E-10	3.61E-08	2.19E-02	1.19E+00	0.00E+00	0.00E+00	3.03E+00	7.58E-03	4.83E+00	0.00E+00	3.89E-08	2.13E-08	1.55E-03	2.28E-07	5.35E-01	0.00E+00	4.83E+00	7.14E-07	4.83E+00	5.36E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NCN340N	4.78E-03	6.10E-01	2.10E-02	5.89E-01	0.00E+00	0.00E+00	3.30E+00	5.92E-06	2.79E-03	5.39E-03	0.00E+00	-5.77E-04	5.68E-10	3.07E-08	2.10E-02	1.08E+00	0.00E+00	0.00E+00	2.69E+00	7.67E-03	4.60E+00	0.00E+00	3.77E-08	2.00E-08	1.51E-03	2.30E-07	4.85E-01	0.00E+00	4.60E+00	6.68E-07	4.60E+00	5.08E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+01
NCN340P	4.72E-03	5.52E-01	2.12E-02	5.33E-01	2.87E-12	0.00E+00	3.45E+00	6.37E-06	2.64E-03	5.12E-03	0.00E+00	-3.94E-04	6.00E-10	3.01E-08	2.17E-02	1.09E+00	0.00E+00	0.00E+00	2.80E+00	4.81E-03	4.59E+00	0.00E+00	3.79E-08	2.06E-08	1.44E-03	1.87E-07	4.94E-01	0.00E+00	4.59E+00	7.50E-07	4.59E+00	5.16E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NCN350	4.90E-03	5.69E-01	3.09E-02	5.45E-01	2.87E-12	0.00E+00	3.33E+00	6.06E-06	2.88E-03	5.13E-03	0.00E+00	-6.63E-04	6.44E-10	3.20E-08	2.09E-02	1.14E+00	0.00E+00	0.00E+00	2.89E+00	7.57E-03	4.44E+00	0.00E+00	3.59E-08	2.05E-08	1.49E-03	2.32E-07	5.13E-01	0.00E+00	4.44E+00	3.26E-07	4.44E+00	4.93E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NCN350A	5.66E-03	6.03E-01	2.39E-02	5.80E-01	0.00E+00	0.00E+00	3.60E+00	6.57E-06	3.44E-03	5.39E-03	0.00E+00	-6.93E-04	6.92E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	9.21E-03	4.88E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.68E-07	5.44E-01	0.00E+00	4.88E+00	6.91E-07	4.88E+00	5.43E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NCN350N	5.11E-03	6.22E-01	2.22E-02	5.99E-01	0.00E+00	0.00E+00	3.53E+00	6.39E-06	3.02E-03	5.51E-03	0.00E+00	-5.97E-04	6.05E-10	3.30E-08	2.20E-02	1.15E+00	0.00E+00	0.00E+00	2.88E+00	7.94E-03	4.81E+00	0.00E+00	3.90E-08	2.09E-08	1.56E-03	2.38E-07	5.17E-01	0.00E+00	4.81E+00	6.98E-07	4.81E+00	5.33E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN350P	4.70E-03	5.59E-01	2.13E-02	5.35E-01	2.87E-12	0.00E+00	3.45E+00	6.55E-06	2.69E-03	5.10E-03	0.00E+00	-5.57E-04	6.28E-10	3.07E-08	2.19E-02	1.10E+00	0.00E+00	0.00E+00	2.85E+00	6.65E-03	4.65E+00	0.00E+00	3.81E-08	2.12E-08	1.45E-03	2.18E-07	5.01E-01	0.00E+00	4.65E+00	7.53E-07	4.65E+00	5.24E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN363	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NCN363A	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NCN363N	5.10E-03	6.20E-01	2.27E-02	5.97E-01	0.00E+00	0.00E+00	3.50E+00	6.32E-06	3.02E-03	5.49E-03	0.00E+00	-6.66E-04	5.99E-10	3.30E-08	2.18E-02	1.14E+00	0.00E+00	0.00E+00	2.85E+00	8.85E-03	4.77E+00	0.00E+00	3.88E-08	2.07E-08	1.55E-03	2.60E-07	5.12E-01	0.00E+00	4.77E+00	6.81E-07	4.77E+00	5.29E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NCN363P	4.76E-03	5.54E-01	2.19E-02	5.35E-01	2.87E-12	0.00E+00	3.46E+00	6.41E-06	2.71E-03	5.10E-03	0.00E+00	-5.61E-04	6.14E-10	3.11E-08	2.16E-02	1.09E+00	0.00E+00	0.00E+00	2.81E+00	6.64E-03	4.58E+00	0.00E+00	3.78E-08	2.11E-08	1.45E-03	2.24E-07	4.95E-01	0.00E+00	4.58E+00	7.53E-07	4.58E+00	5.17E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NCN400	4.90E-03	6.68E-01	2.50E-02	6.41E-01	2.87E-12	0.00E+00	4.33E+00	8.06E-06	1.78E-03	5.50E-03	0.00E+00	-6.77E-04	8.10E-10	2.26E-08	2.71E-02	1.24E+00	0.00E+00	0.00E+00	3.54E+00	8.62E-03	5.88E+00	0.00E+00	4.66E-08	2.41E-08	1.50E-03	2.50E-07	6.27E-01	0.00E+00	5.88E+00	1.20E-06	5.88E+00	6.50E+00	6.27E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NCN400A	4.90E-03	6.70E-01	2.50E-02	6.46E-01	2.87E-12	0.00E+00	4.32E+00	8.07E-06	1.78E-03	5.51E-03	0.00E+00	-6.74E-04	8.10E-10	2.26E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.53E+00	8.53E-03	5.87E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.50E-07	6.23E-01	0.00E+00	5.87E+00	1.21E-06	5.87E+00	6.48E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NCN400N	3.55E-03	5.83E-01	2.81E-02	5.64E-01	2.87E-12	0.00E+00	3.22E+00	6.06E-06	1.15E-03	5.26E-03	0.00E+00	-5.29E-04	5.90E-10	1.53E-08	2.11E-02	9.01E-01	0.00E+00	0.00E+00	2.47E+00	7.10E-03	4.51E+00	0.00E+00	3.63E-08	1.70E-08	1.34E-03	1.83E-07	4.41E-01	0.00E+00	4.51E+00	3.83E-07	4.51E+00	4.95E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
NCN401	4.90E-03	6.68E-01	2.50E-02	6.39E-01	2.87E-12	0.00E+00	4.32E+00	8.03E-06	1.21E-03	5.50E-03	0.00E+00	-6.79E-04	8.10E-10	2.13E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.50E+00	8.63E-03	5.86E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.51E-07	6.24E-01	0.00E+00	5.86E+00	1.19E-06	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN401N	3.54E-03	5.83E-01	2.81E-02	5.64E-01	2.87E-12	0.00E+00	3.22E+00	6.06E-06	1.15E-03	5.26E-03	0.00E+00	-5.29E-04	5.89E-10	1.54E-08	2.11E-02	9.01E-01	0.00E+00	0.00E+00	2.47E+00	7.10E-03	4.51E+00	0.00E+00	3.63E-08	1.70E-08	1.34E-03	1.84E-07	4.40E-01	0.00E+00	4.51E+00	3.83E-07	4.51E+00	4.95E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
NCN402	5.14E-03	6.62E-01	3.05E-02	6.33E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	2.81E-03	5.52E-03	0.00E+00	-6.83E-04	8.08E-10	3.20E-08	2.71E-02	1.24E+00	0.00E+00	0.00E+00	3.50E+00	8.67E-03	5.86E+00	0.00E+00	4.65E-08	2.41E-08	1.50E-03	2.54E-07	6.24E-01	0.00E+00	5.86E+00	1.20E-06	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN402A	5.14E-03	6.65E-01	3.05E-02	6.39E-01	2.87E-12	0.00E+00	4.33E+00	8.04E-06	2.82E-03	5.53E-03	0.00E+00	-6.81E-04	8.08E-10	3.21E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.50E+00	8.58E-03	5.85E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.54E-07	6.20E-01	0.00E+00	5.85E+00	1.21E-06	5.85E+00	6.46E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN402N	3.55E-03	5.82E-01	2.81E-02	5.63E-01	2.87E-12	0.00E+00	3.22E+00	6.07E-06	1.48E-03	5.26E-03	0.00E+00	-5.29E-04	5.91E-10	1.63E-08	2.11E-02	9.02E-01	0.00E+00	0.00E+00	2.47E+00	7.09E-03	4.52E+00	0.00E+00	3.64E-08	1.70E-08	1.34E-03	1.83E-07	4.41E-01	0.00E+00	4.52E+00	3.82E-07	4.52E+00	4.95E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E+01
NCN403	5.20E-03	6.57E-01	3.05E-02	6.28E-01	2.87E-12	0.00E+00	4.34E+00	8.05E-06	2.90E-03	5.50E-03	0.00E+00	-6.82E-04	8.08E-10	3.26E-08	2.71E-02	1.25E+00	0.00E+00	0.00E+00	3.50E+00	8.67E-03	5.86E+00	0.00E+00	4.65E-08	2.42E-08	1.60E-03	2.54E-07	6.24E-01	0.00E+00	5.86E+00	3.98E-07	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN403A	5.20E-03	6.59E-01	2.49E-02	6.34E-01	2.87E-12	0.00E+00	4.33E+00	8.04E-06	2.89E-03	5.51E-03	0.00E+00	-6.78E-04	8.08E-10	3.26E-08	2.71E-02	1.25E+00	0.00E+00	0.00E+00	3.50E+00	8.58E-03	5.85E+00	0.00E+00	4.65E-08	2.42E-08	1.60E-03	2.58E-07	6.20E-01	0.00E+00	5.85E+00	1.21E-06	5.85E+00	6.46E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN403N	3.71E-03	5.82E-01	2.82E-02	5.63E-01	2.87E-12	0.00E+00	3.23E+00	6.09E-06	1.78E-03	5.26E-03	0.00E+00	-5.31E-04	5.93E-10	1.94E-08	2.11E-02	9.07E-01	0.00E+00	0.00E+00	2.50E+00	7.13E-03	4.51E+00	0.00E+00	3.64E-08	1.72E-08	1.34E-03	1.85E-07	4.43E-01	0.00E+00	4.51E+00	3.83E-07	4.51E+00	4.96E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
NCN404	5.33E-03	6.58E-01	2.53E-02	6.28E-01	2.87E-12	0.00E+00	4.33E+00	8.02E-06	2.99E-03	5.50E-03	0.00E+00	-6.85E-04	8.08E-10	3.42E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.50E+00	8.69E-03	5.86E+00	0.00E+00	4.65E-08	2.42E-08	1.65E-03	2.65E-07	6.24E-01	0.00E+00	5.86E+00	1.22E-06	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN404A	5.33E-03	6.61E-01	3.08E-02	6.33E-01	2.87E-12	0.00E+00	4.33E+00	8.03E-06	2.99E-03	5.52E-03	0.00E+00	-6.81E-04	8.08E-10	3.42E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.50E+00	8.61E-03	5.85E+00	0.00E+00	4.64E-08	2.42E-08	1.65E-03	2.61E-07	6.20E-01	0.00E+00	5.85E+00	4.09E-07	5.85E+00	6.46E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN404N	3.71E-03	5.82E-01	2.81E-02	5.63E-01	2.87E-12	0.00E+00	3.23E+00	6.08E-06	1.79E-03	5.26E-03	0.00E+00	-5.31E-04	5.93E-10	1.94E-08	2.11E-02	9.05E-01	0.00E+00	0.00E+00	2.49E+00	7.12E-03	4.52E+00	0.00E+00	3.64E-08	1.71E-08	1.34E-03	1.85E-07	4.42E-01	0.00E+00	4.52E+00	3.83E-07	4.52E+00	4.96E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	8.93E+01
NCN406	4.90E-03	6.26E-01	2.14E-02	5.95E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.22E-03	5.14E-03	0.00E+00	-6.78E-04	6.74E-10	2.13E-08	2.37E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.37E-03	5.03E+00	0.00E+00	4.01E-08	1.92E-08	1.40E-03	2.45E-07	5.02E-01	0.00E+00	5.03E+00	9.24E-07	5.03E+00	5.47E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NCN406A	4.84E-03	6.14E-01	2.07E-02	6.02E-01	2.87E-12	0.00E+00	3.64E+00	6.91E-06	1.26E-03	5.63E-03	0.00E+00	-6.84E-04	6.07E-10	2.18E-08	2.30E-02	9.31E-01	0.00E+00	0.00E+00	2.69E+00	4.71E-03	4.84E+00	0.00E+00	3.93E-08	1.87E-08	1.38E-03	1.80E-07	4.83E-01	0.00E+00	4.84E+00	9.50E-07	4.84E+00	5.24E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.67E+01
NCN406N	3.40E-03	5.72E-01	2.82E-02	5.63E-01	2.87E-12	0.00E+00	3.57E+00	6.05E-06	1.09E-03	5.22E-03	0.00E+00	-4.00E-04	5.74E-10	1.48E-08	2.15E-02	9.01E-01	0.00E+00	0.00E+00	2.54E+00	5.21E-03	4.65E+00	0.00E+00	3.73E-08	1.70E-08	1.31E-03	1.64E-07	4.46E-01	0.00E+00	4.65E+00	3.72E-07	4.65E+00	5.00E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	8.99E+01
NCN406P	4.76E-03	6.27E-01	2.69E-02	6.05E-01	2.87E-12	0.00E+00	4.36E+00	7.97E-06	1.19E-03	5.89E-03	0.00E+00	-4.48E-04	8.06E-10	2.00E-08	2.77E-02	1.22E+00	0.00E+00	0.00E+00	3.50E+00	5.02E-03	5.90E+00	0.00E+00	4.63E-08	2.41E-08	1.48E-03	1.84E-07	6.31E-01	0.00E+00	5.90E+00	9.46E-07	5.90E+00	6.51E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN410	3.65E-03	6.11E-01	1.87E-02	5.96E-01	2.87E-12	0.00E+00	3.44E+00	6.52E-06	1.78E-03	5.33E-03	0.00E+00	-6.81E-04	5.97E-10	1.97E-08	2.21E-02	8.96E-01	0.00E+00	0.00E+00	2.47E+00	8.61E-03	4.67E+00	0.00E+00	3.69E-08	1.71E-08	1.34E-03	2.68E-07	4.40E-01	0.00E+00	4.67E+00	9.34E-07	4.67E+00	5.03E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.83E+01
NCN410A	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN410N	3.01E-03	5.54E-01	2.79E-02	5.40E-01	2.87E-12	0.00E+00	3.64E+00	6.01E-06	1.35E-03	4.78E-03	0.00E+00	-3.97E-04	5.70E-10	1.66E-08	2.14E-02	8.58E-01	0.00E+00	0.00E+00	2.54E+00	5.16E-03	4.63E+00	0.00E+00	3.73E-08	1.71E-08	1.29E-03	1.63E-07	4.44E-01	0.00E+00	4.63E+00	3.76E-07	4.63E+00	5.00E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
NCN410P	3.43E-03	5.84E-01	1.86E-02	5.70E-01	2.87E-12	0.00E+00	3.45E+00	6.74E-06	1.61E-03	5.23E-03	0.00E+00	-4.42E-04	5.90E-10	1.76E-08	2.26E-02	8.96E-01	0.00E+00	0.00E+00	2.50E+00	5.00E-03	4.78E+00	0.00E+00	3.83E-08	1.76E-08	1.32E-03	1.86E-07	4.40E-01	0.00E+00	4.78E+00	9.53E-07	4.78E+00	5.25E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.98E+01
NCN413	3.50E-03	6.63E-01	2.37E-02	6.40E-01	0.00E+00	0.00E+00	3.86E+00	7.24E-06	1.67E-03	5.77E-03	0.00E+00	-8.57E-04	7.10E-10	2.02E-08	2.51E-02	1.04E+00	0.00E+00	0.00E+00	2.98E+00	1.14E-02	5.25E+00	0.00E+00	4.20E-08	2.08E-08	1.53E-03	3.28E-07	5.25E-01	0.00E+00	5.25E+00	9.43E-07	5.25E+00	5.77E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NCN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NCN416A	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NCN416N	3.40E-03	5.70E-01	2.90E-02	5.55E-01	2.87E-12	0.00E+00	3.73E+00	6.12E-06	1.76E-03	4.89E-03	0.00E+00	-4.00E-04	5.97E-10	2.03E-08	2.14E-02	9.74E-01	0.00E+00	0.00E+00	2.78E+00	5.20E-03	4.82E+00	0.00E+00	3.90E-08	1.90E-08	1.42E-03	1.63E-07	4.86E-01	0.00E+00	4.82E+00	3.76E-07	4.82E+00	5.23E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.85E+01
NCN416P	5.15E-03	5.92E-01	2.07E-02	5.76E-01	2.87E-12	0.00E+00	3.60E+00	6.81E-06	2.87E-03	5.52E-03	0.00E+00	-4.47E-04	6.36E-10	3.18E-08	2.32E-02	1.01E+00	0.00E+00	0.00E+00	2.84E+00	5.01E-03	5.05E+00	0.00E+00	4.05E-08	2.06E-08	1.49E-03	1.90E-07	4.99E-01	0.00E+00	5.05E+00	9.82E-07	5.05E+00	5.61E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NCN420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN420A	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN420N	3.85E-03	5.84E-01	2.94E-02	5.67E-01	2.87E-12	0.00E+00	3.76E+00	6.11E-06	1.91E-03	4.97E-03	0.00E+00	-5.01E-04	6.06E-10	2.19E-08	2.17E-02	1.02E+00	0.00E+00	0.00E+00	2.81E+00	5.49E-03	4.96E+00	0.00E+00	4.01E-08	2.01E-08	1.47E-03	1.71E-07	5.02E-01	0.00E+00	4.96E+00	3.77E-07	4.96E+00	5.28E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NCN420P	5.20E-03	6.28E-01	2.56E-02	6.05E-01	2.87E-12	0.00E+00	4.36E+00	7.98E-06	2.92E-03	5.92E-03	0.00E+00	-4.48E-04	8.07E-10	3.34E-08	2.75E-02	1.28E+00	0.00E+00	0.00E+00	3.51E+00	5.05E-03	5.93E+00	0.00E+00	4.66E-08	2.42E-08	1.64E-03	1.97E-07	6.32E-01	0.00E+00	5.93E+00	9.91E-07	5.93E+00	6.53E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NCN425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN425A	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN425N	4.83E-03	6.32E-01	3.29E-02	6.10E-01	2.87E-12	0.00E+00	4.90E+00	8.63E-06	2.75E-03	5.46E-03	0.00E+00	-5.57E-04	8.07E-10	3.06E-08	2.77E-02	1.40E+00	0.00E+00	0.00E+00	3.61E+00	5.63E-03	6.15E+00	0.00E+00	4.97E-08	2.53E-08	1.64E-03	1.80E-07	6.46E-01	0.00E+00	6.15E+00	3.95E-07	6.15E+00	6.64E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN425P	4.90E-03	6.31E-01	2.58E-02	6.05E-01	2.87E-12	0.00E+00	4.44E+00	8.04E-06	2.77E-03	5.94E-03	0.00E+00	-6.78E-04	8.11E-10	3.22E-08	2.76E-02	1.28E+00	0.00E+00	0.00E+00	3.53E+00	7.27E-03	5.95E+00	0.00E+00	4.70E-08	2.46E-08	1.65E-03	2.50E-07	6.32E-01	0.00E+00	5.95E+00	9.82E-07	5.95E+00	6.56E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NCN432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN432A	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN432N	4.97E-03	6.37E-01	3.32E-02	6.14E-01	2.87E-12	0.00E+00	4.73E+00	8.74E-06	2.99E-03	5.66E-03	0.00E+00	-5.62E-04	8.20E-10	3.18E-08	2.78E-02	1.40E+00	0.00E+00	0.00E+00	3.67E+00	5.80E-03	6.12E+00	0.00E+00	4.99E-08	2.59E-08	1.65E-03	1.87E-07	6.58E-01	0.00E+00	6.12E+00	4.18E-07	6.12E+00	6.71E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
NCN432P	5.91E-03	7.69E-01	2.63E-02	7.27E-01	2.87E-12	0.00E+00	4.43E+00	8.01E-06	3.39E-03	6.87E-03	0.00E+00	-6.82E-04	8.23E-10	3.80E-08	2.79E-02	1.32E+00	0.00E+00	0.00E+00	3.52E+00	7.30E-03	6.09E+00	0.00E+00	4.70E-08	2.55E-08	2.00E-03	2.52E-07	6.37E-01	0.00E+00	6.09E+00	9.70E-07	6.09E+00	6.71E+00	6.37E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN440	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN440A	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN440N	5.06E-03	6.37E-01	3.32E-02	6.15E-01	2.87E-12	0.00E+00	4.73E+00	8.75E-06	3.07E-03	5.72E-03	0.00E+00	-6.03E-04	8.42E-10	3.26E-08	2.78E-02	1.43E+00	0.00E+00	0.00E+00	3.71E+00	7.39E-03	6.15E+00	0.00E+00	5.01E-08	2.62E-08	1.67E-03	2.09E-07	6.62E-01	0.00E+00	6.15E+00	4.12E-07	6.15E+00	6.73E+00	6.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NCN440P	6.07E-03	7.75E-01	2.78E-02	7.28E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	3.48E-03	7.01E-03	0.00E+00	-4.56E-04	8.46E-10	3.87E-08	2.79E-02	1.34E+00	0.00E+00	0.00E+00	3.54E+00	5.05E-03	6.08E+00	0.00E+00	4.70E-08	2.56E-08	2.01E-03	2.13E-07	6.38E-01	0.00E+00	6.08E+00	9.72E-07	6.08E+00	6.70E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NCN450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN450A	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN450N	5.25E-03	6.30E-01	3.32E-02	6.13E-01	2.87E-12	0.00E+00	4.72E+00	8.77E-06	3.15E-03	5.70E-03	0.00E+00	-7.77E-04	8.46E-10	3.35E-08	2.76E-02	1.45E+00	0.00E+00	0.00E+00	3.78E+00	7.79E-03	6.15E+00	0.00E+00	4.96E-08	2.63E-08	1.67E-03	2.43E-07	6.72E-01	0.00E+00	6.15E+00	3.96E-07	6.15E+00	6.77E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NCN450P	6.43E-03	7.69E-01	3.07E-02	7.28E-01	2.87E-12	0.00E+00	4.56E+00	8.07E-06	3.76E-03	6.91E-03	0.00E+00	-6.84E-04	9.19E-10	4.20E-08	2.99E-02	1.39E+00	0.00E+00	0.00E+00	3.60E+00	7.30E-03	6.16E+00	0.00E+00	4.77E-08	2.61E-08	2.01E-03	2.57E-07	6.52E-01	0.00E+00	6.16E+00	9.63E-07	6.16E+00	6.80E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NCN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NCN463A	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NCN463N	5.26E-03	6.18E-01	3.31E-02	6.11E-01	2.87E-12	0.00E+00	4.73E+00	8.79E-06	3.16E-03	5.69E-03	0.00E+00	-7.82E-04	8.46E-10	3.36E-08	2.76E-02	1.45E+00	0.00E+00	0.00E+00	3.78E+00	8.23E-03	6.16E+00	0.00E+00	4.97E-08	2.63E-08	1.67E-03	2.44E-07	6.73E-01	0.00E+00	6.16E+00	4.25E-07	6.16E+00	6.77E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NCN463P	6.52E-03	7.76E-01	3.09E-02	7.32E-01	2.87E-12	0.00E+00	4.63E+00	8.14E-06	3.83E-03	6.93E-03	0.00E+00	-6.76E-04	9.24E-10	4.25E-08	3.01E-02	1.43E+00	0.00E+00	0.00E+00	3.79E+00	7.30E-03	6.29E+00	0.00E+00	4.92E-08	2.68E-08	2.02E-03	2.55E-07	6.79E-01	0.00E+00	6.29E+00	9.63E-07	6.29E+00	6.95E+00	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NCN506	1.38E-03	3.03E-01	1.13E-02	2.88E-01	2.87E-12	0.00E+00	1.95E+00	3.54E-06	5.38E-04	2.78E-03	0.00E+00	-2.34E-04	3.30E-10	7.18E-09	1.20E-02	6.10E-01	0.00E+00	0.00E+00	1.37E+00	3.32E-03	2.57E+00	0.00E+00	2.07E-08	9.98E-09	7.53E-04	1.33E-07	2.43E-01	0.00E+00	2.57E+00	4.07E-07	2.57E+00	2.83E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
NCN506A	1.32E-03	3.06E-01	1.17E-02	2.93E-01	2.87E-12	0.00E+00	1.91E+00	3.62E-06	5.67E-04	2.73E-03	0.00E+00	-2.77E-04	3.52E-10	7.53E-09	1.13E-02	5.48E-01	0.00E+00	0.00E+00	1.34E+00	1.81E-03	2.71E+00	0.00E+00	2.07E-08	9.71E-09	7.49E-04	1.15E-07	2.35E-01	0.00E+00	2.71E+00	5.71E-07	2.71E+00	2.92E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
NCN510	1.39E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.86E+00	3.67E-06	7.60E-04	2.76E-03	0.00E+00	-2.46E-04	3.44E-10	8.70E-09	1.20E-02	6.19E-01	0.00E+00	0.00E+00	1.40E+00	3.56E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.36E-07	2.44E-01	0.00E+00	2.71E+00	5.25E-07	2.71E+00	2.94E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
NCN510A	1.38E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.82E+00	3.63E-06	7.48E-04	2.76E-03	0.00E+00	-2.43E-04	3.36E-10	8.68E-09	1.20E-02	6.18E-01	0.00E+00	0.00E+00	1.40E+00	3.55E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.36E-07	2.44E-01	0.00E+00	2.71E+00	5.71E-07	2.71E+00	2.94E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
NCN513	1.75E-03	3.31E-01	1.18E-02	3.19E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	8.35E-04	2.88E-03	0.00E+00	-4.29E-04	3.55E-10	1.01E-08	1.25E-02	5.21E-01	0.00E+00	0.00E+00	1.49E+00	5.69E-03	2.62E+00	0.00E+00	2.10E-08	1.04E-08	7.66E-04	1.64E-07	2.62E-01	0.00E+00	2.62E+00	4.70E-07	2.62E+00	2.88E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
NCN513A	1.39E-03	3.03E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.76E-06	7.23E-04	2.76E-03	0.00E+00	-2.47E-04	3.63E-10	8.63E-09	1.22E-02	6.34E-01	0.00E+00	0.00E+00	1.41E+00	3.55E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.34E-07	2.44E-01	0.00E+00	2.72E+00	5.39E-07	2.72E+00	2.95E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.21E+01
NCN516	1.44E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.33E-04	2.76E-03	0.00E+00	-2.47E-04	3.64E-10	8.93E-09	1.22E-02	6.38E-01	0.00E+00	0.00E+00	1.42E+00	3.56E-03	2.73E+00	0.00E+00	2.12E-08	1.03E-08	7.51E-04	1.33E-07	2.46E-01	0.00E+00	2.73E+00	5.39E-07	2.73E+00	2.96E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NCN516A	1.43E-03	3.03E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.77E-06	7.33E-04	2.76E-03	0.00E+00	-2.47E-04	3.64E-10	8.93E-09	1.22E-02	6.34E-01	0.00E+00	0.00E+00	1.41E+00	3.56E-03	2.72E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.33E-07	2.44E-01	0.00E+00	2.72E+00	5.39E-07	2.72E+00	2.95E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
NCN520	2.67E-03	2.99E-01	1.27E-02	2.85E-01	2.87E-12	0.00E+00	2.21E+00	4.14E-06	8.48E-04	2.79E-03	0.00E+00	-2.60E-04	4.00E-10	1.41E-08	1.40E-02	6.58E-01	0.00E+00	0.00E+00	1.75E+00	3.69E-03	3.18E+00	0.00E+00	2.57E-08	1.35E-08	9.39E-04	1.33E-07	3.29E-01	0.00E+00	3.18E+00	5.32E-07	3.18E+00	3.48E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NCN520A	2.64E-03	2.98E-01	1.27E-02	2.83E-01	2.87E-12	0.00E+00	2.20E+00	4.13E-06	8.48E-04	2.76E-03	0.00E+00	-2.56E-04	3.95E-10	1.40E-08	1.40E-02	6.32E-01	0.00E+00	0.00E+00	1.73E+00	3.68E-03	3.18E+00	0.00E+00	2.56E-08	1.34E-08	9.32E-04	1.30E-07	3.26E-01	0.00E+00	3.18E+00	5.84E-07	3.18E+00	3.48E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
NCN525	2.90E-03	3.00E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.15E-06	1.67E-03	2.77E-03	0.00E+00	-2.48E-04	3.95E-10	1.89E-08	1.39E-02	6.96E-01	0.00E+00	0.00E+00	1.85E+00	3.51E-03	3.17E+00	0.00E+00	2.55E-08	1.34E-08	9.36E-04	1.27E-07	3.31E-01	0.00E+00	3.17E+00	4.26E-07	3.17E+00	3.48E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
NCN525A	2.90E-03	2.99E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.22E+00	4.18E-06	1.67E-03	2.77E-03	0.00E+00	-2.56E-04	3.96E-10	1.88E-08	1.40E-02	6.99E-01	0.00E+00	0.00E+00	1.87E+00	3.69E-03	3.19E+00	0.00E+00	2.57E-08	1.35E-08	9.37E-04	1.28E-07	3.33E-01	0.00E+00	3.19E+00	5.85E-07	3.19E+00	3.51E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
NCN532	2.82E-03	3.88E-01	1.20E-02	3.76E-01	2.87E-12	0.00E+00	2.13E+00	3.89E-06	1.50E-03	3.41E-03	0.00E+00	-3.01E-04	3.86E-10	1.78E-08	1.38E-02	7.00E-01	0.00E+00	0.00E+00	1.76E+00	1.79E-03	2.97E+00	0.00E+00	2.43E-08	1.28E-08	9.62E-04	1.11E-07	3.17E-01	0.00E+00	2.97E+00	5.66E-07	2.97E+00	3.31E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
NCN532A	3.08E-03	3.90E-01	1.15E-02	3.76E-01	2.87E-12	0.00E+00	2.23E+00	4.19E-06	1.70E-03	3.43E-03	0.00E+00	-2.52E-04	3.72E-10	1.97E-08	1.39E-02	7.13E-01	0.00E+00	0.00E+00	1.89E+00	3.58E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.99E-04	1.33E-07	3.42E-01	0.00E+00	3.17E+00	4.08E-07	3.17E+00	3.48E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
NCN540	2.91E-03	3.90E-01	1.21E-02	3.75E-01	2.87E-12	0.00E+00	2.24E+00	4.22E-06	1.55E-03	3.41E-03	0.00E+00	-2.56E-04	3.74E-10	1.83E-08	1.39E-02	6.67E-01	0.00E+00	0.00E+00	1.81E+00	3.76E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	1.00E-03	1.35E-07	3.40E-01	0.00E+00	3.19E+00	4.08E-07	3.19E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
NCN540A	2.91E-03	3.90E-01	1.21E-02	3.75E-01	2.87E-12	0.00E+00	2.24E+00	4.22E-06	1.55E-03	3.42E-03	0.00E+00	-2.56E-04	3.74E-10	1.83E-08	1.39E-02	6.71E-01	0.00E+00	0.00E+00	1.81E+00	3.77E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	1.00E-03	1.35E-07	3.40E-01	0.00E+00	3.19E+00	4.08E-07	3.19E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
NCN550	3.17E-03	3.91E-01	1.28E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.24E-06	1.78E-03	3.42E-03	0.00E+00	-3.58E-04	3.79E-10	1.95E-08	1.39E-02	7.35E-01	0.00E+00	0.00E+00	1.96E+00	4.22E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.45E-07	3.47E-01	0.00E+00	3.20E+00	4.08E-07	3.20E+00	3.51E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NCN550A	3.17E-03	3.91E-01	1.28E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.24E-06	1.78E-03	3.42E-03	0.00E+00	-3.58E-04	3.79E-10	1.95E-08	1.40E-02	7.35E-01	0.00E+00	0.00E+00	1.96E+00	4.22E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.45E-07	3.47E-01	0.00E+00	3.20E+00	4.08E-07	3.20E+00	3.51E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NCN563	4.59E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.66E-03	3.41E-03	0.00E+00	-3.62E-04	3.79E-10	2.98E-08	1.39E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.27E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.66E-07	3.48E-01	0.00E+00	3.21E+00	4.08E-07	3.21E+00	3.52E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NCN563A	4.58E-03	3.89E-01	1.30E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.65E-03	3.41E-03	0.00E+00	-3.53E-04	3.79E-10	2.98E-08	1.40E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.25E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.66E-07	3.47E-01	0.00E+00	3.21E+00	4.08E-07	3.21E+00	3.51E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NCN606	4.91E-03	6.26E-01	2.17E-02	5.95E-01	2.87E-12	0.00E+00	3.74E+00	6.99E-06	1.22E-03	5.11E-03	0.00E+00	-6.85E-04	6.78E-10	2.13E-08	2.37E-02	1.07E+00	0.00E+00	0.00E+00	2.89E+00	8.26E-03	5.07E+00	0.00E+00	4.06E-08	1.96E-08	1.41E-03	2.47E-07	5.09E-01	0.00E+00	5.07E+00	9.20E-07	5.07E+00	5.53E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN610	3.64E-03	6.11E-01	1.91E-02	5.97E-01	2.87E-12	0.00E+00	3.44E+00	6.51E-06	1.84E-03	5.33E-03	0.00E+00	-6.33E-04	6.02E-10	2.07E-08	2.22E-02	9.01E-01	0.00E+00	0.00E+00	2.49E+00	8.48E-03	4.66E+00	0.00E+00	3.69E-08	1.73E-08	1.34E-03	2.68E-07	4.42E-01	0.00E+00	4.66E+00	9.26E-07	4.66E+00	5.04E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	8.90E+01
NCN613	3.53E-03	6.60E-01	2.29E-02	6.37E-01	0.00E+00	0.00E+00	3.89E+00	7.38E-06	1.67E-03	5.77E-03	0.00E+00	-7.42E-04	7.30E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.04E+00	9.86E-03	5.35E+00	0.00E+00	4.27E-08	2.12E-08	1.54E-03	2.91E-07	5.33E-01	0.00E+00	5.35E+00	1.02E-06	5.35E+00	5.88E+00	5.33E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02

NCN616	3.49E-03	6.62E-01	2.36E-02	6.38E-01	0.00E+00	0.00E+00	3.85E+00	7.20E-06	1.67E-03	5.76E-03	0.00E+00	-8.57E-04	6.97E-10	2.01E-08	2.50E-02	1.04E+00	0.00E+00	0.00E+00	2.95E+00	1.14E-02	5.23E+00	0.00E+00	4.19E-08	2.07E-08	1.53E-03	3.28E-07	5.21E-01	0.00E+00	5.23E+00	9.30E-07	5.23E+00	5.75E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NCN620	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN625	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN632	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN640	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN650	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN663	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
ND106P	9.17E-04	1.58E-01	5.07E-03	1.55E-01	2.87E-12	0.00E+00	9.39E-01	1.72E-06	4.49E-04	1.39E-03	0.00E+00	-1.08E-04	1.75E-10	5.30E-09	5.87E-03	2.84E-01	0.00E+00	0.00E+00	7.65E-01	1.59E-03	1.27E+00	0.00E+00	1.04E-08	5.54E-09	3.80E-04	5.27E-08	1.36E-01	0.00E+00	1.27E+00	2.33E-07	1.27E+00	1.41E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
ND110P	1.05E-03	1.80E-01	5.99E-03	1.79E-01	2.87E-12	0.00E+00	1.01E+00	1.79E-06	5.20E-04	1.56E-03	0.00E+00	-1.10E-04	1.93E-10	5.64E-09	6.77E-03	2.98E-01	0.00E+00	0.00E+00	8.11E-01	1.48E-03	1.38E+00	0.00E+00	1.12E-08	5.93E-09	4.30E-04	5.12E-08	1.48E-01	0.00E+00	1.38E+00	2.54E-07	1.38E+00	1.53E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
ND116P	9.49E-04	1.58E-01	5.18E-03	1.55E-01	2.87E-12	0.00E+00	9.54E-01	1.77E-06	4.78E-04	1.40E-03	0.00E+00	-1.09E-04	1.83E-10	5.65E-09	5.90E-03	2.88E-01	0.00E+00	0.00E+00	7.81E-01	1.63E-03	1.29E+00	0.00E+00	1.04E-08	5.58E-09	3.86E-04	5.26E-08	1.37E-01	0.00E+00	1.29E+00	2.33E-07	1.29E+00	1.42E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
ND120P	1.11E-03	1.96E-01	6.86E-03	1.87E-01	2.87E-12	0.00E+00	1.08E+00	1.86E-06	5.71E-04	1.68E-03	0.00E+00	-1.08E-04	2.05E-10	6.58E-09	7.13E-03	3.08E-01	0.00E+00	0.00E+00	8.29E-01	1.47E-03	1.46E+00	0.00E+00	1.18E-08	6.08E-09	4.47E-04	5.43E-08	1.50E-01	0.00E+00	1.46E+00	2.54E-07	1.46E+00	1.63E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
ND125P	1.32E-03	1.96E-01	7.13E-03	1.87E-01	2.87E-12	0.00E+00	1.11E+00	1.95E-06	7.04E-04	1.70E-03	0.00E+00	-1.08E-04	2.11E-10	7.50E-09	7.26E-03	3.39E-01	0.00E+00	0.00E+00	8.57E-01	1.42E-03	1.52E+00	0.00E+00	1.21E-08	6.35E-09	4.71E-04	5.42E-08	1.53E-01	0.00E+00	1.52E+00	2.53E-07	1.52E+00	1.67E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
ND132P	1.58E-03	1.96E-01	7.35E-03	1.87E-01	2.87E-12	0.00E+00	1.13E+00	2.08E-06	8.55E-04	1.72E-03	0.00E+00	-1.16E-04	2.31E-10	9.78E-09	7.30E-03	3.73E-01	0.00E+00	0.00E+00	9.50E-01	1.52E-03	1.57E+00	0.00E+00	1.27E-08	6.79E-09	5.01E-04	5.49E-08	1.73E-01	0.00E+00	1.57E+00	2.53E-07	1.57E+00	1.73E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
ND140P	1.31E-03	1.59E-01	5.33E-03	1.55E-01	2.87E-12	0.00E+00	9.61E-01	1.77E-06	8.40E-04	1.40E-03	0.00E+00	-1.10E-04	1.85E-10	9.07E-09	5.91E-03	2.98E-01	0.00E+00	0.00E+00	8.28E-01	1.64E-03	1.29E+00	0.00E+00	1.04E-08	5.64E-09	3.91E-04	5.26E-08	1.44E-01	0.00E+00	1.29E+00	2.32E-07	1.29E+00	1.43E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
ND150P	1.34E-03	1.59E-01	5.51E-03	1.56E-01	2.87E-12	0.00E+00	9.67E-01	1.76E-06	7.39E-04	1.41E-03	0.00E+00	-1.10E-04	1.85E-10	8.90E-09	5.90E-03	3.08E-01	0.00E+00	0.00E+00	8.31E-01	1.66E-03	1.29E+00	0.00E+00	1.04E-08	5.69E-09	3.92E-04	5.26E-08	1.45E-01	0.00E+00	1.29E+00	2.32E-07	1.29E+00	1.43E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
ND163P	1.55E-03	1.59E-01	5.52E-03	1.56E-01	2.87E-12	0.00E+00	9.68E-01	1.77E-06	1.19E-03	1.41E-03	0.00E+00	-1.15E-04	1.87E-10	1.14E-08	5.91E-03	3.18E-01	0.00E+00	0.00E+00	8.46E-01	1.71E-03	1.29E+00	0.00E+00	1.05E-08	5.74E-09	3.92E-04	5.37E-08	1.49E-01	0.00E+00	1.29E+00	2.32E-07	1.29E+00	1.44E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.06E+01
ND206P	2.19E-03	3.07E-01	1.23E-02	2.94E-01	2.87E-12	0.00E+00	2.20E+00	4.11E-06	6.28E-04	2.80E-03	0.00E+00	-2.67E-04	4.00E-10	1.04E-08	1.43E-02	5.61E-01	0.00E+00	0.00E+00	1.68E+00	2.32E-03	3.07E+00	0.00E+00	2.51E-08	1.27E-08	9.33E-04	1.16E-07	3.09E-01	0.00E+00	3.07E+00	5.62E-07	3.07E+00	3.42E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
ND216P	2.17E-03	3.91E-01	1.21E-02	3.78E-01	2.87E-12	0.00E+00	2.21E+00	4.10E-06	7.43E-04	3.45E-03	0.00E+00	-2.75E-04	4.12E-10	1.11E-08	1.43E-02	5.60E-01	0.00E+00	0.00E+00	1.69E+00	2.36E-03	3.03E+00	0.00E+00	2.51E-08	1.26E-08	9.56E-04	1.13E-07	3.10E-01	0.00E+00	3.03E+00	5.61E-07	3.03E+00	3.36E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	5.93E+01
ND220P	2.15E-03	3.94E-01	1.23E-02	3.80E-01	2.87E-12	0.00E+00	2.22E+00	4.11E-06	7.82E-04	3.47E-03	0.00E+00	-3.18E-04	4.14E-10	1.10E-08	1.43E-02	5.65E-01	0.00E+00	0.00E+00	1.69E+00	2.63E-03	3.04E+00	0.00E+00	2.51E-08	1.26E-08	9.62E-04	1.14E-07	3.10E-01	0.00E+00	3.04E+00	5.62E-07	3.04E+00	3.36E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	5.95E+01
ND225P	2.81E-03	3.93E-01	1.26E-02	3.80E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.61E-03	3.49E-03	0.00E+00	-3.15E-04	4.13E-10	1.77E-08	1.44E-02	7.02E-01	0.00E+00	0.00E+00	1.86E+00	2.60E-03	3.05E+00	0.00E+00	2.52E-08	1.32E-08	9.70E-04	1.10E-07	3.24E-01	0.00E+00	3.05E+00	5.76E-07	3.05E+00	3.40E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
ND232P	2.85E-03	3.97E-01	1.31E-02	3.85E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.62E-03	3.53E-03	0.00E+00	-3.19E-04	4.42E-10	1.78E-08	1.45E-02	7.05E-01	0.00E+00	0.00E+00	1.86E+00	2.72E-03	3.06E+00	0.00E+00	2.54E-08	1.32E-08	9.71E-04	1.15E-07	3.27E-01	0.00E+00	3.06E+00	5.75E-07	3.06E+00	3.41E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
ND240P	2.23E-03	3.97E-01	1.25E-02	3.85E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.30E-03	3.53E-03	0.00E+00	-3.16E-04	4.41E-10	1.36E-08	1.45E-02	5.70E-01	0.00E+00	0.00E+00	1.73E+00	2.67E-03	3.06E+00	0.00E+00	2.54E-08	1.26E-08	9.68E-04	1.09E-07	3.13E-01	0.00E+00	3.06E+00	5.75E-07	3.06E+00	3.40E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
ND250P	3.10E-03	3.97E-01	1.37E-02	3.85E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.76E-03	3.53E-03	0.00E+00	-3.29E-04	4.44E-10	2.00E-08	1.45E-02	7.37E-01	0.00E+00	0.00E+00	1.89E+00	3.00E-03	3.07E+00	0.00E+00	2.54E-08	1.33E-08	9.74E-04	1.21E-07	3.28E-01	0.00E+00	3.07E+00	5.76E-07	3.07E+00	3.42E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	7.00E+01
ND263P	4.51E-03	3.95E-01	1.41E-02	3.83E-01	2.87E-12	0.00E+00	2.23E+00	4.18E-06	2.59E-03	3.51E-03	0.00E+00	-3.35E-04	4.44E-10	2.92E-08	1.45E-02	7.44E-01	0.00E+00	0.00E+00	1.89E+00	3.05E-03	3.07E+00	0.00E+00	2.53E-08	1.33E-08	9.74E-04	1.51E-07	3.28E-01	0.00E+00	3.07E+00	5.76E-07	3.07E+00	3.42E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	7.00E+01
ND306P	2.40E-03	4.84E-01	1.74E-02	4.57E-01	2.87E-12	0.00E+00	2.98E+00	5.89E-06	1.02E-03	4.25E-03	0.00E+00	-5.00E-04	5.16E-10	1.27E-08	1.90E-02	8.31E-01	0.00E+00	0.00E+00	2.36E+00	6.63E-03	4.11E+00	0.00E+00	3.29E-08	1.69E-08	1.23E-03	1.94E-07	4.13E-01	0.00E+00	4.11E+00	7.40E-07	4.11E+00	4.54E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
ND310P	2.44E-03	5.17E-01	1.74E-02	4.95E-01	2.87E-12	0.00E+00	2.99E+00	6.00E-06	1.26E-03	4.30E-03	0.00E+00	-4.98E-04	5.44E-10	1.36E-08	1.95E-02	8.33E-01	0.00E+00	0.00E+00	2.37E+00	6.63E-03	4.27E+00	0.00E+00	3.41E-08	1.72E-08	1.24E-03	1.93E-07	4.15E-01	0.00E+00	4.27E+00	7.45E-07	4.27E+00	4.69E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
ND316P	3.07E-03	5.54E-01	1.76E-02	5.29E-01	2.87E-12	0.00E+00	3.02E+00	6.11E-06	1.61E-03	5.03E-03	0.00E+00	-4.98E-04	5.68E-10	1.85E-08	1.98E-02	8.39E-01	0.00E+00	0.00E+00	2.38E+00	6.63E-03	4.36E+00	0.00E+00	3.51E-08	1.72E-08	1.27E-03	1.97E-07	4.14E-01	0.00E+00	4.36E+00	7.53E-07	4.36E+00	4.80E+00	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.43E+01
ND320P	3.06E-03	5.57E-01	1.76E-02	5.34E-01	2.87E-12	0.00E+00	3.28E+00	6.37E-06	1.59E-03	5.05E-03	0.00E+00	-5.54E-04	5.80E-10	1.83E-08	2.15E-02	8.47E-01	0.00E+00	0.00E+00	2.43E+00	6.67E-03	4.43E+00	0.00E+00	3.55E-08	1.72E-08	1.29E-03	1.99E-07	4.26E-01	0.00E+00	4.43E+00	7.53E-07	4.43E+00	4.89E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
ND325P	3.32E-03	5.63E-01	1.88E-02	5.41E-01	2.87E-12	0.00E+00	3.31E+00	6.40E-06	1.75E-03	5.08E-03	0.00E+00	-5.59E-04	6.07E-10	2.04E-08	2.15E-02	9.32E-01	0.00E+00	0.00E+00	2.72E+00	6.70E-03	4.49E+00	0.00E+00	3.59E-08	1.88E-08	1.42E-03	2.06E-07	4.77E-01	0.00E+00	4.49E+00	7.43E-07	4.49E+00	4.98E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	9.74E+01
ND332P	4.69E-03	5.70E-01	2.03E-02	5.47E-01	2.87E-12	0.00E+00	3.42E+00	6.47E-06	2.68E-03	5.11E-03	0.00E+00	-5.52E-04	6.15E-10	3.05E-08	2.19E-02	1.07E+00	0.00E+00	0.00E+00	2.79E+00	6.71E-03	4.61E+00	0.00E+00	3.70E-08	1.96E-08	1.44E-03	2.10E-07	4.93E-01	0.00E+00	4.61E+00	7.55E-07	4.61E+00	5.11E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
ND340P	3.29E-03	5.68E-01	1.85E-02	5.49E-01	2.87E-12	0.00E+00	3.37E+00	6.46E-06	1.73E-03	5.12E-03	0.00E+00	-5.51E-04	6.05E-10	2.02E-08	2.18E-02	9.17E-01	0.00E+00	0.00E+00	2.65E+00	6.71E-03	4.56E+00	0.00E+00	3.65E-08	1.87E-08	1.40E-03	2.00E-07	4.66E-01	0.00E+00	4.56E+00	7.55E-07	4.56E+00	5.03E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.64E+01
ND350P	4.76E-03	5.71E-01	2.16E-02	5.50E-01	2.87E-12	0.00E+00	3.46E+00	6.48E-06	2.74E-03	5.14E-03	0.00E+00	-5.53E-04	6.19E-10	3.10E-08	2.19E-02	1.09E+00	0.00E+00	0.00E+00	2.85E+00	6.80E-03	4.63E+00	0.00E+00	3.72E-08	2.01E-08	1.45E-03	2.21E-07	5.02E-01	0.00E+00	4.63E+00	7.51E-07	4.63E+00	5.13E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
ND363P	4.77E-03	5.72E-01	2.15E-02	5.52E-01	2.87E-12	0.00E+00	3.47E+00	6.48E-06	2.75E-03	5.14E-03	0.00E+00	-5.56E-04	6.22E-10	3.12E-08	2.20E-02	1.11E+00	0.00E+00	0.00E+00	2.85E+00	6.82E-03	4.63E+00	0.00E+00	3.72E-08	2.01E-08	1.46E-03	2.23E-07	5.02E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.14E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
ND410P	1.46E-03	1.60E-01	5.85E-03	1.51E-01	2.87E-12	0.00E+00	7.31E-01	1.60E-06	1.29E-03	1.25E-03	0.00E+00	-2.31E-04	1.64E-10	1.26E-08	4.77E-03	2.05E-01	0.00E+00	0.00E+00	5.88E-01	2.05E-03	1.20E+00	0.00E+00	8.92E-09	4.17E-09	3.20E-04	9.92E-08	1.04E-01	0.00E+00	1.20E+00	3.46E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
ND416P	5.39E-03	7.61E-01	2.55E-02	7.28E-01	2.87E-12	0.00E+00	4.42E+00	8.01E-06	3.11E-03	6.83E-03	0.00E+00	-6.69E-04	8.11E-10	3.50E-08	2.76E-02	1.32E+00	0.00E+00	0.00E+00	3.53E+00	7.38E-03	5.95E+00	0.00E+00	4.67E-08	2.51E-08	2.00E-03	2.45E-07	6.34E-01	0.00E+00	5.95E+00	9.81E-07	5.95E+00	6.56E+00	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
ND420P	1.62E-03	1.60E-01	6.05E-03	1.51E-01	2.87E-12	0.00E+00	7.31E-01	1.60E-06	1.39E-03	1.25E-03	0.00E+00	-2.40E-04	1.64E-10	1.31E-08	4.77E-03	2.03E-01	0.00E+00	0.00E+00	5.80E-01	2.22E-03	1.20E+00	0.00E+00	8.92E-09	4.17E-09	3.20E-04	1.14E-07	1.04E-01	0.00E+00	1.20E+00	3.46E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
ND425P	6.03E-03	7.72E-01	2.59E-02	7.39E-01	2.87E-12	0.00E+00	4.43E+00	8.04E-06	3.44E-03	6.94E-03	0.00E+00	-6.72E-04	8.23E-10	3.86E-08	2.77E-02	1.33E+00	0.00E+00	0.00E+00	3.54E+00	7.47E-03	6.09E+00	0.00E+00	4.71E-08	2.55E-08	2.01E-03	2.56E-07	6.38E-01	0.00E+00	6.09E+00	9.72E-07	6.09E+00	6.71E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
ND432P	4.47E-03	1.60E-01	6.27E-03	1.51E-01	2.87E-12	0.00E+00	7.31E-01	1.60E-06	2.61E-03	1.25E-03	0.00E+00	-2.47E-04	1.64E-10	2.96E-08	4.77E-03	2.03E-01	0.00E+00	0.00E+00	5.80E-01	2.27E-03	1.20E+00	0.00E+00	8.92E-09	4.17E-09	3.20E-04	1.32E-07	1.04E-01	0.00E+00	1.20E+00	3.46E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
ND440P	6.29E-03	7.73E-01	3.03E-02	7.39E-01	2.87E-12	0.00E+00	4.57E+00	8.06E-06	3.72E-03	6.96E-03	0.00E+00	-6.73E-04	9.17E-10	4.09E-08	2.98E-02	1.38E+00	0.00E+00	0.00E+00	3.59E+00	7.47E-03	6.16E+00	0.00E+00	4.76E-08	2.60E-08	2.01E-03	2.56E-07	6.53E-01	0.00E+00	6.16E+00	9.66E-07	6.16E+00	6.80E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
ND450P	6.46E-03	7.73E-01	3.05E-02	7.39E-01	2.87E-12	0.00E+00	4.57E+00	8.09E-06	3.81E-03	6.97E-03	0.00E+00	-6.74E-04	9.19E-10	4.22E-08	2.98E-02	1.39E+00	0.00E+00	0.00E+00	3.61E+00	7.47E-03	6.17E+00	0.00E+00	4.78E-08	2.61E-08	2.03E-03	2.57E-07	6.52E-01	0.00E+00	6.17E+00	9.65E-07	6.17E+00	6.81E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
ND463P	4.48E-03	1.60E-01	6.27E-03	1.51E-01	2.87E-12	0.00E+00	7.31E-01	1.60E-06	2.63E-03	1.25E-03	0.00E+00	-2.47E-04	1.64E-10	2.96E-08	4.77E-03	2.03E-01	0.00E+00	0.00E+00	5.80E-01	2.27E-03	1.20E+00	0.00E+00	8.92E-09	4.17E-09	3.20E-04	1.32E-07	1.04E-01	0.00E+00	1.20E+00	3.46E-07	1.20E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
NDN002	1.01E-03	1.79E-01	5.98E-03	1.72E-01	2.87E-12	0.00E+00	9.73E-01	1.83E-06	4.63E-04	1.55E-03	0.00E+00	-2.31E-04	1.84E-10	5.37E-09	6.27E-03	2.72E-01	0.00E+00	0.00E+00	7.91E-01	3.16E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.26E-04	8.82E-08	1.37E-01	0.00E+00	1.38E+00	2.58E-07	1.38E+00	1.51E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NDN003	9.24E-04	1.72E-01	5.83E-03	1.66E-01	2.87E-12	0.00E+00	9.59E-01	1.80E-06	4.13E-04	1.53E-03	0.00E+00	-2.30E-04	1.79E-10	4.95E-09	6.22E-03	2.62E-01	0.00E+00	0.00E+00	7.56E-01	3.11E-03	1.36E+00	0.00E+00	1.09E-08	5.52E-09	4.20E-04	8.80E-08	1.33E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.49E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NDN004	1.03E-03	1.70E-01	6.00E-03	1.65E-01	2.87E-12	0.00E+00	1.01E+00	1.90E-06	4.98E-04	1.51E-03	0.00E+00	-2.31E-04	1.87E-10	5.90E-09	6.42E-03	2.76E-01	0.00E+00	0.00E+00	7.98E-01	3.11E-03	1.40E+00	0.00E+00	1.12E-08	5.74E-09	4.24E-04	8.68E-08	1.40E-01	0.00E+00	1.40E+00	2.59E-07	1.40E+00	1.53E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
NDN006	8.44E-04	1.69E-01	5.71E-03	1.64E-01	2.87E-12	0.00E+00	9.36E-01	1.73E-06	3.75E-04	1.49E-03	0.00E+00	-1.77E-04	1.71E-10	4.76E-09	6.00E-03	2.58E-01	0.00E+00	0.00E+00	7.25E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.36E-09	3.94E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.39E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NDN010	8.54E-04	1.67E-01	5.72E-03	1.61E-01	2.87E-12	0.00E+00	9.36E-01	1.74E-06	4.02E-04	1.49E-03	0.00E+00	-1.77E-04	1.72E-10	4.93E-09	5.98E-03	2.60E-01	0.00E+00	0.00E+00	7.26E-01	2.60E-03	1.29E+00	0.00E+00	1.04E-08	5.35E-09	3.90E-04	7.68E-08	1.29E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.42E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NDN013	9.02E-04	1.68E-01	5.85E-03	1.62E-01	2.87E-12	0.00E+00	9.58E-01	1.77E-06	4.20E-04	1.49E-03	0.00E+00	-1.71E-04	1.77E-10	5.06E-09	6.09E-03	2.67E-01	0.00E+00	0.00E+00	7.57E-01	2.54E-03	1.31E+00	0.00E+00	1.07E-08	5.39E-09	3.92E-04	7.59E-08	1.34E-01	0.00E+00	1.31E+00	2.49E-07	1.31E+00	1.45E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NDN016	8.84E-04	1.66E-01	5.75E-03	1.60E-01	0.00E+00	0.00E+00	9.82E-01	1.87E-06	4.18E-04	1.45E-03	0.00E+00	-1.86E-04	1.81E-10	5.08E-09	6.24E-03	2.62E-01	0.00E+00	0.00E+00	7.63E-01	2.47E-03	1.34E+00	0.00E+00	1.07E-08	5.32E-09	3.87E-04	7.28E-08	1.34E-01	0.00E+00	1.34E+00	2.57E-07	1.34E+00	1.48E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
NDN020	1.22E-03	1.73E-01	6.42E-03	1.67E-01	0.00E+00	0.00E+00	1.08E+00	2.03E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.02E-10	7.61E-09	6.64E-03	3.11E-01	0.00E+00	0.00E+00	8.68E-01	2.47E-03	1.45E+00	0.00E+00	1.16E-08	5.95E-09	4.25E-04	7.34E-08	1.52E-01	0.00E+00	1.45E+00	2.55E-07	1.45E+00	1.60E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NDN025	1.22E-03	1.73E-01	6.42E-03	1.67E-01	0.00E+00	0.00E+00	1.08E+00	2.03E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.02E-10	7.61E-09	6.64E-03	3.11E-01	0.00E+00	0.00E+00	8.68E-01	2.47E-03	1.45E+00	0.00E+00	1.16E-08	5.96E-09	4.25E-04	7.34E-08	1.52E-01	0.00E+00	1.45E+00	2.55E-07	1.45E+00	1.60E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NDN032	1.49E-03	1.91E-01	6.93E-03	1.84E-01	0.00E+00	0.00E+00	1.13E+00	2.10E-06	8.51E-04	1.69E-03	0.00E+00	-1.86E-04	2.15E-10	9.50E-09	6.96E-03	3.50E-01	0.00E+00	0.00E+00	9.35E-01	2.47E-03	1.54E+00	0.00E+00	1.24E-08	6.54E-09	4.75E-04	7.42E-08	1.65E-01	0.00E+00	1.54E+00	2.52E-07	1.54E+00	1.70E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
NDN040	1.82E-03	2.00E-01	7.98E-03	1.92E-01	0.00E+00	0.00E+00	1.19E+00	2.16E-06	1.10E-03	1.77E-03	0.00E+00	-2.48E-04	2.26E-10	1.21E-08	7.13E-03	3.93E-01	0.00E+00	0.00E+00	1.00E+00	3.29E-03	1.59E+00	0.00E+00	1.28E-08	7.00E-09	5.12E-04	9.44E-08	1.77E-01	0.00E+00	1.59E+00	2.16E-07	1.59E+00	1.76E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	3.67E+01
NDN050	1.54E-03	1.98E-01	7.03E-03	1.91E-01	2.87E-12	0.00E+00	1.14E+00	2.05E-06	7.89E-04	1.73E-03	0.00E+00	-1.87E-04	2.09E-10	9.67E-09	6.96E-03	3.67E-01	0.00E+00	0.00E+00	9.51E-01	2.69E-03	1.49E+00	0.00E+00	1.22E-08	6.68E-09	4.76E-04	7.51E-08	1.70E-01	0.00E+00	1.49E+00	2.44E-07	1.49E+00	1.66E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NDN063	1.90E-03	1.99E-01	7.75E-03	1.91E-01	0.00E+00	0.00E+00	1.23E+00	2.27E-06	1.15E-03	1.78E-03	0.00E+00	-1.90E-04	2.45E-10	1.26E-08	7.33E-03	4.09E-01	0.00E+00	0.00E+00	1.07E+00	2.53E-03	1.65E+00	0.00E+00	1.32E-08	7.28E-09	5.20E-04	7.61E-08	1.86E-01	0.00E+00	1.65E+00	2.49E-07	1.65E+00	1.83E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
NDN100	9.09E-04	1.70E-01	5.82E-03	1.65E-01	2.87E-12	0.00E+00	9.62E-01	1.79E-06	3.86E-04	1.52E-03	0.00E+00	-2.31E-04	1.76E-10	4.90E-09	6.20E-03	2.61E-01	0.00E+00	0.00E+00	7.55E-01	3.07E-03	1.35E+00	0.00E+00	1.09E-08	5.48E-09	4.09E-04	8.73E-08	1.35E-01	0.00E+00	1.35E+00	2.55E-07	1.35E+00	1.48E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NDN100A	9.93E-04	1.73E-01	6.00E-03	1.67E-01	2.87E-12	0.00E+00	9.84E-01	1.81E-06	4.69E-04	1.53E-03	0.00E+00	-2.29E-04	1.81E-10	5.53E-09	6.26E-03	2.74E-01	0.00E+00	0.00E+00	7.77E-01	3.08E-03	1.36E+00	0.00E+00	1.10E-08	5.60E-09	4.20E-04	8.87E-08	1.38E-01	0.00E+00	1.36E+00	2.57E-07	1.36E+00	1.50E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
NDN100N	1.02E-03	1.98E-01	5.94E-03	1.88E-01	2.87E-12	0.00E+00	1.03E+00	1.88E-06	4.55E-04	1.65E-03	0.00E+00	-1.23E-04	1.99E-10	5.21E-09	7.00E-03	2.77E-01	0.00E+00	0.00E+00	7.78E-01	1.53E-03	1.41E+00	0.00E+00	1.15E-08	5.69E-09	4.31E-04	5.88E-08	1.39E-01	0.00E+00	1.41E+00	2.42E-07	1.41E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NDN101	8.92E-04	1.73E-01	5.76E-03	1.68E-01	2.87E-12	0.00E+00	9.52E-01	1.76E-06	3.80E-04	1.53E-03	0.00E+00	-2.33E-04	1.74E-10	4.81E-09	6.18E-03	2.58E-01	0.00E+00	0.00E+00	7.44E-01	3.09E-03	1.35E+00	0.00E+00	1.09E-08	5.43E-09	4.14E-04	8.72E-08	1.32E-01	0.00E+00	1.35E+00	2.56E-07	1.35E+00	1.47E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NDN101A	8.93E-04	1.74E-01	5.75E-03	1.69E-01	2.87E-12	0.00E+00	9.52E-01	1.76E-06	3.80E-04	1.53E-03	0.00E+00	-2.30E-04	1.74E-10	4.81E-09	6.18E-03	2.58E-01	0.00E+00	0.00E+00	7.44E-01	3.03E-03	1.35E+00	0.00E+00	1.09E-08	5.42E-09	4.14E-04	8.73E-08	1.31E-01	0.00E+00	1.35E+00	2.58E-07	1.35E+00	1.47E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NDN101N	1.02E-03	1.98E-01	5.94E-03	1.88E-01	2.87E-12	0.00E+00	1.03E+00	1.88E-06	4.55E-04	1.65E-03	0.00E+00	-1.23E-04	1.99E-10	5.21E-09	7.00E-03	2.77E-01	0.00E+00	0.00E+00	7.78E-01	1.53E-03	1.41E+00	0.00E+00	1.15E-08	5.69E-09	4.31E-04	5.64E-08	1.39E-01	0.00E+00	1.41E+00	2.42E-07	1.41E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NDN102	1.00E-03	1.71E-01	5.96E-03	1.66E-01	2.87E-12	0.00E+00	9.73E-01	1.83E-06	4.57E-04	1.53E-03	0.00E+00	-2.30E-04	1.84E-10	5.33E-09	6.27E-03	2.71E-01	0.00E+00	0.00E+00	7.90E-01	3.15E-03	1.37E+00	0.00E+00	1.11E-08	5.72E-09	4.22E-04	8.82E-08	1.37E-01	0.00E+00	1.37E+00	2.58E-07	1.37E+00	1.51E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NDN102A	1.06E-03	1.72E-01	6.02E-03	1.67E-01	2.87E-12	0.00E+00	9.85E-01	1.83E-06	5.12E-04	1.53E-03	0.00E+00	-2.27E-04	1.86E-10	5.79E-09	6.29E-03	2.80E-01	0.00E+00	0.00E+00	7.97E-01	3.08E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.22E-04	8.83E-08	1.39E-01	0.00E+00	1.38E+00	2.59E-07	1.38E+00	1.52E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
NDN102N	1.01E-03	1.98E-01	5.93E-03	1.87E-01	2.87E-12	0.00E+00	1.03E+00	1.89E-06	4.59E-04	1.65E-03	0.00E+00	-1.20E-04	1.99E-10	5.13E-09	7.01E-03	2.76E-01	0.00E+00	0.00E+00	7.77E-01	1.46E-03	1.41E+00	0.00E+00	1.15E-08	5.67E-09	4.30E-04	5.57E-08	1.39E-01	0.00E+00	1.41E+00	2.39E-07	1.41E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NDN103	1.01E-03	1.79E-01	5.84E-03	1.72E-01	2.87E-12	0.00E+00	9.62E-01	1.81E-06	4.64E-04	1.54E-03	0.00E+00	-2.31E-04	1.83E-10	5.34E-09	6.25E-03	2.68E-01	0.00E+00	0.00E+00	7.76E-01	3.12E-03	1.38E+00	0.00E+00	1.12E-08	5.71E-09	4.25E-04	8.80E-08	1.36E-01	0.00E+00	1.38E+00	2.59E-07	1.38E+00	1.50E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NDN103A	9.96E-04	1.73E-01	5.83E-03	1.67E-01	2.87E-12	0.00E+00	9.62E-01	1.81E-06	4.58E-04	1.53E-03	0.00E+00	-2.27E-04	1.82E-10	5.30E-09	6.25E-03	2.67E-01	0.00E+00	0.00E+00	7.74E-01	3.05E-03	1.37E+00	0.00E+00	1.11E-08	5.67E-09	4.21E-04	8.81E-08	1.35E-01	0.00E+00	1.37E+00	2.60E-07	1.37E+00	1.50E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NDN103N	1.02E-03	1.97E-01	5.93E-03	1.87E-01	2.87E-12	0.00E+00	1.04E+00	1.90E-06	4.61E-04	1.65E-03	0.00E+00	-1.20E-04	1.99E-10	5.17E-09	7.01E-03	2.77E-01	0.00E+00	0.00E+00	7.78E-01	1.43E-03	1.41E+00	0.00E+00	1.15E-08	5.69E-09	4.30E-04	5.57E-08	1.40E-01	0.00E+00	1.41E+00	2.39E-07	1.41E+00	1.55E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NDN104	9.52E-04	1.70E-01	5.89E-03	1.65E-01	2.87E-12	0.00E+00	1.00E+00	1.88E-06	4.36E-04	1.51E-03	0.00E+00	-2.31E-04	1.83E-10	5.44E-09	6.37E-03	2.67E-01	0.00E+00	0.00E+00	7.79E-01	3.05E-03	1.39E+00	0.00E+00	1.10E-08	5.56E-09	4.13E-04	8.55E-08	1.38E-01	0.00E+00	1.39E+00	2.59E-07	1.39E+00	1.51E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
NDN104A	1.01E-03	1.72E-01	5.97E-03	1.66E-01	2.87E-12	0.00E+00	1.01E+00	1.88E-06	4.82E-04	1.51E-03	0.00E+00	-2.28E-04	1.86E-10	5.89E-09	6.38E-03	2.75E-01	0.00E+00	0.00E+00	7.85E-01	2.97E-03	1.39E+00	0.00E+00	1.11E-08	5.58E-09	4.11E-04	8.56E-08	1.40E-01	0.00E+00	1.39E+00	2.60E-07	1.39E+00	1.52E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
NDN104N	1.04E-03	1.97E-01	5.93E-03	1.87E-01	2.87E-12	0.00E+00	1.04E+00	1.92E-06	4.83E-04	1.64E-03	0.00E+00	-1.19E-04	2.01E-10	5.54E-09	7.02E-03	2.78E-01	0.00E+00	0.00E+00	7.86E-01	1.37E-03	1.42E+00	0.00E+00	1.16E-08	5.75E-09	4.39E-04	5.57E-08	1.41E-01	0.00E+00	1.42E+00	2.39E-07	1.42E+00	1.57E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
NDN106	8.44E-04	1.69E-01	5.71E-03	1.64E-01	2.87E-12	0.00E+00	9.36E-01	1.73E-06	3.80E-04	1.49E-03	0.00E+00	-1.77E-04	1.71E-10	4.80E-09	6.00E-03	2.57E-01	0.00E+00	0.00E+00	7.26E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.36E-09	3.93E-04	7.70E-08	1.30E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NDN106A	9.17E-04	1.70E-01	5.69E-03	1.64E-01	2.87E-12	0.00E+00	9.39E-01	1.74E-06	4.39E-04	1.49E-03	0.00E+00	-1.74E-04	1.73E-10	5.27E-09	5.99E-03	2.64E-01	0.00E+00	0.00E+00	7.27E-01	2.56E-03	1.29E+00	0.00E+00	1.05E-08	5.38E-09	3.90E-04	7.69E-08	1.30E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NDN106N	6.85E-04	1.61E-01	4.55E-03	1.55E-01	2.87E-12	0.00E+00	8.06E-01	1.52E-06	2.93E-04	1.32E-03	0.00E+00	-1.21E-04	1.45E-10	3.67E-09	5.39E-03	2.07E-01	0.00E+00	0.00E+00	6.17E-01	1.41E-03	1.15E+00	0.00E+00	9.23E-09	4.56E-09	3.29E-04	5.54E-08	1.10E-01	0.00E+00	1.15E+00	2.26E-07	1.15E+00	1.26E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
NDN106P	9.74E-04	1.68E-01	6.31E-03	1.61E-01	2.87E-12	0.00E+00	9.94E-01	1.75E-06	4.55E-04	1.56E-03	0.00E+00	-9.69E-05	2.04E-10	5.48E-09	6.68E-03	2.87E-01	0.00E+00	0.00E+00	7.89E-01	1.43E-03	1.36E+00	0.00E+00	1.10E-08	5.74E-09	4.20E-04	5.74E-08	1.44E-01	0.00E+00	1.36E+00	6.28E-07	1.36E+00	1.50E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
NDN110	8.41E-04	1.68E-01	5.60E-03	1.62E-01	2.87E-12	0.00E+00	9.19E-01	1.73E-06	3.99E-04	1.49E-03	0.00E+00	-1.94E-04	1.72E-10	4.88E-09	5.94E-03	2.57E-01	0.00E+00	0.00E+00	7.21E-01	2.57E-03	1.29E+00	0.00E+00	1.04E-08	5.34E-09	3.92E-04	7.61E-08	1.28E-01	0.00E+00	1.29E+00	2.37E-07	1.29E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
NDN110A	8.71E-04	1.68E-01	5.66E-03	1.62E-01	2.87E-12	0.00E+00	9.27E-01	1.73E-06	4.31E-04	1.49E-03	0.00E+00	-1.94E-04	1.73E-10	5.05E-09	5.96E-03	2.62E-01	0.00E+00	0.00E+00	7.26E-01	2.53E-03	1.29E+00	0.00E+00	1.04E-08	5.35E-09	3.87E-04	7.68E-08	1.28E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
NDN110N	1.06E-03	1.79E-01	6.21E-03	1.74E-01	2.87E-12	0.00E+00	1.00E+00	1.79E-06	4.94E-04	1.57E-03	0.00E+00	-1.06E-04	1.95E-10	5.97E-09	6.59E-03	2.77E-01	0.00E+00	0.00E+00	7.91E-01	1.58E-03	1.38E+00	0.00E+00	1.12E-08	5.74E-09	4.19E-04	5.31E-08	1.42E-01	0.00E+00	1.38E+00	4.38E-07	1.38E+00	1.51E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NDN110P	8.81E-04	1.66E-01	5.93E-03	1.57E-01	2.87E-12	0.00E+00	9.11E-01	1.69E-06	3.98E-04	1.52E-03	0.00E+00	-1.08E-04	1.89E-10	4.81E-09	5.97E-03	2.71E-01	0.00E+00	0.00E+00	7.32E-01	1.36E-03	1.29E+00	0.00E+00	1.06E-08	5.50E-09	4.08E-04	4.84E-08	1.32E-01	0.00E+00	1.29E+00	2.45E-07	1.29E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
NDN113	8.90E-04	1.67E-01	5.74E-03	1.61E-01	2.87E-12	0.00E+00	9.37E-01	1.75E-06	4.20E-04	1.48E-03	0.00E+00	-1.98E-04	1.75E-10	5.04E-09	5.99E-03	2.61E-01	0.00E+00	0.00E+00	7.30E-01	2.60E-03	1.30E+00	0.00E+00	1.05E-08	5.35E-09	3.89E-04	7.68E-08	1.30E-01	0.00E+00	1.30E+00	2.38E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NDN116	9.07E-04	1.68E-01	5.77E-03	1.62E-01	2.87E-12	0.00E+00	9.49E-01	1.79E-06	4.47E-04	1.47E-03	0.00E+00	-1.94E-04	1.79E-10	5.47E-09	6.01E-03	2.64E-01	0.00E+00	0.00E+00	7.40E-01	2.58E-03	1.31E+00	0.00E+00	1.05E-08	5.36E-09	3.93E-04	7.49E-08	1.31E-01	0.00E+00	1.31E+00	2.39E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NDN116A	9.23E-04	1.68E-01	5.77E-03	1.62E-01	2.87E-12	0.00E+00	9.53E-01	1.79E-06	4.71E-04	1.48E-03	0.00E+00	-1.95E-04	1.79E-10	5.59E-09	6.03E-03	2.65E-01	0.00E+00	0.00E+00	7.41E-01	2.54E-03	1.31E+00	0.00E+00	1.05E-08	5.37E-09	3.91E-04	7.52E-08	1.31E-01	0.00E+00	1.31E+00	2.40E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NDN116N	8.30E-04	1.65E-01	4.94E-03	1.60E-01	2.87E-12	0.00E+00	8.52E-01	1.62E-06	3.78E-04	1.39E-03	0.00E+00	-1.18E-04	1.58E-10	4.56E-09	5.45E-03	2.37E-01	0.00E+00	0.00E+00	6.67E-01	1.58E-03	1.18E+00	0.00E+00	9.50E-09	4.86E-09	3.67E-04	5.28E-08	1.17E-01	0.00E+00	1.18E+00	2.37E-07	1.18E+00	1.30E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
NDN116P	8.88E-04	1.65E-01	6.04E-03	1.57E-01	2.87E-12	0.00E+00	9.13E-01	1.70E-06	4.12E-04	1.51E-03	0.00E+00	-1.08E-04	1.90E-10	4.82E-09	6.00E-03	2.71E-01	0.00E+00	0.00E+00	7.34E-01	1.32E-03	1.30E+00	0.00E+00	1.06E-08	5.49E-09	4.12E-04	4.86E-08	1.32E-01	0.00E+00	1.30E+00	2.42E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NDN120	1.02E-03	1.69E-01	6.06E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.94E-06	5.04E-04	1.50E-03	0.00E+00	-1.92E-04	1.88E-10	6.49E-09	6.42E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.55E-03	1.40E+00	0.00E+00	1.11E-08	5.60E-09	4.03E-04	7.43E-08	1.43E-01	0.00E+00	1.40E+00	2.50E-07	1.40E+00	1.54E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NDN120A	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.01E-10	7.58E-09	6.57E-03	3.09E-01	0.00E+00	0.00E+00	8.58E-01	2.47E-03	1.43E+00	0.00E+00	1.15E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.52E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NDN120N	9.62E-04	1.72E-01	5.43E-03	1.66E-01	2.87E-12	0.00E+00	9.35E-01	1.74E-06	4.65E-04	1.49E-03	0.00E+00	-1.19E-04	1.76E-10	5.67E-09	5.97E-03	2.57E-01	0.00E+00	0.00E+00	7.29E-01	1.60E-03	1.31E+00	0.00E+00	1.05E-08	5.31E-09	3.94E-04	5.28E-08	1.28E-01	0.00E+00	1.31E+00	2.36E-07	1.31E+00	1.43E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01

NDN120P	9.61E-04	1.70E-01	6.12E-03	1.61E-01	2.87E-12	0.00E+00	1.00E+00	1.77E-06	4.52E-04	1.55E-03	0.00E+00	-1.03E-04	2.02E-10	5.74E-09	6.71E-03	2.82E-01	0.00E+00	0.00E+00	7.79E-01	1.25E-03	1.39E+00	0.00E+00	1.10E-08	5.61E-09	4.17E-04	4.85E-08	1.41E-01	0.00E+00	1.39E+00	2.56E-07	1.39E+00	1.52E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
NDN125	1.39E-03	1.68E-01	6.13E-03	1.62E-01	2.87E-12	0.00E+00	1.04E+00	1.93E-06	7.30E-04	1.51E-03	0.00E+00	-1.92E-04	1.91E-10	8.34E-09	6.38E-03	3.21E-01	0.00E+00	0.00E+00	8.78E-01	2.55E-03	1.39E+00	0.00E+00	1.11E-08	5.87E-09	4.18E-04	7.43E-08	1.55E-01	0.00E+00	1.39E+00	2.49E-07	1.39E+00	1.54E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
NDN125A	1.37E-03	1.70E-01	6.20E-03	1.64E-01	2.87E-12	0.00E+00	1.06E+00	1.94E-06	7.54E-04	1.52E-03	0.00E+00	-1.86E-04	1.94E-10	8.30E-09	6.44E-03	3.27E-01	0.00E+00	0.00E+00	8.87E-01	2.46E-03	1.40E+00	0.00E+00	1.12E-08	5.92E-09	4.19E-04	7.37E-08	1.56E-01	0.00E+00	1.40E+00	2.51E-07	1.40E+00	1.55E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
NDN125N	1.03E-03	1.74E-01	5.75E-03	1.66E-01	2.87E-12	0.00E+00	1.01E+00	1.87E-06	4.84E-04	1.52E-03	0.00E+00	-1.17E-04	1.86E-10	6.31E-09	6.38E-03	2.77E-01	0.00E+00	0.00E+00	7.95E-01	1.67E-03	1.37E+00	0.00E+00	1.09E-08	5.61E-09	4.05E-04	5.35E-08	1.42E-01	0.00E+00	1.37E+00	2.49E-07	1.37E+00	1.49E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
NDN125P	9.69E-04	1.70E-01	6.13E-03	1.61E-01	2.87E-12	0.00E+00	1.01E+00	1.77E-06	4.56E-04	1.55E-03	0.00E+00	-1.03E-04	2.03E-10	5.79E-09	6.71E-03	2.88E-01	0.00E+00	0.00E+00	7.86E-01	1.25E-03	1.39E+00	0.00E+00	1.10E-08	5.65E-09	4.18E-04	4.85E-08	1.43E-01	0.00E+00	1.39E+00	2.56E-07	1.39E+00	1.52E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NDN132	1.48E-03	1.87E-01	6.52E-03	1.83E-01	2.87E-12	0.00E+00	1.09E+00	2.02E-06	8.96E-04	1.60E-03	0.00E+00	-1.75E-04	2.04E-10	9.77E-09	6.75E-03	3.37E-01	0.00E+00	0.00E+00	9.23E-01	2.54E-03	1.48E+00	0.00E+00	1.20E-08	6.41E-09	4.57E-04	7.42E-08	1.64E-01	0.00E+00	1.48E+00	2.47E-07	1.48E+00	1.64E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NDN132A	1.48E-03	1.87E-01	6.52E-03	1.84E-01	2.87E-12	0.00E+00	1.10E+00	2.02E-06	8.93E-04	1.60E-03	0.00E+00	-1.73E-04	2.04E-10	9.77E-09	6.75E-03	3.37E-01	0.00E+00	0.00E+00	9.23E-01	2.49E-03	1.48E+00	0.00E+00	1.20E-08	6.42E-09	4.56E-04	7.43E-08	1.64E-01	0.00E+00	1.48E+00	2.48E-07	1.48E+00	1.63E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NDN132N	1.42E-03	1.92E-01	6.06E-03	1.85E-01	2.87E-12	0.00E+00	1.05E+00	1.88E-06	8.61E-04	1.60E-03	0.00E+00	-1.27E-04	1.96E-10	9.43E-09	6.80E-03	3.04E-01	0.00E+00	0.00E+00	8.80E-01	1.37E-03	1.40E+00	0.00E+00	1.15E-08	6.09E-09	4.46E-04	5.63E-08	1.57E-01	0.00E+00	1.40E+00	2.39E-07	1.40E+00	1.55E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
NDN132P	1.24E-03	1.94E-01	7.41E-03	1.80E-01	2.87E-12	0.00E+00	1.10E+00	1.85E-06	7.14E-04	1.73E-03	0.00E+00	-9.38E-05	2.23E-10	7.52E-09	7.29E-03	3.30E-01	0.00E+00	0.00E+00	8.42E-01	1.32E-03	1.47E+00	0.00E+00	1.19E-08	6.28E-09	4.73E-04	5.22E-08	1.52E-01	0.00E+00	1.47E+00	2.94E-07	1.47E+00	1.63E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
NDN140	1.49E-03	1.91E-01	6.49E-03	1.85E-01	2.87E-12	0.00E+00	1.08E+00	1.99E-06	9.15E-04	1.68E-03	0.00E+00	-1.87E-04	2.06E-10	9.71E-09	6.83E-03	3.37E-01	0.00E+00	0.00E+00	9.19E-01	2.69E-03	1.48E+00	0.00E+00	1.20E-08	6.30E-09	4.70E-04	7.50E-08	1.61E-01	0.00E+00	1.48E+00	2.46E-07	1.48E+00	1.65E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NDN140A	1.83E-03	2.00E-01	7.51E-03	1.92E-01	0.00E+00	0.00E+00	1.18E+00	2.16E-06	1.10E-03	1.78E-03	0.00E+00	-1.90E-04	2.29E-10	1.20E-08	7.14E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	2.53E-03	1.60E+00	0.00E+00	1.29E-08	7.08E-09	5.16E-04	7.59E-08	1.78E-01	0.00E+00	1.60E+00	2.37E-07	1.60E+00	1.78E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.70E+01
NDN140N	1.42E-03	1.92E-01	6.07E-03	1.85E-01	2.87E-12	0.00E+00	1.06E+00	1.89E-06	8.75E-04	1.60E-03	0.00E+00	-1.27E-04	1.96E-10	9.44E-09	6.82E-03	3.05E-01	0.00E+00	0.00E+00	8.82E-01	1.37E-03	1.41E+00	0.00E+00	1.15E-08	6.09E-09	4.46E-04	5.63E-08	1.57E-01	0.00E+00	1.41E+00	2.38E-07	1.41E+00	1.55E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
NDN140P	1.25E-03	1.95E-01	7.58E-03	1.80E-01	2.87E-12	0.00E+00	1.12E+00	1.93E-06	7.24E-04	1.75E-03	0.00E+00	-9.36E-05	2.26E-10	7.54E-09	7.39E-03	3.39E-01	0.00E+00	0.00E+00	8.50E-01	1.30E-03	1.51E+00	0.00E+00	1.21E-08	6.38E-09	4.74E-04	5.94E-08	1.52E-01	0.00E+00	1.51E+00	6.40E-07	1.51E+00	1.67E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
NDN150	1.43E-03	2.03E-01	7.28E-03	1.93E-01	2.87E-12	0.00E+00	1.14E+00	1.87E-06	9.27E-04	1.74E-03	0.00E+00	-2.17E-04	2.29E-10	9.80E-09	6.80E-03	3.58E-01	0.00E+00	0.00E+00	9.04E-01	2.67E-03	1.48E+00	0.00E+00	1.21E-08	6.68E-09	4.81E-04	8.15E-08	1.61E-01	0.00E+00	1.48E+00	2.59E-07	1.48E+00	1.65E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
NDN150A	1.54E-03	1.97E-01	6.98E-03	1.92E-01	2.87E-12	0.00E+00	1.15E+00	2.06E-06	7.99E-04	1.74E-03	0.00E+00	-1.86E-04	2.08E-10	9.77E-09	6.93E-03	3.68E-01	0.00E+00	0.00E+00	9.51E-01	2.63E-03	1.50E+00	0.00E+00	1.22E-08	6.69E-09	4.76E-04	7.52E-08	1.71E-01	0.00E+00	1.50E+00	2.43E-07	1.50E+00	1.66E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
NDN150N	1.59E-03	2.06E-01	7.10E-03	1.92E-01	2.87E-12	0.00E+00	1.13E+00	2.05E-06	8.30E-04	1.74E-03	0.00E+00	-1.20E-04	2.27E-10	9.99E-09	7.24E-03	3.51E-01	0.00E+00	0.00E+00	9.55E-01	1.44E-03	1.52E+00	0.00E+00	1.26E-08	6.86E-09	4.96E-04	5.77E-08	1.73E-01	0.00E+00	1.52E+00	2.36E-07	1.52E+00	1.68E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.52E+01
NDN163	1.67E-03	2.05E-01	7.36E-03	1.95E-01	2.87E-12	0.00E+00	1.16E+00	1.97E-06	1.12E-03	1.77E-03	0.00E+00	-2.19E-04	2.48E-10	1.11E-08	7.16E-03	3.85E-01	0.00E+00	0.00E+00	9.49E-01	2.75E-03	1.59E+00	0.00E+00	1.30E-08	6.99E-09	5.17E-04	8.16E-08	1.69E-01	0.00E+00	1.59E+00	6.89E-07	1.59E+00	1.76E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.52E+01
NDN163A	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.45E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.31E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NDN163N	1.70E-03	2.07E-01	7.27E-03	1.93E-01	2.87E-12	0.00E+00	1.15E+00	2.12E-06	1.09E-03	1.75E-03	0.00E+00	-1.29E-04	2.33E-10	1.20E-08	7.37E-03	3.61E-01	0.00E+00	0.00E+00	9.73E-01	1.55E-03	1.55E+00	0.00E+00	1.27E-08	6.92E-09	5.00E-04	5.89E-08	1.76E-01	0.00E+00	1.55E+00	2.37E-07	1.55E+00	1.71E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
NDN163P	1.53E-03	1.96E-01	7.85E-03	1.81E-01	2.87E-12	0.00E+00	1.16E+00	2.01E-06	1.14E-03	1.76E-03	0.00E+00	-1.08E-04	2.56E-10	1.09E-08	7.57E-03	3.82E-01	0.00E+00	0.00E+00	9.26E-01	1.45E-03	1.60E+00	0.00E+00	1.28E-08	6.87E-09	5.04E-04	5.47E-08	1.67E-01	0.00E+00	1.60E+00	6.82E-07	1.60E+00	1.75E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NDN200	2.69E-03	3.79E-01	1.17E-02	3.62E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	6.37E-04	3.36E-03	0.00E+00	-3.06E-04	3.65E-10	1.27E-08	1.41E-02	6.39E-01	0.00E+00	0.00E+00	1.76E+00	3.82E-03	3.20E+00	0.00E+00	2.60E-08	1.36E-08	9.72E-04	1.39E-07	3.35E-01	0.00E+00	3.20E+00	4.16E-07	3.20E+00	3.46E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NDN200A	2.71E-03	3.79E-01	1.17E-02	3.62E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	6.45E-04	3.36E-03	0.00E+00	-3.05E-04	3.66E-10	1.29E-08	1.42E-02	6.40E-01	0.00E+00	0.00E+00	1.76E+00	3.77E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.72E-04	1.39E-07	3.35E-01	0.00E+00	3.23E+00	4.16E-07	3.23E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NDN200N	2.27E-03	3.90E-01	1.32E-02	3.75E-01	2.87E-12	0.00E+00	2.22E+00	4.22E-06	5.64E-04	3.40E-03	0.00E+00	-2.77E-04	4.18E-10	1.01E-08	1.48E-02	6.21E-01	0.00E+00	0.00E+00	1.61E+00	2.67E-03	3.12E+00	0.00E+00	2.57E-08	1.22E-08	9.19E-04	1.32E-07	2.98E-01	0.00E+00	3.12E+00	5.24E-07	3.12E+00	3.40E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.70E+01
NDN201	2.67E-03	2.98E-01	1.16E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	5.70E-04	2.84E-03	0.00E+00	-3.06E-04	3.60E-10	1.22E-08	1.41E-02	6.39E-01	0.00E+00	0.00E+00	1.75E+00	3.83E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.39E-07	3.35E-01	0.00E+00	3.23E+00	4.16E-07	3.23E+00	3.51E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
NDN201N	2.28E-03	3.87E-01	1.32E-02	3.71E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	5.49E-04	3.38E-03	0.00E+00	-2.78E-04	4.16E-10	1.00E-08	1.48E-02	6.19E-01	0.00E+00	0.00E+00	1.60E+00	2.63E-03	3.12E+00	0.00E+00	2.57E-08	1.22E-08	9.18E-04	1.31E-07	2.98E-01	0.00E+00	3.12E+00	5.23E-07	3.12E+00	3.40E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.69E+01
NDN202	2.70E-03	2.98E-01	1.18E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.18E-06	9.03E-04	2.84E-03	0.00E+00	-2.72E-04	3.60E-10	1.43E-08	1.41E-02	6.37E-01	0.00E+00	0.00E+00	1.76E+00	3.80E-03	3.23E+00	0.00E+00	2.61E-08	1.36E-08	9.43E-04	1.38E-07	3.36E-01	0.00E+00	3.23E+00	4.18E-07	3.23E+00	3.51E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NDN202A	2.72E-03	2.97E-01	1.19E-02	2.81E-01	2.87E-12	0.00E+00	2.21E+00	4.20E-06	9.13E-04	2.84E-03	0.00E+00	-2.71E-04	3.61E-10	1.46E-08	1.42E-02	6.40E-01	0.00E+00	0.00E+00	1.77E+00	3.76E-03	3.26E+00	0.00E+00	2.61E-08	1.36E-08	9.46E-04	1.38E-07	3.37E-01	0.00E+00	3.26E+00	4.18E-07	3.26E+00	3.54E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NDN202N	2.29E-03	3.87E-01	1.32E-02	3.71E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	9.14E-04	3.38E-03	0.00E+00	-2.83E-04	4.16E-10	1.17E-08	1.48E-02	6.19E-01	0.00E+00	0.00E+00	1.60E+00	2.61E-03	3.12E+00	0.00E+00	2.57E-08	1.22E-08	9.18E-04	1.29E-07	2.98E-01	0.00E+00	3.12E+00	5.28E-07	3.12E+00	3.40E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
NDN202P	2.19E-03	3.90E-01	1.23E-02	3.76E-01	2.87E-12	0.00E+00	2.20E+00	4.10E-06	7.56E-04	3.42E-03	0.00E+00	-2.76E-04	4.08E-10	1.14E-08	1.48E-02	5.61E-01	0.00E+00	0.00E+00	1.68E+00	2.35E-03	3.04E+00	0.00E+00	2.51E-08	1.26E-08	9.58E-04	1.14E-07	3.08E-01	0.00E+00	3.04E+00	5.70E-07	3.04E+00	3.37E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	5.89E+01
NDN203	2.56E-03	2.94E-01	1.16E-02	2.76E-01	2.87E-12	0.00E+00	2.18E+00	4.12E-06	8.60E-04	2.77E-03	0.00E+00	-2.71E-04	3.57E-10	1.35E-08	1.39E-02	6.26E-01	0.00E+00	0.00E+00	1.71E+00	3.79E-03	3.18E+00	0.00E+00	2.55E-08	1.32E-08	9.14E-04	1.36E-07	3.23E-01	0.00E+00	3.18E+00	4.19E-07	3.18E+00	3.45E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.03E+01
NDN203N	2.29E-03	3.87E-01	1.31E-02	3.71E-01	2.87E-12	0.00E+00	2.22E+00	4.22E-06	8.93E-04	3.38E-03	0.00E+00	-2.82E-04	4.17E-10	1.17E-08	1.48E-02	6.19E-01	0.00E+00	0.00E+00	1.61E+00	2.61E-03	3.12E+00	0.00E+00	2.57E-08	1.22E-08	9.18E-04	1.26E-07	2.98E-01	0.00E+00	3.12E+00	5.28E-07	3.12E+00	3.39E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.70E+01
NDN204	2.72E-03	2.98E-01	1.17E-02	2.82E-01	2.87E-12	0.00E+00	2.20E+00	4.16E-06	8.82E-04	2.84E-03	0.00E+00	-3.07E-04	3.62E-10	1.45E-08	1.42E-02	6.37E-01	0.00E+00	0.00E+00	1.76E+00	3.83E-03	3.23E+00	0.00E+00	2.61E-08	1.37E-08	9.42E-04	1.35E-07	3.37E-01	0.00E+00	3.23E+00	4.18E-07	3.23E+00	3.50E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NDN204A	2.74E-03	2.97E-01	1.18E-02	2.81E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	9.03E-04	2.84E-03	0.00E+00	-3.08E-04	3.62E-10	1.48E-08	1.42E-02	6.37E-01	0.00E+00	0.00E+00	1.77E+00	3.79E-03	3.26E+00	0.00E+00	2.61E-08	1.37E-08	9.45E-04	1.35E-07	3.37E-01	0.00E+00	3.26E+00	4.17E-07	3.26E+00	3.53E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NDN204N	2.29E-03	3.87E-01	1.31E-02	3.71E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	9.13E-04	3.38E-03	0.00E+00	-2.82E-04	4.18E-10	1.18E-08	1.48E-02	6.19E-01	0.00E+00	0.00E+00	1.60E+00	2.59E-03	3.12E+00	0.00E+00	2.57E-08	1.22E-08	9.17E-04	1.25E-07	2.97E-01	0.00E+00	3.12E+00	5.28E-07	3.12E+00	3.39E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
NDN206	1.37E-03	3.03E-01	1.14E-02	2.88E-01	2.87E-12	0.00E+00	1.86E+00	3.43E-06	5.57E-04	2.78E-03	0.00E+00	-2.30E-04	3.19E-10	7.36E-09	1.18E-02	6.00E-01	0.00E+00	0.00E+00	1.36E+00	3.23E-03	2.55E+00	0.00E+00	2.06E-08	9.93E-09	7.52E-04	1.28E-07	2.42E-01	0.00E+00	2.55E+00	4.08E-07	2.55E+00	2.82E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
NDN206A	1.39E-03	3.02E-01	1.14E-02	2.87E-01	2.87E-12	0.00E+00	1.96E+00	3.56E-06	5.56E-04	2.78E-03	0.00E+00	-2.29E-04	3.31E-10	7.39E-09	1.20E-02	6.12E-01	0.00E+00	0.00E+00	1.38E+00	3.17E-03	2.57E+00	0.00E+00	2.06E-08	9.99E-09	7.56E-04	1.27E-07	2.44E-01	0.00E+00	2.57E+00	4.09E-07	2.57E+00	2.83E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
NDN206N	2.28E-03	3.06E-01	1.32E-02	2.93E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	5.65E-04	2.80E-03	0.00E+00	-2.76E-04	4.08E-10	1.02E-08	1.48E-02	6.18E-01	0.00E+00	0.00E+00	1.60E+00	2.58E-03	3.16E+00	0.00E+00	2.57E-08	1.22E-08	8.93E-04	1.30E-07	2.98E-01	0.00E+00	3.16E+00	5.30E-07	3.16E+00	3.45E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.69E+01
NDN206P	2.13E-03	3.02E-01	1.22E-02	2.87E-01	2.87E-12	0.00E+00	2.19E+00	4.08E-06	6.29E-04	2.74E-03	0.00E+00	-2.74E-04	3.98E-10	1.04E-08	1.47E-02	5.57E-01	0.00E+00	0.00E+00	1.63E+00	2.35E-03	3.06E+00	0.00E+00	2.48E-08	1.24E-08	9.14E-04	1.16E-07	3.01E-01	0.00E+00	3.06E+00	5.71E-07	3.06E+00	3.41E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	5.81E+01
NDN210	1.38E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.82E+00	3.63E-06	7.47E-04	2.76E-03	0.00E+00	-2.36E-04	3.37E-10	8.60E-09	1.20E-02	6.20E-01	0.00E+00	0.00E+00	1.40E+00	3.45E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.28E-07	2.45E-01	0.00E+00	2.71E+00	5.70E-07	2.71E+00	2.94E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
NDN210A	1.38E-03	3.01E-01	1.25E-02	2.86E-01	2.87E-12	0.00E+00	1.82E+00	3.64E-06	7.47E-04	2.76E-03	0.00E+00	-2.37E-04	3.37E-10	8.63E-09	1.20E-02	6.21E-01	0.00E+00	0.00E+00	1.41E+00	3.44E-03	2.71E+00	0.00E+00	2.10E-08	1.03E-08	7.53E-04	1.28E-07	2.45E-01	0.00E+00	2.71E+00	5.63E-07	2.71E+00	2.94E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
NDN210N	2.28E-03	3.04E-01	1.31E-02	2.90E-01	2.87E-12	0.00E+00	2.21E+00	4.28E-06	9.07E-04	2.81E-03	0.00E+00	-2.70E-04	4.04E-10	1.18E-08	1.48E-02	5.94E-01	0.00E+00	0.00E+00	1.61E+00	4.06E-03	3.29E+00	0.00E+00	2.66E-08	1.22E-08	8.96E-04	1.35E-07	2.98E-01	0.00E+00	3.29E+00	5.33E-07	3.29E+00	3.55E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.70E+01
NDN210P	1.40E-03	3.04E-01	1.18E-02	2.89E-01	2.87E-12	0.00E+00	1.78E+00	3.68E-06	6.60E-04	2.73E-03	0.00E+00	-2.28E-04	3.33E-10	7.78E-09	1.20E-02	5.28E-01	0.00E+00	0.00E+00	1.39E+00	2.00E-03	2.75E+00	0.00E+00	2.13E-08	1.03E-08	7.51E-04	1.12E-07	2.44E-01	0.00E+00	2.75E+00	6.16E-07	2.75E+00	3.00E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
NDN213	1.41E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.22E-04	2.76E-03	0.00E+00	-2.42E-04	3.65E-10	8.58E-09	1.22E-02	6.40E-01	0.00E+00	0.00E+00	1.42E+00	3.46E-03	2.73E+00	0.00E+00	2.12E-08	1.04E-08	7.51E-04	1.26E-07	2.47E-01	0.00E+00	2.73E+00	5.37E-07	2.73E+00	2.96E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NDN216	1.43E-03	3.02E-01	1.25E-02	2.87E-01	2.87E-12	0.00E+00	1.97E+00	3.78E-06	7.30E-04	2.76E-03	0.00E+00	-2.42E-04	3.65E-10	8.89E-09	1.22E-02	6.40E-01	0.00E+00	0.00E+00	1.42E+00	3.47E-03	2.73E+00	0.00E+00	2.12E-08	1.04E-08	7.51E-04	1.26E-07	2.47E-01	0.00E+00	2.73E+00	5.38E-07	2.73E+00	2.96E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NDN216A	1.44E-03	3.01E-01	1.25E-02	2.86E-01	2.87E-12	0.00E+00	1.98E+00	3.80E-06	7.30E-04	2.76E-03	0.00E+00	-2.40E-04	3.65E-10	8.92E-09	1.22E-02	6.40E-01	0.00E+00	0.00E+00	1.43E+00	3.44E-03	2.73E+00	0.00E+00	2.12E-08	1.04E-08	7.54E-04	1.26E-07	2.47E-01	0.00E+00	2.73E+00	5.38E-07	2.73E+00	2.95E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
NDN216N	2.30E-03	3.70E-01	1.29E-02	3.57E-01	2.87E-12	0.00E+00	2.21E+00	4.28E-06	8.93E-04	3.28E-03	0.00E+00	-2.71E-04	4.12E-10	1.19E-08	1.48E-02	5.94E-01	0.00E+00	0.00E+00	1.61E+00	4.06E-03	3.25E+00	0.00E+00	2.65E-08	1.21E-08	9.34E-04	1.31E-07	2.97E-01	0.00E+00	3.25E+00	5.33E-07	3.25E+00	3.49E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.70E+01
NDN216P	1.64E-03	3.05E-01	1.10E-02	2.90E-01	2.87E-12	0.00E+00	1.83E+00	3.51E-06	7.73E-04	2.76E-03	0.00E+00	-2.07E-04	3.16E-10	9.64E-09	1.19E-02	5.23E-01	0.00E+00	0.00E+00	1.38E+00	2.13E-03	2.60E+00	0.00E+00	2.07E-08	1.03E-08	7.53E-04	1.07E-07	2.43E-01	0.00E+00	2.60E+00	4.10E-07	2.60E+00	2.87E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
NDN220	2.64E-03	2.99E-01	1.28E-02	2.85E-01	2.87E-12	0.00E+00	2.22E+00	4.15E-06	8.40E-04	2.79E-03	0.00E+00	-2.58E-04	4.00E-10	1.37E-08	1.43E-02	6.58E-01	0.00E+00	0.00E+00	1.75E+00	3.63E-03	3.17E+00	0.00E+00	2.56E-08	1.35E-08	9.19E-04	1.25E-07	3.29E-01	0.00E+00	3.17E+00	5.31E-07	3.17E+00	3.47E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NDN220A	2.64E-03	2.99E-01	1.28E-02	2.83E-01	2.87E-12	0.00E+00	2.22E+00	4.15E-06	8.51E-04	2.77E-03	0.00E+00	-2.44E-04	3.95E-10	1.40E-08	1.42E-02	6.34E-01	0.00E+00	0.00E+00	1.74E+00	3.36E-03	3.18E+00	0.00E+00	2.55E-08	1.34E-08	9.14E-04	1.24E-07	3.27E-01	0.00E+00	3.18E+00	4.29E-07	3.18E+00	3.47E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
NDN220N	2.30E-03	3.72E-01	1.30E-02	3.58E-01	2.87E-12	0.00E+00	2.22E+00	4.29E-06	9.39E-04	3.32E-03	0.00E+00	-2.83E-04	4.14E-10	1.18E-08	1.49E-02	6.00E-01	0.00E+00	0.00E+00	1.61E+00	4.15E-03	3.26E+00	0.00E+00	2.66E-08	1.21E-08	9.39E-04	1.31E-07	2.98E-01	0.00E+00	3.26E+00	5.27E-07	3.26E+00	3.49E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
NDN220P	2.11E-03	3.04E-01	1.20E-02	2.90E-01	2.87E-12	0.00E+00	2.20E+00	4.09E-06	7.30E-04	2.75E-03	0.00E+00	-2.48E-04	4.00E-10	1.02E-08	1.51E-02	5.48E-01	0.00E+00	0.00E+00	1.65E+00	2.25E-03	3.06E+00	0.00E+00	2.49E-08	1.25E-08	8.95E-04	1.03E-07	3.01E-01	0.00E+00	3.06E+00	5.62E-07	3.06E+00	3.38E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
NDN225	2.90E-03	2.99E-01	1.29E-02	2.84E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	1.63E-03	2.77E-03	0.00E+00	-2.58E-04	3.97E-10	1.82E-08	1.43E-02	7.02E-01	0.00E+00	0.00E+00	1.88E+00	3.64E-03	3.17E+00	0.00E+00	2.56E-08	1.35E-08	9.18E-04	1.23E-07	3.32E-01	0.00E+00	3.17E+00	5.33E-07	3.17E+00	3.49E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NDN225A	2.13E-03	3.00E-01	1.25E-02	2.83E-01	2.87E-12	0.00E+00	2.11E+00	3.88E-06	1.63E-03	2.77E-03	0.00E+00	-2.44E-04	3.77E-10	1.63E-08	1.28E-02	6.91E-01	0.00E+00	0.00E+00	1.66E+00	3.33E-03	2.79E+00	0.00E+00	2.22E-08	1.16E-08	8.30E-04	1.20E-07	2.84E-01	0.00E+00	2.79E+00	4.10E-07	2.79E+00	3.05E+00	2.84E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NDN225N	2.34E-03	3.72E-01	1.30E-02	3.58E-01	2.87E-12	0.00E+00	2.23E+00	4.33E-06	1.19E-03	3.33E-03	0.00E+00	-2.80E-04	4.15E-10	1.31E-08	1.49E-02	6.06E-01	0.00E+00	0.00E+00	1.64E+00	4.20E-03	3.27E+00	0.00E+00	2.67E-08	1.22E-08	9.45E-04	1.30E-07	3.00E-01	0.00E+00	3.27E+00	6.03E-07	3.27E+00	3.52E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
NDN225P	2.18E-03	3.02E-01	1.12E-02	2.86E-01	2.87E-12	0.00E+00	2.18E+00	4.09E-06	1.05E-03	2.76E-03	0.00E+00	-2.16E-04	3.61E-10	1.24E-08	1.46E-02	5.46E-01	0.00E+00	0.00E+00	1.67E+00	2.14E-03	3.04E+00	0.00E+00	2.45E-08	1.25E-08	8.98E-04	1.01E-07	3.01E-01	0.00E+00	3.04E+00	4.10E-07	3.04E+00	3.37E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	5.91E+01
NDN232	3.10E-03	3.89E-01	1.16E-02	3.74E-01	2.87E-12	0.00E+00	2.22E+00	4.21E-06	1.72E-03	3.43E-03	0.00E+00	-2.53E-04	3.72E-10	1.95E-08	1.42E-02	7.13E-01	0.00E+00	0.00E+00	1.89E+00	3.52E-03	3.16E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.27E-07	3.42E-01	0.00E+00	3.16E+00	4.09E-07	3.16E+00	3.47E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
NDN232A	3.10E-03	3.89E-01	1.16E-02	3.74E-01	2.87E-12	0.00E+00	2.23E+00	4.24E-06	1.72E-03	3.43E-03	0.00E+00	-2.54E-04	3.72E-10	1.95E-08	1.42E-02	7.16E-01	0.00E+00	0.00E+00	1.89E+00	3.49E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	9.79E-04	1.27E-07	3.43E-01	0.00E+00	3.19E+00	4.09E-07	3.19E+00	3.50E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
NDN232N	2.78E-03	3.93E-01	1.39E-02	3.77E-01	2.87E-12	0.00E+00	2.23E+00	4.25E-06	1.27E-03	3.41E-03	0.00E+00	-3.01E-04	4.44E-10	1.54E-08	1.48E-02	7.08E-01	0.00E+00	0.00E+00	1.77E+00	2.97E-03	3.14E+00	0.00E+00	2.59E-08	1.28E-08	9.28E-04	1.27E-07	3.17E-01	0.00E+00	3.14E+00	5.29E-07	3.14E+00	3.43E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
NDN232P	2.82E-03	3.93E-01	1.30E-02	3.80E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.57E-03	3.46E-03	0.00E+00	-3.29E-04	4.19E-10	1.78E-08	1.49E-02	7.07E-01	0.00E+00	0.00E+00	1.85E+00	2.73E-03	3.06E+00	0.00E+00	2.53E-08	1.31E-08	9.66E-04	1.15E-07	3.24E-01	0.00E+00	3.06E+00	5.70E-07	3.06E+00	3.42E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
NDN240	2.86E-03	3.88E-01	1.22E-02	3.73E-01	2.87E-12	0.00E+00	2.24E+00	4.23E-06	1.45E-03	3.40E-03	0.00E+00	-2.54E-04	3.74E-10	1.71E-08	1.41E-02	6.67E-01	0.00E+00	0.00E+00	1.81E+00	3.69E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.78E-04	1.28E-07	3.40E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.47E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NDN240A	2.86E-03	3.90E-01	1.23E-02	3.75E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	1.45E-03	3.42E-03	0.00E+00	-2.71E-04	3.74E-10	1.71E-08	1.42E-02	6.73E-01	0.00E+00	0.00E+00	1.82E+00	3.73E-03	3.20E+00	0.00E+00	2.58E-08	1.38E-08	9.80E-04	1.28E-07	3.40E-01	0.00E+00	3.20E+00	4.09E-07	3.20E+00	3.50E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NDN240N	2.30E-03	3.93E-01	1.34E-02	3.77E-01	2.87E-12	0.00E+00	2.23E+00	4.24E-06	1.14E-03	3.41E-03	0.00E+00	-3.02E-04	4.44E-10	1.27E-08	1.48E-02	6.27E-01	0.00E+00	0.00E+00	1.63E+00	2.95E-03	3.14E+00	0.00E+00	2.58E-08	1.22E-08	9.26E-04	1.24E-07	2.99E-01	0.00E+00	3.14E+00	5.29E-07	3.14E+00	3.43E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	5.81E+01
NDN240P	2.21E-03	3.94E-01	1.24E-02	3.81E-01	2.87E-12	0.00E+00	2.23E+00	4.15E-06	1.27E-03	3.46E-03	0.00E+00	-3.25E-04	4.31E-10	1.36E-08	1.49E-02	5.71E-01	0.00E+00	0.00E+00	1.70E+00	2.69E-03	3.06E+00	0.00E+00	2.52E-08	1.26E-08	9.65E-04	1.11E-07	3.10E-01	0.00E+00	3.06E+00	5.68E-07	3.06E+00	3.41E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.01E+01
NDN250	3.06E-03	3.95E-01	1.32E-02	3.85E-01	2.87E-12	0.00E+00	2.14E+00	3.88E-06	1.64E-03	3.49E-03	0.00E+00	-3.32E-04	4.07E-10	1.97E-08	1.40E-02	7.30E-01	0.00E+00	0.00E+00	1.80E+00	2.23E-03	2.98E+00	0.00E+00	2.45E-08	1.28E-08	9.67E-04	1.21E-07	3.20E-01	0.00E+00	2.98E+00	5.61E-07	2.98E+00	3.33E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
NDN250A	3.19E-03	3.90E-01	1.24E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.79E-03	3.42E-03	0.00E+00	-2.84E-04	3.79E-10	1.97E-08	1.42E-02	7.28E-01	0.00E+00	0.00E+00	1.92E+00	4.03E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	9.82E-04	1.39E-07	3.45E-01	0.00E+00	3.21E+00	4.09E-07	3.21E+00	3.52E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
NDN250N	3.15E-03	3.95E-01	1.44E-02	3.78E-01	2.87E-12	0.00E+00	2.23E+00	4.26E-06	1.68E-03	3.44E-03	0.00E+00	-3.04E-04	4.47E-10	1.97E-08	1.50E-02	7.37E-01	0.00E+00	0.00E+00	1.79E+00	3.15E-03	3.15E+00	0.00E+00	2.60E-08	1.28E-08	9.32E-04	1.31E-07	3.18E-01	0.00E+00	3.15E+00	5.30E-07	3.15E+00	3.44E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
NDN250P	3.09E-03	3.96E-01	1.36E-02	3.84E-01	2.87E-12	0.00E+00	2.23E+00	4.17E-06	1.68E-03	3.50E-03	0.00E+00	-3.37E-04	4.44E-10	1.99E-08	1.49E-02	7.37E-01	0.00E+00	0.00E+00	1.87E+00	3.03E-03	3.07E+00	0.00E+00	2.54E-08	1.32E-08	9.70E-04	1.23E-07	3.25E-01	0.00E+00	3.07E+00	5.69E-07	3.07E+00	3.42E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
NDN263	4.65E-03	3.91E-01	1.30E-02	3.77E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.67E-03	3.41E-03	0.00E+00	-3.58E-04	3.79E-10	2.95E-08	1.41E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.27E-03	3.19E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.48E-01	0.00E+00	3.19E+00	4.10E-07	3.19E+00	3.50E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NDN263A	4.66E-03	3.91E-01	1.31E-02	3.77E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.66E-03	3.41E-03	0.00E+00	-3.47E-04	3.79E-10	2.94E-08	1.42E-02	7.43E-01	0.00E+00	0.00E+00	1.96E+00	4.24E-03	3.22E+00	0.00E+00	2.58E-08	1.44E-08	9.82E-04	1.60E-07	3.49E-01	0.00E+00	3.22E+00	4.10E-07	3.22E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
NDN263N	4.50E-03	3.93E-01	1.48E-02	3.77E-01	2.87E-12	0.00E+00	2.24E+00	4.26E-06	2.51E-03	3.43E-03	0.00E+00	-3.08E-04	4.47E-10	2.85E-08	1.50E-02	7.43E-01	0.00E+00	0.00E+00	1.79E+00	3.21E-03	3.16E+00	0.00E+00	2.60E-08	1.28E-08	9.32E-04	1.47E-07	3.19E-01	0.00E+00	3.16E+00	5.28E-07	3.16E+00	3.44E+00	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
NDN263P	4.50E-03	3.87E-01	1.32E-02	3.77E-01	2.87E-12	0.00E+00	2.22E+00	4.16E-06	2.57E-03	3.44E-03	0.00E+00	-2.95E-04	4.15E-10	2.91E-08	1.49E-02	7.31E-01	0.00E+00	0.00E+00	1.83E+00	2.76E-03	3.07E+00	0.00E+00	2.52E-08	1.32E-08	9.69E-04	1.48E-07	3.23E-01	0.00E+00	3.07E+00	5.62E-07	3.07E+00	3.41E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
NDN300	2.85E-03	4.84E-01	2.77E-02	4.68E-01	2.87E-12	0.00E+00	2.91E+00	5.44E-06	1.09E-03	4.30E-03	0.00E+00	-5.31E-04	5.13E-10	1.51E-08	1.87E-02	8.28E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	3.96E+00	0.00E+00	3.19E-08	1.63E-08	1.23E-03	1.99E-07	4.09E-01	0.00E+00	3.96E+00	3.97E-07	3.96E+00	4.35E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.34E+01
NDN300A	2.85E-03	4.80E-01	2.77E-02	4.67E-01	2.87E-12	0.00E+00	2.91E+00	5.44E-06	1.09E-03	4.29E-03	0.00E+00	-5.31E-04	5.13E-10	1.51E-08	1.87E-02	8.28E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	3.96E+00	0.00E+00	3.19E-08	1.63E-08	1.23E-03	1.99E-07	4.09E-01	0.00E+00	3.96E+00	4.01E-07	3.96E+00	4.35E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.34E+01
NDN300N	2.67E-03	5.58E-01	1.76E-02	5.34E-01	2.87E-12	0.00E+00	2.90E+00	5.56E-06	1.07E-03	5.10E-03	0.00E+00	-4.39E-04	5.61E-10	1.27E-08	1.93E-02	8.22E-01	0.00E+00	0.00E+00	2.32E+00	5.61E-03	4.24E+00	0.00E+00	3.44E-08	1.66E-08	1.30E-03	1.82E-07	4.07E-01	0.00E+00	4.24E+00	6.20E-07	4.24E+00	4.62E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
NDN301	2.77E-03	4.81E-01	2.76E-02	4.67E-01	2.87E-12	0.00E+00	2.89E+00	5.43E-06	8.68E-04	4.29E-03	0.00E+00	-5.32E-04	5.12E-10	1.38E-08	1.87E-02	8.23E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	3.95E+00	0.00E+00	3.18E-08	1.63E-08	1.22E-03	2.00E-07	4.07E-01	0.00E+00	3.95E+00	4.00E-07	3.95E+00	4.35E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.30E+01
NDN301A	2.44E-03	5.17E-01	1.71E-02	5.03E-01	2.87E-12	0.00E+00	2.80E+00	5.34E-06	8.85E-04	4.33E-03	0.00E+00	-4.99E-04	5.13E-10	1.24E-08	1.86E-02	8.09E-01	0.00E+00	0.00E+00	2.25E+00	3.92E-03	3.95E+00	0.00E+00	3.21E-08	1.65E-08	1.24E-03	1.64E-07	3.99E-01	0.00E+00	3.95E+00	7.53E-07	3.95E+00	4.35E+00	3.99E-01	0.00E+00	0.00E+00	0.00E+00	8.10E+01
NDN301N	2.64E-03	5.56E-01	1.76E-02	5.31E-01	2.87E-12	0.00E+00	2.87E+00	5.53E-06	8.61E-04	5.09E-03	0.00E+00	-4.23E-04	5.49E-10	1.19E-08	1.91E-02	8.22E-01	0.00E+00	0.00E+00	2.30E+00	5.58E-03	4.19E+00	0.00E+00	3.40E-08	1.67E-08	1.28E-03	1.82E-07	4.04E-01	0.00E+00	4.19E+00	6.17E-07	4.19E+00	4.57E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
NDN302	2.90E-03	5.11E-01	2.77E-02	4.92E-01	2.87E-12	0.00E+00	2.93E+00	5.53E-06	1.37E-03	4.32E-03	0.00E+00	-5.31E-04	5.24E-10	1.61E-08	1.89E-02	8.32E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	4.02E+00	0.00E+00	3.24E-08	1.64E-08	1.23E-03	1.98E-07	4.10E-01	0.00E+00	4.02E+00	3.97E-07	4.02E+00	4.42E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.37E+01
NDN302A	3.09E-03	5.12E-01	2.83E-02	4.94E-01	2.87E-12	0.00E+00	2.99E+00	5.66E-06	1.41E-03	4.33E-03	0.00E+00	-5.22E-04	5.57E-10	1.68E-08	1.93E-02	8.50E-01	0.00E+00	0.00E+00	2.37E+00	7.07E-03	4.14E+00	0.00E+00	3.33E-08	1.71E-08	1.24E-03	1.96E-07	4.18E-01	0.00E+00	4.14E+00	3.98E-07	4.14E+00	4.54E+00	4.18E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
NDN302N	2.67E-03	5.56E-01	1.76E-02	5.31E-01	2.87E-12	0.00E+00	2.87E+00	5.54E-06	1.21E-03	5.09E-03	0.00E+00	-4.21E-04	5.51E-10	1.35E-08	1.92E-02	8.21E-01	0.00E+00	0.00E+00	2.31E+00	5.57E-03	4.20E+00	0.00E+00	3.40E-08	1.66E-08	1.28E-03	1.81E-07	4.05E-01	0.00E+00	4.20E+00	6.19E-07	4.20E+00	4.58E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
NDN303	2.84E-03	4.79E-01	2.75E-02	4.65E-01	2.87E-12	0.00E+00	2.88E+00	5.39E-06	1.39E-03	4.28E-03	0.00E+00	-5.31E-04	5.06E-10	1.63E-08	1.86E-02	8.02E-01	0.00E+00	0.00E+00	2.29E+00	7.17E-03	3.93E+00	0.00E+00	3.14E-08	1.61E-08	1.20E-03	1.99E-07	4.02E-01	0.00E+00	3.93E+00	4.01E-07	3.93E+00	4.32E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	8.21E+01
NDN303N	2.69E-03	5.56E-01	1.76E-02	5.31E-01	2.87E-12	0.00E+00	2.87E+00	5.53E-06	1.24E-03	5.09E-03	0.00E+00	-4.21E-04	5.54E-10	1.38E-08	1.92E-02	8.27E-01	0.00E+00	0.00E+00	2.31E+00	5.57E-03	4.20E+00	0.00E+00	3.40E-08	1.66E-08	1.28E-03	1.81E-07	4.06E-01	0.00E+00	4.20E+00	6.19E-07	4.20E+00	4.58E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	8.09E+01
NDN304	3.20E-03	5.09E-01	2.80E-02	4.91E-01	2.87E-12	0.00E+00	2.95E+00	5.67E-06	1.55E-03	4.31E-03	0.00E+00	-5.28E-04	5.62E-10	1.81E-08	1.94E-02	8.62E-01	0.00E+00	0.00E+00	2.35E+00	7.24E-03	4.14E+00	0.00E+00	3.35E-08	1.70E-08	1.24E-03	2.03E-07	4.11E-01	0.00E+00	4.14E+00	3.98E-07	4.14E+00	4.55E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
NDN304A	3.03E-03	5.10E-01	2.85E-02	4.93E-01	2.87E-12	0.00E+00	2.98E+00	5.61E-06	1.68E-03	4.31E-03	0.00E+00	-5.20E-04	5.31E-10	1.91E-08	1.90E-02	8.43E-01	0.00E+00	0.00E+00	2.37E+00	7.12E-03	4.01E+00	0.00E+00	3.23E-08	1.66E-08	1.24E-03	2.01E-07	4.12E-01	0.00E+00	4.01E+00	3.98E-07	4.01E+00	4.43E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
NDN304N	3.04E-03	5.56E-01	1.79E-02	5.31E-01	2.87E-12	0.00E+00	2.88E+00	5.59E-06	1.38E-03	5.09E-03	0.00E+00	-4.16E-04	5.57E-10	1.68E-08	1.93E-02	8.32E-01	0.00E+00	0.00E+00	2.32E+00	5.60E-03	4.19E+00	0.00E+00	3.41E-08	1.68E-08	1.28E-03	1.83E-07	4.03E-01	0.00E+00	4.19E+00	6.23E-07	4.19E+00	4.59E+00	4.03E-01	0.00E+00	0.00E+00	0.00E+00	8.15E+01

NDN304P	3.07E-03	5.37E-01	1.81E-02	5.16E-01	2.87E-12	0.00E+00	3.00E+00	6.04E-06	1.59E-03	5.00E-03	0.00E+00	-5.32E-04	5.62E-10	1.83E-08	1.97E-02	8.35E-01	0.00E+00	0.00E+00	2.33E+00	6.65E-03	4.37E+00	0.00E+00	3.62E-08	1.73E-08	1.29E-03	2.05E-07	4.13E-01	0.00E+00	4.37E+00	7.59E-07	4.37E+00	4.89E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
NDN306	2.72E-03	4.87E-01	2.57E-02	4.71E-01	2.87E-12	0.00E+00	2.85E+00	5.24E-06	9.86E-04	4.27E-03	0.00E+00	-4.85E-04	4.96E-10	1.44E-08	1.80E-02	7.31E-01	0.00E+00	0.00E+00	2.20E+00	6.28E-03	3.86E+00	0.00E+00	3.12E-08	1.57E-08	1.17E-03	1.89E-07	3.92E-01	0.00E+00	3.86E+00	3.30E-07	3.86E+00	4.25E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
NDN306A	2.75E-03	4.87E-01	2.60E-02	4.75E-01	2.87E-12	0.00E+00	2.90E+00	5.28E-06	9.81E-04	4.28E-03	0.00E+00	-4.73E-04	5.02E-10	1.49E-08	1.81E-02	7.31E-01	0.00E+00	0.00E+00	2.21E+00	6.15E-03	3.87E+00	0.00E+00	3.12E-08	1.59E-08	1.18E-03	1.87E-07	3.95E-01	0.00E+00	3.87E+00	3.38E-07	3.87E+00	4.27E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	7.88E+01
NDN306N	2.46E-03	4.91E-01	1.76E-02	4.71E-01	2.87E-12	0.00E+00	2.83E+00	5.33E-06	1.07E-03	4.35E-03	0.00E+00	-4.26E-04	5.10E-10	1.24E-08	1.85E-02	8.14E-01	0.00E+00	0.00E+00	2.29E+00	5.59E-03	3.94E+00	0.00E+00	3.18E-08	1.62E-08	1.22E-03	1.82E-07	3.97E-01	0.00E+00	3.94E+00	6.07E-07	3.94E+00	4.33E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	8.01E+01
NDN306P	2.30E-03	4.75E-01	1.78E-02	4.52E-01	2.87E-12	0.00E+00	2.94E+00	5.74E-06	9.39E-04	4.23E-03	0.00E+00	-5.00E-04	5.07E-10	1.23E-08	1.88E-02	7.90E-01	0.00E+00	0.00E+00	2.24E+00	6.58E-03	4.10E+00	0.00E+00	3.39E-08	1.69E-08	1.21E-03	2.00E-07	3.98E-01	0.00E+00	4.10E+00	7.45E-07	4.10E+00	4.61E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
NDN310	2.70E-03	4.89E-01	1.47E-02	4.69E-01	2.87E-12	0.00E+00	2.84E+00	5.24E-06	1.31E-03	4.30E-03	0.00E+00	-4.92E-04	4.95E-10	1.51E-08	1.80E-02	7.47E-01	0.00E+00	0.00E+00	2.20E+00	6.44E-03	3.87E+00	0.00E+00	3.11E-08	1.57E-08	1.14E-03	2.00E-07	3.93E-01	0.00E+00	3.87E+00	7.37E-07	3.87E+00	4.26E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.85E+01
NDN310A	2.70E-03	4.89E-01	1.48E-02	4.72E-01	2.87E-12	0.00E+00	2.84E+00	5.23E-06	1.31E-03	4.29E-03	0.00E+00	-4.72E-04	4.95E-10	1.51E-08	1.81E-02	7.47E-01	0.00E+00	0.00E+00	2.20E+00	6.29E-03	3.87E+00	0.00E+00	3.11E-08	1.57E-08	1.14E-03	1.97E-07	3.93E-01	0.00E+00	3.87E+00	7.39E-07	3.87E+00	4.27E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.85E+01
NDN310N	2.53E-03	4.73E-01	1.73E-02	4.69E-01	2.87E-12	0.00E+00	3.35E+00	5.58E-06	1.18E-03	4.35E-03	0.00E+00	-4.50E-04	5.24E-10	1.36E-08	1.97E-02	8.15E-01	0.00E+00	0.00E+00	2.34E+00	6.56E-03	4.24E+00	0.00E+00	3.38E-08	1.60E-08	1.23E-03	1.72E-07	4.08E-01	0.00E+00	4.24E+00	6.35E-07	4.24E+00	4.51E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NDN310P	2.23E-03	4.72E-01	2.53E-02	4.46E-01	2.87E-12	0.00E+00	2.90E+00	5.71E-06	1.10E-03	4.08E-03	0.00E+00	-3.29E-04	4.89E-10	1.24E-08	1.83E-02	6.67E-01	0.00E+00	0.00E+00	2.21E+00	3.83E-03	4.00E+00	0.00E+00	3.30E-08	1.61E-08	1.12E-03	1.42E-07	3.89E-01	0.00E+00	4.00E+00	3.29E-07	4.00E+00	4.50E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	7.75E+01
NDN313	2.75E-03	4.87E-01	1.47E-02	4.70E-01	2.87E-12	0.00E+00	2.84E+00	5.24E-06	1.32E-03	4.28E-03	0.00E+00	-4.91E-04	4.99E-10	1.51E-08	1.80E-02	7.52E-01	0.00E+00	0.00E+00	2.22E+00	6.41E-03	3.87E+00	0.00E+00	3.11E-08	1.56E-08	1.17E-03	1.96E-07	3.94E-01	0.00E+00	3.87E+00	7.38E-07	3.87E+00	4.26E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	7.89E+01
NDN316	2.91E-03	4.88E-01	1.56E-02	4.68E-01	2.87E-12	0.00E+00	2.88E+00	5.33E-06	1.46E-03	4.34E-03	0.00E+00	-5.28E-04	5.26E-10	1.71E-08	1.84E-02	7.53E-01	0.00E+00	0.00E+00	2.23E+00	6.55E-03	3.94E+00	0.00E+00	3.15E-08	1.58E-08	1.18E-03	2.06E-07	3.95E-01	0.00E+00	3.94E+00	7.48E-07	3.94E+00	4.33E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	8.00E+01
NDN316A	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.13E+01
NDN316N	5.00E-03	1.11E+00	5.78E-02	1.05E+00	2.87E-12	0.00E+00	6.53E+00	1.24E-05	2.61E-03	9.93E-03	0.00E+00	-5.74E-04	1.32E-09	2.97E-08	4.19E-02	2.09E+00	1.83E-06	8.31E-06	4.87E+00	7.37E-03	8.32E+00	0.00E+00	6.89E-08	3.50E-08	2.85E-03	2.86E-07	8.87E-01	0.00E+00	8.32E+00	1.26E-06	8.32E+00	8.97E+00	8.87E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+02
NDN316P	2.80E-03	4.73E-01	2.58E-02	4.46E-01	2.87E-12	0.00E+00	2.92E+00	5.76E-06	1.28E-03	4.13E-03	0.00E+00	-3.32E-04	5.05E-10	1.56E-08	1.85E-02	7.47E-01	0.00E+00	0.00E+00	2.27E+00	3.90E-03	4.06E+00	0.00E+00	3.32E-08	1.62E-08	1.18E-03	1.42E-07	3.97E-01	0.00E+00	4.06E+00	3.29E-07	4.06E+00	4.55E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
NDN320	3.01E-03	4.93E-01	1.74E-02	4.71E-01	2.87E-12	0.00E+00	2.94E+00	5.50E-06	1.53E-03	4.44E-03	0.00E+00	-5.51E-04	5.30E-10	1.79E-08	1.90E-02	8.34E-01	0.00E+00	0.00E+00	2.37E+00	7.55E-03	4.01E+00	0.00E+00	3.21E-08	1.62E-08	1.22E-03	2.18E-07	4.16E-01	0.00E+00	4.01E+00	7.52E-07	4.01E+00	4.43E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	8.50E+01
NDN320A	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN320N	3.00E-03	5.49E-01	1.77E-02	5.33E-01	2.87E-12	0.00E+00	3.44E+00	5.84E-06	1.46E-03	4.77E-03	0.00E+00	-4.78E-04	5.65E-10	1.77E-08	2.06E-02	8.60E-01	0.00E+00	0.00E+00	2.43E+00	6.84E-03	4.59E+00	0.00E+00	3.70E-08	1.71E-08	1.30E-03	1.80E-07	4.32E-01	0.00E+00	4.59E+00	6.47E-07	4.59E+00	4.80E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	8.78E+01
NDN320P	2.92E-03	4.75E-01	1.68E-02	4.50E-01	2.87E-12	0.00E+00	2.95E+00	5.85E-06	1.31E-03	4.25E-03	0.00E+00	-3.61E-04	5.26E-10	1.67E-08	1.92E-02	8.25E-01	0.00E+00	0.00E+00	2.32E+00	4.68E-03	4.19E+00	0.00E+00	3.46E-08	1.73E-08	1.23E-03	1.63E-07	4.12E-01	0.00E+00	4.19E+00	7.45E-07	4.19E+00	4.72E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+01
NDN325	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.38E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.78E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN325A	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.38E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.78E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN325N	3.19E-03	5.48E-01	1.87E-02	5.35E-01	2.87E-12	0.00E+00	3.48E+00	5.89E-06	1.64E-03	4.78E-03	0.00E+00	-4.79E-04	5.77E-10	1.93E-08	2.07E-02	9.18E-01	0.00E+00	0.00E+00	2.60E+00	6.88E-03	4.60E+00	0.00E+00	3.71E-08	1.84E-08	1.38E-03	1.81E-07	4.57E-01	0.00E+00	4.60E+00	7.60E-07	4.60E+00	4.82E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	9.56E+01
NDN325P	3.11E-03	5.04E-01	1.77E-02	4.83E-01	2.87E-12	0.00E+00	2.98E+00	5.89E-06	1.58E-03	4.28E-03	0.00E+00	-3.61E-04	5.44E-10	1.88E-08	1.93E-02	8.91E-01	0.00E+00	0.00E+00	2.50E+00	4.68E-03	4.20E+00	0.00E+00	3.47E-08	1.83E-08	1.23E-03	1.64E-07	4.41E-01	0.00E+00	4.20E+00	7.44E-07	4.20E+00	4.73E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	9.19E+01
NDN332	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.22E-06	2.56E-03	5.17E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.93E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN332A	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.22E-06	2.56E-03	5.17E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.93E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN332N	4.64E-03	5.67E-01	2.04E-02	5.42E-01	2.87E-12	0.00E+00	3.27E+00	5.91E-06	2.58E-03	5.16E-03	0.00E+00	-4.44E-04	6.03E-10	2.92E-08	2.08E-02	1.05E+00	0.00E+00	0.00E+00	2.69E+00	5.66E-03	4.40E+00	0.00E+00	3.55E-08	1.92E-08	1.43E-03	1.88E-07	4.81E-01	0.00E+00	4.40E+00	6.17E-07	4.40E+00	4.86E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
NDN332P	4.68E-03	5.47E-01	2.03E-02	5.23E-01	2.87E-12	0.00E+00	3.39E+00	6.36E-06	2.64E-03	5.03E-03	0.00E+00	-5.75E-04	5.94E-10	3.04E-08	2.14E-02	1.07E+00	0.00E+00	0.00E+00	2.75E+00	6.69E-03	4.49E+00	0.00E+00	3.70E-08	2.01E-08	1.44E-03	2.17E-07	4.88E-01	0.00E+00	4.49E+00	7.50E-07	4.49E+00	5.07E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN340	3.47E-03	5.64E-01	2.93E-02	5.43E-01	2.87E-12	0.00E+00	3.05E+00	5.83E-06	1.83E-03	5.10E-03	0.00E+00	-6.47E-04	6.23E-10	2.05E-08	1.99E-02	9.30E-01	0.00E+00	0.00E+00	2.64E+00	7.49E-03	4.32E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.23E-07	4.69E-01	0.00E+00	4.32E+00	3.27E-07	4.32E+00	4.75E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.70E+01
NDN340A	5.48E-03	5.99E-01	2.26E-02	5.76E-01	0.00E+00	0.00E+00	3.55E+00	6.49E-06	3.31E-03	5.34E-03	0.00E+00	-5.70E-04	6.88E-10	3.61E-08	2.19E-02	1.20E+00	0.00E+00	0.00E+00	3.03E+00	7.58E-03	4.83E+00	0.00E+00	3.89E-08	2.13E-08	1.55E-03	2.28E-07	5.35E-01	0.00E+00	4.83E+00	7.15E-07	4.83E+00	5.36E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NDN340N	3.35E-03	5.64E-01	1.91E-02	5.42E-01	2.87E-12	0.00E+00	3.23E+00	5.88E-06	1.67E-03	5.15E-03	0.00E+00	-4.42E-04	5.92E-10	1.99E-08	2.07E-02	9.04E-01	0.00E+00	0.00E+00	2.59E+00	5.66E-03	4.32E+00	0.00E+00	3.48E-08	1.83E-08	1.41E-03	1.86E-07	4.52E-01	0.00E+00	4.32E+00	6.20E-07	4.32E+00	4.75E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.24E+01
NDN340P	3.29E-03	5.49E-01	1.91E-02	5.30E-01	2.87E-12	0.00E+00	3.35E+00	6.37E-06	1.73E-03	5.04E-03	0.00E+00	-5.67E-04	5.84E-10	1.99E-08	2.16E-02	9.00E-01	0.00E+00	0.00E+00	2.60E+00	6.69E-03	4.51E+00	0.00E+00	3.71E-08	1.92E-08	1.40E-03	2.08E-07	4.59E-01	0.00E+00	4.51E+00	7.58E-07	4.51E+00	5.04E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
NDN350	4.87E-03	5.69E-01	3.08E-02	5.45E-01	2.87E-12	0.00E+00	3.23E+00	5.88E-06	2.85E-03	5.13E-03	0.00E+00	-6.42E-04	6.43E-10	3.14E-08	2.01E-02	1.14E+00	0.00E+00	0.00E+00	2.89E+00	7.57E-03	4.43E+00	0.00E+00	3.58E-08	2.05E-08	1.49E-03	2.32E-07	5.12E-01	0.00E+00	4.43E+00	3.26E-07	4.43E+00	4.92E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NDN350A	5.66E-03	6.03E-01	2.29E-02	5.80E-01	0.00E+00	0.00E+00	3.61E+00	6.58E-06	3.44E-03	5.39E-03	0.00E+00	-5.70E-04	6.93E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	7.58E-03	4.89E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.28E-07	5.45E-01	0.00E+00	4.89E+00	7.09E-07	4.89E+00	5.43E+00	5.45E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NDN350N	4.70E-03	5.74E-01	2.18E-02	5.51E-01	2.87E-12	0.00E+00	3.32E+00	5.97E-06	2.65E-03	5.21E-03	0.00E+00	-4.52E-04	6.11E-10	2.96E-08	2.10E-02	1.07E+00	0.00E+00	0.00E+00	2.76E+00	5.76E-03	4.49E+00	0.00E+00	3.62E-08	1.98E-08	1.45E-03	1.93E-07	4.91E-01	0.00E+00	4.49E+00	6.25E-07	4.49E+00	4.94E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
NDN350P	4.76E-03	5.54E-01	2.19E-02	5.34E-01	2.87E-12	0.00E+00	3.45E+00	6.42E-06	2.71E-03	5.09E-03	0.00E+00	-5.73E-04	6.01E-10	3.10E-08	2.17E-02	1.09E+00	0.00E+00	0.00E+00	2.81E+00	6.78E-03	4.58E+00	0.00E+00	3.78E-08	2.07E-08	1.45E-03	2.27E-07	4.96E-01	0.00E+00	4.58E+00	7.53E-07	4.58E+00	5.15E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NDN363	5.71E-03	6.08E-01	2.32E-02	5.85E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.52E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NDN363A	5.71E-03	6.08E-01	2.32E-02	5.85E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.52E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NDN363N	4.71E-03	5.73E-01	2.18E-02	5.52E-01	2.87E-12	0.00E+00	3.32E+00	5.97E-06	2.65E-03	5.21E-03	0.00E+00	-4.53E-04	6.13E-10	2.98E-08	2.11E-02	1.10E+00	0.00E+00	0.00E+00	2.76E+00	5.81E-03	4.49E+00	0.00E+00	3.62E-08	1.98E-08	1.46E-03	1.96E-07	4.91E-01	0.00E+00	4.49E+00	6.26E-07	4.49E+00	4.95E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
NDN363P	4.72E-03	5.53E-01	2.11E-02	5.28E-01	2.87E-12	0.00E+00	3.44E+00	6.49E-06	2.70E-03	5.07E-03	0.00E+00	-5.79E-04	6.16E-10	3.10E-08	2.18E-02	1.11E+00	0.00E+00	0.00E+00	2.85E+00	6.81E-03	4.58E+00	0.00E+00	3.76E-08	2.07E-08	1.46E-03	2.25E-07	5.02E-01	0.00E+00	4.58E+00	7.49E-07	4.58E+00	5.16E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NDN400	4.91E-03	6.68E-01	3.06E-02	6.39E-01	2.87E-12	0.00E+00	4.32E+00	8.03E-06	1.79E-03	5.50E-03	0.00E+00	-6.79E-04	8.10E-10	2.29E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.50E+00	8.62E-03	5.86E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.48E-07	6.24E-01	0.00E+00	5.86E+00	4.07E-07	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN400N	4.87E-03	8.73E-01	2.76E-02	8.44E-01	2.87E-12	0.00E+00	4.59E+00	8.71E-06	1.72E-03	7.60E-03	0.00E+00	-4.94E-04	8.27E-10	2.17E-08	2.78E-02	1.31E+00	0.00E+00	0.00E+00	3.61E+00	6.02E-03	6.13E+00	0.00E+00	4.71E-08	2.55E-08	2.51E-03	1.98E-07	6.48E-01	0.00E+00	6.13E+00	9.90E-07	6.13E+00	6.78E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN401	4.90E-03	6.68E-01	2.49E-02	6.41E-01	2.87E-12	0.00E+00	4.32E+00	8.03E-06	1.21E-03	5.50E-03	0.00E+00	-6.77E-04	8.10E-10	2.13E-08	2.71E-02	1.23E+00	0.00E+00	0.00E+00	3.50E+00	8.63E-03	5.86E+00	0.00E+00	4.65E-08	2.40E-08	1.50E-03	2.51E-07	6.24E-01	0.00E+00	5.86E+00	1.19E-06	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN401N	4.86E-03	8.67E-01	2.75E-02	8.39E-01	2.87E-12	0.00E+00	4.58E+00	8.71E-06	1.22E-03	7.55E-03	0.00E+00	-4.94E-04	8.23E-10	2.07E-08	2.77E-02	1.31E+00	0.00E+00	0.00E+00	3.61E+00	6.02E-03	6.04E+00	0.00E+00	4.71E-08	2.54E-08	2.50E-03	1.99E-07	6.46E-01	0.00E+00	6.04E+00	9.88E-07	6.04E+00	6.68E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN402	5.15E-03	6.57E-01	3.05E-02	6.27E-01	2.87E-12	0.00E+00	4.34E+00	8.05E-06	2.81E-03	5.48E-03	0.00E+00	-6.83E-04	8.08E-10	3.20E-08	2.71E-02	1.24E+00	0.00E+00	0.00E+00	3.50E+00	8.67E-03	5.86E+00	0.00E+00	4.65E-08	2.41E-08	1.49E-03	2.54E-07	6.24E-01	0.00E+00	5.86E+00	3.98E-07	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN402A	5.14E-03	7.76E-01	2.51E-02	7.51E-01	2.87E-12	0.00E+00	4.32E+00	8.03E-06	2.82E-03	6.95E-03	0.00E+00	-6.87E-04	8.13E-10	3.20E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.49E+00	8.73E-03	5.89E+00	0.00E+00	4.66E-08	2.52E-08	2.02E-03	2.74E-07	6.22E-01	0.00E+00	5.89E+00	1.21E-06	5.89E+00	6.50E+00	6.22E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN402N	5.11E-03	8.67E-01	2.76E-02	8.39E-01	2.87E-12	0.00E+00	4.58E+00	8.71E-06	2.76E-03	7.55E-03	0.00E+00	-4.94E-04	8.23E-10	3.09E-08	2.77E-02	1.31E+00	0.00E+00	0.00E+00	3.61E+00	6.06E-03	6.04E+00	0.00E+00	4.71E-08	2.54E-08	2.50E-03	2.02E-07	6.46E-01	0.00E+00	6.04E+00	9.94E-07	6.04E+00	6.68E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN403	5.20E-03	6.57E-01	3.06E-02	6.28E-01	2.87E-12	0.00E+00	4.35E+00	8.07E-06	2.90E-03	5.50E-03	0.00E+00	-6.82E-04	8.08E-10	3.26E-08	2.71E-02	1.25E+00	0.00E+00	0.00E+00	3.54E+00	8.67E-03	5.88E+00	0.00E+00	4.66E-08	2.43E-08	1.60E-03	2.54E-07	6.27E-01	0.00E+00	5.88E+00	3.98E-07	5.88E+00	6.49E+00	6.27E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NDN403N	5.18E-03	8.67E-01	2.76E-02	8.39E-01	2.87E-12	0.00E+00	4.58E+00	8.71E-06	2.85E-03	7.55E-03	0.00E+00	-4.94E-04	8.23E-10	3.21E-08	2.77E-02	1.31E+00	0.00E+00	0.00E+00	3.61E+00	6.06E-03	6.04E+00	0.00E+00	4.71E-08	2.54E-08	2.50E-03	2.02E-07	6.46E-01	0.00E+00	6.04E+00	9.94E-07	6.04E+00	6.68E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN404	5.33E-03	6.57E-01	3.08E-02	6.28E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	2.99E-03	5.50E-03	0.00E+00	-6.85E-04	8.08E-10	3.42E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.50E+00	8.69E-03	5.86E+00	0.00E+00	4.65E-08	2.42E-08	1.65E-03	2.62E-07	6.24E-01	0.00E+00	5.86E+00	3.99E-07	5.86E+00	6.48E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN404A	5.50E-03	7.75E-01	2.54E-02	7.49E-01	2.87E-12	0.00E+00	4.31E+00	8.02E-06	3.12E-03	6.93E-03	0.00E+00	-6.88E-04	8.12E-10	3.58E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.50E+00	8.74E-03	5.87E+00	0.00E+00	4.65E-08	2.51E-08	2.02E-03	2.77E-07	6.23E-01	0.00E+00	5.87E+00	1.23E-06	5.87E+00	6.48E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN404N	5.55E-03	8.67E-01	2.79E-02	8.39E-01	2.87E-12	0.00E+00	4.58E+00	8.70E-06	3.17E-03	7.55E-03	0.00E+00	-4.95E-04	8.23E-10	3.55E-08	2.77E-02	1.33E+00	0.00E+00	0.00E+00	3.61E+00	6.06E-03	6.04E+00	0.00E+00	4.71E-08	2.54E-08	2.50E-03	2.06E-07	6.46E-01	0.00E+00	6.04E+00	9.99E-07	6.04E+00	6.68E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN406	4.89E-03	6.11E-01	2.94E-02	5.85E-01	2.87E-12	0.00E+00	3.50E+00	6.53E-06	1.21E-03	5.03E-03	0.00E+00	-6.71E-04	6.32E-10	2.14E-08	2.26E-02	9.54E-01	0.00E+00	0.00E+00	2.63E+00	8.37E-03	4.76E+00	0.00E+00	3.77E-08	1.81E-08	1.37E-03	2.41E-07	4.67E-01	0.00E+00	4.76E+00	3.57E-07	4.76E+00	5.16E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	9.43E+01
NDN406A	4.90E-03	6.30E-01	2.16E-02	6.00E-01	2.87E-12	0.00E+00	3.69E+00	6.93E-06	1.22E-03	5.15E-03	0.00E+00	-6.75E-04	6.75E-10	2.14E-08	2.37E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.29E-03	5.03E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.45E-07	5.01E-01	0.00E+00	5.03E+00	9.43E-07	5.03E+00	5.47E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NDN406N	4.87E-03	6.55E-01	2.74E-02	6.38E-01	2.87E-12	0.00E+00	4.60E+00	8.71E-06	1.23E-03	5.91E-03	0.00E+00	-4.94E-04	8.20E-10	2.07E-08	2.78E-02	1.24E+00	0.00E+00	0.00E+00	3.61E+00	6.01E-03	6.03E+00	0.00E+00	4.71E-08	2.44E-08	1.49E-03	1.97E-07	6.44E-01	0.00E+00	6.03E+00	9.90E-07	6.03E+00	6.67E+00	6.44E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NDN406P	4.78E-03	6.30E-01	2.69E-02	6.05E-01	2.87E-12	0.00E+00	4.44E+00	8.01E-06	1.17E-03	5.90E-03	0.00E+00	-6.74E-04	8.09E-10	2.06E-08	2.78E-02	1.22E+00	0.00E+00	0.00E+00	3.52E+00	7.28E-03	5.92E+00	0.00E+00	4.66E-08	2.42E-08	1.48E-03	2.25E-07	6.30E-01	0.00E+00	5.92E+00	9.50E-07	5.92E+00	6.54E+00	6.30E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN410	3.59E-03	6.11E-01	1.91E-02	6.00E-01	2.87E-12	0.00E+00	3.56E+00	6.91E-06	1.84E-03	5.39E-03	0.00E+00	-6.16E-04	5.83E-10	2.06E-08	2.25E-02	8.81E-01	0.00E+00	0.00E+00	2.56E+00	4.73E-03	4.72E+00	0.00E+00	3.84E-08	1.79E-08	1.34E-03	1.81E-07	4.60E-01	0.00E+00	4.72E+00	9.52E-07	4.72E+00	5.09E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	9.12E+01
NDN410A	3.66E-03	6.14E-01	1.91E-02	6.03E-01	2.87E-12	0.00E+00	3.44E+00	6.52E-06	1.85E-03	5.35E-03	0.00E+00	-6.26E-04	5.99E-10	2.09E-08	2.22E-02	9.01E-01	0.00E+00	0.00E+00	2.48E+00	8.53E-03	4.67E+00	0.00E+00	3.70E-08	1.73E-08	1.34E-03	2.66E-07	4.43E-01	0.00E+00	4.67E+00	9.52E-07	4.67E+00	5.04E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	8.90E+01
NDN410N	5.04E-03	6.35E-01	2.74E-02	6.13E-01	2.87E-12	0.00E+00	5.02E+00	8.76E-06	2.64E-03	5.44E-03	0.00E+00	-5.80E-04	8.23E-10	2.97E-08	2.81E-02	1.36E+00	0.00E+00	0.00E+00	3.69E+00	7.51E-03	6.16E+00	0.00E+00	4.97E-08	2.54E-08	1.49E-03	1.92E-07	6.54E-01	0.00E+00	6.16E+00	8.65E-07	6.16E+00	6.72E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NDN410P	3.43E-03	5.84E-01	1.86E-02	5.70E-01	2.87E-12	0.00E+00	3.45E+00	6.74E-06	1.61E-03	5.23E-03	0.00E+00	-4.24E-04	5.90E-10	1.76E-08	2.26E-02	8.96E-01	0.00E+00	0.00E+00	2.50E+00	5.00E-03	4.78E+00	0.00E+00	3.83E-08	1.76E-08	1.32E-03	1.86E-07	4.40E-01	0.00E+00	4.78E+00	9.53E-07	4.78E+00	5.25E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.98E+01
NDN413	5.15E-03	6.19E-01	2.11E-02	6.03E-01	2.87E-12	0.00E+00	3.56E+00	6.61E-06	2.85E-03	5.62E-03	0.00E+00	-6.91E-04	6.36E-10	3.17E-08	2.27E-02	1.01E+00	0.00E+00	0.00E+00	2.81E+00	8.59E-03	4.91E+00	0.00E+00	3.90E-08	1.96E-08	1.47E-03	2.65E-07	4.95E-01	0.00E+00	4.91E+00	9.34E-07	4.91E+00	5.38E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NDN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.34E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NDN416A	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.34E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NDN416N	5.37E-03	6.66E-01	2.76E-02	6.39E-01	2.87E-12	0.00E+00	4.99E+00	8.75E-06	2.99E-03	5.51E-03	0.00E+00	-5.79E-04	8.26E-10	3.42E-08	2.81E-02	1.40E+00	0.00E+00	0.00E+00	3.69E+00	7.52E-03	6.16E+00	0.00E+00	4.97E-08	2.55E-08	1.67E-03	2.01E-07	6.55E-01	0.00E+00	6.16E+00	8.68E-07	6.16E+00	6.72E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NDN416P	5.19E-03	6.07E-01	2.21E-02	5.83E-01	2.87E-12	0.00E+00	3.78E+00	7.13E-06	2.86E-03	5.59E-03	0.00E+00	-4.47E-04	6.94E-10	3.23E-08	2.42E-02	1.08E+00	0.00E+00	0.00E+00	3.03E+00	5.00E-03	5.26E+00	0.00E+00	4.21E-08	2.16E-08	1.52E-03	1.84E-07	5.34E-01	0.00E+00	5.26E+00	9.81E-07	5.26E+00	5.86E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
NDN420	5.33E-03	6.70E-01	2.54E-02	6.42E-01	2.87E-12	0.00E+00	4.34E+00	8.04E-06	2.99E-03	6.02E-03	0.00E+00	-6.96E-04	8.08E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.50E+00	8.93E-03	5.85E+00	0.00E+00	4.64E-08	2.42E-08	1.66E-03	2.80E-07	6.19E-01	0.00E+00	5.85E+00	9.71E-07	5.85E+00	6.46E+00	6.19E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN420A	5.33E-03	6.73E-01	2.54E-02	6.48E-01	2.87E-12	0.00E+00	4.33E+00	8.05E-06	2.99E-03	6.03E-03	0.00E+00	-6.93E-04	8.08E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.49E+00	8.87E-03	5.84E+00	0.00E+00	4.64E-08	2.42E-08	1.66E-03	2.80E-07	6.15E-01	0.00E+00	5.84E+00	9.91E-07	5.84E+00	6.45E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN420N	5.60E-03	9.09E-01	2.79E-02	8.84E-01	2.87E-12	0.00E+00	5.00E+00	8.75E-06	3.19E-03	8.08E-03	0.00E+00	-5.98E-04	8.30E-10	3.61E-08	2.83E-02	1.47E+00	0.00E+00	0.00E+00	3.70E+00	7.49E-03	6.35E+00	0.00E+00	5.09E-08	2.65E-08	2.58E-03	2.07E-07	6.61E-01	0.00E+00	6.35E+00	8.65E-07	6.35E+00	6.86E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NDN420P	5.20E-03	6.28E-01	2.57E-02	6.05E-01	2.87E-12	0.00E+00	4.36E+00	7.98E-06	2.92E-03	5.92E-03	0.00E+00	-4.48E-04	8.07E-10	3.34E-08	2.75E-02	1.28E+00	0.00E+00	0.00E+00	3.51E+00	5.05E-03	5.93E+00	0.00E+00	4.66E-08	2.42E-08	1.64E-03	1.97E-07	6.32E-01	0.00E+00	5.93E+00	9.91E-07	5.93E+00	6.53E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NDN425	4.82E-03	6.91E-01	2.63E-02	6.64E-01	0.00E+00	0.00E+00	4.23E+00	7.86E-06	2.63E-03	6.09E-03	0.00E+00	-8.57E-04	7.83E-10	3.03E-08	2.66E-02	1.24E+00	0.00E+00	0.00E+00	3.37E+00	1.14E-02	5.65E+00	0.00E+00	4.52E-08	2.33E-08	1.68E-03	3.30E-07	5.94E-01	0.00E+00	5.65E+00	9.24E-07	5.65E+00	6.25E+00	5.94E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
NDN425A	4.88E-03	6.69E-01	2.55E-02	6.40E-01	2.87E-12	0.00E+00	4.33E+00	8.06E-06	2.72E-03	6.02E-03	0.00E+00	-6.98E-04	8.10E-10	3.12E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.51E+00	9.01E-03	5.86E+00	0.00E+00	4.68E-08	2.46E-08	1.66E-03	2.83E-07	6.20E-01	0.00E+00	5.86E+00	9.69E-07	5.86E+00	6.48E+00	6.20E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NDN425N	6.20E-03	9.09E-01	2.81E-02	8.84E-01	2.87E-12	0.00E+00	5.00E+00	8.76E-06	3.70E-03	8.10E-03	0.00E+00	-6.04E-04	8.32E-10	3.90E-08	2.83E-02	1.47E+00	0.00E+00	0.00E+00	3.70E+00	7.56E-03	6.35E+00	0.00E+00	5.09E-08	2.67E-08	2.58E-03	2.10E-07	6.62E-01	0.00E+00	6.35E+00	1.12E-06	6.35E+00	6.87E+00	6.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NDN425P	4.90E-03	6.30E-01	3.10E-02	6.06E-01	2.87E-12	0.00E+00	4.36E+00	7.99E-06	2.76E-03	5.91E-03	0.00E+00	-4.42E-04	8.10E-10	3.12E-08	2.75E-02	1.29E+00	0.00E+00	0.00E+00	3.51E+00	4.89E-03	5.94E+00	0.00E+00	4.67E-08	2.45E-08	1.65E-03	1.88E-07	6.33E-01	0.00E+00	5.94E+00	3.51E-07	5.94E+00	6.55E+00	6.33E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NDN432	6.42E-03	7.82E-01	2.59E-02	7.58E-01	2.87E-12	0.00E+00	4.50E+00	8.42E-06	3.65E-03	7.00E-03	0.00E+00	-6.96E-04	8.43E-10	4.08E-08	2.73E-02	1.46E+00	0.00E+00	0.00E+00	3.82E+00	8.76E-03	6.11E+00	0.00E+00	5.01E-08	2.70E-08	2.05E-03	2.79E-07	6.66E-01	0.00E+00	6.11E+00	9.44E-07	6.11E+00	6.78E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
NDN432A	5.96E-03	7.78E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.88E-03	0.00E+00	-7.42E-04	8.56E-10	3.79E-08	2.84E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.97E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.82E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NDN432N	6.24E-03	8.73E-01	2.84E-02	8.44E-01	2.87E-12	0.00E+00	4.59E+00	8.74E-06	3.72E-03	7.65E-03	0.00E+00	-5.04E-04	8.56E-10	3.78E-08	2.79E-02	1.34E+00	0.00E+00	0.00E+00	3.64E+00	6.05E-03	6.15E+00	0.00E+00	4.76E-08	2.58E-08	2.52E-03	2.14E-07	6.49E-01	0.00E+00	6.15E+00	9.92E-07	6.15E+00	6.80E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
NDN432P	6.06E-03	7.72E-01	2.64E-02	7.39E-01	2.87E-12	0.00E+00	4.43E+00	8.06E-06	3.49E-03	6.96E-03	0.00E+00	-6.84E-04	8.47E-10	3.90E-08	2.78E-02	1.33E+00	0.00E+00	0.00E+00	3.56E+00	7.45E-03	6.10E+00	0.00E+00	4.72E-08	2.56E-08	2.02E-03	2.57E-07	6.38E-01	0.00E+00	6.10E+00	9.70E-07	6.10E+00	6.72E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NDN440	6.44E-03	7.91E-01	3.13E-02	7.64E-01	2.87E-12	0.00E+00	4.54E+00	8.54E-06	3.72E-03	7.07E-03	0.00E+00	-7.51E-04	8.33E-10	4.08E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.82E-03	6.26E+00	0.00E+00	5.04E-08	2.73E-08	2.05E-03	2.86E-07	6.85E-01	0.00E+00	6.26E+00	3.57E-07	6.26E+00	6.94E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NDN440A	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.73E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.92E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.47E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NDN440N	6.24E-03	8.73E-01	2.84E-02	8.44E-01	2.87E-12	0.00E+00	4.59E+00	8.73E-06	3.68E-03	7.64E-03	0.00E+00	-5.05E-04	8.40E-10	3.75E-08	2.79E-02	1.34E+00	0.00E+00	0.00E+00	3.64E+00	6.07E-03	6.15E+00	0.00E+00	4.76E-08	2.58E-08	2.52E-03	2.14E-07	6.49E-01	0.00E+00	6.15E+00	9.92E-07	6.15E+00	6.80E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
NDN440P	6.22E-03	7.73E-01	3.23E-02	7.27E-01	2.87E-12	0.00E+00	4.54E+00	8.03E-06	3.64E-03	7.01E-03	0.00E+00	-6.84E-04	8.97E-10	3.96E-08	2.93E-02	1.36E+00	0.00E+00	0.00E+00	3.57E+00	7.45E-03	6.14E+00	0.00E+00	4.73E-08	2.59E-08	2.00E-03	2.57E-07	6.49E-01	0.00E+00	6.14E+00	9.69E-07	6.14E+00	6.77E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NDN450	6.50E-03	7.98E-01	3.16E-02	7.70E-01	2.87E-12	0.00E+00	4.55E+00	8.59E-06	3.77E-03	7.13E-03	0.00E+00	-7.53E-04	8.53E-10	4.12E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.94E+00	8.88E-03	6.31E+00	0.00E+00	5.09E-08	2.75E-08	2.07E-03	2.85E-07	6.89E-01	0.00E+00	6.31E+00	3.57E-07	6.31E+00	7.00E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NDN450A	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.81E+00	8.76E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.26E-01	0.00E+00	6.50E+00	9.39E-07	6.50E+00	7.23E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NDN450N	6.98E-03	8.74E-01	3.56E-02	8.45E-01	2.87E-12	0.00E+00	4.71E+00	8.77E-06	4.13E-03	7.65E-03	0.00E+00	-5.06E-04	9.78E-10	4.40E-08	3.01E-02	1.46E+00	0.00E+00	0.00E+00	3.68E+00	6.08E-03	6.24E+00	0.00E+00	4.82E-08	2.65E-08	2.52E-03	2.16E-07	6.64E-01	0.00E+00	6.24E+00	9.91E-07	6.24E+00	6.91E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NDN450P	6.44E-03	7.73E-01	3.03E-02	7.39E-01	2.87E-12	0.00E+00	4.56E+00	8.09E-06	3.77E-03	6.97E-03	0.00E+00	-6.86E-04	9.18E-10	4.22E-08	2.97E-02	1.39E+00	0.00E+00	0.00E+00	3.60E+00	7.46E-03	6.17E+00	0.00E+00	4.78E-08	2.61E-08	2.03E-03	2.58E-07	6.53E-01	0.00E+00	6.17E+00	9.66E-07	6.17E+00	6.80E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
NDN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.88E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.60E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.60E+00	9.89E-07	6.60E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NDN463A	7.61E-03	8.11E-01	3.19E-02	7.79E-01	0.00E+00	0.00E+00	4.88E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-8.75E-04	9.78E-10	5.04E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.16E-02	6.60E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.42E-07	7.42E-01	0.00E+00	6.60E+00	9.75E-07	6.60E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02

NDN463N	7.00E-03	8.79E-01	3.56E-02	8.45E-01	2.87E-12	0.00E+00	4.75E+00	8.80E-06	4.15E-03	7.66E-03	0.00E+00	-5.06E-04	9.81E-10	4.43E-08	3.02E-02	1.47E+00	0.00E+00	0.00E+00	3.68E+00	6.08E-03	6.25E+00	0.00E+00	4.83E-08	2.65E-08	2.53E-03	2.18E-07	6.65E-01	0.00E+00	6.25E+00	9.91E-07	6.25E+00	6.92E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
NDN463P	6.59E-03	7.77E-01	3.46E-02	7.28E-01	2.87E-12	0.00E+00	4.59E+00	8.07E-06	3.88E-03	7.03E-03	0.00E+00	-6.85E-04	9.28E-10	4.26E-08	3.01E-02	1.39E+00	0.00E+00	0.00E+00	3.60E+00	7.44E-03	6.17E+00	0.00E+00	4.77E-08	2.61E-08	2.02E-03	2.58E-07	6.53E-01	0.00E+00	6.17E+00	9.63E-07	6.17E+00	6.82E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NEN106	8.79E-04	1.74E-01	5.65E-03	1.68E-01	2.87E-12	0.00E+00	9.67E-01	1.77E-06	3.85E-04	1.52E-03	0.00E+00	-1.87E-04	1.74E-10	4.84E-09	6.20E-03	2.60E-01	0.00E+00	0.00E+00	7.51E-01	2.57E-03	1.33E+00	0.00E+00	1.08E-08	5.38E-09	4.02E-04	7.71E-08	1.34E-01	0.00E+00	1.33E+00	2.51E-07	1.33E+00	1.47E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NEN110	7.92E-04	1.64E-01	5.94E-03	1.58E-01	0.00E+00	0.00E+00	9.29E-01	1.74E-06	3.59E-04	1.42E-03	0.00E+00	-2.43E-04	1.68E-10	4.41E-09	5.96E-03	2.43E-01	0.00E+00	0.00E+00	7.07E-01	3.23E-03	1.27E+00	0.00E+00	1.02E-08	5.00E-09	3.73E-04	9.09E-08	1.25E-01	0.00E+00	1.27E+00	2.29E-07	1.27E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
NEN113	1.04E-03	1.97E-01	7.01E-03	1.80E-01	2.87E-12	0.00E+00	1.05E+00	1.89E-06	5.04E-04	1.68E-03	0.00E+00	-1.97E-04	2.10E-10	5.74E-09	6.87E-03	2.92E-01	0.00E+00	0.00E+00	8.08E-01	2.80E-03	1.42E+00	0.00E+00	1.15E-08	5.83E-09	4.40E-04	7.91E-08	1.44E-01	0.00E+00	1.42E+00	6.17E-07	1.42E+00	1.57E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
NEN116	9.55E-04	1.74E-01	6.30E-03	1.69E-01	2.87E-12	0.00E+00	9.91E-01	1.80E-06	4.36E-04	1.53E-03	0.00E+00	-1.87E-04	2.00E-10	5.31E-09	6.46E-03	2.68E-01	0.00E+00	0.00E+00	7.59E-01	2.54E-03	1.37E+00	0.00E+00	1.09E-08	5.42E-09	4.05E-04	7.47E-08	1.35E-01	0.00E+00	1.37E+00	2.91E-07	1.37E+00	1.50E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NEN120	1.12E-03	1.88E-01	6.69E-03	1.79E-01	2.87E-12	0.00E+00	1.05E+00	1.90E-06	5.74E-04	1.61E-03	0.00E+00	-1.87E-04	2.11E-10	6.81E-09	6.71E-03	2.98E-01	0.00E+00	0.00E+00	8.34E-01	2.53E-03	1.42E+00	0.00E+00	1.15E-08	5.88E-09	4.30E-04	7.46E-08	1.47E-01	0.00E+00	1.42E+00	2.91E-07	1.42E+00	1.57E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
NEN125	1.17E-03	1.73E-01	5.93E-03	1.66E-01	2.87E-12	0.00E+00	1.02E+00	1.85E-06	6.87E-04	1.53E-03	0.00E+00	-1.86E-04	1.87E-10	7.45E-09	6.39E-03	3.06E-01	0.00E+00	0.00E+00	8.36E-01	2.54E-03	1.38E+00	0.00E+00	1.10E-08	5.74E-09	4.19E-04	7.48E-08	1.48E-01	0.00E+00	1.38E+00	2.50E-07	1.38E+00	1.52E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
NEN132	1.34E-03	1.98E-01	6.76E-03	1.86E-01	2.87E-12	0.00E+00	1.10E+00	1.95E-06	8.46E-04	1.70E-03	0.00E+00	-1.86E-04	2.09E-10	8.90E-09	6.79E-03	3.31E-01	0.00E+00	0.00E+00	8.69E-01	2.54E-03	1.48E+00	0.00E+00	1.22E-08	6.34E-09	4.66E-04	7.49E-08	1.54E-01	0.00E+00	1.48E+00	2.48E-07	1.48E+00	1.63E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
NEN140	1.49E-03	1.92E-01	6.47E-03	1.84E-01	2.87E-12	0.00E+00	1.08E+00	1.99E-06	9.19E-04	1.68E-03	0.00E+00	-1.85E-04	2.06E-10	9.76E-09	6.83E-03	3.31E-01	0.00E+00	0.00E+00	9.09E-01	2.72E-03	1.46E+00	0.00E+00	1.20E-08	6.29E-09	4.67E-04	7.63E-08	1.61E-01	0.00E+00	1.46E+00	2.46E-07	1.46E+00	1.62E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
NEN150	1.54E-03	2.00E-01	7.03E-03	1.89E-01	2.87E-12	0.00E+00	1.14E+00	2.06E-06	8.06E-04	1.72E-03	0.00E+00	-1.85E-04	2.08E-10	9.72E-09	6.96E-03	3.56E-01	0.00E+00	0.00E+00	9.36E-01	2.71E-03	1.48E+00	0.00E+00	1.22E-08	6.67E-09	4.73E-04	7.64E-08	1.69E-01	0.00E+00	1.48E+00	2.43E-07	1.48E+00	1.63E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NEN163	1.73E-03	2.04E-01	7.44E-03	1.91E-01	2.87E-12	0.00E+00	1.17E+00	2.10E-06	1.19E-03	1.77E-03	0.00E+00	-1.98E-04	2.39E-10	1.19E-08	7.25E-03	3.71E-01	0.00E+00	0.00E+00	9.58E-01	2.71E-03	1.58E+00	0.00E+00	1.30E-08	7.19E-09	5.20E-04	7.58E-08	1.74E-01	0.00E+00	1.58E+00	2.43E-07	1.58E+00	1.75E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
NEN206	1.53E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	2.03E+00	3.63E-06	5.80E-04	2.77E-03	0.00E+00	-2.40E-04	3.69E-10	8.37E-09	1.23E-02	6.30E-01	0.00E+00	0.00E+00	1.45E+00	3.40E-03	2.63E+00	0.00E+00	2.12E-08	1.05E-08	7.77E-04	1.27E-07	2.59E-01	0.00E+00	2.63E+00	4.09E-07	2.63E+00	2.91E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NEN210	1.38E-03	3.03E-01	1.24E-02	2.88E-01	2.87E-12	0.00E+00	1.83E+00	3.63E-06	8.05E-04	2.76E-03	0.00E+00	-2.37E-04	3.42E-10	9.05E-09	1.20E-02	6.35E-01	0.00E+00	0.00E+00	1.41E+00	3.48E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.29E-07	2.46E-01	0.00E+00	2.71E+00	5.30E-07	2.71E+00	2.94E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.23E+01
NEN216	1.55E-03	3.02E-01	1.25E-02	2.86E-01	2.87E-12	0.00E+00	2.05E+00	3.82E-06	8.05E-04	2.76E-03	0.00E+00	-2.50E-04	3.78E-10	1.00E-08	1.26E-02	6.58E-01	0.00E+00	0.00E+00	1.48E+00	3.65E-03	2.77E+00	0.00E+00	2.16E-08	1.09E-08	7.74E-04	1.27E-07	2.61E-01	0.00E+00	2.77E+00	5.24E-07	2.77E+00	3.01E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
NEN220	2.71E-03	3.05E-01	1.26E-02	2.93E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	8.94E-04	2.82E-03	0.00E+00	-2.55E-04	4.12E-10	1.45E-08	1.47E-02	6.83E-01	0.00E+00	0.00E+00	1.79E+00	3.63E-03	3.20E+00	0.00E+00	2.60E-08	1.37E-08	9.25E-04	1.27E-07	3.37E-01	0.00E+00	3.20E+00	5.25E-07	3.20E+00	3.50E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
NEN225	2.87E-03	3.00E-01	1.29E-02	2.86E-01	2.87E-12	0.00E+00	2.23E+00	4.23E-06	1.47E-03	2.78E-03	0.00E+00	-2.56E-04	4.08E-10	1.75E-08	1.45E-02	7.04E-01	0.00E+00	0.00E+00	1.88E+00	3.65E-03	3.19E+00	0.00E+00	2.57E-08	1.36E-08	9.13E-04	1.23E-07	3.34E-01	0.00E+00	3.19E+00	5.40E-07	3.19E+00	3.51E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NEN232	3.04E-03	3.93E-01	1.25E-02	3.76E-01	2.87E-12	0.00E+00	2.24E+00	4.27E-06	1.67E-03	3.41E-03	0.00E+00	-2.58E-04	4.15E-10	1.92E-08	1.44E-02	7.13E-01	0.00E+00	0.00E+00	1.90E+00	3.56E-03	3.17E+00	0.00E+00	2.58E-08	1.39E-08	9.65E-04	1.30E-07	3.43E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.48E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NEN240	2.84E-03	3.98E-01	1.36E-02	3.82E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	1.48E-03	3.40E-03	0.00E+00	-3.51E-04	4.45E-10	1.68E-08	1.47E-02	7.04E-01	0.00E+00	0.00E+00	1.85E+00	4.24E-03	3.19E+00	0.00E+00	2.61E-08	1.38E-08	9.65E-04	1.32E-07	3.40E-01	0.00E+00	3.19E+00	5.30E-07	3.19E+00	3.52E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.61E+01
NEN250	3.16E-03	4.00E-01	1.43E-02	3.82E-01	2.87E-12	0.00E+00	2.28E+00	4.29E-06	1.77E-03	3.43E-03	0.00E+00	-3.68E-04	4.50E-10	1.95E-08	1.49E-02	7.39E-01	0.00E+00	0.00E+00	1.97E+00	4.52E-03	3.22E+00	0.00E+00	2.63E-08	1.46E-08	9.70E-04	1.42E-07	3.48E-01	0.00E+00	3.22E+00	5.30E-07	3.22E+00	3.55E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
NEN263	4.60E-03	3.98E-01	1.47E-02	3.81E-01	2.87E-12	0.00E+00	2.28E+00	4.29E-06	2.65E-03	3.41E-03	0.00E+00	-3.62E-04	4.48E-10	2.94E-08	1.48E-02	7.44E-01	0.00E+00	0.00E+00	1.96E+00	4.35E-03	3.22E+00	0.00E+00	2.61E-08	1.44E-08	9.72E-04	1.61E-07	3.49E-01	0.00E+00	3.22E+00	4.29E-07	3.22E+00	3.53E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NEN306	2.75E-03	4.94E-01	2.56E-02	4.77E-01	2.87E-12	0.00E+00	2.83E+00	5.22E-06	9.95E-04	4.22E-03	0.00E+00	-4.87E-04	4.97E-10	1.45E-08	1.80E-02	7.32E-01	0.00E+00	0.00E+00	2.18E+00	6.31E-03	3.86E+00	0.00E+00	3.12E-08	1.57E-08	1.17E-03	1.84E-07	3.86E-01	0.00E+00	3.86E+00	3.32E-07	3.86E+00	4.24E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	7.75E+01
NEN310	2.71E-03	4.95E-01	1.44E-02	4.75E-01	2.87E-12	0.00E+00	2.82E+00	5.20E-06	1.32E-03	4.24E-03	0.00E+00	-4.91E-04	4.95E-10	1.52E-08	1.80E-02	7.48E-01	0.00E+00	0.00E+00	2.18E+00	6.45E-03	3.86E+00	0.00E+00	3.10E-08	1.57E-08	1.14E-03	1.93E-07	3.86E-01	0.00E+00	3.86E+00	7.42E-07	3.86E+00	4.25E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NEN313	2.98E-03	5.16E-01	1.67E-02	4.96E-01	2.87E-12	0.00E+00	2.88E+00	5.32E-06	1.38E-03	4.36E-03	0.00E+00	-5.39E-04	5.42E-10	1.61E-08	1.88E-02	8.32E-01	0.00E+00	0.00E+00	2.22E+00	7.52E-03	4.04E+00	0.00E+00	3.29E-08	1.65E-08	1.23E-03	2.06E-07	3.97E-01	0.00E+00	4.04E+00	7.45E-07	4.04E+00	4.42E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
NEN316	2.89E-03	4.95E-01	1.48E-02	4.75E-01	2.87E-12	0.00E+00	2.85E+00	5.30E-06	1.45E-03	4.29E-03	0.00E+00	-4.96E-04	5.25E-10	1.69E-08	1.83E-02	7.54E-01	0.00E+00	0.00E+00	2.22E+00	6.56E-03	3.92E+00	0.00E+00	3.14E-08	1.58E-08	1.18E-03	1.98E-07	3.90E-01	0.00E+00	3.92E+00	7.52E-07	3.92E+00	4.32E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
NEN320	2.99E-03	5.00E-01	1.68E-02	4.77E-01	2.87E-12	0.00E+00	2.91E+00	5.43E-06	1.50E-03	4.37E-03	0.00E+00	-5.47E-04	5.28E-10	1.76E-08	1.88E-02	8.29E-01	0.00E+00	0.00E+00	2.34E+00	7.55E-03	4.00E+00	0.00E+00	3.20E-08	1.62E-08	1.22E-03	2.08E-07	4.09E-01	0.00E+00	4.00E+00	7.56E-07	4.00E+00	4.41E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.38E+01
NEN325	3.25E-03	4.97E-01	1.85E-02	4.78E-01	2.87E-12	0.00E+00	2.99E+00	5.57E-06	1.70E-03	4.29E-03	0.00E+00	-5.46E-04	5.55E-10	1.93E-08	1.91E-02	9.18E-01	0.00E+00	0.00E+00	2.67E+00	7.51E-03	4.05E+00	0.00E+00	3.25E-08	1.83E-08	1.27E-03	2.12E-07	4.66E-01	0.00E+00	4.05E+00	7.46E-07	4.05E+00	4.49E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.52E+01
NEN332	4.55E-03	5.65E-01	2.99E-02	5.40E-01	2.87E-12	0.00E+00	3.13E+00	5.81E-06	2.62E-03	5.08E-03	0.00E+00	-5.64E-04	6.13E-10	2.92E-08	1.98E-02	1.08E+00	0.00E+00	0.00E+00	2.73E+00	7.41E-03	4.37E+00	0.00E+00	3.54E-08	1.96E-08	1.44E-03	2.11E-07	4.83E-01	0.00E+00	4.37E+00	3.35E-07	4.37E+00	4.85E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
NEN340	3.46E-03	5.63E-01	2.90E-02	5.43E-01	2.87E-12	0.00E+00	3.22E+00	5.93E-06	1.83E-03	5.10E-03	0.00E+00	-6.64E-04	6.20E-10	2.05E-08	2.06E-02	9.24E-01	0.00E+00	0.00E+00	2.63E+00	7.48E-03	4.34E+00	0.00E+00	3.49E-08	1.90E-08	1.43E-03	2.16E-07	4.66E-01	0.00E+00	4.34E+00	3.35E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
NEN363	4.82E-03	5.68E-01	3.07E-02	5.43E-01	2.87E-12	0.00E+00	3.24E+00	5.83E-06	2.85E-03	5.12E-03	0.00E+00	-6.42E-04	6.38E-10	3.13E-08	2.00E-02	1.14E+00	0.00E+00	0.00E+00	2.86E+00	7.67E-03	4.41E+00	0.00E+00	3.56E-08	2.05E-08	1.50E-03	2.29E-07	5.10E-01	0.00E+00	4.41E+00	3.25E-07	4.41E+00	4.90E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NEN406	4.91E-03	6.19E-01	2.12E-02	5.93E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.20E-03	5.14E-03	0.00E+00	-6.72E-04	6.73E-10	2.14E-08	2.36E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.33E-03	5.03E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.31E-07	5.05E-01	0.00E+00	5.03E+00	9.22E-07	5.03E+00	5.48E+00	5.05E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NEN410	3.68E-03	6.07E-01	1.86E-02	5.95E-01	2.87E-12	0.00E+00	3.44E+00	6.52E-06	1.84E-03	5.34E-03	0.00E+00	-6.75E-04	5.95E-10	2.09E-08	2.21E-02	9.01E-01	0.00E+00	0.00E+00	2.46E+00	8.56E-03	4.67E+00	0.00E+00	3.68E-08	1.72E-08	1.34E-03	2.52E-07	4.41E-01	0.00E+00	4.67E+00	9.34E-07	4.67E+00	5.03E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.89E+01
NEN416	5.24E-03	6.16E-01	2.03E-02	6.00E-01	2.87E-12	0.00E+00	3.53E+00	6.57E-06	2.91E-03	5.49E-03	0.00E+00	-6.77E-04	6.29E-10	3.21E-08	2.24E-02	9.95E-01	0.00E+00	0.00E+00	2.78E+00	8.58E-03	4.87E+00	0.00E+00	3.85E-08	1.96E-08	1.51E-03	2.54E-07	4.93E-01	0.00E+00	4.87E+00	9.63E-07	4.87E+00	5.34E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NEN420	5.33E-03	6.61E-01	2.49E-02	6.35E-01	2.87E-12	0.00E+00	4.27E+00	7.93E-06	2.98E-03	5.95E-03	0.00E+00	-6.84E-04	7.92E-10	3.42E-08	2.67E-02	1.27E+00	0.00E+00	0.00E+00	3.45E+00	8.58E-03	5.79E+00	0.00E+00	4.60E-08	2.39E-08	1.65E-03	2.54E-07	6.13E-01	0.00E+00	5.79E+00	9.63E-07	5.79E+00	6.40E+00	6.13E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
NEN425	4.85E-03	6.63E-01	2.55E-02	6.36E-01	2.87E-12	0.00E+00	4.35E+00	8.06E-06	2.71E-03	5.97E-03	0.00E+00	-6.90E-04	8.10E-10	3.12E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.54E+00	8.98E-03	5.89E+00	0.00E+00	4.69E-08	2.47E-08	1.66E-03	2.71E-07	6.25E-01	0.00E+00	5.89E+00	9.67E-07	5.89E+00	6.52E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NEN432	6.42E-03	7.80E-01	3.13E-02	7.58E-01	2.87E-12	0.00E+00	4.52E+00	8.43E-06	3.60E-03	7.00E-03	0.00E+00	-6.89E-04	8.42E-10	4.04E-08	2.74E-02	1.46E+00	0.00E+00	0.00E+00	3.82E+00	8.71E-03	6.12E+00	0.00E+00	4.99E-08	2.70E-08	2.05E-03	2.62E-07	6.70E-01	0.00E+00	6.12E+00	3.57E-07	6.12E+00	6.79E+00	6.70E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
NEN440	6.45E-03	7.80E-01	3.13E-02	7.57E-01	2.87E-12	0.00E+00	4.54E+00	8.53E-06	3.67E-03	7.00E-03	0.00E+00	-7.46E-04	8.33E-10	4.06E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.77E-03	6.17E+00	0.00E+00	5.01E-08	2.72E-08	2.05E-03	2.77E-07	6.85E-01	0.00E+00	6.17E+00	3.57E-07	6.17E+00	6.86E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NEN450	6.40E-03	8.89E-01	3.07E-02	8.60E-01	2.87E-12	0.00E+00	4.55E+00	8.24E-06	3.79E-03	8.35E-03	0.00E+00	-6.72E-04	8.51E-10	3.90E-08	2.79E-02	1.33E+00	0.00E+00	0.00E+00	3.63E+00	4.48E-03	6.08E+00	0.00E+00	4.77E-08	2.59E-08	2.29E-03	1.89E-07	6.48E-01	0.00E+00	6.08E+00	3.56E-07	6.08E+00	6.67E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NEN463	6.50E-03	8.01E-01	3.14E-02	7.71E-01	2.87E-12	0.00E+00	4.57E+00	8.58E-06	3.72E-03	7.15E-03	0.00E+00	-7.49E-04	8.52E-10	4.11E-08	2.75E-02	1.49E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.91E-01	0.00E+00	6.31E+00	3.48E-07	6.31E+00	7.00E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NF100A	9.65E-04	1.98E-01	6.06E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.89E-06	4.55E-04	1.71E-03	0.00E+00	-1.74E-04	1.97E-10	5.27E-09	6.55E-03	2.85E-01	0.00E+00	0.00E+00	7.88E-01	2.20E-03	1.44E+00	0.00E+00	1.17E-08	5.77E-09	4.48E-04	6.52E-08	1.38E-01	0.00E+00	1.44E+00	2.60E-07	1.44E+00	1.57E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NF101A	9.93E-04	1.98E-01	6.18E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.89E-06	4.68E-04	1.71E-03	0.00E+00	-1.90E-04	1.97E-10	5.39E-09	6.60E-03	2.88E-01	0.00E+00	0.00E+00	7.90E-01	2.91E-03	1.45E+00	0.00E+00	1.17E-08	5.85E-09	4.49E-04	6.72E-08	1.39E-01	0.00E+00	1.45E+00	2.67E-07	1.45E+00	1.58E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NF102A	1.04E-03	2.06E-01	6.26E-03	1.97E-01	2.87E-12	0.00E+00	1.04E+00	1.86E-06	4.83E-04	1.62E-03	0.00E+00	-2.74E-04	1.96E-10	5.70E-09	6.67E-03	2.82E-01	0.00E+00	0.00E+00	7.91E-01	3.11E-03	1.44E+00	0.00E+00	1.16E-08	5.79E-09	4.43E-04	8.41E-08	1.42E-01	0.00E+00	1.44E+00	2.69E-07	1.44E+00	1.58E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
NF103A	9.47E-04	1.98E-01	6.07E-03	1.92E-01	2.87E-12	0.00E+00	1.00E+00	1.87E-06	4.45E-04	1.71E-03	0.00E+00	-1.67E-04	1.96E-10	5.15E-09	6.49E-03	2.85E-01	0.00E+00	0.00E+00	7.89E-01	2.54E-03	1.42E+00	0.00E+00	1.15E-08	5.77E-09	4.45E-04	6.08E-08	1.40E-01	0.00E+00	1.42E+00	2.53E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NF104A	9.42E-04	1.92E-01	5.75E-03	1.90E-01	2.87E-12	0.00E+00	9.88E-01	1.87E-06	4.35E-04	1.63E-03	0.00E+00	-1.64E-04	1.89E-10	5.04E-09	6.42E-03	2.82E-01	0.00E+00	0.00E+00	7.88E-01	1.93E-03	1.41E+00	0.00E+00	1.15E-08	5.76E-09	4.35E-04	6.22E-08	1.38E-01	0.00E+00	1.41E+00	2.57E-07	1.41E+00	1.55E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NF106A	7.42E-04	1.57E-01	4.43E-03	1.54E-01	2.87E-12	0.00E+00	8.86E-01	1.67E-06	3.27E-04	1.38E-03	0.00E+00	-8.21E-05	1.55E-10	4.06E-09	5.67E-03	2.30E-01	0.00E+00	0.00E+00	6.73E-01	1.04E-03	1.22E+00	0.00E+00	9.78E-09	4.80E-09	3.59E-04	4.25E-08	1.19E-01	0.00E+00	1.22E+00	2.41E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
NF110A	8.76E-04	1.62E-01	4.62E-03	1.58E-01	2.87E-12	0.00E+00	9.38E-01	1.78E-06	4.08E-04	1.42E-03	0.00E+00	-1.76E-05	1.66E-10	4.91E-09	5.91E-03	2.46E-01	0.00E+00	0.00E+00	7.16E-01	9.90E-04	1.27E+00	0.00E+00	1.03E-08	5.09E-09	3.77E-04	3.95E-08	1.27E-01	0.00E+00	1.27E+00	2.59E-07	1.27E+00	1.40E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
NF116A	8.55E-04	1.63E-01	4.66E-03	1.59E-01	2.87E-12	0.00E+00	9.40E-01	1.78E-06	3.93E-04	1.43E-03	0.00E+00	-2.91E-05	1.69E-10	4.81E-09	5.93E-03	2.47E-01	0.00E+00	0.00E+00	7.21E-01	9.96E-04	1.28E+00	0.00E+00	1.03E-08	5.09E-09	3.79E-04	3.95E-08	1.27E-01	0.00E+00	1.28E+00	2.58E-07	1.28E+00	1.40E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NF120A	8.81E-04	1.64E-01	4.90E-03	1.59E-01	2.87E-12	0.00E+00	9.59E-01	1.82E-06	4.19E-04	1.43E-03	0.00E+00	-5.19E-05	1.74E-10	5.14E-09	6.03E-03	2.52E-01	0.00E+00	0.00E+00	7.40E-01	1.08E-03	1.30E+00	0.00E+00	1.04E-08	5.18E-09	3.85E-04	3.99E-08	1.30E-01	0.00E+00	1.30E+00	2.62E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NF125A	9.44E-04	1.65E-01	5.10E-03	1.60E-01	2.87E-12	0.00E+00	9.87E-01	1.88E-06	4.65E-04	1.46E-03	0.00E+00	-6.08E-05	1.81E-10	5.65E-09	6.13E-03	2.71E-01	0.00E+00	0.00E+00	7.84E-01	1.07E-03	1.33E+00	0.00E+00	1.06E-08	5.39E-09	4.00E-04	4.03E-08	1.37E-01	0.00E+00	1.33E+00	2.56E-07	1.33E+00	1.46E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NF132A	1.51E-03	2.07E-01	6.64E-03	1.99E-01	2.87E-12	0.00E+00	1.14E+00	1.91E-06	7.87E-04	1.66E-03	0.00E+00	-2.10E-04	2.10E-10	9.06E-09	6.84E-03	3.59E-01	0.00E+00	0.00E+00	8.96E-01	2.76E-03	1.49E+00	0.00E+00	1.21E-08	6.56E-09	4.78E-04	7.09E-08	1.62E-01	0.00E+00	1.49E+00	2.44E-07	1.49E+00	1.66E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
NF140A	1.55E-03	2.06E-01	6.79E-03	1.99E-01	2.87E-12	0.00E+00	1.15E+00	1.91E-06	8.70E-04	1.66E-03	0.00E+00	-2.19E-04	2.11E-10	9.96E-09	6.80E-03	3.73E-01	0.00E+00	0.00E+00	9.34E-01	2.97E-03	1.50E+00	0.00E+00	1.22E-08	6.65E-09	4.79E-04	7.09E-08	1.67E-01	0.00E+00	1.50E+00	2.43E-07	1.50E+00	1.67E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NF150A	1.69E-03	2.01E-01	6.71E-03	1.96E-01	2.87E-12	0.00E+00	1.16E+00	2.10E-06	1.01E-03	1.78E-03	0.00E+00	-1.02E-04	2.12E-10	1.13E-08	7.24E-03	3.85E-01	0.00E+00	0.00E+00	9.68E-01	1.42E-03	1.55E+00	0.00E+00	1.28E-08	6.76E-09	4.95E-04	4.71E-08	1.72E-01	0.00E+00	1.55E+00	2.43E-07	1.55E+00	1.72E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
NF163A	1.87E-03	2.06E-01	6.81E-03	1.99E-01	2.87E-12	0.00E+00	1.17E+00	2.14E-06	1.38E-03	1.84E-03	0.00E+00	-1.04E-04	2.31E-10	1.28E-08	7.38E-03	3.96E-01	0.00E+00	0.00E+00	1.00E+00	1.46E-03	1.65E+00	0.00E+00	1.34E-08	7.26E-09	5.30E-04	4.75E-08	1.81E-01	0.00E+00	1.65E+00	2.44E-07	1.65E+00	1.82E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.68E+01
NF200A	2.35E-03	3.95E-01	1.09E-02	3.72E-01	2.87E-12	0.00E+00	2.06E+00	3.81E-06	5.72E-04	3.36E-03	0.00E+00	-2.87E-04	3.60E-10	1.00E-08	1.33E-02	5.33E-01	0.00E+00	0.00E+00	1.62E+00	2.49E-03	2.92E+00	0.00E+00	2.38E-08	1.23E-08	8.83E-04	1.30E-07	2.89E-01	0.00E+00	2.92E+00	4.77E-07	2.92E+00	3.27E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
NF201A	2.29E-03	3.98E-01	1.20E-02	3.77E-01	2.87E-12	0.00E+00	2.06E+00	3.81E-06	5.74E-04	3.38E-03	0.00E+00	-3.01E-04	3.93E-10	9.90E-09	1.33E-02	5.39E-01	0.00E+00	0.00E+00	1.64E+00	2.67E-03	2.93E+00	0.00E+00	2.40E-08	1.23E-08	8.86E-04	1.32E-07	2.92E-01	0.00E+00	2.93E+00	4.78E-07	2.93E+00	3.28E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
NF202A	2.55E-03	3.81E-01	1.10E-02	3.56E-01	2.87E-12	0.00E+00	2.26E+00	4.31E-06	5.80E-04	3.55E-03	0.00E+00	-3.25E-04	3.39E-10	1.26E-08	1.43E-02	6.27E-01	0.00E+00	0.00E+00	1.74E+00	4.11E-03	3.27E+00	0.00E+00	2.66E-08	1.37E-08	9.35E-04	1.10E-07	3.31E-01	0.00E+00	3.27E+00	4.66E-07	3.27E+00	3.59E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.09E+01
NF203A	2.32E-03	3.94E-01	1.09E-02	3.72E-01	2.87E-12	0.00E+00	2.06E+00	3.80E-06	9.75E-04	3.36E-03	0.00E+00	-2.76E-04	3.60E-10	1.15E-08	1.33E-02	5.30E-01	0.00E+00	0.00E+00	1.64E+00	2.47E-03	2.93E+00	0.00E+00	2.38E-08	1.23E-08	8.84E-04	1.29E-07	2.92E-01	0.00E+00	2.93E+00	4.85E-07	2.93E+00	3.28E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.74E+01
NF204A	2.29E-03	3.96E-01	1.10E-02	3.76E-01	2.87E-12	0.00E+00	2.06E+00	3.80E-06	9.71E-04	3.38E-03	0.00E+00	-2.95E-04	3.61E-10	1.15E-08	1.33E-02	5.34E-01	0.00E+00	0.00E+00	1.65E+00	2.50E-03	2.92E+00	0.00E+00	2.39E-08	1.23E-08	8.83E-04	1.26E-07	2.92E-01	0.00E+00	2.92E+00	4.86E-07	2.92E+00	3.27E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01
NF206A	1.37E-03	3.25E-01	1.02E-02	3.13E-01	2.87E-12	0.00E+00	1.87E+00	3.56E-06	5.40E-04	2.79E-03	0.00E+00	-1.63E-04	3.48E-10	7.43E-09	1.20E-02	5.18E-01	0.00E+00	0.00E+00	1.40E+00	2.40E-03	2.56E+00	0.00E+00	2.05E-08	9.72E-09	7.38E-04	1.04E-07	2.42E-01	0.00E+00	2.56E+00	5.83E-07	2.56E+00	2.80E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
NF210A	1.43E-03	3.21E-01	8.93E-03	3.11E-01	2.87E-12	0.00E+00	1.80E+00	3.40E-06	6.46E-04	2.79E-03	0.00E+00	-1.43E-04	3.05E-10	8.05E-09	1.18E-02	4.85E-01	0.00E+00	0.00E+00	1.39E+00	1.98E-03	2.48E+00	0.00E+00	1.99E-08	9.76E-09	7.35E-04	7.51E-08	2.43E-01	0.00E+00	2.48E+00	4.88E-07	2.48E+00	2.73E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
NF216A	1.62E-03	3.25E-01	8.79E-03	3.15E-01	2.87E-12	0.00E+00	1.82E+00	3.44E-06	7.40E-04	2.82E-03	0.00E+00	-1.42E-04	3.07E-10	9.19E-09	1.18E-02	4.83E-01	0.00E+00	0.00E+00	1.39E+00	1.96E-03	2.50E+00	0.00E+00	2.00E-08	9.86E-09	7.36E-04	8.33E-08	2.46E-01	0.00E+00	2.50E+00	4.76E-07	2.50E+00	2.75E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.01E+01
NF220A	1.63E-03	3.25E-01	8.99E-03	3.16E-01	2.87E-12	0.00E+00	1.87E+00	3.52E-06	7.49E-04	2.83E-03	0.00E+00	-1.52E-04	3.18E-10	9.02E-09	1.19E-02	4.95E-01	0.00E+00	0.00E+00	1.48E+00	2.07E-03	2.54E+00	0.00E+00	2.03E-08	1.01E-08	7.44E-04	9.50E-08	2.60E-01	0.00E+00	2.54E+00	4.86E-07	2.54E+00	2.79E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
NF225A	1.94E-03	3.26E-01	9.19E-03	3.16E-01	2.87E-12	0.00E+00	1.94E+00	3.61E-06	1.01E-03	2.83E-03	0.00E+00	-1.54E-04	3.31E-10	1.15E-08	1.23E-02	5.27E-01	0.00E+00	0.00E+00	1.54E+00	2.18E-03	2.61E+00	0.00E+00	2.08E-08	1.06E-08	7.88E-04	9.30E-08	2.70E-01	0.00E+00	2.61E+00	4.60E-07	2.61E+00	2.89E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	5.48E+01
NF232A	3.10E-03	3.80E-01	1.20E-02	3.60E-01	2.87E-12	0.00E+00	2.36E+00	4.40E-06	1.57E-03	3.54E-03	0.00E+00	-2.46E-04	3.70E-10	1.86E-08	1.44E-02	7.60E-01	0.00E+00	0.00E+00	1.88E+00	3.83E-03	3.28E+00	0.00E+00	2.65E-08	1.41E-08	9.50E-04	1.04E-07	3.45E-01	0.00E+00	3.28E+00	4.59E-07	3.28E+00	3.61E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
NF240A	3.64E-03	3.84E-01	1.37E-02	3.67E-01	2.87E-12	0.00E+00	2.37E+00	4.42E-06	2.02E-03	3.50E-03	0.00E+00	-3.35E-04	3.79E-10	2.40E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	1.98E+00	4.43E-03	3.26E+00	0.00E+00	2.64E-08	1.47E-08	9.86E-04	1.24E-07	3.52E-01	0.00E+00	3.26E+00	5.74E-07	3.26E+00	3.58E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
NF250A	3.57E-03	3.93E-01	1.35E-02	3.74E-01	2.87E-12	0.00E+00	2.35E+00	4.35E-06	2.11E-03	3.47E-03	0.00E+00	-3.75E-04	3.76E-10	2.35E-08	1.41E-02	8.03E-01	0.00E+00	0.00E+00	1.98E+00	4.40E-03	3.23E+00	0.00E+00	2.59E-08	1.46E-08	1.03E-03	1.33E-07	3.55E-01	0.00E+00	3.23E+00	4.61E-07	3.23E+00	3.53E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.39E+01
NF263A	4.66E-03	4.10E-01	1.29E-02	3.95E-01	2.87E-12	0.00E+00	2.29E+00	4.15E-06	2.77E-03	3.60E-03	0.00E+00	-2.30E-04	4.13E-10	3.12E-08	1.41E-02	8.11E-01	0.00E+00	0.00E+00	1.98E+00	3.09E-03	3.10E+00	0.00E+00	2.51E-08	1.35E-08	1.01E-03	1.21E-07	3.38E-01	0.00E+00	3.10E+00	4.89E-07	3.10E+00	3.39E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
NF300A	3.24E-03	5.90E-01	2.72E-02	5.71E-01	2.87E-12	0.00E+00	2.94E+00	5.70E-06	1.13E-03	5.17E-03	0.00E+00	-2.71E-04	5.75E-10	1.49E-08	1.99E-02	8.57E-01	0.00E+00	0.00E+00	2.42E+00	3.61E-03	4.27E+00	0.00E+00	3.44E-08	1.73E-08	1.32E-03	1.30E-07	4.26E-01	0.00E+00	4.27E+00	3.82E-07	4.27E+00	4.68E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
NF301A	3.24E-03	5.89E-01	2.72E-02	5.70E-01	2.87E-12	0.00E+00	2.94E+00	5.69E-06	9.60E-04	5.12E-03	0.00E+00	-2.74E-04	5.74E-10	1.42E-08	1.98E-02	8.57E-01	0.00E+00	0.00E+00	2.42E+00	3.65E-03	4.24E+00	0.00E+00	3.43E-08	1.73E-08	1.32E-03	1.31E-07	4.24E-01	0.00E+00	4.24E+00	3.83E-07	4.24E+00	4.67E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
NF302A	3.07E-03	5.60E-01	2.84E-02	5.44E-01	2.87E-12	0.00E+00	3.11E+00	6.10E-06	1.13E-03	4.83E-03	0.00E+00	-4.87E-04	5.84E-10	1.57E-08	1.97E-02	8.57E-01	0.00E+00	0.00E+00	2.56E+00	7.01E-03	4.29E+00	0.00E+00	3.61E-08	1.92E-08	1.36E-03	1.85E-07	4.65E-01	0.00E+00	4.29E+00	4.64E-07	4.29E+00	4.72E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	9.29E+01
NF303A	3.27E-03	5.87E-01	2.72E-02	5.67E-01	2.87E-12	0.00E+00	2.93E+00	5.70E-06	1.32E-03	5.09E-03	0.00E+00	-2.64E-04	5.78E-10	1.52E-08	1.98E-02	8.58E-01	0.00E+00	0.00E+00	2.42E+00	3.55E-03	4.26E+00	0.00E+00	3.44E-08	1.73E-08	1.32E-03	1.28E-07	4.25E-01	0.00E+00	4.26E+00	3.82E-07	4.26E+00	4.68E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
NF304A	3.27E-03	5.90E-01	2.72E-02	5.71E-01	2.87E-12	0.00E+00	2.93E+00	5.70E-06	1.32E-03	5.12E-03	0.00E+00	-2.63E-04	5.78E-10	1.53E-08	1.98E-02	8.59E-01	0.00E+00	0.00E+00	2.42E+00	3.54E-03	4.25E+00	0.00E+00	3.44E-08	1.73E-08	1.32E-03	1.28E-07	4.25E-01	0.00E+00	4.25E+00	3.84E-07	4.25E+00	4.68E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
NF306A	2.17E-03	4.69E-01	2.44E-02	4.58E-01	2.87E-12	0.00E+00	2.64E+00	4.95E-06	8.98E-04	4.12E-03	0.00E+00	-2.41E-04	4.61E-10	1.12E-08	1.73E-02	6.48E-01	0.00E+00	0.00E+00	1.94E+00	3.03E-03	3.60E+00	0.00E+00	2.89E-08	1.39E-08	1.08E-03	1.10E-07	3.47E-01	0.00E+00	3.60E+00	3.57E-07	3.60E+00	3.94E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
NF310A	2.24E-03	4.75E-01	2.41E-02	4.63E-01	2.87E-12	0.00E+00	2.71E+00	5.09E-06	1.07E-03	4.19E-03	0.00E+00	-2.13E-04	4.67E-10	1.22E-08	1.77E-02	6.48E-01	0.00E+00	0.00E+00	1.98E+00	2.78E-03	3.71E+00	0.00E+00	2.97E-08	1.43E-08	1.09E-03	9.97E-08	3.59E-01	0.00E+00	3.71E+00	3.76E-07	3.71E+00	4.07E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NF316A	2.43E-03	4.82E-01	2.51E-02	4.68E-01	2.87E-12	0.00E+00	2.76E+00	5.11E-06	1.13E-03	4.21E-03	0.00E+00	-2.14E-04	4.95E-10	1.35E-08	1.77E-02	7.40E-01	0.00E+00	0.00E+00	2.09E+00	2.82E-03	3.71E+00	0.00E+00	2.97E-08	1.46E-08	1.12E-03	1.07E-07	3.69E-01	0.00E+00	3.71E+00	3.70E-07	3.71E+00	4.09E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
NF320A	2.57E-03	4.84E-01	2.52E-02	4.71E-01	2.87E-12	0.00E+00	2.79E+00	5.24E-06	1.23E-03	4.22E-03	0.00E+00	-2.15E-04	5.08E-10	1.44E-08	1.80E-02	7.50E-01	0.00E+00	0.00E+00	2.15E+00	2.82E-03	3.78E+00	0.00E+00	3.03E-08	1.49E-08	1.13E-03	1.08E-07	3.79E-01	0.00E+00	3.78E+00	3.81E-07	3.78E+00	4.15E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	7.72E+01
NF325A	2.91E-03	5.02E-01	2.63E-02	4.87E-01	2.87E-12	0.00E+00	2.96E+00	5.58E-06	1.53E-03	4.38E-03	0.00E+00	-2.28E-04	5.41E-10	1.72E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.34E+00	2.98E-03	4.01E+00	0.00E+00	3.22E-08	1.63E-08	1.19E-03	1.10E-07	4.12E-01	0.00E+00	4.01E+00	3.66E-07	4.01E+00	4.42E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
NF332A	5.33E-03	5.66E-01	2.10E-02	5.51E-01	2.87E-12	0.00E+00	3.71E+00	6.20E-06	3.02E-03	5.13E-03	0.00E+00	-4.74E-04	6.25E-10	3.47E-08	2.07E-02	1.19E+00	0.00E+00	0.00E+00	3.21E+00	7.31E-03	4.53E+00	0.00E+00	3.76E-08	2.17E-08	1.51E-03	2.15E-07	5.72E-01	0.00E+00	4.53E+00	7.46E-07	4.53E+00	4.91E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NF340A	5.39E-03	5.68E-01	2.19E-02	5.52E-01	2.87E-12	0.00E+00	3.73E+00	6.22E-06	3.19E-03	5.16E-03	0.00E+00	-6.50E-04	6.47E-10	3.54E-08	2.08E-02	1.22E+00	0.00E+00	0.00E+00	3.27E+00	7.64E-03	4.59E+00	0.00E+00	3.81E-08	2.22E-08	1.57E-03	2.41E-07	5.81E-01	0.00E+00	4.59E+00	7.48E-07	4.59E+00	4.95E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
NF350A	5.42E-03	5.78E-01	2.20E-02	5.59E-01	2.87E-12	0.00E+00	3.52E+00	6.47E-06	3.26E-03	5.22E-03	0.00E+00	-6.65E-04	6.44E-10	3.61E-08	2.12E-02	1.22E+00	0.00E+00	0.00E+00	3.22E+00	7.38E-03	4.47E+00	0.00E+00	3.70E-08	2.16E-08	1.57E-03	2.34E-07	5.73E-01	0.00E+00	4.47E+00	7.33E-07	4.47E+00	4.94E+00	5.73E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NF363A	5.72E-03	6.04E-01	3.12E-02	5.81E-01	2.87E-12	0.00E+00	3.61E+00	6.32E-06	3.49E-03	5.43E-03	0.00E+00	-3.49E-04	7.06E-10	3.75E-08	2.20E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.60E-03	4.64E+00	0.00E+00	3.76E-08	2.21E-08	1.60E-03	1.57E-07	5.64E-01	0.00E+00	4.64E+00	3.90E-07	4.64E+00	5.17E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NF400A	4.91E-03	6.75E-01	3.05E-02	6.47E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	1.29E-03	6.01E-03	0.00E+00	-3.01E-04	8.15E-10	2.17E-08	2.75E-02	1.35E+00	0.00E+00	0.00E+00	3.68E+00	4.03E-03	5.99E+00	0.00E+00	4.80E-08	2.53E-08	1.55E-03	1.60E-07	6.56E-01	0.00E+00	5.99E+00	4.01E-07	5.99E+00	6.65E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NF401A	4.92E-03	8.10E-01	2.49E-02	7.97E-01	2.87E-12	0.00E+00	4.36E+00	7.98E-06	1.31E-03	7.11E-03	0.00E+00	-3.10E-04	8.24E-10	2.15E-08	2.75E-02	1.40E+00	0.00E+00	0.00E+00	3.69E+00	4.16E-03	6.07E+00	0.00E+00	4.87E-08	2.64E-08	2.03E-03	1.78E-07	6.59E-01	0.00E+00	6.07E+00	9.29E-07	6.07E+00	6.73E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NF402A	5.18E-03	9.26E-01	2.49E-02	9.10E-01	2.87E-12	0.00E+00	4.74E+00	9.20E-06	2.81E-03	8.54E-03	0.00E+00	-5.81E-04	8.45E-10	3.18E-08	2.77E-02	1.48E+00	0.00E+00	0.00E+00	3.95E+00	7.98E-03	6.33E+00	0.00E+00	5.13E-08	2.76E-08	2.40E-03	2.27E-07	6.98E-01	0.00E+00	6.33E+00	1.27E-06	6.33E+00	6.96E+00	6.98E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NF403A	5.05E-03	6.75E-01	3.04E-02	6.47E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	2.72E-03	5.99E-03	0.00E+00	-3.04E-04	8.15E-10	3.05E-08	2.75E-02	1.35E+00	0.00E+00	0.00E+00	3.69E+00	4.07E-03	5.99E+00	0.00E+00	4.80E-08	2.53E-08	1.55E-03	1.59E-07	6.56E-01	0.00E+00	5.99E+00	4.00E-07	5.99E+00	6.65E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02

NF404A	5.05E-03	6.75E-01	3.05E-02	6.47E-01	2.87E-12	0.00E+00	4.35E+00	7.99E-06	2.71E-03	5.99E-03	0.00E+00	-3.00E-04	8.15E-10	3.05E-08	2.75E-02	1.35E+00	0.00E+00	0.00E+00	3.68E+00	4.01E-03	5.99E+00	0.00E+00	4.80E-08	2.53E-08	1.55E-03	1.58E-07	6.56E-01	0.00E+00	5.99E+00	4.01E-07	5.99E+00	6.65E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NF406A	3.14E-03	6.17E-01	2.79E-02	6.00E-01	2.87E-12	0.00E+00	3.44E+00	6.45E-06	1.09E-03	5.39E-03	0.00E+00	-2.90E-04	6.28E-10	1.46E-08	2.25E-02	9.27E-01	0.00E+00	0.00E+00	2.63E+00	3.93E-03	4.75E+00	0.00E+00	3.80E-08	1.80E-08	1.39E-03	1.40E-07	4.64E-01	0.00E+00	4.75E+00	3.83E-07	4.75E+00	5.22E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NF410A	3.30E-03	6.11E-01	2.80E-02	5.94E-01	2.87E-12	0.00E+00	3.45E+00	6.58E-06	1.44E-03	5.38E-03	0.00E+00	-2.87E-04	6.51E-10	1.74E-08	2.27E-02	9.42E-01	0.00E+00	0.00E+00	2.69E+00	3.98E-03	4.78E+00	0.00E+00	3.83E-08	1.81E-08	1.40E-03	1.40E-07	4.72E-01	0.00E+00	4.78E+00	4.06E-07	4.78E+00	5.26E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.70E+01
NF416A	3.58E-03	6.21E-01	2.86E-02	6.03E-01	2.87E-12	0.00E+00	3.54E+00	6.68E-06	1.73E-03	5.45E-03	0.00E+00	-2.90E-04	6.69E-10	2.03E-08	2.28E-02	9.96E-01	0.00E+00	0.00E+00	2.79E+00	3.99E-03	4.86E+00	0.00E+00	3.89E-08	1.93E-08	1.46E-03	1.42E-07	4.92E-01	0.00E+00	4.86E+00	4.01E-07	4.86E+00	5.37E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NF420A	3.65E-03	6.28E-01	2.89E-02	6.09E-01	2.87E-12	0.00E+00	3.76E+00	7.06E-06	1.78E-03	5.49E-03	0.00E+00	-2.90E-04	6.77E-10	2.07E-08	2.37E-02	1.01E+00	0.00E+00	0.00E+00	2.82E+00	3.99E-03	5.11E+00	0.00E+00	4.07E-08	1.98E-08	1.49E-03	1.47E-07	4.97E-01	0.00E+00	5.11E+00	4.18E-07	5.11E+00	5.62E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NF425A	4.14E-03	6.44E-01	3.02E-02	6.22E-01	2.87E-12	0.00E+00	3.96E+00	7.41E-06	2.16E-03	5.78E-03	0.00E+00	-3.02E-04	7.33E-10	2.50E-08	2.50E-02	1.18E+00	0.00E+00	0.00E+00	3.17E+00	4.04E-03	5.40E+00	0.00E+00	4.31E-08	2.18E-08	1.55E-03	1.62E-07	5.58E-01	0.00E+00	5.40E+00	3.97E-07	5.40E+00	5.96E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
NF432A	6.93E-03	9.36E-01	2.54E-02	9.22E-01	2.87E-12	0.00E+00	5.04E+00	9.39E-06	3.96E-03	8.70E-03	0.00E+00	-5.83E-04	8.60E-10	4.29E-08	2.85E-02	1.58E+00	0.00E+00	0.00E+00	4.12E+00	7.97E-03	6.61E+00	0.00E+00	5.39E-08	2.85E-08	2.41E-03	2.32E-07	7.31E-01	0.00E+00	6.61E+00	1.03E-06	6.61E+00	7.27E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
NF440A	7.00E-03	9.31E-01	2.57E-02	9.06E-01	2.87E-12	0.00E+00	5.05E+00	9.40E-06	4.09E-03	8.72E-03	0.00E+00	-7.32E-04	8.79E-10	4.29E-08	2.86E-02	1.58E+00	0.00E+00	0.00E+00	4.15E+00	8.34E-03	6.66E+00	0.00E+00	5.41E-08	2.87E-08	2.41E-03	2.67E-07	7.34E-01	0.00E+00	6.66E+00	1.03E-06	6.66E+00	7.30E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
NF450A	7.04E-03	9.17E-01	2.56E-02	8.91E-01	2.87E-12	0.00E+00	4.81E+00	9.31E-06	4.15E-03	8.56E-03	0.00E+00	-7.27E-04	8.71E-10	4.33E-08	2.80E-02	1.55E+00	0.00E+00	0.00E+00	4.08E+00	8.18E-03	6.44E+00	0.00E+00	5.27E-08	2.84E-08	2.39E-03	2.59E-07	7.19E-01	0.00E+00	6.44E+00	1.00E-06	6.44E+00	7.16E+00	7.19E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NF463A	6.31E-03	8.00E-01	2.60E-02	7.69E-01	2.87E-12	0.00E+00	4.54E+00	8.52E-06	3.70E-03	7.13E-03	0.00E+00	-7.65E-04	8.55E-10	4.07E-08	2.76E-02	1.48E+00	0.00E+00	0.00E+00	3.92E+00	8.66E-03	6.30E+00	0.00E+00	5.04E-08	2.74E-08	2.07E-03	2.69E-07	6.89E-01	0.00E+00	6.30E+00	9.42E-07	6.30E+00	6.99E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NFN100	1.01E-03	1.96E-01	6.38E-03	1.84E-01	2.87E-12	0.00E+00	1.02E+00	1.89E-06	4.69E-04	1.65E-03	0.00E+00	-2.60E-04	1.94E-10	5.33E-09	6.75E-03	2.84E-01	0.00E+00	0.00E+00	7.85E-01	3.16E-03	1.42E+00	0.00E+00	1.15E-08	5.77E-09	4.35E-04	8.93E-08	1.39E-01	0.00E+00	1.42E+00	2.56E-07	1.42E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NFN101	1.02E-03	1.95E-01	6.41E-03	1.83E-01	2.87E-12	0.00E+00	1.04E+00	1.90E-06	4.79E-04	1.65E-03	0.00E+00	-2.62E-04	1.94E-10	5.43E-09	6.74E-03	2.85E-01	0.00E+00	0.00E+00	7.93E-01	3.17E-03	1.42E+00	0.00E+00	1.15E-08	5.78E-09	4.36E-04	8.93E-08	1.41E-01	0.00E+00	1.42E+00	2.56E-07	1.42E+00	1.56E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
NFN102	8.76E-04	1.89E-01	6.05E-03	1.83E-01	0.00E+00	0.00E+00	9.82E-01	1.91E-06	3.79E-04	1.65E-03	0.00E+00	-2.14E-04	1.96E-10	4.55E-09	6.58E-03	2.68E-01	0.00E+00	0.00E+00	7.98E-01	2.84E-03	1.45E+00	0.00E+00	1.17E-08	5.80E-09	4.32E-04	8.30E-08	1.39E-01	0.00E+00	1.45E+00	3.13E-07	1.45E+00	1.59E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
NFN103	1.02E-03	1.90E-01	5.97E-03	1.82E-01	2.87E-12	0.00E+00	1.01E+00	1.87E-06	4.75E-04	1.64E-03	0.00E+00	-2.59E-04	1.94E-10	5.27E-09	6.64E-03	2.76E-01	0.00E+00	0.00E+00	7.84E-01	3.13E-03	1.41E+00	0.00E+00	1.15E-08	5.75E-09	4.34E-04	8.87E-08	1.39E-01	0.00E+00	1.41E+00	2.59E-07	1.41E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NFN104	1.06E-03	1.87E-01	6.12E-03	1.80E-01	2.87E-12	0.00E+00	1.02E+00	1.91E-06	5.29E-04	1.56E-03	0.00E+00	-2.23E-04	1.91E-10	5.98E-09	6.54E-03	2.82E-01	0.00E+00	0.00E+00	8.02E-01	3.14E-03	1.41E+00	0.00E+00	1.14E-08	5.82E-09	4.31E-04	8.77E-08	1.42E-01	0.00E+00	1.41E+00	2.59E-07	1.41E+00	1.55E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NFN106	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.15E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.97E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NFN110	7.92E-04	1.64E-01	5.94E-03	1.58E-01	0.00E+00	0.00E+00	9.30E-01	1.75E-06	3.59E-04	1.42E-03	0.00E+00	-2.43E-04	1.68E-10	4.41E-09	5.96E-03	2.43E-01	0.00E+00	0.00E+00	7.07E-01	3.23E-03	1.27E+00	0.00E+00	1.02E-08	5.00E-09	3.73E-04	9.10E-08	1.25E-01	0.00E+00	1.27E+00	2.29E-07	1.27E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
NFN113	9.09E-04	1.70E-01	6.28E-03	1.63E-01	2.87E-12	0.00E+00	9.56E-01	1.75E-06	4.00E-04	1.52E-03	0.00E+00	-1.90E-04	1.92E-10	4.95E-09	6.15E-03	2.62E-01	0.00E+00	0.00E+00	7.46E-01	2.51E-03	1.32E+00	0.00E+00	1.07E-08	5.37E-09	4.01E-04	7.53E-08	1.32E-01	0.00E+00	1.32E+00	2.54E-07	1.32E+00	1.45E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
NFN116	8.74E-04	1.67E-01	6.13E-03	1.60E-01	0.00E+00	0.00E+00	9.61E-01	1.80E-06	4.18E-04	1.45E-03	0.00E+00	-2.43E-04	1.74E-10	5.04E-09	6.10E-03	2.56E-01	0.00E+00	0.00E+00	7.37E-01	3.23E-03	1.30E+00	0.00E+00	1.05E-08	5.18E-09	3.84E-04	9.12E-08	1.30E-01	0.00E+00	1.30E+00	2.30E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
NFN120	1.20E-03	1.74E-01	6.80E-03	1.67E-01	0.00E+00	0.00E+00	1.06E+00	1.96E-06	6.59E-04	1.53E-03	0.00E+00	-2.43E-04	1.96E-10	7.56E-09	6.50E-03	3.06E-01	0.00E+00	0.00E+00	8.42E-01	3.23E-03	1.41E+00	0.00E+00	1.13E-08	5.81E-09	4.22E-04	9.17E-08	1.48E-01	0.00E+00	1.41E+00	2.28E-07	1.41E+00	1.56E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
NFN125	1.20E-03	1.74E-01	6.80E-03	1.67E-01	0.00E+00	0.00E+00	1.06E+00	1.96E-06	6.59E-04	1.53E-03	0.00E+00	-2.43E-04	1.96E-10	7.56E-09	6.50E-03	3.06E-01	0.00E+00	0.00E+00	8.42E-01	3.23E-03	1.41E+00	0.00E+00	1.13E-08	5.81E-09	4.22E-04	9.17E-08	1.48E-01	0.00E+00	1.41E+00	2.28E-07	1.41E+00	1.56E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
NFN132	1.49E-03	1.95E-01	6.91E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-1.86E-04	2.14E-10	9.47E-09	6.94E-03	3.50E-01	0.00E+00	0.00E+00	9.28E-01	2.47E-03	1.54E+00	0.00E+00	1.24E-08	6.56E-09	4.83E-04	7.44E-08	1.64E-01	0.00E+00	1.54E+00	2.50E-07	1.54E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NFN140	1.83E-03	2.00E-01	7.51E-03	1.92E-01	0.00E+00	0.00E+00	1.18E+00	2.16E-06	1.10E-03	1.78E-03	0.00E+00	-1.90E-04	2.29E-10	1.20E-08	7.14E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	2.53E-03	1.60E+00	0.00E+00	1.29E-08	7.08E-09	5.15E-04	7.59E-08	1.78E-01	0.00E+00	1.60E+00	2.37E-07	1.60E+00	1.78E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.70E+01
NFN150	1.59E-03	2.03E-01	6.72E-03	1.98E-01	2.87E-12	0.00E+00	1.14E+00	1.93E-06	9.69E-04	1.74E-03	0.00E+00	-1.98E-04	2.07E-10	1.05E-08	6.80E-03	3.74E-01	0.00E+00	0.00E+00	9.42E-01	2.71E-03	1.49E+00	0.00E+00	1.22E-08	6.74E-09	4.85E-04	8.18E-08	1.68E-01	0.00E+00	1.49E+00	2.55E-07	1.49E+00	1.66E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
NFN163	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.44E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.30E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NFN200	2.67E-03	3.84E-01	1.26E-02	3.67E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	5.95E-04	3.37E-03	0.00E+00	-3.06E-04	4.08E-10	1.24E-08	1.44E-02	6.59E-01	0.00E+00	0.00E+00	1.77E+00	3.87E-03	3.20E+00	0.00E+00	2.61E-08	1.36E-08	9.59E-04	1.38E-07	3.35E-01	0.00E+00	3.20E+00	4.16E-07	3.20E+00	3.47E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
NFN201	2.69E-03	3.00E-01	1.16E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	6.28E-04	2.83E-03	0.00E+00	-3.02E-04	3.68E-10	1.25E-08	1.44E-02	6.56E-01	0.00E+00	0.00E+00	1.76E+00	3.84E-03	3.24E+00	0.00E+00	2.61E-08	1.36E-08	9.33E-04	1.38E-07	3.35E-01	0.00E+00	3.24E+00	4.17E-07	3.24E+00	3.52E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NFN202	2.66E-03	3.86E-01	1.28E-02	3.72E-01	2.87E-12	0.00E+00	2.23E+00	4.25E-06	9.22E-04	3.40E-03	0.00E+00	-3.68E-04	4.20E-10	1.39E-08	1.47E-02	6.84E-01	0.00E+00	0.00E+00	1.80E+00	4.27E-03	3.22E+00	0.00E+00	2.63E-08	1.37E-08	9.58E-04	1.41E-07	3.37E-01	0.00E+00	3.22E+00	6.58E-07	3.22E+00	3.49E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
NFN203	2.68E-03	3.84E-01	1.27E-02	3.69E-01	2.87E-12	0.00E+00	2.23E+00	4.23E-06	8.85E-04	3.39E-03	0.00E+00	-3.04E-04	4.16E-10	1.41E-08	1.46E-02	6.56E-01	0.00E+00	0.00E+00	1.77E+00	3.82E-03	3.21E+00	0.00E+00	2.63E-08	1.36E-08	9.59E-04	1.34E-07	3.36E-01	0.00E+00	3.21E+00	4.37E-07	3.21E+00	3.48E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
NFN204	2.72E-03	3.00E-01	1.17E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	8.93E-04	2.83E-03	0.00E+00	-3.03E-04	3.72E-10	1.44E-08	1.44E-02	6.57E-01	0.00E+00	0.00E+00	1.78E+00	3.83E-03	3.24E+00	0.00E+00	2.61E-08	1.38E-08	9.32E-04	1.34E-07	3.37E-01	0.00E+00	3.24E+00	4.18E-07	3.24E+00	3.51E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
NFN206	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
NFN210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
NFN216	1.75E-03	3.31E-01	1.18E-02	3.19E-01	0.00E+00	0.00E+00	1.92E+00	3.60E-06	8.34E-04	2.87E-03	0.00E+00	-4.29E-04	3.48E-10	1.01E-08	1.25E-02	5.19E-01	0.00E+00	0.00E+00	1.47E+00	5.69E-03	2.61E+00	0.00E+00	2.09E-08	1.04E-08	7.64E-04	1.64E-07	2.61E-01	0.00E+00	2.61E+00	4.64E-07	2.61E+00	2.87E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NFN220	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.71E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NFN225	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.72E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NFN232	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
NFN240	3.65E-03	3.98E-01	1.50E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	2.21E-03	3.55E-03	0.00E+00	-3.80E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.05E-03	3.21E+00	0.00E+00	2.59E-08	1.41E-08	1.03E-03	1.52E-07	3.56E-01	0.00E+00	3.21E+00	4.72E-07	3.21E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
NFN250	3.77E-03	4.01E-01	1.53E-02	3.85E-01	0.00E+00	0.00E+00	2.40E+00	4.38E-06	2.30E-03	3.58E-03	0.00E+00	-3.80E-04	4.61E-10	2.50E-08	1.47E-02	8.13E-01	0.00E+00	0.00E+00	2.05E+00	5.05E-03	3.25E+00	0.00E+00	2.62E-08	1.44E-08	1.04E-03	1.52E-07	3.62E-01	0.00E+00	3.25E+00	4.68E-07	3.25E+00	3.61E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
NFN263	3.80E-03	4.04E-01	1.55E-02	3.89E-01	0.00E+00	0.00E+00	2.44E+00	4.48E-06	2.31E-03	3.62E-03	0.00E+00	-3.80E-04	4.89E-10	2.52E-08	1.49E-02	8.24E-01	0.00E+00	0.00E+00	2.12E+00	5.05E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.05E-03	1.52E-07	3.71E-01	0.00E+00	3.29E+00	4.93E-07	3.29E+00	3.66E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NFN301	2.94E-03	5.11E-01	2.73E-02	4.91E-01	2.87E-12	0.00E+00	2.91E+00	5.54E-06	8.98E-04	4.26E-03	0.00E+00	-5.27E-04	5.47E-10	1.41E-08	1.91E-02	8.42E-01	0.00E+00	0.00E+00	2.32E+00	7.20E-03	4.10E+00	0.00E+00	3.32E-08	1.70E-08	1.24E-03	1.91E-07	4.08E-01	0.00E+00	4.10E+00	3.95E-07	4.10E+00	4.51E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+01
NFN302	3.10E-03	5.11E-01	2.73E-02	4.92E-01	2.87E-12	0.00E+00	2.91E+00	5.55E-06	1.40E-03	4.26E-03	0.00E+00	-5.28E-04	5.50E-10	1.63E-08	1.91E-02	8.43E-01	0.00E+00	0.00E+00	2.32E+00	7.19E-03	4.11E+00	0.00E+00	3.32E-08	1.69E-08	1.24E-03	1.90E-07	4.07E-01	0.00E+00	4.11E+00	3.98E-07	4.11E+00	4.51E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.32E+01
NFN303	3.01E-03	5.11E-01	2.73E-02	4.92E-01	2.87E-12	0.00E+00	2.89E+00	5.55E-06	1.44E-03	4.26E-03	0.00E+00	-5.28E-04	5.52E-10	1.66E-08	1.91E-02	8.52E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	4.10E+00	0.00E+00	3.32E-08	1.69E-08	1.24E-03	1.90E-07	4.08E-01	0.00E+00	4.10E+00	4.05E-07	4.10E+00	4.51E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.37E+01
NFN304	3.20E-03	5.22E-01	2.75E-02	5.01E-01	2.87E-12	0.00E+00	2.93E+00	5.65E-06	1.54E-03	4.49E-03	0.00E+00	-5.26E-04	5.79E-10	1.79E-08	1.93E-02	8.65E-01	0.00E+00	0.00E+00	2.34E+00	7.23E-03	4.18E+00	0.00E+00	3.41E-08	1.71E-08	1.26E-03	1.94E-07	4.10E-01	0.00E+00	4.18E+00	4.05E-07	4.18E+00	4.60E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.40E+01
NFN306	2.74E-03	4.88E-01	2.58E-02	4.71E-01	2.87E-12	0.00E+00	2.83E+00	5.23E-06	9.81E-04	4.27E-03	0.00E+00	-4.87E-04	4.97E-10	1.46E-08	1.80E-02	7.31E-01	0.00E+00	0.00E+00	2.19E+00	6.31E-03	3.85E+00	0.00E+00	3.10E-08	1.57E-08	1.17E-03	1.89E-07	3.91E-01	0.00E+00	3.85E+00	3.31E-07	3.85E+00	4.24E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NFN310	2.40E-03	4.88E-01	1.66E-02	4.71E-01	0.00E+00	0.00E+00	2.81E+00	5.34E-06	1.08E-03	4.25E-03	0.00E+00	-5.57E-04	5.20E-10	1.33E-08	1.86E-02	7.49E-01	0.00E+00	0.00E+00	2.17E+00	7.40E-03	3.91E+00	0.00E+00	3.12E-08	1.53E-08	1.12E-03	2.18E-07	3.82E-01	0.00E+00	3.91E+00	7.60E-07	3.91E+00	4.29E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NFN313	2.79E-03	4.91E-01	1.70E-02	4.74E-01	2.87E-12	0.00E+00	2.86E+00	5.20E-06	1.32E-03	4.38E-03	0.00E+00	-5.50E-04	5.07E-10	1.55E-08	1.84E-02	7.95E-01	0.00E+00	0.00E+00	2.20E+00	7.49E-03	3.88E+00	0.00E+00	3.14E-08	1.58E-08	1.19E-03	2.16E-07	3.95E-01	0.00E+00	3.88E+00	7.37E-07	3.88E+00	4.28E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
NFN316	2.62E-03	4.98E-01	1.80E-02	4.80E-01	0.00E+00	0.00E+00	2.89E+00	5.41E-06	1.25E-03	4.33E-03	0.00E+00	-6.72E-04	5.23E-10	1.51E-08	1.88E-02	7.80E-01	0.00E+00	0.00E+00	2.21E+00	8.92E-03	3.93E+00	0.00E+00	3.15E-08	1.56E-08	1.15E-03	2.55E-07	3.92E-01	0.00E+00	3.93E+00	6.99E-07	3.93E+00	4.32E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
NFN320	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NFN325	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NFN332	4.46E-03	5.90E-01	2.16E-02	5.68E-01	0.00E+00	0.00E+00	3.35E+00	6.11E-06	2.56E-03	5.19E-03	0.00E+00	-6.72E-04	6.27E-10	2.84E-08	2.11E-02	1.05E+00	0.00E+00	0.00E+00	2.74E+00	8.93E-03	4.56E+00	0.00E+00	3.69E-08	1.95E-08	1.45E-03	2.60E-07	4.87E-01	0.00E+00	4.56E+00	6.90E-07	4.56E+00	5.05E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	9.95E+01
NFN340	5.48E-03	5.98E-01	2.26E-02	5.76E-01	0.00E+00	0.00E+00	3.55E+00	6.48E-06	3.31E-03	5.34E-03	0.00E+00	-5.70E-04	6.88E-10	3.61E-08	2.19E-02	1.19E+00	0.00E+00	0.00E+00	3.03E+00	7.58E-03	4.83E+00	0.00E+00	3.89E-08	2.13E-08	1.55E-03	2.28E-07	5.35E-01	0.00E+00	4.83E+00	7.14E-07	4.83E+00	5.36E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NFN350	5.66E-03	6.02E-01	2.29E-02	5.79E-01	0.00E+00	0.00E+00	3.60E+00	6.57E-06	3.44E-03	5.39E-03	0.00E+00	-5.70E-04	6.92E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	7.58E-03	4.89E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.28E-07	5.44E-01	0.00E+00	4.89E+00	7.08E-07	4.89E+00	5.43E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NFN363	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NFN400	4.91E-03	7.74E-01	2.48E-02	7.51E-01	2.87E-12	0.00E+00	4.34E+00	8.05E-06	1.77E-03	6.93E-03	0.00E+00	-6.73E-04	8.13E-10	2.25E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.56E+00	8.70E-03	5.93E+00	0.00E+00	4.68E-08	2.53E-08	2.03E-03	2.44E-07	6.34E-01	0.00E+00	5.93E+00	1.19E-06	5.93E+00	6.55E+00	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NFN401	4.91E-03	6.48E-01	3.04E-02	6.24E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	1.20E-03	5.43E-03	0.00E+00	-6.71E-04	8.08E-10	2.14E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.58E-03	5.88E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.32E-07	6.29E-01	0.00E+00	5.88E+00	3.98E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NFN402	5.14E-03	6.54E-01	3.05E-02	6.30E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.80E-03	5.49E-03	0.00E+00	-6.76E-04	8.08E-10	3.20E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.50E-03	2.39E-07	6.29E-01	0.00E+00	5.89E+00	1.19E-06	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NFN403	5.20E-03	6.48E-01	3.05E-02	6.26E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	2.88E-03	5.46E-03	0.00E+00	-6.75E-04	8.09E-10	3.26E-08	2.72E-02	1.25E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.89E+00	0.00E+00	4.66E-08	2.43E-08	1.60E-03	2.39E-07	6.29E-01	0.00E+00	5.89E+00	1.19E-06	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NFN404	5.32E-03	6.47E-01	3.06E-02	6.22E-01	2.87E-12	0.00E+00	4.27E+00	7.92E-06	2.99E-03	5.44E-03	0.00E+00	-6.77E-04	7.94E-10	3.42E-08	2.67E-02	1.27E+00	0.00E+00	0.00E+00	3.45E+00	8.35E-03	5.80E+00	0.00E+00	4.60E-08	2.39E-08	1.64E-03	2.42E-07	6.17E-01	0.00E+00	5.80E+00	3.99E-07	5.80E+00	6.41E+00	6.17E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
NFN406	4.89E-03	6.26E-01	2.14E-02	5.95E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.21E-03	5.14E-03	0.00E+00	-6.78E-04	6.74E-10	2.13E-08	2.37E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.37E-03	5.03E+00	0.00E+00	4.01E-08	1.92E-08	1.40E-03	2.44E-07	5.02E-01	0.00E+00	5.03E+00	9.26E-07	5.03E+00	5.47E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NFN410	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NFN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NFN420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NFN425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NFN432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NFN440	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NFN450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NFN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NFN706	1.36E-03	3.03E-01	1.13E-02	2.88E-01	2.87E-12	0.00E+00	1.86E+00	3.44E-06	5.41E-04	2.78E-03	0.00E+00	-2.35E-04	3.17E-10	7.17E-09	1.18E-02	5.98E-01	0.00E+00	0.00E+00	1.36E+00	3.36E-03	2.55E+00	0.00E+00	2.06E-08	9.93E-09	7.51E-04	1.34E-07	2.41E-01	0.00E+00	2.55E+00	4.07E-07	2.55E+00	2.82E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
NFN710	1.38E-03	3.02E-01	1.24E-02	2.87E-01	2.87E-12	0.00E+00	1.79E+00	3.62E-06	7.48E-04	2.76E-03	0.00E+00	-2.43E-04	3.33E-10	8.68E-09	1.19E-02	6.15E-01	0.00E+00	0.00E+00	1.40E+00	3.55E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.49E-04	1.36E-07	2.44E-01	0.00E+00	2.71E+00	5.71E-07	2.71E+00	2.94E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
NFN716	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
NFN720	2.64E-03	2.98E-01	1.27E-02	2.83E-01	2.87E-12	0.00E+00	2.20E+00	4.13E-06	8.48E-04	2.76E-03	0.00E+00	-2.60E-04	3.97E-10	1.40E-08	1.40E-02	6.51E-01	0.00E+00	0.00E+00	1.74E+00	3.69E-03	3.18E+00	0.00E+00	2.56E-08	1.34E-08	9.32E-04	1.33E-07	3.26E-01	0.00E+00	3.18E+00	5.33E-07	3.18E+00	3.47E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
NFN725	2.93E-03	3.00E-01	1.29E-02	2.86E-01	2.87E-12	0.00E+00	2.23E+00	4.19E-06	1.69E-03	2.79E-03	0.00E+00	-2.59E-04	4.00E-10	1.89E-08	1.41E-02	7.06E-01	0.00E+00	0.00E+00	1.88E+00	3.70E-03	3.19E+00	0.00E+00	2.58E-08	1.36E-08	9.44E-04	1.30E-07	3.35E-01	0.00E+00	3.19E+00	5.33E-07	3.19E+00	3.52E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NFN732	3.08E-03	3.89E-01	1.15E-02	3.76E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	1.70E-03	3.43E-03	0.00E+00	-2.51E-04	3.72E-10	1.97E-08	1.39E-02	7.13E-01	0.00E+00	0.00E+00	1.89E+00	3.58E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.99E-04	1.33E-07	3.42E-01	0.00E+00	3.17E+00	4.08E-07	3.17E+00	3.48E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
NFN740	2.91E-03	3.90E-01	1.21E-02	3.76E-01	2.87E-12	0.00E+00	2.25E+00	4.22E-06	1.55E-03	3.42E-03	0.00E+00	-2.72E-04	3.74E-10	1.83E-08	1.39E-02	6.71E-01	0.00E+00	0.00E+00	1.81E+00	3.80E-03	3.19E+00	0.00E+00	2.58E-08	1.38E-08	1.00E-03	1.35E-07	3.40E-01	0.00E+00	3.19E+00	4.08E-07	3.19E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
NFN750	3.16E-03	3.90E-01	1.23E-02	3.76E-01	2.87E-12	0.00E+00	2.25E+00	4.24E-06	1.78E-03	3.42E-03	0.00E+00	-2.83E-04	3.79E-10	1.95E-08	1.40E-02	7.26E-01	0.00E+00	0.00E+00	1.91E+00	4.05E-03	3.20E+00	0.00E+00	2.59E-08	1.43E-08	1.01E-03	1.45E-07	3.44E-01	0.00E+00	3.20E+00	4.08E-07	3.20E+00	3.51E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
NFN763	4.59E-03	3.89E-01	1.30E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.26E-06	2.66E-03	3.41E-03	0.00E+00	-3.51E-04	3.79E-10	2.98E-08	1.40E-02	7.42E-01	0.00E+00	0.00E+00	1.96E+00	4.25E-03	3.21E+00	0.00E+00	2.59E-08	1.44E-08	1.01E-03	1.66E-07	3.48E-01	0.00E+00	3.21E+00	4.08E-07	3.21E+00	3.51E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
NFT306	2.36E-03	5.15E-01	1.78E-02	4.97E-01	2.24E-09	0.00E+00	2.46E+00	4.34E-06	1.07E-03	4.40E-03	0.00E+00	3.88E-03	4.71E-10	1.21E-08	1.80E-02	6.84E-01	0.00E+00	0.00E+00	1.88E+00	6.46E-04	3.61E+00	0.00E+00	2.91E-08	1.46E-08	1.14E-03	3.17E-07	3.42E-01	0.00E+00	3.61E+00	7.57E-07	3.61E+00	3.95E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
NFT310	2.57E-03	5.20E-01	1.82E-02	5.01E-01	2.27E-09	0.00E+00	2.53E+00	4.44E-06	1.23E-03	4.46E-03	0.00E+00	3.88E-03	4.73E-10	1.38E-08	1.83E-02	7.16E-01	0.00E+00	0.00E+00	1.93E+00	6.48E-04	3.68E+00	0.00E+00	2.97E-08	1.50E-08	1.16E-03	3.18E-07	3.52E-01	0.00E+00	3.68E+00	7.47E-07	3.68E+00	4.03E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
NFT316	2.82E-03	5.26E-01	1.88E-02	5.08E-01	2.31E-09	0.00E+00	2.62E+00	4.60E-06	1.40E-03	4.53E-03	0.00E+00	3.88E-03	4.90E-10	1.56E-08	1.87E-02	7.56E-01	0.00E+00	0.00E+00	2.02E+00	6.50E-04	3.78E+00	0.00E+00	3.05E-08	1.55E-08	1.20E-03	3.20E-07	3.67E-01	0.00E+00	3.78E+00	7.50E-07	3.78E+00	4.15E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
NFT320	3.30E-03	5.40E-01	1.99E-02	5.20E-01	2.38E-09	0.00E+00	2.81E+00	4.95E-06	1.74E-03	4.68E-03	0.00E+00	3.88E-03	5.34E-10	1.93E-08	1.95E-02	8.36E-01	0.00E+00	0.00E+00	2.21E+00	6.54E-04	3.99E+00	0.00E+00	3.21E-08	1.66E-08	1.26E-03	3.23E-07	4.00E-01	0.00E+00	3.99E+00	7.64E-07	3.99E+00	4.39E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
NFT325	3.30E-03	5.40E-01	1.99E-02	5.20E-01	2.38E-09	0.00E+00	2.81E+00	4.95E-06	1.74E-03	4.68E-03	0.00E+00	3.88E-03	5.34E-10	1.93E-08	1.95E-02	8.36E-01	0.00E+00	0.00E+00	2.21E+00	6.54E-04	3.99E+00	0.00E+00	3.21E-08	1.66E-08	1.26E-03	3.23E-07	4.00E-01	0.00E+00	3.99E+00	7.64E-07	3.99E+00	4.39E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
NFT332	4.14E-03	5.54E-01	2.14E-02	5.33E-01	2.43E-09	0.00E+00	2.99E+00	5.21E-06	2.37E-03	4.85E-03	0.00E+00	3.88E-03	5.71E-10	2.58E-08	2.02E-02	9.52E-01	0.00E+00	0.00E+00	2.42E+00	6.57E-04	4.18E+00	0.00E+00	3.37E-08	1.80E-08	1.35E-03	3.26E-07	4.37E-01	0.00E+00	4.18E+00	7.34E-07	4.18E+00	4.62E+00	4.37E-01	0.00E+00	0.00E+00	0.00E+00	8.85E+01
NFT340	4.48E-03	5.60E-01	2.19E-02	5.38E-01	2.44E-09	0.00E+00	3.06E+00	5.34E-06	2.62E-03	4.92E-03	0.00E+00	3.79E-03	5.93E-10	2.84E-08	2.04E-02	9.99E-01	0.00E+00	0.00E+00	2.53E+00	6.46E-04	4.27E+00	0.00E+00	3.43E-08	1.86E-08	1.38E-03	3.21E-07	4.54E-01	0.00E+00	4.27E+00	7.31E-07	4.27E+00	4.72E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
NFT701	8.99E-04	1.85E-01	4.96E-03	1.80E-01	2.87E-12	0.00E+00	9.04E-01	1.72E-06	4.02E-04	1.61E-03	0.00E+00	-7.87E-05	1.75E-10	4.62E-09	6.05E-03	2.53E-01	0.00E+00	0.00E+00	7.33E-01	1.43E-03	1.34E+00	0.00E+00	1.09E-08	5.50E-09	4.21E-04	4.55E-08	1.28E-01	0.00E+00	1.34E+00	2.76E-07	1.34E+00	1.46E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NFT702	8.86E-04	1.92E-01	5.00E-03	1.87E-01	0.00E+00	0.00E+00	9.13E-01	1.75E-06	3.97E-04	1.66E-03	0.00E+00	-1.03E-04	1.88E-10	4.58E-09	6.18E-03	2.59E-01	0.00E+00	0.00E+00	7.54E-01	1.38E-03	1.37E+00	0.00E+00	1.12E-08	5.61E-09	4.33E-04	4.73E-08	1.32E-01	0.00E+00	1.37E+00	2.96E-07	1.37E+00	1.50E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01

NFT703	9.20E-04	1.93E-01	5.19E-03	1.86E-01	2.87E-12	0.00E+00	9.43E-01	1.81E-06	4.24E-04	1.64E-03	0.00E+00	-8.04E-05	1.86E-10	4.80E-09	6.34E-03	2.64E-01	0.00E+00	0.00E+00	7.60E-01	1.45E-03	1.41E+00	0.00E+00	1.14E-08	5.64E-09	4.30E-04	4.52E-08	1.33E-01	0.00E+00	1.41E+00	2.93E-07	1.41E+00	1.54E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NFT704	9.53E-04	1.94E-01	5.09E-03	1.89E-01	0.00E+00	0.00E+00	9.40E-01	1.80E-06	4.44E-04	1.69E-03	0.00E+00	-9.42E-05	1.95E-10	5.08E-09	6.29E-03	2.70E-01	0.00E+00	0.00E+00	7.82E-01	1.26E-03	1.40E+00	0.00E+00	1.14E-08	5.77E-09	4.42E-04	4.46E-08	1.37E-01	0.00E+00	1.40E+00	3.00E-07	1.40E+00	1.54E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
NFT706	8.05E-04	1.90E-01	5.78E-03	1.84E-01	8.26E-10	0.00E+00	9.02E-01	1.60E-06	3.48E-04	1.62E-03	0.00E+00	1.05E-03	1.59E-10	4.01E-09	6.29E-03	2.40E-01	0.00E+00	0.00E+00	6.70E-01	1.88E-04	1.32E+00	0.00E+00	1.07E-08	5.27E-09	4.15E-04	9.62E-08	1.22E-01	0.00E+00	1.32E+00	2.74E-07	1.32E+00	1.44E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
NFT710	8.62E-04	1.92E-01	5.93E-03	1.86E-01	8.35E-10	0.00E+00	9.28E-01	1.65E-06	3.86E-04	1.64E-03	0.00E+00	1.05E-03	1.68E-10	4.43E-09	6.41E-03	2.50E-01	0.00E+00	0.00E+00	7.01E-01	1.89E-04	1.34E+00	0.00E+00	1.09E-08	5.42E-09	4.24E-04	9.67E-08	1.27E-01	0.00E+00	1.34E+00	2.79E-07	1.34E+00	1.47E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
NFT716	9.44E-04	1.94E-01	6.12E-03	1.88E-01	8.47E-10	0.00E+00	9.59E-01	1.71E-06	4.45E-04	1.66E-03	0.00E+00	1.05E-03	1.74E-10	5.06E-09	6.55E-03	2.64E-01	0.00E+00	0.00E+00	7.31E-01	1.89E-04	1.38E+00	0.00E+00	1.12E-08	5.60E-09	4.34E-04	9.73E-08	1.32E-01	0.00E+00	1.38E+00	2.80E-07	1.38E+00	1.51E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NFT720	1.48E-03	1.95E-01	5.81E-03	1.89E-01	0.00E+00	0.00E+00	1.03E+00	1.89E-06	8.52E-04	1.72E-03	0.00E+00	-8.01E-05	2.01E-10	9.29E-09	6.50E-03	3.36E-01	0.00E+00	0.00E+00	8.74E-01	1.08E-03	1.46E+00	0.00E+00	1.19E-08	6.36E-09	4.80E-04	4.01E-08	1.55E-01	0.00E+00	1.46E+00	2.45E-07	1.46E+00	1.61E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
NFT725	1.48E-03	1.96E-01	5.83E-03	1.90E-01	0.00E+00	0.00E+00	1.04E+00	1.91E-06	8.52E-04	1.73E-03	0.00E+00	-8.01E-05	2.05E-10	9.31E-09	6.52E-03	3.37E-01	0.00E+00	0.00E+00	8.83E-01	1.08E-03	1.47E+00	0.00E+00	1.19E-08	6.39E-09	4.81E-04	4.02E-08	1.56E-01	0.00E+00	1.47E+00	2.49E-07	1.47E+00	1.62E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
NFT732	1.57E-03	1.98E-01	6.01E-03	1.92E-01	0.00E+00	0.00E+00	1.07E+00	1.95E-06	9.15E-04	1.75E-03	0.00E+00	-8.01E-05	2.08E-10	9.97E-09	6.65E-03	3.51E-01	0.00E+00	0.00E+00	9.05E-01	1.08E-03	1.50E+00	0.00E+00	1.22E-08	6.55E-09	4.91E-04	4.04E-08	1.61E-01	0.00E+00	1.50E+00	2.46E-07	1.50E+00	1.66E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
NFT740	1.59E-03	2.07E-01	7.37E-03	1.99E-01	8.98E-10	0.00E+00	1.12E+00	1.98E-06	9.20E-04	1.81E-03	0.00E+00	1.05E-03	2.13E-10	1.00E-08	7.21E-03	3.57E-01	0.00E+00	0.00E+00	9.24E-01	1.92E-04	1.56E+00	0.00E+00	1.26E-08	6.77E-09	5.06E-04	9.97E-08	1.65E-01	0.00E+00	1.56E+00	2.72E-07	1.56E+00	1.73E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NFT806	2.37E-03	5.32E-01	1.74E-02	5.14E-01	2.32E-09	0.00E+00	2.54E+00	4.49E-06	1.06E-03	4.54E-03	0.00E+00	3.53E-03	4.73E-10	1.21E-08	1.84E-02	6.99E-01	0.00E+00	0.00E+00	1.92E+00	6.04E-04	3.72E+00	0.00E+00	3.01E-08	1.50E-08	1.17E-03	3.01E-07	3.50E-01	0.00E+00	3.72E+00	7.74E-07	3.72E+00	4.07E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
NFT810	2.57E-03	5.36E-01	1.79E-02	5.19E-01	2.34E-09	0.00E+00	2.61E+00	4.60E-06	1.20E-03	4.60E-03	0.00E+00	3.53E-03	4.83E-10	1.36E-08	1.87E-02	7.30E-01	0.00E+00	0.00E+00	1.99E+00	6.05E-04	3.79E+00	0.00E+00	3.07E-08	1.54E-08	1.20E-03	3.03E-07	3.61E-01	0.00E+00	3.79E+00	7.73E-07	3.79E+00	4.15E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
NFT816	2.82E-03	5.43E-01	1.84E-02	5.25E-01	2.38E-09	0.00E+00	2.70E+00	4.77E-06	1.38E-03	4.67E-03	0.00E+00	3.53E-03	5.01E-10	1.55E-08	1.91E-02	7.70E-01	0.00E+00	0.00E+00	2.08E+00	6.08E-04	3.89E+00	0.00E+00	3.14E-08	1.59E-08	1.23E-03	3.04E-07	3.77E-01	0.00E+00	3.89E+00	7.76E-07	3.89E+00	4.27E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
NFT820	3.69E-03	5.62E-01	2.02E-02	5.42E-01	2.46E-09	0.00E+00	2.96E+00	5.20E-06	2.02E-03	4.89E-03	0.00E+00	3.53E-03	5.59E-10	2.22E-08	2.01E-02	9.01E-01	0.00E+00	0.00E+00	2.36E+00	6.13E-04	4.17E+00	0.00E+00	3.36E-08	1.76E-08	1.33E-03	3.08E-07	4.25E-01	0.00E+00	4.17E+00	7.72E-07	4.17E+00	4.60E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.56E+01
NFT825	3.69E-03	5.63E-01	2.02E-02	5.43E-01	2.47E-09	0.00E+00	2.96E+00	5.22E-06	2.02E-03	4.89E-03	0.00E+00	3.53E-03	5.63E-10	2.22E-08	2.02E-02	9.02E-01	0.00E+00	0.00E+00	2.36E+00	6.13E-04	4.18E+00	0.00E+00	3.37E-08	1.76E-08	1.33E-03	3.08E-07	4.26E-01	0.00E+00	4.18E+00	7.76E-07	4.18E+00	4.60E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.59E+01
NFT832	4.35E-03	5.74E-01	2.14E-02	5.53E-01	2.51E-09	0.00E+00	3.11E+00	5.44E-06	2.50E-03	5.02E-03	0.00E+00	3.53E-03	5.90E-10	2.72E-08	2.07E-02	9.93E-01	0.00E+00	0.00E+00	2.53E+00	6.16E-04	4.34E+00	0.00E+00	3.50E-08	1.87E-08	1.40E-03	3.11E-07	4.56E-01	0.00E+00	4.34E+00	7.53E-07	4.34E+00	4.79E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.23E+01
NFT840	4.57E-03	5.78E-01	2.17E-02	5.57E-01	2.52E-09	0.00E+00	3.16E+00	5.54E-06	2.66E-03	5.07E-03	0.00E+00	3.47E-03	6.09E-10	2.89E-08	2.09E-02	1.03E+00	0.00E+00	0.00E+00	2.61E+00	6.08E-04	4.40E+00	0.00E+00	3.54E-08	1.91E-08	1.42E-03	3.08E-07	4.68E-01	0.00E+00	4.40E+00	7.55E-07	4.40E+00	4.87E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
NGN100	1.06E-03	2.01E-01	6.98E-03	1.83E-01	2.87E-12	0.00E+00	1.07E+00	1.98E-06	4.85E-04	1.74E-03	0.00E+00	-2.66E-04	2.28E-10	5.56E-09	7.08E-03	3.04E-01	0.00E+00	0.00E+00	8.10E-01	3.36E-03	1.49E+00	0.00E+00	1.22E-08	5.93E-09	4.67E-04	9.02E-08	1.45E-01	0.00E+00	1.49E+00	7.28E-07	1.49E+00	1.64E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
NGN101	1.02E-03	1.87E-01	6.00E-03	1.80E-01	2.87E-12	0.00E+00	9.77E-01	1.82E-06	4.67E-04	1.57E-03	0.00E+00	-2.25E-04	1.86E-10	5.32E-09	6.40E-03	2.72E-01	0.00E+00	0.00E+00	7.79E-01	3.18E-03	1.38E+00	0.00E+00	1.13E-08	5.75E-09	4.25E-04	8.95E-08	1.37E-01	0.00E+00	1.38E+00	2.56E-07	1.38E+00	1.52E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NGN102	1.03E-03	1.86E-01	6.09E-03	1.80E-01	2.87E-12	0.00E+00	9.93E-01	1.86E-06	4.76E-04	1.56E-03	0.00E+00	-2.22E-04	1.88E-10	5.33E-09	6.44E-03	2.77E-01	0.00E+00	0.00E+00	7.97E-01	3.17E-03	1.39E+00	0.00E+00	1.13E-08	5.77E-09	4.26E-04	8.91E-08	1.40E-01	0.00E+00	1.39E+00	2.58E-07	1.39E+00	1.53E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
NGN103	1.02E-03	1.82E-01	5.86E-03	1.78E-01	2.87E-12	0.00E+00	9.63E-01	1.81E-06	4.74E-04	1.54E-03	0.00E+00	-2.27E-04	1.83E-10	5.31E-09	6.25E-03	2.68E-01	0.00E+00	0.00E+00	7.77E-01	3.15E-03	1.37E+00	0.00E+00	1.12E-08	5.72E-09	4.26E-04	8.89E-08	1.36E-01	0.00E+00	1.37E+00	2.59E-07	1.37E+00	1.50E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NGN104	1.05E-03	1.87E-01	6.12E-03	1.80E-01	2.87E-12	0.00E+00	1.02E+00	1.91E-06	5.09E-04	1.56E-03	0.00E+00	-2.23E-04	1.91E-10	5.86E-09	6.54E-03	2.81E-01	0.00E+00	0.00E+00	8.02E-01	3.14E-03	1.41E+00	0.00E+00	1.14E-08	5.82E-09	4.31E-04	8.77E-08	1.42E-01	0.00E+00	1.41E+00	2.59E-07	1.41E+00	1.55E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
NGN106	8.44E-04	1.69E-01	5.71E-03	1.64E-01	2.87E-12	0.00E+00	9.36E-01	1.73E-06	3.80E-04	1.49E-03	0.00E+00	-1.77E-04	1.71E-10	4.80E-09	6.00E-03	2.57E-01	0.00E+00	0.00E+00	7.26E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.36E-09	3.93E-04	7.70E-08	1.30E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NGN110	8.41E-04	1.68E-01	5.60E-03	1.62E-01	2.87E-12	0.00E+00	9.17E-01	1.73E-06	3.99E-04	1.49E-03	0.00E+00	-1.94E-04	1.72E-10	4.88E-09	5.92E-03	2.56E-01	0.00E+00	0.00E+00	7.21E-01	2.58E-03	1.29E+00	0.00E+00	1.04E-08	5.34E-09	3.89E-04	7.62E-08	1.28E-01	0.00E+00	1.29E+00	2.36E-07	1.29E+00	1.42E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NGN113	9.29E-04	1.70E-01	6.39E-03	1.63E-01	2.87E-12	0.00E+00	9.69E-01	1.77E-06	4.24E-04	1.52E-03	0.00E+00	-1.90E-04	1.94E-10	5.18E-09	6.19E-03	2.70E-01	0.00E+00	0.00E+00	7.68E-01	2.51E-03	1.33E+00	0.00E+00	1.08E-08	5.51E-09	4.00E-04	7.53E-08	1.37E-01	0.00E+00	1.33E+00	2.54E-07	1.33E+00	1.46E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
NGN116	8.99E-04	1.68E-01	5.75E-03	1.62E-01	2.87E-12	0.00E+00	9.39E-01	1.78E-06	4.47E-04	1.48E-03	0.00E+00	-1.94E-04	1.79E-10	5.46E-09	6.00E-03	2.61E-01	0.00E+00	0.00E+00	7.40E-01	2.56E-03	1.31E+00	0.00E+00	1.05E-08	5.36E-09	3.93E-04	7.44E-08	1.31E-01	0.00E+00	1.31E+00	2.39E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
NGN120	1.01E-03	1.69E-01	6.05E-03	1.63E-01	2.87E-12	0.00E+00	1.03E+00	1.94E-06	5.07E-04	1.51E-03	0.00E+00	-1.88E-04	1.88E-10	6.51E-09	6.42E-03	2.90E-01	0.00E+00	0.00E+00	8.09E-01	2.52E-03	1.40E+00	0.00E+00	1.11E-08	5.60E-09	4.03E-04	7.35E-08	1.43E-01	0.00E+00	1.40E+00	2.50E-07	1.40E+00	1.54E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NGN125	1.39E-03	1.68E-01	6.13E-03	1.62E-01	2.87E-12	0.00E+00	1.04E+00	1.93E-06	7.30E-04	1.51E-03	0.00E+00	-1.92E-04	1.91E-10	8.34E-09	6.38E-03	3.21E-01	0.00E+00	0.00E+00	8.78E-01	2.55E-03	1.39E+00	0.00E+00	1.11E-08	5.87E-09	4.18E-04	7.43E-08	1.55E-01	0.00E+00	1.39E+00	2.49E-07	1.39E+00	1.54E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
NGN132	1.48E-03	1.87E-01	6.52E-03	1.83E-01	2.87E-12	0.00E+00	1.09E+00	2.02E-06	8.96E-04	1.60E-03	0.00E+00	-1.75E-04	2.04E-10	9.77E-09	6.75E-03	3.37E-01	0.00E+00	0.00E+00	9.23E-01	2.54E-03	1.48E+00	0.00E+00	1.20E-08	6.41E-09	4.57E-04	7.42E-08	1.64E-01	0.00E+00	1.48E+00	2.47E-07	1.48E+00	1.64E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NGN140	1.49E-03	1.96E-01	6.82E-03	1.88E-01	2.87E-12	0.00E+00	1.09E+00	2.00E-06	9.15E-04	1.71E-03	0.00E+00	-1.87E-04	2.06E-10	9.71E-09	6.84E-03	3.47E-01	0.00E+00	0.00E+00	9.20E-01	2.69E-03	1.48E+00	0.00E+00	1.21E-08	6.33E-09	4.71E-04	7.50E-08	1.61E-01	0.00E+00	1.48E+00	2.46E-07	1.48E+00	1.65E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NGN150	1.58E-03	1.96E-01	6.40E-03	1.88E-01	2.87E-12	0.00E+00	1.14E+00	1.91E-06	9.63E-04	1.70E-03	0.00E+00	-1.98E-04	2.06E-10	1.04E-08	6.75E-03	3.67E-01	0.00E+00	0.00E+00	9.37E-01	2.69E-03	1.48E+00	0.00E+00	1.22E-08	6.74E-09	4.83E-04	8.19E-08	1.67E-01	0.00E+00	1.48E+00	2.55E-07	1.48E+00	1.65E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
NGN163	1.67E-03	1.99E-01	7.08E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	2.04E-06	1.17E-03	1.73E-03	0.00E+00	-1.86E-04	2.07E-10	1.20E-08	6.95E-03	3.76E-01	0.00E+00	0.00E+00	9.60E-01	2.69E-03	1.50E+00	0.00E+00	1.22E-08	6.71E-09	4.76E-04	7.50E-08	1.71E-01	0.00E+00	1.50E+00	2.45E-07	1.50E+00	1.66E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NGN200	2.69E-03	3.85E-01	1.27E-02	3.69E-01	2.87E-12	0.00E+00	2.22E+00	4.23E-06	6.42E-04	3.39E-03	0.00E+00	-3.07E-04	4.14E-10	1.27E-08	1.46E-02	6.59E-01	0.00E+00	0.00E+00	1.77E+00	3.87E-03	3.21E+00	0.00E+00	2.63E-08	1.36E-08	9.59E-04	1.38E-07	3.35E-01	0.00E+00	3.21E+00	4.34E-07	3.21E+00	3.48E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
NGN201	2.67E-03	3.84E-01	1.27E-02	3.69E-01	2.87E-12	0.00E+00	2.22E+00	4.24E-06	5.79E-04	3.38E-03	0.00E+00	-3.07E-04	4.14E-10	1.22E-08	1.47E-02	6.59E-01	0.00E+00	0.00E+00	1.77E+00	3.92E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.57E-04	1.38E-07	3.35E-01	0.00E+00	3.22E+00	4.35E-07	3.22E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
NGN202	2.70E-03	3.00E-01	1.17E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	9.10E-04	2.83E-03	0.00E+00	-3.03E-04	3.69E-10	1.44E-08	1.44E-02	6.57E-01	0.00E+00	0.00E+00	1.77E+00	3.83E-03	3.24E+00	0.00E+00	2.61E-08	1.37E-08	9.33E-04	1.37E-07	3.36E-01	0.00E+00	3.24E+00	4.18E-07	3.24E+00	3.52E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
NGN203	2.68E-03	3.80E-01	1.25E-02	3.65E-01	2.87E-12	0.00E+00	2.22E+00	4.22E-06	8.83E-04	3.34E-03	0.00E+00	-3.04E-04	4.08E-10	1.41E-08	1.44E-02	6.56E-01	0.00E+00	0.00E+00	1.77E+00	3.82E-03	3.20E+00	0.00E+00	2.61E-08	1.36E-08	9.57E-04	1.34E-07	3.36E-01	0.00E+00	3.20E+00	4.19E-07	3.20E+00	3.47E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
NGN204	2.72E-03	3.83E-01	1.17E-02	3.67E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	9.30E-04	3.37E-03	0.00E+00	-2.97E-04	3.79E-10	1.47E-08	1.44E-02	6.57E-01	0.00E+00	0.00E+00	1.78E+00	3.83E-03	3.20E+00	0.00E+00	2.61E-08	1.37E-08	9.58E-04	1.34E-07	3.37E-01	0.00E+00	3.20E+00	4.18E-07	3.20E+00	3.46E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
NGN206	1.53E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	2.03E+00	3.63E-06	5.80E-04	2.77E-03	0.00E+00	-2.40E-04	3.69E-10	8.37E-09	1.23E-02	6.30E-01	0.00E+00	0.00E+00	1.45E+00	3.40E-03	2.63E+00	0.00E+00	2.12E-08	1.05E-08	7.77E-04	1.27E-07	2.59E-01	0.00E+00	2.63E+00	4.09E-07	2.63E+00	2.91E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NGN210	1.40E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	1.96E+00	3.74E-06	8.05E-04	2.76E-03	0.00E+00	-2.39E-04	3.69E-10	9.13E-09	1.22E-02	6.43E-01	0.00E+00	0.00E+00	1.42E+00	3.47E-03	2.71E+00	0.00E+00	2.11E-08	1.03E-08	7.50E-04	1.28E-07	2.47E-01	0.00E+00	2.71E+00	5.29E-07	2.71E+00	2.94E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NGN216	1.55E-03	3.02E-01	1.25E-02	2.86E-01	2.87E-12	0.00E+00	2.05E+00	3.82E-06	8.05E-04	2.76E-03	0.00E+00	-2.50E-04	3.78E-10	1.00E-08	1.26E-02	6.58E-01	0.00E+00	0.00E+00	1.48E+00	3.65E-03	2.77E+00	0.00E+00	2.16E-08	1.09E-08	7.74E-04	1.27E-07	2.61E-01	0.00E+00	2.77E+00	5.24E-07	2.77E+00	3.01E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
NGN220	2.71E-03	3.05E-01	1.26E-02	2.93E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	8.92E-04	2.82E-03	0.00E+00	-2.55E-04	4.12E-10	1.45E-08	1.47E-02	6.83E-01	0.00E+00	0.00E+00	1.79E+00	3.63E-03	3.20E+00	0.00E+00	2.60E-08	1.37E-08	9.25E-04	1.27E-07	3.37E-01	0.00E+00	3.20E+00	5.25E-07	3.20E+00	3.50E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
NGN225	2.98E-03	3.06E-01	1.28E-02	2.94E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	1.61E-03	2.82E-03	0.00E+00	-2.56E-04	4.12E-10	1.83E-08	1.47E-02	7.13E-01	0.00E+00	0.00E+00	1.90E+00	3.64E-03	3.21E+00	0.00E+00	2.61E-08	1.38E-08	9.31E-04	1.24E-07	3.41E-01	0.00E+00	3.21E+00	5.26E-07	3.21E+00	3.54E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
NGN232	3.06E-03	3.94E-01	1.26E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.28E-06	1.72E-03	3.42E-03	0.00E+00	-3.23E-04	4.22E-10	1.96E-08	1.47E-02	7.14E-01	0.00E+00	0.00E+00	1.90E+00	3.80E-03	3.18E+00	0.00E+00	2.60E-08	1.39E-08	9.65E-04	1.30E-07	3.43E-01	0.00E+00	3.18E+00	4.28E-07	3.18E+00	3.49E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
NGN240	2.85E-03	3.95E-01	1.24E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.45E-03	3.39E-03	0.00E+00	-3.36E-04	3.84E-10	1.69E-08	1.44E-02	6.85E-01	0.00E+00	0.00E+00	1.83E+00	3.98E-03	3.18E+00	0.00E+00	2.58E-08	1.38E-08	9.64E-04	1.29E-07	3.40E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
NGN250	3.17E-03	3.97E-01	1.42E-02	3.79E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.82E-03	3.39E-03	0.00E+00	-3.60E-04	4.39E-10	1.98E-08	1.44E-02	7.38E-01	0.00E+00	0.00E+00	1.96E+00	4.25E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	9.70E-04	1.39E-07	3.48E-01	0.00E+00	3.20E+00	4.10E-07	3.20E+00	3.52E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NGN263	4.61E-03	3.98E-01	1.44E-02	3.79E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.65E-03	3.39E-03	0.00E+00	-3.61E-04	4.41E-10	2.94E-08	1.45E-02	7.44E-01	0.00E+00	0.00E+00	1.96E+00	4.33E-03	3.21E+00	0.00E+00	2.60E-08	1.44E-08	9.72E-04	1.61E-07	3.49E-01	0.00E+00	3.21E+00	4.10E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NGN300	3.10E-03	5.49E-01	1.67E-02	5.26E-01	2.87E-12	0.00E+00	3.19E+00	5.86E-06	1.08E-03	4.77E-03	0.00E+00	-5.76E-04	5.81E-10	1.51E-08	2.05E-02	8.47E-01	0.00E+00	0.00E+00	2.33E+00	7.41E-03	4.26E+00	0.00E+00	3.46E-08	1.70E-08	1.30E-03	2.00E-07	4.15E-01	0.00E+00	4.26E+00	1.10E-06	4.26E+00	4.67E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
NGN301	2.77E-03	4.86E-01	2.72E-02	4.71E-01	2.87E-12	0.00E+00	2.85E+00	5.37E-06	8.80E-04	4.22E-03	0.00E+00	-5.26E-04	5.04E-10	1.38E-08	1.85E-02	7.96E-01	0.00E+00	0.00E+00	2.27E+00	7.11E-03	3.92E+00	0.00E+00	3.15E-08	1.62E-08	1.20E-03	1.92E-07	3.96E-01	0.00E+00	3.92E+00	4.00E-07	3.92E+00	4.32E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
NGN302	3.11E-03	5.23E-01	2.73E-02	5.02E-01	2.87E-12	0.00E+00	2.91E+00	5.60E-06	1.40E-03	4.50E-03	0.00E+00	-5.27E-04	5.71E-10	1.63E-08	1.92E-02	8.48E-01	0.00E+00	0.00E+00	2.32E+00	7.19E-03	4.18E+00	0.00E+00	3.40E-08	1.69E-08	1.26E-03	1.90E-07	4.11E-01	0.00E+00	4.18E+00	3.98E-07	4.18E+00	4.60E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.32E+01
NGN303	2.92E-03	5.11E-01	2.73E-02	4.91E-01	2.87E-12	0.00E+00	2.87E+00	5.44E-06	1.43E-03	4.26E-03	0.00E+00	-5.28E-04	5.12E-10	1.65E-08	1.87E-02	8.30E-01	0.00E+00	0.00E+00	2.31E+00	7.21E-03	3.93E+00	0.00E+00	3.17E-08	1.62E-08	1.23E-03	1.90E-07	4.04E-01	0.00E+00	3.93E+00	3.97E-07	3.93E+00	4.34E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.31E+01
NGN304	3.00E-03	5.10E-01	2.75E-02	4.90E-01	2.87E-12	0.00E+00	2.91E+00	5.51E-06	1.51E-03	4.25E-03	0.00E+00	-5.26E-04	5.24E-10	1.74E-08	1.88E-02	8.35E-01	0.00E+00	0.00E+00	2.33E+00	7.24E-03	3.97E+00	0.00E+00	3.22E-08	1.64E-08	1.23E-03	1.94E-07	4.04E-01	0.00E+00	3.97E+00	3.97E-07	3.97E+00	4.40E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
NGN306	2.75E-03	4.94E-01	2.56E-02	4.77E-01	2.87E-12	0.00E+00	2.83E+00	5.22E-06	9.95E-04	4.22E-03	0.00E+00	-4.87E-04	4.97E-10	1.45E-08	1.80E-02	7.32E-01	0.00E+00	0.00E+00	2.18E+00	6.31E-03	3.86E+00	0.00E+00	3.12E-08	1.57E-08	1.17E-03	1.84E-07	3.86E-01	0.00E+00	3.86E+00	3.32E-07	3.86E+00	4.24E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	7.75E+01
NGN310	2.71E-03	4.82E-01	1.43E-02	4.66E-01	2.87E-12	0.00E+00	2.76E+00	5.00E-06	1.31E-03	4.13E-03	0.00E+00	-4.05E-04	4.93E-10	1.49E-08	1.74E-02	7.30E-01	0.00E+00	0.00E+00	1.98E+00	5.13E-03	3.65E+00	0.00E+00	2.94E-08	1.42E-08	1.12E-03	1.75E-07	3.55E-01	0.00E+00	3.65E+00	7.35E-07	3.65E+00	3.99E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.12E+01
NGN316	2.89E-03	4.93E-01	1.48E-02	4.73E-01	2.87E-12	0.00E+00	2.86E+00	5.30E-06	1.45E-03	4.22E-03	0.00E+00	-4.98E-04	5.24E-10	1.68E-08	1.83E-02	7.54E-01	0.00E+00	0.00E+00	2.22E+00	6.50E-03	3.92E+00	0.00E+00	3.14E-08	1.58E-08	1.18E-03	1.96E-07	3.91E-01	0.00E+00	3.92E+00	7.53E-07	3.92E+00	4.32E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
NGN320	3.02E-03	5.18E-01	1.68E-02	4.96E-01	2.87E-12	0.00E+00	2.92E+00	5.37E-06	1.51E-03	4.40E-03	0.00E+00	-5.46E-04	5.26E-10	1.78E-08	1.88E-02	8.18E-01	0.00E+00	0.00E+00	2.27E+00	7.55E-03	3.96E+00	0.00E+00	3.20E-08	1.62E-08	1.22E-03	2.08E-07	4.02E-01	0.00E+00	3.96E+00	7.55E-07	3.96E+00	4.38E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	8.18E+01
NGN325	3.25E-03	5.00E-01	1.86E-02	4.77E-01	2.87E-12	0.00E+00	3.00E+00	5.56E-06	1.70E-03	4.37E-03	0.00E+00	-5.50E-04	5.55E-10	1.93E-08	1.91E-02	9.17E-01	0.00E+00	0.00E+00	2.67E+00	7.55E-03	4.05E+00	0.00E+00	3.25E-08	1.83E-08	1.27E-03	2.12E-07	4.65E-01	0.00E+00	4.05E+00	7.46E-07	4.05E+00	4.50E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	9.52E+01
NGN332	4.61E-03	5.65E-01	2.99E-02	5.40E-01	2.87E-12	0.00E+00	3.13E+00	5.81E-06	2.67E-03	5.09E-03	0.00E+00	-5.64E-04	6.13E-10	2.99E-08	1.98E-02	1.08E+00	0.00E+00	0.00E+00	2.73E+00	7.40E-03	4.37E+00	0.00E+00	3.54E-08	1.96E-08	1.44E-03	2.11E-07	4.83E-01	0.00E+00	4.37E+00	3.35E-07	4.37E+00	4.85E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
NGN340	3.46E-03	5.64E-01	2.90E-02	5.44E-01	2.87E-12	0.00E+00	3.25E+00	5.97E-06	1.83E-03	5.10E-03	0.00E+00	-6.68E-04	6.20E-10	2.05E-08	2.07E-02	9.24E-01	0.00E+00	0.00E+00	2.63E+00	7.48E-03	4.34E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.17E-07	4.66E-01	0.00E+00	4.34E+00	3.35E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
NGN350	4.86E-03	5.69E-01	3.10E-02	5.44E-01	2.87E-12	0.00E+00	3.33E+00	6.02E-06	2.88E-03	5.12E-03	0.00E+00	-6.64E-04	6.39E-10	3.21E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.86E+00	7.56E-03	4.42E+00	0.00E+00	3.57E-08	2.05E-08	1.49E-03	2.30E-07	5.11E-01	0.00E+00	4.42E+00	3.25E-07	4.42E+00	4.91E+00	5.11E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NGN363	4.71E-03	5.66E-01	3.07E-02	5.41E-01	2.87E-12	0.00E+00	3.13E+00	5.80E-06	2.79E-03	5.10E-03	0.00E+00	-6.42E-04	6.24E-10	3.05E-08	1.99E-02	1.14E+00	0.00E+00	0.00E+00	2.84E+00	7.67E-03	4.37E+00	0.00E+00	3.55E-08	2.04E-08	1.48E-03	2.29E-07	5.07E-01	0.00E+00	4.37E+00	3.25E-07	4.37E+00	4.85E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NGN400	4.91E-03	7.88E-01	2.51E-02	7.64E-01	2.87E-12	0.00E+00	4.35E+00	8.02E-06	1.79E-03	7.06E-03	0.00E+00	-6.79E-04	8.23E-10	2.29E-08	2.74E-02	1.30E+00	0.00E+00	0.00E+00	3.53E+00	8.71E-03	6.05E+00	0.00E+00	4.68E-08	2.52E-08	2.04E-03	2.48E-07	6.34E-01	0.00E+00	6.05E+00	1.19E-06	6.05E+00	6.68E+00	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN401	4.91E-03	6.48E-01	3.04E-02	6.25E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	1.19E-03	5.43E-03	0.00E+00	-6.70E-04	8.09E-10	2.13E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.58E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.32E-07	6.29E-01	0.00E+00	5.89E+00	4.00E-07	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN402	5.14E-03	6.52E-01	3.05E-02	6.30E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.80E-03	5.49E-03	0.00E+00	-6.76E-04	8.08E-10	3.20E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.50E-03	2.39E-07	6.29E-01	0.00E+00	5.89E+00	4.07E-07	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN403	5.19E-03	6.49E-01	3.05E-02	6.26E-01	2.87E-12	0.00E+00	4.36E+00	8.06E-06	2.88E-03	5.46E-03	0.00E+00	-6.74E-04	8.09E-10	3.26E-08	2.72E-02	1.26E+00	0.00E+00	0.00E+00	3.56E+00	8.63E-03	5.91E+00	0.00E+00	4.67E-08	2.43E-08	1.60E-03	2.41E-07	6.31E-01	0.00E+00	5.91E+00	1.19E-06	5.91E+00	6.53E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NGN404	5.32E-03	6.50E-01	3.07E-02	6.25E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.99E-03	5.47E-03	0.00E+00	-6.77E-04	8.09E-10	3.42E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	3.53E+00	8.64E-03	5.88E+00	0.00E+00	4.66E-08	2.43E-08	1.65E-03	2.46E-07	6.29E-01	0.00E+00	5.88E+00	3.99E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN406	4.90E-03	6.19E-01	2.12E-02	5.93E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.19E-03	5.14E-03	0.00E+00	-6.72E-04	6.73E-10	2.14E-08	2.36E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00	8.33E-03	5.03E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.30E-07	5.05E-01	0.00E+00	5.03E+00	9.22E-07	5.03E+00	5.48E+00	5.05E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NGN410	3.66E-03	6.07E-01	1.80E-02	5.95E-01	2.87E-12	0.00E+00	3.44E+00	6.52E-06	1.80E-03	5.34E-03	0.00E+00	-6.22E-04	5.95E-10	2.05E-08	2.21E-02	9.02E-01	0.00E+00	0.00E+00	2.47E+00	8.37E-03	4.67E+00	0.00E+00	3.68E-08	1.72E-08	1.34E-03	2.49E-07	4.41E-01	0.00E+00	4.67E+00	9.33E-07	4.67E+00	5.03E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.90E+01
NGN416	5.25E-03	6.30E-01	2.21E-02	6.09E-01	2.87E-12	0.00E+00	3.75E+00	6.97E-06	2.93E-03	5.70E-03	0.00E+00	-6.87E-04	6.80E-10	3.32E-08	2.37E-02	1.08E+00	0.00E+00	0.00E+00	3.00E+00	8.57E-03	5.14E+00	0.00E+00	4.11E-08	2.11E-08	1.55E-03	2.54E-07	5.31E-01	0.00E+00	5.14E+00	9.64E-07	5.14E+00	5.67E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NGN420	5.32E-03	6.64E-01	2.52E-02	6.38E-01	2.87E-12	0.00E+00	4.35E+00	8.04E-06	2.99E-03	5.98E-03	0.00E+00	-6.89E-04	8.09E-10	3.43E-08	2.71E-02	1.28E+00	0.00E+00	0.00E+00	3.53E+00	8.88E-03	5.87E+00	0.00E+00	4.65E-08	2.43E-08	1.66E-03	2.61E-07	6.25E-01	0.00E+00	5.87E+00	9.69E-07	5.87E+00	6.50E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN425	4.85E-03	6.63E-01	2.56E-02	6.36E-01	2.87E-12	0.00E+00	4.35E+00	8.05E-06	2.71E-03	5.98E-03	0.00E+00	-6.91E-04	8.11E-10	3.12E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	3.54E+00	8.97E-03	5.89E+00	0.00E+00	4.69E-08	2.47E-08	1.66E-03	2.70E-07	6.25E-01	0.00E+00	5.89E+00	9.67E-07	5.89E+00	6.52E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NGN432	6.43E-03	7.80E-01	3.13E-02	7.58E-01	2.87E-12	0.00E+00	4.51E+00	8.41E-06	3.61E-03	7.00E-03	0.00E+00	-6.89E-04	8.44E-10	4.06E-08	2.74E-02	1.46E+00	0.00E+00	0.00E+00	3.82E+00	8.71E-03	6.12E+00	0.00E+00	4.99E-08	2.70E-08	2.05E-03	2.61E-07	6.69E-01	0.00E+00	6.12E+00	9.43E-07	6.12E+00	6.78E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
NGN440	6.48E-03	7.95E-01	2.61E-02	7.69E-01	2.87E-12	0.00E+00	4.55E+00	8.54E-06	3.69E-03	7.12E-03	0.00E+00	-7.46E-04	8.39E-10	4.04E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.80E-03	6.28E+00	0.00E+00	5.04E-08	2.72E-08	2.06E-03	2.82E-07	6.87E-01	0.00E+00	6.28E+00	9.37E-07	6.28E+00	6.97E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NGN450	6.50E-03	7.98E-01	3.14E-02	7.71E-01	2.87E-12	0.00E+00	4.56E+00	8.58E-06	3.71E-03	7.15E-03	0.00E+00	-7.49E-04	8.50E-10	4.10E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.90E-01	0.00E+00	6.31E+00	3.50E-07	6.31E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NGN463	6.92E-03	8.00E-01	2.99E-02	7.70E-01	2.87E-12	0.00E+00	4.71E+00	8.60E-06	4.03E-03	7.14E-03	0.00E+00	-7.50E-04	9.20E-10	4.52E-08	2.95E-02	1.56E+00	0.00E+00	0.00E+00	3.98E+00	8.95E-03	6.38E+00	0.00E+00	5.12E-08	2.79E-08	2.07E-03	2.88E-07	7.06E-01	0.00E+00	6.38E+00	9.36E-07	6.38E+00	7.09E+00	7.06E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
NGT306	2.36E-03	5.15E-01	1.78E-02	4.98E-01	2.24E-09	0.00E+00	2.46E+00	4.34E-06	1.07E-03	4.40E-03	0.00E+00	3.88E-03	4.71E-10	1.21E-08	1.80E-02	6.85E-01	0.00E+00	0.00E+00	1.89E+00	6.46E-04	3.61E+00	0.00E+00	2.91E-08	1.46E-08	1.14E-03	3.17E-07	3.42E-01	0.00E+00	3.61E+00	7.58E-07	3.61E+00	3.96E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
NGT310	2.57E-03	5.20E-01	1.82E-02	5.02E-01	2.27E-09	0.00E+00	2.53E+00	4.44E-06	1.23E-03	4.46E-03	0.00E+00	3.88E-03	4.73E-10	1.38E-08	1.83E-02	7.17E-01	0.00E+00	0.00E+00	1.93E+00	6.48E-04	3.68E+00	0.00E+00	2.97E-08	1.50E-08	1.17E-03	3.18E-07	3.52E-01	0.00E+00	3.68E+00	7.47E-07	3.68E+00	4.04E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
NGT316	2.82E-03	5.27E-01	1.88E-02	5.08E-01	2.31E-09	0.00E+00	2.62E+00	4.60E-06	1.40E-03	4.53E-03	0.00E+00	3.88E-03	4.91E-10	1.56E-08	1.87E-02	7.57E-01	0.00E+00	0.00E+00	2.02E+00	6.50E-04	3.78E+00	0.00E+00	3.05E-08	1.55E-08	1.20E-03	3.20E-07	3.68E-01	0.00E+00	3.78E+00	7.50E-07	3.78E+00	4.15E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
NGT320	3.30E-03	5.41E-01	1.99E-02	5.21E-01	2.38E-09	0.00E+00	2.81E+00	4.95E-06	1.74E-03	4.68E-03	0.00E+00	3.88E-03	5.34E-10	1.93E-08	1.95E-02	8.36E-01	0.00E+00	0.00E+00	2.21E+00	6.54E-04	3.99E+00	0.00E+00	3.21E-08	1.66E-08	1.26E-03	3.23E-07	4.00E-01	0.00E+00	3.99E+00	7.65E-07	3.99E+00	4.39E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
NGT325	3.30E-03	5.41E-01	1.99E-02	5.21E-01	2.38E-09	0.00E+00	2.81E+00	4.95E-06	1.74E-03	4.68E-03	0.00E+00	3.88E-03	5.34E-10	1.93E-08	1.95E-02	8.36E-01	0.00E+00	0.00E+00	2.21E+00	6.54E-04	3.99E+00	0.00E+00	3.21E-08	1.66E-08	1.26E-03	3.23E-07	4.00E-01	0.00E+00	3.99E+00	7.65E-07	3.99E+00	4.39E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
NGT332	4.15E-03	5.54E-01	2.14E-02	5.33E-01	2.43E-09	0.00E+00	2.99E+00	5.21E-06	2.37E-03	4.85E-03	0.00E+00	3.88E-03	5.71E-10	2.58E-08	2.02E-02	9.53E-01	0.00E+00	0.00E+00	2.43E+00	6.57E-04	4.19E+00	0.00E+00	3.37E-08	1.80E-08	1.35E-03	3.26E-07	4.38E-01	0.00E+00	4.19E+00	7.35E-07	4.19E+00	4.62E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	8.86E+01
NGT340	4.49E-03	5.62E-01	2.20E-02	5.40E-01	2.46E-09	0.00E+00	3.09E+00	5.40E-06	2.62E-03	4.94E-03	0.00E+00	3.79E-03	5.99E-10	2.84E-08	2.06E-02	1.00E+00	0.00E+00	0.00E+00	2.55E+00	6.47E-04	4.30E+00	0.00E+00	3.46E-08	1.87E-08	1.39E-03	3.22E-07	4.58E-01	0.00E+00	4.30E+00	7.39E-07	4.30E+00	4.76E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	9.32E+01
NGT701	9.14E-04	1.91E-01	5.14E-03	1.85E-01	2.87E-12	0.00E+00	9.23E-01	1.74E-06	4.11E-04	1.63E-03	0.00E+00	-7.97E-05	1.79E-10	4.69E-09	6.14E-03	2.58E-01	0.00E+00	0.00E+00	7.45E-01	1.71E-03	1.36E+00	0.00E+00	1.11E-08	5.57E-09	4.24E-04	4.58E-08	1.31E-01	0.00E+00	1.36E+00	2.80E-07	1.36E+00	1.49E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NGT702	8.79E-04	1.88E-01	5.72E-03	1.85E-01	0.00E+00	0.00E+00	9.22E-01	1.72E-06	4.02E-04	1.66E-03	0.00E+00	-1.63E-04	1.82E-10	4.73E-09	6.05E-03	2.59E-01	0.00E+00	0.00E+00	7.51E-01	2.25E-03	1.35E+00	0.00E+00	1.11E-08	5.60E-09	4.29E-04	5.97E-08	1.33E-01	0.00E+00	1.35E+00	2.77E-07	1.35E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NGT703	9.16E-04	1.92E-01	5.11E-03	1.85E-01	2.87E-12	0.00E+00	9.15E-01	1.75E-06	4.21E-04	1.64E-03	0.00E+00	-8.03E-05	1.81E-10	4.76E-09	6.14E-03	2.56E-01	0.00E+00	0.00E+00	7.48E-01	1.75E-03	1.36E+00	0.00E+00	1.11E-08	5.60E-09	4.27E-04	4.54E-08	1.32E-01	0.00E+00	1.36E+00	2.92E-07	1.36E+00	1.49E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NGT704	9.76E-04	2.02E-01	6.46E-03	1.96E-01	8.83E-10	0.00E+00	9.95E-01	1.82E-06	4.48E-04	1.74E-03	0.00E+00	1.13E-03	1.97E-10	5.12E-09	6.88E-03	2.76E-01	0.00E+00	0.00E+00	7.94E-01	2.02E-04	1.47E+00	0.00E+00	1.18E-08	5.98E-09	4.56E-04	1.03E-07	1.41E-01	0.00E+00	1.47E+00	3.28E-07	1.47E+00	1.61E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
NGT706	8.05E-04	1.90E-01	5.78E-03	1.84E-01	8.25E-10	0.00E+00	9.01E-01	1.60E-06	3.47E-04	1.62E-03	0.00E+00	1.05E-03	1.59E-10	4.01E-09	6.29E-03	2.40E-01	0.00E+00	0.00E+00	6.69E-01	1.88E-04	1.31E+00	0.00E+00	1.07E-08	5.26E-09	4.15E-04	9.62E-08	1.22E-01	0.00E+00	1.31E+00	2.74E-07	1.31E+00	1.44E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01

NGT710	8.62E-04	1.92E-01	5.94E-03	1.86E-01	8.35E-10	0.00E+00	9.28E-01	1.65E-06	3.86E-04	1.64E-03	0.00E+00	1.05E-03	1.68E-10	4.44E-09	6.41E-03	2.50E-01	0.00E+00	0.00E+00	0.00E+00	7.01E-01	1.89E-04	1.35E+00	0.00E+00	1.09E-08	5.42E-09	4.24E-04	9.67E-08	1.27E-01	0.00E+00	1.35E+00	2.80E-07	1.35E+00	1.47E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
NGT716	9.44E-04	1.94E-01	6.12E-03	1.88E-01	8.48E-10	0.00E+00	9.60E-01	1.71E-06	4.45E-04	1.66E-03	0.00E+00	1.05E-03	1.74E-10	5.07E-09	6.55E-03	2.64E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01	1.89E-04	1.38E+00	0.00E+00	1.12E-08	5.60E-09	4.35E-04	9.73E-08	1.32E-01	0.00E+00	1.38E+00	2.81E-07	1.38E+00	1.51E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NGT720	1.50E-03	2.04E-01	7.15E-03	1.97E-01	8.83E-10	0.00E+00	1.09E+00	1.91E-06	8.56E-04	1.78E-03	0.00E+00	1.05E-03	2.03E-10	9.33E-09	7.04E-03	3.42E-01	0.00E+00	0.00E+00	0.00E+00	8.83E-01	1.92E-04	1.52E+00	0.00E+00	1.23E-08	6.55E-09	4.94E-04	9.90E-08	1.59E-01	0.00E+00	1.52E+00	2.67E-07	1.52E+00	1.68E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
NGT725	1.50E-03	2.04E-01	7.17E-03	1.97E-01	8.85E-10	0.00E+00	1.09E+00	1.93E-06	8.57E-04	1.79E-03	0.00E+00	1.05E-03	2.07E-10	9.34E-09	7.07E-03	3.43E-01	0.00E+00	0.00E+00	0.00E+00	8.93E-01	1.92E-04	1.53E+00	0.00E+00	1.24E-08	6.58E-09	4.95E-04	9.91E-08	1.60E-01	0.00E+00	1.53E+00	2.71E-07	1.53E+00	1.69E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
NGT732	1.59E-03	2.06E-01	7.35E-03	1.99E-01	8.97E-10	0.00E+00	1.12E+00	1.97E-06	9.19E-04	1.81E-03	0.00E+00	1.05E-03	2.10E-10	1.00E-08	7.19E-03	3.56E-01	0.00E+00	0.00E+00	0.00E+00	9.15E-01	1.92E-04	1.56E+00	0.00E+00	1.26E-08	6.74E-09	5.05E-04	9.97E-08	1.65E-01	0.00E+00	1.56E+00	2.68E-07	1.56E+00	1.72E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
NGT740	1.57E-03	2.03E-01	6.51E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.95E-06	9.18E-04	1.79E-03	0.00E+00	-1.38E-04	2.06E-10	9.98E-09	6.71E-03	3.53E-01	0.00E+00	0.00E+00	0.00E+00	9.05E-01	1.84E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.99E-04	5.92E-08	1.61E-01	0.00E+00	1.51E+00	2.40E-07	1.51E+00	1.67E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
NGT806	2.37E-03	5.32E-01	1.74E-02	5.14E-01	2.32E-09	0.00E+00	2.54E+00	4.49E-06	1.06E-03	4.54E-03	0.00E+00	3.53E-03	4.73E-10	1.21E-08	1.84E-02	6.99E-01	0.00E+00	0.00E+00	0.00E+00	1.92E+00	6.04E-04	3.72E+00	0.00E+00	3.01E-08	1.50E-08	1.17E-03	3.01E-07	3.50E-01	0.00E+00	3.72E+00	7.75E-07	3.72E+00	4.07E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
NGT810	2.57E-03	5.37E-01	1.79E-02	5.19E-01	2.35E-09	0.00E+00	2.61E+00	4.61E-06	1.20E-03	4.60E-03	0.00E+00	3.53E-03	4.83E-10	1.36E-08	1.87E-02	7.30E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+00	6.06E-04	3.80E+00	0.00E+00	3.07E-08	1.54E-08	1.20E-03	3.03E-07	3.61E-01	0.00E+00	3.80E+00	7.73E-07	3.80E+00	4.16E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
NGT816	2.82E-03	5.43E-01	1.84E-02	5.25E-01	2.38E-09	0.00E+00	2.71E+00	4.77E-06	1.38E-03	4.67E-03	0.00E+00	3.53E-03	5.01E-10	1.55E-08	1.91E-02	7.71E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+00	6.08E-04	3.90E+00	0.00E+00	3.15E-08	1.59E-08	1.23E-03	3.04E-07	3.77E-01	0.00E+00	3.90E+00	7.76E-07	3.90E+00	4.27E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
NGT820	3.69E-03	5.63E-01	2.02E-02	5.42E-01	2.47E-09	0.00E+00	2.96E+00	5.21E-06	2.02E-03	4.89E-03	0.00E+00	3.53E-03	5.59E-10	2.22E-08	2.02E-02	9.01E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+00	6.13E-04	4.17E+00	0.00E+00	3.36E-08	1.76E-08	1.33E-03	3.08E-07	4.25E-01	0.00E+00	4.17E+00	7.73E-07	4.17E+00	4.60E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.56E+01
NGT825	3.70E-03	5.63E-01	2.02E-02	5.43E-01	2.47E-09	0.00E+00	2.96E+00	5.22E-06	2.02E-03	4.89E-03	0.00E+00	3.53E-03	5.63E-10	2.22E-08	2.02E-02	9.03E-01	0.00E+00	0.00E+00	0.00E+00	2.37E+00	6.13E-04	4.18E+00	0.00E+00	3.37E-08	1.76E-08	1.33E-03	3.09E-07	4.26E-01	0.00E+00	4.18E+00	7.77E-07	4.18E+00	4.61E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.60E+01
NGT832	4.35E-03	5.74E-01	2.14E-02	5.53E-01	2.51E-09	0.00E+00	3.11E+00	5.44E-06	2.50E-03	5.03E-03	0.00E+00	3.53E-03	5.90E-10	2.72E-08	2.08E-02	9.94E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+00	6.16E-04	4.34E+00	0.00E+00	3.50E-08	1.87E-08	1.40E-03	3.11E-07	4.56E-01	0.00E+00	4.34E+00	7.54E-07	4.34E+00	4.80E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.23E+01
NGT840	4.58E-03	5.80E-01	2.18E-02	5.58E-01	2.53E-09	0.00E+00	3.18E+00	5.58E-06	2.67E-03	5.09E-03	0.00E+00	3.47E-03	6.13E-10	2.90E-08	2.10E-02	1.03E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00	6.09E-04	4.42E+00	0.00E+00	3.56E-08	1.92E-08	1.43E-03	3.08E-07	4.70E-01	0.00E+00	4.42E+00	7.60E-07	4.42E+00	4.89E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.58E+01
NKN100	1.01E-03	1.82E-01	5.84E-03	1.78E-01	2.87E-12	0.00E+00	9.58E-01	1.79E-06	4.54E-04	1.55E-03	0.00E+00	-2.32E-04	1.81E-10	5.34E-09	6.23E-03	2.68E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01	3.16E-03	1.36E+00	0.00E+00	1.12E-08	5.71E-09	4.25E-04	8.85E-08	1.34E-01	0.00E+00	1.36E+00	2.56E-07	1.36E+00	1.50E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NKN101	1.01E-03	1.71E-01	5.96E-03	1.66E-01	2.87E-12	0.00E+00	9.75E-01	1.82E-06	4.56E-04	1.53E-03	0.00E+00	-2.33E-04	1.82E-10	5.41E-09	6.28E-03	2.71E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01	3.15E-03	1.37E+00	0.00E+00	1.11E-08	5.71E-09	4.21E-04	8.85E-08	1.37E-01	0.00E+00	1.37E+00	2.56E-07	1.37E+00	1.50E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NKN103	9.96E-04	1.72E-01	5.86E-03	1.66E-01	2.87E-12	0.00E+00	9.62E-01	1.81E-06	4.58E-04	1.53E-03	0.00E+00	-2.30E-04	1.83E-10	5.30E-09	6.25E-03	2.67E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01	3.11E-03	1.37E+00	0.00E+00	1.11E-08	5.67E-09	4.21E-04	8.80E-08	1.35E-01	0.00E+00	1.37E+00	2.59E-07	1.37E+00	1.50E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NKN106	8.35E-04	1.69E-01	5.55E-03	1.63E-01	2.87E-12	0.00E+00	9.34E-01	1.73E-06	3.70E-04	1.48E-03	0.00E+00	-1.77E-04	1.70E-10	4.66E-09	5.98E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-01	2.61E-03	1.29E+00	0.00E+00	1.05E-08	5.34E-09	3.91E-04	7.70E-08	1.29E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NKN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.36E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NKN116	8.74E-04	1.67E-01	6.13E-03	1.60E-01	0.00E+00	0.00E+00	9.61E-01	1.80E-06	4.18E-04	1.45E-03	0.00E+00	-2.43E-04	1.74E-10	5.04E-09	6.10E-03	2.56E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01	3.23E-03	1.30E+00	0.00E+00	1.05E-08	5.18E-09	3.84E-04	9.12E-08	1.30E-01	0.00E+00	1.30E+00	2.30E-07	1.30E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
NKN120	1.20E-03	1.74E-01	6.80E-03	1.67E-01	0.00E+00	0.00E+00	1.06E+00	1.96E-06	6.59E-04	1.53E-03	0.00E+00	-2.43E-04	1.96E-10	7.56E-09	6.50E-03	3.06E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01	3.23E-03	1.41E+00	0.00E+00	1.13E-08	5.81E-09	4.22E-04	9.17E-08	1.48E-01	0.00E+00	1.41E+00	2.28E-07	1.41E+00	1.56E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
NKN125	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.01E-10	7.58E-09	6.56E-03	3.09E-01	0.00E+00	0.00E+00	0.00E+00	8.58E-01	2.47E-03	1.43E+00	0.00E+00	1.15E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NKN132	1.49E-03	1.90E-01	6.52E-03	1.85E-01	2.87E-12	0.00E+00	1.09E+00	2.02E-06	8.96E-04	1.67E-03	0.00E+00	-1.75E-04	2.07E-10	9.77E-09	6.75E-03	3.38E-01	0.00E+00	0.00E+00	0.00E+00	9.23E-01	2.54E-03	1.48E+00	0.00E+00	1.20E-08	6.41E-09	4.72E-04	7.42E-08	1.64E-01	0.00E+00	1.48E+00	2.47E-07	1.48E+00	1.64E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NKN140	1.50E-03	1.91E-01	6.59E-03	1.85E-01	2.87E-12	0.00E+00	1.11E+00	2.03E-06	9.22E-04	1.68E-03	0.00E+00	-1.87E-04	2.07E-10	9.89E-09	6.84E-03	3.43E-01	0.00E+00	0.00E+00	0.00E+00	9.36E-01	2.69E-03	1.49E+00	0.00E+00	1.21E-08	6.33E-09	4.71E-04	7.50E-08	1.64E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.65E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
NKN150	1.58E-03	2.03E-01	6.64E-03	1.97E-01	2.87E-12	0.00E+00	1.15E+00	1.93E-06	9.69E-04	1.74E-03	0.00E+00	-1.98E-04	2.07E-10	1.05E-08	6.77E-03	3.74E-01	0.00E+00	0.00E+00	0.00E+00	9.42E-01	2.69E-03	1.49E+00	0.00E+00	1.22E-08	6.74E-09	4.85E-04	8.18E-08	1.68E-01	0.00E+00	1.49E+00	2.55E-07	1.49E+00	1.66E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
NKN163	1.67E-03	1.99E-01	7.15E-03	1.93E-01	2.87E-12	0.00E+00	1.17E+00	2.04E-06	1.17E-03	1.74E-03	0.00E+00	-1.86E-04	2.08E-10	1.20E-08	7.01E-03	3.76E-01	0.00E+00	0.00E+00	0.00E+00	9.60E-01	2.69E-03	1.50E+00	0.00E+00	1.22E-08	6.71E-09	4.77E-04	7.50E-08	1.71E-01	0.00E+00	1.50E+00	2.45E-07	1.50E+00	1.66E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NKN200	2.63E-03	3.94E-01	1.30E-02	3.76E-01	2.87E-12	0.00E+00	2.24E+00	4.24E-06	5.80E-04	3.43E-03	0.00E+00	-3.66E-04	4.37E-10	1.19E-08	1.49E-02	6.81E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+00	4.40E-03	3.24E+00	0.00E+00	2.64E-08	1.36E-08	9.58E-04	1.43E-07	3.35E-01	0.00E+00	3.24E+00	6.56E-07	3.24E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.37E+01
NKN201	2.67E-03	2.99E-01	1.17E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	6.29E-04	2.83E-03	0.00E+00	-2.96E-04	3.68E-10	1.25E-08	1.43E-02	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+00	3.84E-03	3.24E+00	0.00E+00	2.61E-08	1.36E-08	9.33E-04	1.38E-07	3.35E-01	0.00E+00	3.24E+00	4.16E-07	3.24E+00	3.52E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
NKN202	2.70E-03	3.00E-01	1.18E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	9.36E-04	2.83E-03	0.00E+00	-2.97E-04	3.69E-10	1.46E-08	1.44E-02	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+00	3.83E-03	3.24E+00	0.00E+00	2.61E-08	1.37E-08	9.33E-04	1.37E-07	3.36E-01	0.00E+00	3.24E+00	4.18E-07	3.24E+00	3.52E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
NKN203	2.63E-03	3.94E-01	1.29E-02	3.76E-01	2.87E-12	0.00E+00	2.24E+00	4.25E-06	9.39E-04	3.43E-03	0.00E+00	-3.68E-04	4.39E-10	1.38E-08	1.49E-02	6.81E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+00	4.39E-03	3.24E+00	0.00E+00	2.64E-08	1.37E-08	9.58E-04	1.40E-07	3.36E-01	0.00E+00	3.24E+00	6.59E-07	3.24E+00	3.50E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
NKN206	1.51E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	2.03E+00	3.63E-06	5.26E-04	2.77E-03	0.00E+00	-2.40E-04	3.69E-10	7.88E-09	1.23E-02	6.30E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+00	3.40E-03	2.63E+00	0.00E+00	2.12E-08	1.05E-08	7.77E-04	1.27E-07	2.59E-01	0.00E+00	2.63E+00	4.09E-07	2.63E+00	2.91E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NKN210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
NKN213	2.64E-03	4.02E-01	1.37E-02	3.85E-01	2.87E-12	0.00E+00	2.25E+00	4.21E-06	9.48E-04	3.45E-03	0.00E+00	-3.37E-04	4.47E-10	1.40E-08	1.49E-02	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.82E+00	4.18E-03	3.18E+00	0.00E+00	2.59E-08	1.36E-08	9.59E-04	1.32E-07	3.38E-01	0.00E+00	3.18E+00	5.51E-07	3.18E+00	3.47E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.35E+01
NKN216	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
NKN220	2.71E-03	3.81E-01	1.26E-02	3.66E-01	2.87E-12	0.00E+00	2.23E+00	4.21E-06	8.94E-04	3.31E-03	0.00E+00	-2.55E-04	4.20E-10	1.45E-08	1.47E-02	6.83E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	3.63E-03	3.17E+00	0.00E+00	2.59E-08	1.37E-08	9.50E-04	1.27E-07	3.37E-01	0.00E+00	3.17E+00	5.25E-07	3.17E+00	3.47E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
NKN225	2.87E-03	3.00E-01	1.29E-02	2.86E-01	2.87E-12	0.00E+00	2.23E+00	4.23E-06	1.47E-03	2.78E-03	0.00E+00	-2.56E-04	4.08E-10	1.75E-08	1.45E-02	7.04E-01	0.00E+00	0.00E+00	0.00E+00	1.88E+00	3.65E-03	3.19E+00	0.00E+00	2.57E-08	1.36E-08	9.13E-04	1.23E-07	3.34E-01	0.00E+00	3.19E+00	5.40E-07	3.19E+00	3.51E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
NKN232	3.06E-03	3.93E-01	1.32E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.28E-06	1.71E-03	3.42E-03	0.00E+00	-3.25E-04	4.22E-10	1.96E-08	1.46E-02	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00	3.83E-03	3.18E+00	0.00E+00	2.60E-08	1.39E-08	9.65E-04	1.31E-07	3.45E-01	0.00E+00	3.18E+00	4.28E-07	3.18E+00	3.49E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
NKN240	2.88E-03	3.95E-01	1.34E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.59E-03	3.39E-03	0.00E+00	-3.40E-04	4.20E-10	1.78E-08	1.44E-02	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+00	4.00E-03	3.18E+00	0.00E+00	2.58E-08	1.38E-08	9.66E-04	1.29E-07	3.40E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.50E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
NKN250	3.17E-03	3.97E-01	1.42E-02	3.79E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.82E-03	3.39E-03	0.00E+00	-3.60E-04	4.39E-10	1.98E-08	1.44E-02	7.38E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+00	4.25E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	9.70E-04	1.39E-07	3.48E-01	0.00E+00	3.20E+00	4.10E-07	3.20E+00	3.52E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NKN263	4.61E-03	3.98E-01	1.44E-02	3.78E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.65E-03	3.39E-03	0.00E+00	-3.63E-04	4.41E-10	2.94E-08	1.45E-02	7.44E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+00	4.32E-03	3.21E+00	0.00E+00	2.60E-08	1.44E-08	9.72E-04	1.61E-07	3.49E-01	0.00E+00	3.21E+00	4.10E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NKN300	3.12E-03	5.46E-01	1.66E-02	5.25E-01	2.87E-12	0.00E+00	2.91E+00	5.60E-06	1.07E-03	4.75E-03	0.00E+00	-5.46E-04	5.70E-10	1.49E-08	1.92E-02	8.47E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+00	7.27E-03	4.20E+00	0.00E+00	3.43E-08	1.70E-08	1.28E-03	1.94E-07	4.11E-01	0.00E+00	4.20E+00	1.10E-06	4.20E+00	4.61E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NKN301	3.07E-03	5.23E-01	2.73E-02	5.01E-01	2.87E-12	0.00E+00	2.91E+00	5.58E-06	8.99E-04	4.50E-03	0.00E+00	-5.27E-04	5.68E-10	1.42E-08	1.92E-02	8.46E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+00	7.20E-03	4.16E+00	0.00E+00	3.38E-08	1.70E-08	1.26E-03	1.91E-07	4.08E-01	0.00E+00	4.16E+00	3.97E-07	4.16E+00	4.57E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+01
NKN302	2.90E-03	5.11E-01	2.73E-02	4.90E-01	2.87E-12	0.00E+00	2.89E+00	5.46E-06	1.39E-03	4.26E-03	0.00E+00	-5.28E-04	5.13E-10	1.61E-08	1.87E-02	8.26E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+00	7.20E-03	3.95E+00	0.00E+00	3.20E-08	1.63E-08	1.23E-03	1.90E-07	4.05E-01	0.00E+00	3.95E+00	3.97E-07	3.95E+00	4.36E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NKN303	3.15E-03	5.42E-01	1.67E-02	5.22E-01	2.87E-12	0.00E+00	3.21E+00	5.73E-06	1.42E-03	4.75E-03	0.00E+00	-5.79E-04	5.71E-10	1.67E-08	2.04E-02	8.41E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+00	7.41E-03	4.20E+00	0.00E+00	3.43E-08	1.69E-08	1.30E-03	2.05E-07	4.05E-01	0.00E+00	4.20E+00	1.09E-06	4.20E+00	4.57E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	8.25E+01
NKN304	3.20E-03	5.46E-01	1.69E-02	5.23E-01	2.87E-12	0.00E+00	2.94E+00	5.66E-06	1.50E-03	4.76E-03	0.00E+00	-5.48E-04	5.79E-10	1.77E-08	1.93E-02	8.65E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+00	7.37E-03	4.20E+00	0.00E+00	3.44E-08	1.70E-08	1.28E-03	2.01E-07	4.11E-01	0.00E+00	4.20E+00	1.11E-06	4.20E+00	4.63E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.40E+01
NKN306	2.71E-03	4.85E-01	2.55E-02	4.69E-01	2.87E-12	0.00E+00	2.79E+00	5.14E-06	1.01E-03	4.14E-03	0.00E+00	-4.81E-04	4.89E-10	1.43E-08	1.78E-02	7.30E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+00	6.28E-03	3.79E+00	0.00E+00	3.08E-08	1.55E-08	1.13E-03	1.83E-07	3.80E-01	0.00E+00	3.79E+00	3.30E-07	3.79E+00	4.18E+00	3.80E-01	0.00E+00	0.00E+00	0.00E+00	7.61E+01
NKN310	2.71E-03	4.95E-01	1.44E-02	4.76E-01	2.87E-12	0.00E+00	2.80E+00	5.20E-06	1.31E-03	4.25E-03	0.00E+00	-4.89E-04	4.95E-10	1.52E-08	1.80E-02	7.48E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+00	6.45E-03	3.85E+00	0.00E+00	3.10E-08	1.57E-08	1.14E-03	1.93E-07	3.85E-01	0.00E+00	3.85E+00	7.41E-07	3.85E+00	4.25E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NKN313	3.12E-03	5.28E-01	1.72E-02	5.07E-01	2.87E-12	0.00E+00	2.88E+00	5.36E-06	1.38E-03	4.64E-03	0.00E+00	-5.37E-04	5.58E-10	1.63E-08	1.89E-02	8.38E-01	0.00E+00	0.00E+00	0.00E+00	2.23E+00	7.52E-03	4.10E+00	0.00E+00	3.36E-08	1.65E-08	1.26E-03	2.06E-07	4.01E-01	0.00E+00	4.10E+00	7.45E-07	4.10E+00	4.50E+00	4.01E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
NKN316	2.62E-03	4.98E-01	1.80E-02	4.80E-01	0.00E+00	0.00E+00	2.89E+00	5.41E-06	1.25E-03	4.33E-03	0.00E+00	-6.72E-04	5.23E-10	1.51E-08	1.88E-02	7.80E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+00	8.92E-03	3.93E+00	0.00E+00	3.15E-08	1.56E-08	1.15E-03	2.55E-07	3.92E-01	0.00E+00	3.93E+00	6.99E-07	3.93E+00	4.32E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
NKN320	2.99E-03	4.97E-01	1.68E-02	4.77E-01	2.87E-12	0.00E+00	2.92E+00	5.46E-06	1.51E-03	4.29E-03	0.00E+00	-5.47E-04	5.29E-10	1.77E-08	1.89E-02	8.31E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+00	7.50E-03	4.00E+00	0.00E+00	3.20E-08	1.62E-08	1.22E-03	2.07E-07	4.10E-01	0.00E+00	4.00E+00	7.57E-07	4.00E+00	4.42E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.40E+01
NKN325	3.25E-03	4.97E-01	1.84E-02	4.78E-01	2.87E-12	0.00E+00	2.99E+00	5.56E-06	1.68E-03	4.28E-03	0.00E+00	-5.43E-04	5.50E-10	1.92E-08	1.90E-02	9.08E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+00	7.40E-03	4.04E+00	0.00E+00	3.22E-08	1.82E-08	1.26E-03	2.07E-07	4.59E-01	0.00E+00	4.04E+00	7.39E-07	4.04E+00	4.48E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.37E+01
NKN332	4.61E-03	5.64E-01	2.99E-02	5.39E-01	2.87E-12	0.00E+00	3.13E+00	5.81E-06	2.67E-03	5.08E-03	0.00E+00	-5.62E-04	6.12E-10	2.99E-08	1.98E-02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00	7.40E-03	4.35E+00	0.00E+00	3.53E-08	1.96E-08	1.43E-03	2.11E-07	4.83E-01	0.00E+00	4.35E+00	3.28E-07	4.35E+00	4.84E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.97E+01
NKN340	3.46E-03	5.63E-01	2.90E-02	5.43E-01	2.87E-12	0.00E+00	3.23E+00	5.94E-06	1.84E-03	5.10E-03	0.00E+00	-6.64E-04	6.20E-10	2.05E-08	2.06E-02	9.24E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+00	7.48E-03	4.34E+00	0.00E+00	3.49E-08	1.90E-08	1.43E-03	2.16E-07	4.66E-01	0.00E+00	4.34E+00	3.28E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
NKN350	4.79E-03	5.66E-01	3.07E-02	5.40E-01	2.87E-12	0.00E+00	3.12E+00	5.81E-06	2.84E-03	5.11E-03	0.00E+00	-6.42E-04	6.24E-10	3.13E-08	1.99E-02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+00	7.56E-03	4.37E+00	0.00E+00	3.55E-08	2.04E-08	1.47E-03	2.28E-07	5.07E-01	0.00E+00	4.37E+00	3.25E-07	4.37E+00	4.85E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NKN363	4.71E-03	5.66E-01	3.07E-02	5.41E-01	2.87E-12	0.00E+00	3.13E+00	5.80E-06	2.79E-03	5.10E-03	0.00E+00	-6.42E-04	6.24E-10	3.05E-08	1.99E-02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+00	7.67E-03	4.37E+00	0.00E+00	3.55E-08	2.04E-08	1.48E-03	2.29E-07	5.07E-01	0.00E+00	4.37E+00	3.25E-07	4.37E+00	4.85E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NKN400	4.91E-03	7.74E-01	2.48E-02	7.51E-01	2.87E-12	0.00E+00	4.34E+00	8.05E-06	1.77E-03	6.93E-03	0.00E+00	-6.73E-04	8.14E-10	2.25E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+00	8.70E-03	5.93E+00	0.00E+00	4.68E-08	2.53E-08	2.03E-03	2.43E-07	6.34E-01	0.00E+00	5.93E+00	1.19E-06	5.93E+00	6.55E+00	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NKN401	4.91E-03	7.74E-01	2.48E-02	7.51E-01	2.87E-12	0.00E+00	4.34E+00	8.02E-06	1.20E-03	6.93E-03	0.00E+00	-6.74E-04	8.12E-10	2.15E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00	8.70E-03	5.91E+00	0.00E+00	4.67E-08	2.52E-08	2.03E-03	2.44E-07	6.32E-01	0.00E+00	5.91E+00	1.19E-06	5.91E+00	6.54E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NKN402	5.14E-03	6.48E-01	3.04E-02	6.24E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	2.79E-03	5.45E-03	0.00E+00	-6.76E-04	8.08E-10	3.20E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.38E-07	6.29E-01	0.00E+00	5.89E+00	3.98E-07	5.89E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NKN404	5.32E-03	6.50E-01	3.07E-02	6.25E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.99E-03	5.47E-03	0.00E+00	-6.77E-04	8.09E-10	3.42E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00	8.64E-03	5.88E+00	0.00E+00	4.66E-08	2.43E-08	1.65E-03	2.46E-07	6.29E-01	0.00E+00	5.88E+00	3.99E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NKN406	4.89E-03	6.19E-01	2.10E-02	5.94E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.19E-03	5.14E-03	0.00E+00	-6.71E-04	6.72E-10	2.13E-08	2.36E-02	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+00	8.33E-03	5.04E+00	0.00E+00	4.01E-08	1.93E-08	1.40E-03	2.30E-07	5.03E-01	0.00E+00	5.04E+00	9.22E-07	5.04E+00	5.48E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NKN410	3.63E-03	6.07E-01	1.76E-02	5.95E-01	2.87E-12	0.00E+00	3.44E+00	6.52E-06	1.71E-03	5.33E-03	0.00E+00	-6.21E-04	5.94E-10	1.92E-08	2.21E-02	8.98E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+00	8.38E-03	4.67E+00	0.00E+00	3.68E-08	1.71E-08	1.34E-03	2.49E-07	4.39E-01	0.00E+00	4.67E+00	9.34E-07	4.67E+00	5.03E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.83E+01
NKN413	5.19E-03	6.24E-01	2.19E-02	6.07E-01	2.87E-12	0.00E+00	3.76E+00	6.99E-06	2.88E-03	5.69E-03	0.00E+00	-6.84E-04	6.74E-10	3.26E-08	2.37E-02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00	8.56E-03	5.16E+00	0.00E+00	4.11E-08	2.08E-08	1.50E-03	2.51E-07	5.25E-01	0.00E+00	5.16E+00	9.33E-07	5.16E+00	5.67E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NKN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NKN420	5.32E-03	6.64E-01	2.53E-02	6.38E-01	2.87E-12	0.00E+00	4.36E+00	8.04E-06	2.99E-03	5.98E-03	0.00E+00	-6.89E-04	8.09E-10	3.43E-08	2.72E-02	1.28E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+00	8.88E-03	5.87E+00	0.00E+00	4.65E-08	2.43E-08	1.66E-03	2.64E-07	6.24E-01	0.00E+00	5.87E+00	9.69E-07	5.87E+00	6.50E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
NKN425	4.85E-03	6.63E-01	2.55E-02	6.36E-01	2.87E-12	0.00E+00	4.35E+00	8.06E-06	2.71E-03	5.97E-03	0.00E+00	-6.90E-04	8.10E-10	3.12E-08	2.71E-02	1.29E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+00	8.98E-03	5.89E+00	0.00E+00	4.69E-08	2.47E-08	1.66E-03	2.71E-07	6.25E-01	0.00E+00	5.89E+00	9.67E-07	5.89E+00	6.52E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NKN432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NKN440	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NKN450	6.53E-03	7.98E-01	3.16E-02	7.71E-01	2.87E-12	0.00E+00	4.56E+00	8.59E-06	3.73E-03	7.15E-03	0.00E+00	-7.49E-04	8.54E-10	4.10E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.90E-01	0.00E+00	6.31E+00	3.57E-07	6.31E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NKN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NQN106	8.83E-04	1.73E-01	5.75E-03	1.67E-01	2.87E-12	0.00E+00	9.71E-01	1.82E-06	3.85E-04	1.51E-03	0.00E+00	-1.87E-04	1.74E-10	4.85E-09	6.20E-03	2.61E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01	2.59E-03	1.34E+00	0.00E+00	1.09E-08	5.38E-09	4.00E-04	7.72E-08	1.34E-01	0.00E+00	1.34E+00	2.51E-07	1.34E+00	1.47E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
NQN110	9.68E-04	1.73E-01	6.27E-03	1.69E-01	2.87E-12	0.00E+00	9.79E-01	1.75E-06	4.62E-04	1.56E-03	0.00E+00	-1.38E-04	2.03E-10	5.25E-09	6.53E-03	2.67E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-01	1.64E-03	1.35E+00	0.00E+00	1.10E-08	5.73E-09	4.14E-04	7.00E-08	1.40E-01	0.00E+00	1.35E+00	4.37E-07	1.35E+00	1.49E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
NQN113	1.22E-03	2.23E-01	6.90E-03	2.18E-01	2.87E-12	0.00E+00	1.09E+00	1.97E-06	5.58E-04	2.10E-03	0.00E+00	-2.03E-04	2.28E-10	6.20E-09	7.10E-03	3.09E-01	0.00E+00	0.00E+00	0.00E+00	8.43E-01	2.84E-03	1.49E+00	0.00E+00	1.22E-08	6.10E-09	5.68E-04	8.06E-08	1.51E-01	0.00E+00	1.49E+00	6.25E-07	1.49E+00	1.64E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
NQN116	1.10E-03	1.89E-01	6.65E-03	1.80E-01	2.87E-12	0.00E+00	1.06E+00	1.84E-06	5.57E-04	1.62E-03	0.00E+00	-1.38E-04	2.14E-10	6.49E-09	6.94E-03	2.82E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01	1.60E-03	1.42E+00	0.00E+00	1.15E-08	6.00E-09	4.36E-04	6.99E-08	1.46E-01	0.00E+00	1.42E+00	4.38E-07	1.42E+00	1.57E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
NQN120	1.30E-03	2.25E-01	6.99E-03	2.18E-01	2.87E-12	0.00E+00	1.30E+00	2.18E-06	6.29E-04	2.15E-03	0.00E+00	-2.17E-04	2.30E-10	7.31E-09	9.12E-03	3.15E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-01	2.98E-03	1.63E+00	0.00E+00	1.35E-08	6.14E-09	6.07E-04	7.94E-08	1.57E-01	0.00E+00	1.63E+00	7.71E-07	1.63E+00	1.71E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
NQN125	1.31E-03	1.98E-01	6.86E-03	1.85E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	7.24E-04	1.68E-03	0.00E+00	-1.98E-04	2.04E-10	7.77E-09	6.86E-03	3.30E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-01	2.69E-03	1.46E+00	0.00E+00	1.20E-08	6.24E-09	4.62E-04	7.55E-08	1.54E-01	0.00E+00	1.46E+00	2.47E-07	1.46E+00	1.61E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
NQN132	1.30E-03	1.99E-01	7.56E-03	1.85E-01	2.87E-12	0.00E+00	1.11E+00	1.99E-06	8.39E-04	1.73E-03	0.00E+00	-2.00E-04	2.35E-10	8.68E-09	7.04E-03	3.50E-01	0.00E+00	0.00E+00	0.00E+00	9.13E-01	2.70E-03	1.53E+00	0.00E+00	1.27E-08	6.74E-09	4.89E-04	7.57E-08	1.60E-01	0.00E+00	1.53E+00	2.49E-07	1.53E+00	1.69E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
NQN140	1.30E-03	2.03E-01	7.37E-03	1.87E-01	2.87E-12	0.00E+00	1.12E+00	1.99E-06	8.55E-04	1.80E-03	0.00E+00	-2.00E-04	2.37E-10	8.56E-09	7.20E-03	3.60E-01	0.00E+00	0.00E+00	0.00E+00	9.34E-01	2.70E-03	1.55E+00	0.00E+00	1.29E-08	6.76E-09	5.11E-04	7.56E-08	1.67E-01	0.00E+00	1.55E+00	2.86E-07	1.55E+00	1.71E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
NQN150	1.55E-03	2.00E-01	7.04E-03	1.89E-01	2.87E-12	0.00E+00	1.15E+00	2.06E-06	8.08E-04	1.73E-03	0.00E+00	-1.85E-04	2.08E-10	9.72E-09	6.92E-03	3.55E-01	0.00E+00	0.00E+00	0.00E+00	9.37E-01	2.71E-03	1.48E+00	0.00E+00	1.22E-08	6.67E-09	4.73E-04	7.64E-08	1.69E-01	0.00E+00	1.48E+00	2.43E-07	1.48E+00	1.64E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NQN163	1.67E-03	2.01E-01	7.16E-03	1.90E-01	2.87E-12	0.00E+00	1.17E+00	2.08E-06	1.19E-03	1.73E-03	0.00E+00	-1.84E-04	2.08E-10	1.22E-08	6.98E-03	3.63E-01	0.00E+00	0.00E+00	0.00E+00	9.44E-01	2.72E-03	1.49E+00	0.00E+00	1.23E-08	6.70E-09	4.74E-04	7.63E-08	1.71E-01	0.00E+00	1.49E+00	2.44E-07	1.49E+00	1.65E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
NQN206	1.53E-03	3.03E-01	1.23E-02	2.88E-01	2.87E-12	0.00E+00	2.03E+00	3.63E-06	5.80E-04	2.77E-03	0.00E+00	-2.40E-04	3.69E-10	8.37E-09	1.23E-02	6.30E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+00	3.40E-03	2.63E+00	0.00E+00	2.12E-08	1.05E-08	7.77E-04	1.27E-07	2.59E-01	0.00E+00	2.63E+00	4.09E-07	2.63E+00	2.91E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
NQN210	2.19E-03	3.03E-01	1.19E-02	2.92E-01	2.87E-12	0.00E+00	2.12E+00	3.91E-06	9.08E-04	2.75E-03	0.00E+00	-2.90E-04	3.84E-10	1.20E-08	1.42E-02	5.78E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+00	1.83E-03	3.00E+00	0.00E+00	2.39E-08	1.20E-08	9.02E-04	1.15E-07	2.93E-01	0.00E+00	3.00E+00	4.94E-07	3.00E+00	3.33E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.64E+01
NQN213	2.63E-03	4.09E-01	1.42E-02	3.96E-01	2.87E-12	0.00E+00	2.27E+00	4.23E-06	9.49E-04	3.51E-03	0.00E+00	-3.47E-04	4.48E-10	1.43E-08	1.49E-02	7.07E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+00	4.20E-03	3.22E+00	0.00E+00	2.62E-08	1.36E-08	9.64E-04	1.35E-07	3.41E-01	0.00E+00	3.22E+00	6.64E-07	3.22E+00	3.50E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
NQN216	2.64E-03	3.01E-01	1.27E-02	2.88E-01	2.87E-12	0.00E+00	2.21E+00	4.16E-06	8.61E-04	2.80E-03	0.00E+00	-2.44E-04	4.01E-10	1.37E-08	1.42E-02	6.54E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+00	3.39E-03	3.16E+00	0.00E+00	2.53E-08	1.35E-08	9.12E-04	1.23E-07	3.29E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.46E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
NQN220	2.77E-03	3.91E-01	1.30E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.20E-06	9.47E-04	3.36E-03	0.00E+00	-2.63E-04	4.12E-10	1.53E-08	1.44E-02	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+00	3.73E-03	3.16E+00	0.00E+00	2.57E-08	1.37E-08	9.59E-04	1.28E-07	3.38E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.45E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
NQN225	2.99E-03	3.07E-01	1.22E-02	2.94E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	1.49E-03	2.83E-03	0.00E+00	-2.42E-04	3.74E-10	1.82E-08	1.44E-02	7.10E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+00	3.59E-03	3.21E+00	0.00E+00	2.59E-08	1.38E-08	9.37E-04	1.26E-07	3.42E-01	0.00E+00	3.21E+00	4.09E-07	3.21E+00	3.53E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NQN232	3.02E-03	3.90E-01	1.19E-02	3.73E-01	2.87E-12	0.00E+00	2.25E+00	4.27E-06	1.54E-03	3.37E-03	0.00E+00	-2.45E-04	3.82E-10	1.82E-08	1.44E-02	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+00	3.62E-03	3.17E+00	0.00E+00	2.58E-08	1.39E-08	9.63E-04	1.33E-07	3.42E-01	0.00E+00	3.17E+00	4.09E-07	3.17E+00	3.49E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01

NQN240	2.85E-03	3.93E-01	1.31E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.47E-03	3.39E-03	0.00E+00	-3.33E-04	4.16E-10	1.70E-08	1.44E-02	6.85E-01	0.00E+00	0.00E+00	1.82E+00	3.97E-03	3.18E+00	0.00E+00	2.58E-08	1.38E-08	9.65E-04	1.29E-07	3.40E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
NQN250	3.17E-03	4.00E-01	1.43E-02	3.82E-01	2.87E-12	0.00E+00	2.28E+00	4.28E-06	1.82E-03	3.43E-03	0.00E+00	-3.58E-04	4.48E-10	1.98E-08	1.48E-02	7.38E-01	0.00E+00	0.00E+00	1.96E+00	4.30E-03	3.21E+00	0.00E+00	2.61E-08	1.44E-08	9.72E-04	1.39E-07	3.48E-01	0.00E+00	3.21E+00	4.29E-07	3.21E+00	3.53E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NQN263	4.60E-03	3.98E-01	1.47E-02	3.80E-01	2.87E-12	0.00E+00	2.28E+00	4.30E-06	2.65E-03	3.41E-03	0.00E+00	-3.73E-04	4.51E-10	2.94E-08	1.49E-02	7.46E-01	0.00E+00	0.00E+00	1.97E+00	4.57E-03	3.22E+00	0.00E+00	2.63E-08	1.46E-08	9.70E-04	1.63E-07	3.49E-01	0.00E+00	3.22E+00	5.15E-07	3.22E+00	3.55E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
NQN306	2.33E-03	4.83E-01	1.46E-02	4.70E-01	2.87E-12	0.00E+00	2.75E+00	5.17E-06	1.01E-03	4.26E-03	0.00E+00	-4.52E-04	4.98E-10	1.29E-08	1.79E-02	6.77E-01	0.00E+00	0.00E+00	2.05E+00	3.29E-03	3.85E+00	0.00E+00	3.14E-08	1.57E-08	1.19E-03	1.55E-07	3.74E-01	0.00E+00	3.85E+00	6.19E-07	3.85E+00	4.27E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.50E+01
NQN310	2.81E-03	4.94E-01	2.67E-02	4.77E-01	2.87E-12	0.00E+00	2.91E+00	5.30E-06	1.40E-03	4.23E-03	0.00E+00	-5.34E-04	5.04E-10	1.66E-08	1.84E-02	7.81E-01	0.00E+00	0.00E+00	2.25E+00	7.29E-03	3.91E+00	0.00E+00	3.14E-08	1.60E-08	1.19E-03	1.93E-07	3.98E-01	0.00E+00	3.91E+00	3.39E-07	3.91E+00	4.31E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
NQN313	3.14E-03	5.28E-01	1.72E-02	5.07E-01	2.87E-12	0.00E+00	2.97E+00	5.44E-06	1.43E-03	4.65E-03	0.00E+00	-5.44E-04	5.63E-10	1.71E-08	1.91E-02	8.45E-01	0.00E+00	0.00E+00	2.28E+00	7.51E-03	4.12E+00	0.00E+00	3.37E-08	1.68E-08	1.27E-03	2.03E-07	4.07E-01	0.00E+00	4.12E+00	7.47E-07	4.12E+00	4.53E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.22E+01
NQN316	2.92E-03	4.93E-01	2.61E-02	4.75E-01	2.87E-12	0.00E+00	2.85E+00	5.31E-06	1.49E-03	4.22E-03	0.00E+00	-5.24E-04	5.25E-10	1.71E-08	1.83E-02	7.57E-01	0.00E+00	0.00E+00	2.22E+00	6.62E-03	3.92E+00	0.00E+00	3.14E-08	1.58E-08	1.18E-03	1.89E-07	3.90E-01	0.00E+00	3.92E+00	3.28E-07	3.92E+00	4.32E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
NQN320	3.05E-03	5.31E-01	1.73E-02	5.15E-01	2.87E-12	0.00E+00	2.85E+00	5.46E-06	1.52E-03	4.63E-03	0.00E+00	-5.02E-04	5.45E-10	1.81E-08	1.91E-02	8.20E-01	0.00E+00	0.00E+00	2.29E+00	3.82E-03	4.16E+00	0.00E+00	3.38E-08	1.70E-08	1.27E-03	1.64E-07	4.10E-01	0.00E+00	4.16E+00	6.29E-07	4.16E+00	4.58E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
NQN325	3.29E-03	5.23E-01	2.89E-02	5.03E-01	2.87E-12	0.00E+00	3.00E+00	5.63E-06	1.79E-03	4.33E-03	0.00E+00	-6.32E-04	5.58E-10	1.96E-08	1.91E-02	9.22E-01	0.00E+00	0.00E+00	2.69E+00	7.48E-03	4.07E+00	0.00E+00	3.27E-08	1.87E-08	1.27E-03	2.20E-07	4.74E-01	0.00E+00	4.07E+00	3.29E-07	4.07E+00	4.52E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	9.60E+01
NQN340	3.46E-03	5.64E-01	2.90E-02	5.44E-01	2.87E-12	0.00E+00	3.25E+00	5.97E-06	1.83E-03	5.10E-03	0.00E+00	-6.67E-04	6.20E-10	2.04E-08	2.07E-02	9.24E-01	0.00E+00	0.00E+00	2.63E+00	7.48E-03	4.34E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.20E-07	4.66E-01	0.00E+00	4.34E+00	7.37E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
NQN350	4.79E-03	5.65E-01	3.07E-02	5.39E-01	2.87E-12	0.00E+00	3.12E+00	5.80E-06	2.84E-03	5.10E-03	0.00E+00	-6.40E-04	6.23E-10	3.13E-08	1.97E-02	1.13E+00	0.00E+00	0.00E+00	2.84E+00	7.56E-03	4.34E+00	0.00E+00	3.52E-08	2.04E-08	1.45E-03	2.28E-07	5.07E-01	0.00E+00	4.34E+00	3.25E-07	4.34E+00	4.83E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NQN363	4.82E-03	5.68E-01	3.07E-02	5.43E-01	2.87E-12	0.00E+00	3.24E+00	5.83E-06	2.85E-03	5.12E-03	0.00E+00	-6.42E-04	6.38E-10	3.13E-08	2.00E-02	1.14E+00	0.00E+00	0.00E+00	2.86E+00	7.67E-03	4.41E+00	0.00E+00	3.56E-08	2.05E-08	1.50E-03	2.29E-07	5.10E-01	0.00E+00	4.41E+00	3.25E-07	4.41E+00	4.90E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NQN406	3.48E-03	6.02E-01	2.79E-02	5.82E-01	2.87E-12	0.00E+00	3.42E+00	6.45E-06	1.12E-03	4.96E-03	0.00E+00	-5.97E-04	6.08E-10	1.65E-08	2.20E-02	9.08E-01	0.00E+00	0.00E+00	2.50E+00	8.10E-03	4.64E+00	0.00E+00	3.66E-08	1.72E-08	1.34E-03	2.25E-07	4.44E-01	0.00E+00	4.64E+00	3.48E-07	4.64E+00	5.00E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
NQN410	5.09E-03	6.62E-01	2.48E-02	6.37E-01	2.87E-12	0.00E+00	4.39E+00	8.05E-06	2.76E-03	5.93E-03	0.00E+00	-6.86E-04	8.10E-10	3.14E-08	2.72E-02	1.23E+00	0.00E+00	0.00E+00	3.52E+00	8.87E-03	5.88E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.59E-07	6.25E-01	0.00E+00	5.88E+00	9.38E-07	5.88E+00	6.51E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NQN413	5.21E-03	7.74E-01	2.49E-02	7.51E-01	2.87E-12	0.00E+00	4.36E+00	8.03E-06	2.88E-03	6.93E-03	0.00E+00	-6.84E-04	8.13E-10	3.28E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	3.52E+00	8.87E-03	5.89E+00	0.00E+00	4.66E-08	2.52E-08	2.02E-03	2.60E-07	6.28E-01	0.00E+00	5.89E+00	9.35E-07	5.89E+00	6.53E+00	6.28E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NQN416	5.33E-03	6.57E-01	3.06E-02	6.35E-01	2.87E-12	0.00E+00	4.27E+00	7.94E-06	2.98E-03	5.93E-03	0.00E+00	-6.82E-04	7.93E-10	3.41E-08	2.67E-02	1.27E+00	0.00E+00	0.00E+00	3.45E+00	8.46E-03	5.79E+00	0.00E+00	4.60E-08	2.39E-08	1.65E-03	2.43E-07	6.13E-01	0.00E+00	5.79E+00	3.61E-07	5.79E+00	6.40E+00	6.13E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
NQN420	5.35E-03	6.72E-01	3.08E-02	6.46E-01	2.87E-12	0.00E+00	4.38E+00	8.15E-06	3.00E-03	5.99E-03	0.00E+00	-7.55E-04	8.17E-10	3.42E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00	8.80E-03	5.94E+00	0.00E+00	4.67E-08	2.45E-08	1.67E-03	2.63E-07	6.42E-01	0.00E+00	5.94E+00	9.62E-07	5.94E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NQN425	5.10E-03	6.70E-01	2.56E-02	6.44E-01	2.87E-12	0.00E+00	4.36E+00	8.18E-06	2.95E-03	5.98E-03	0.00E+00	-7.57E-04	8.17E-10	3.21E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00	8.88E-03	5.96E+00	0.00E+00	4.71E-08	2.48E-08	1.68E-03	2.73E-07	6.40E-01	0.00E+00	5.96E+00	9.60E-07	5.96E+00	6.61E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NQN432	6.45E-03	7.80E-01	3.13E-02	7.58E-01	2.87E-12	0.00E+00	4.55E+00	8.56E-06	3.70E-03	7.00E-03	0.00E+00	-7.47E-04	8.46E-10	4.07E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.92E+00	8.76E-03	6.19E+00	0.00E+00	5.02E-08	2.73E-08	2.05E-03	2.78E-07	6.87E-01	0.00E+00	6.19E+00	3.48E-07	6.19E+00	6.87E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NQN440	6.46E-03	7.95E-01	2.59E-02	7.69E-01	2.87E-12	0.00E+00	4.55E+00	8.53E-06	3.68E-03	7.12E-03	0.00E+00	-7.46E-04	8.35E-10	4.06E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00	8.77E-03	6.28E+00	0.00E+00	5.04E-08	2.72E-08	2.06E-03	2.82E-07	6.87E-01	0.00E+00	6.28E+00	9.42E-07	6.28E+00	6.97E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NQN450	6.49E-03	7.81E-01	3.14E-02	7.58E-01	2.87E-12	0.00E+00	4.55E+00	8.58E-06	3.70E-03	7.00E-03	0.00E+00	-7.49E-04	8.46E-10	4.09E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.20E+00	0.00E+00	5.04E-08	2.74E-08	2.06E-03	2.77E-07	6.89E-01	0.00E+00	6.20E+00	3.48E-07	6.20E+00	6.89E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NQN463	6.53E-03	8.01E-01	3.16E-02	7.71E-01	2.87E-12	0.00E+00	4.57E+00	8.59E-06	3.74E-03	7.15E-03	0.00E+00	-7.49E-04	8.55E-10	4.09E-08	2.75E-02	1.49E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.91E-01	0.00E+00	6.31E+00	3.57E-07	6.31E+00	7.00E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NRN100	1.02E-03	1.97E-01	6.96E-03	1.82E-01	2.87E-12	0.00E+00	1.03E+00	1.88E-06	4.74E-04	1.66E-03	0.00E+00	-2.60E-04	2.05E-10	5.44E-09	6.81E-03	2.85E-01	0.00E+00	0.00E+00	7.85E-01	3.16E-03	1.42E+00	0.00E+00	1.16E-08	5.83E-09	4.36E-04	8.92E-08	1.39E-01	0.00E+00	1.42E+00	2.55E-07	1.42E+00	1.57E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NRN101	9.30E-04	1.73E-01	5.85E-03	1.69E-01	2.87E-12	0.00E+00	9.68E-01	1.80E-06	4.04E-04	1.53E-03	0.00E+00	-2.29E-04	1.76E-10	4.95E-09	6.22E-03	2.62E-01	0.00E+00	0.00E+00	7.57E-01	3.11E-03	1.35E+00	0.00E+00	1.09E-08	5.49E-09	4.12E-04	8.82E-08	1.35E-01	0.00E+00	1.35E+00	2.56E-07	1.35E+00	1.48E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NRN102	1.04E-03	1.82E-01	5.98E-03	1.78E-01	2.87E-12	0.00E+00	9.75E-01	1.83E-06	4.95E-04	1.55E-03	0.00E+00	-2.27E-04	1.85E-10	5.46E-09	6.27E-03	2.73E-01	0.00E+00	0.00E+00	7.89E-01	3.18E-03	1.38E+00	0.00E+00	1.12E-08	5.75E-09	4.26E-04	8.91E-08	1.37E-01	0.00E+00	1.38E+00	2.58E-07	1.38E+00	1.51E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NRN103	9.21E-04	1.73E-01	5.74E-03	1.69E-01	2.87E-12	0.00E+00	9.55E-01	1.79E-06	4.03E-04	1.53E-03	0.00E+00	-2.26E-04	1.77E-10	4.77E-09	6.20E-03	2.58E-01	0.00E+00	0.00E+00	7.47E-01	3.07E-03	1.36E+00	0.00E+00	1.09E-08	5.44E-09	4.13E-04	8.76E-08	1.33E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
NRN104	1.06E-03	1.87E-01	6.12E-03	1.80E-01	2.87E-12	0.00E+00	1.02E+00	1.91E-06	5.29E-04	1.56E-03	0.00E+00	-2.23E-04	1.91E-10	5.98E-09	6.54E-03	2.82E-01	0.00E+00	0.00E+00	8.02E-01	3.14E-03	1.41E+00	0.00E+00	1.14E-08	5.82E-09	4.31E-04	8.77E-08	1.42E-01	0.00E+00	1.41E+00	2.59E-07	1.41E+00	1.55E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NRN106	8.59E-04	1.76E-01	5.51E-03	1.70E-01	2.87E-12	0.00E+00	9.46E-01	1.74E-06	3.74E-04	1.53E-03	0.00E+00	-1.86E-04	1.72E-10	4.65E-09	6.17E-03	2.55E-01	0.00E+00	0.00E+00	7.31E-01	2.57E-03	1.33E+00	0.00E+00	1.08E-08	5.31E-09	4.04E-04	7.71E-08	1.30E-01	0.00E+00	1.33E+00	2.51E-07	1.33E+00	1.46E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
NRN110	8.90E-04	1.71E-01	5.78E-03	1.66E-01	2.87E-12	0.00E+00	9.65E-01	1.81E-06	3.96E-04	1.51E-03	0.00E+00	-1.65E-04	1.74E-10	4.90E-09	6.19E-03	2.63E-01	0.00E+00	0.00E+00	7.50E-01	2.59E-03	1.33E+00	0.00E+00	1.09E-08	5.39E-09	4.00E-04	7.73E-08	1.32E-01	0.00E+00	1.33E+00	2.50E-07	1.33E+00	1.47E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
NRN116	1.03E-03	1.74E-01	6.27E-03	1.70E-01	2.87E-12	0.00E+00	1.02E+00	1.80E-06	5.03E-04	1.56E-03	0.00E+00	-1.37E-04	2.08E-10	6.03E-09	6.59E-03	2.72E-01	0.00E+00	0.00E+00	7.94E-01	1.60E-03	1.38E+00	0.00E+00	1.11E-08	5.78E-09	4.16E-04	6.83E-08	1.43E-01	0.00E+00	1.38E+00	4.43E-07	1.38E+00	1.52E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NRN120	1.17E-03	1.97E-01	6.72E-03	1.85E-01	2.87E-12	0.00E+00	1.08E+00	1.95E-06	6.32E-04	1.67E-03	0.00E+00	-2.01E-04	2.01E-10	7.25E-09	6.82E-03	3.04E-01	0.00E+00	0.00E+00	8.60E-01	2.72E-03	1.44E+00	0.00E+00	1.16E-08	6.00E-09	4.44E-04	7.56E-08	1.53E-01	0.00E+00	1.44E+00	2.46E-07	1.44E+00	1.59E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
NRN125	1.31E-03	1.98E-01	6.87E-03	1.85E-01	2.87E-12	0.00E+00	1.09E+00	1.93E-06	7.25E-04	1.69E-03	0.00E+00	-1.98E-04	2.04E-10	7.77E-09	6.82E-03	3.33E-01	0.00E+00	0.00E+00	8.65E-01	2.69E-03	1.47E+00	0.00E+00	1.21E-08	6.25E-09	4.64E-04	7.56E-08	1.54E-01	0.00E+00	1.47E+00	2.47E-07	1.47E+00	1.63E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
NRN132	1.36E-03	1.98E-01	7.04E-03	1.87E-01	2.87E-12	0.00E+00	1.12E+00	1.99E-06	8.77E-04	1.71E-03	0.00E+00	-2.01E-04	2.13E-10	9.10E-09	7.00E-03	3.36E-01	0.00E+00	0.00E+00	8.92E-01	2.72E-03	1.50E+00	0.00E+00	1.22E-08	6.51E-09	4.73E-04	7.57E-08	1.58E-01	0.00E+00	1.50E+00	2.45E-07	1.50E+00	1.65E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
NRN140	1.54E-03	2.00E-01	7.00E-03	1.88E-01	2.87E-12	0.00E+00	1.13E+00	2.05E-06	9.28E-04	1.72E-03	0.00E+00	-1.80E-04	2.09E-10	1.00E-08	6.86E-03	3.44E-01	0.00E+00	0.00E+00	9.27E-01	2.71E-03	1.49E+00	0.00E+00	1.23E-08	6.44E-09	4.71E-04	7.64E-08	1.65E-01	0.00E+00	1.49E+00	2.44E-07	1.49E+00	1.65E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NRN150	1.32E-03	2.05E-01	7.56E-03	1.88E-01	2.87E-12	0.00E+00	1.15E+00	2.02E-06	7.27E-04	1.80E-03	0.00E+00	-1.99E-04	2.50E-10	8.12E-09	7.12E-03	3.63E-01	0.00E+00	0.00E+00	9.51E-01	2.70E-03	1.55E+00	0.00E+00	1.29E-08	7.12E-09	5.14E-04	7.58E-08	1.71E-01	0.00E+00	1.55E+00	2.46E-07	1.55E+00	1.71E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
NRN163	1.73E-03	2.06E-01	7.46E-03	1.92E-01	2.87E-12	0.00E+00	1.17E+00	2.08E-06	1.16E-03	1.80E-03	0.00E+00	-1.98E-04	2.39E-10	1.18E-08	7.27E-03	3.70E-01	0.00E+00	0.00E+00	9.61E-01	2.71E-03	1.58E+00	0.00E+00	1.30E-08	7.20E-09	5.20E-04	7.58E-08	1.75E-01	0.00E+00	1.58E+00	2.44E-07	1.58E+00	1.75E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
NRN200	2.57E-03	4.08E-01	1.41E-02	3.92E-01	2.87E-12	0.00E+00	2.28E+00	4.26E-06	5.65E-04	3.54E-03	0.00E+00	-3.66E-04	4.45E-10	1.16E-08	1.50E-02	6.99E-01	0.00E+00	0.00E+00	1.86E+00	4.44E-03	3.28E+00	0.00E+00	2.67E-08	1.36E-08	9.71E-04	1.47E-07	3.39E-01	0.00E+00	3.28E+00	7.51E-07	3.28E+00	3.54E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
NRN201	2.56E-03	2.95E-01	1.16E-02	2.77E-01	2.87E-12	0.00E+00	2.19E+00	4.15E-06	6.29E-04	2.77E-03	0.00E+00	-2.67E-04	3.64E-10	1.18E-08	1.41E-02	6.43E-01	0.00E+00	0.00E+00	1.71E+00	3.81E-03	3.19E+00	0.00E+00	2.56E-08	1.31E-08	9.04E-04	1.38E-07	3.22E-01	0.00E+00	3.19E+00	4.16E-07	3.19E+00	3.47E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
NRN202	2.70E-03	3.85E-01	1.28E-02	3.69E-01	2.87E-12	0.00E+00	2.22E+00	4.24E-06	9.16E-04	3.38E-03	0.00E+00	-3.13E-04	4.16E-10	1.44E-08	1.47E-02	6.76E-01	0.00E+00	0.00E+00	1.79E+00	4.08E-03	3.22E+00	0.00E+00	2.63E-08	1.37E-08	9.57E-04	1.38E-07	3.36E-01	0.00E+00	3.22E+00	6.69E-07	3.22E+00	3.49E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
NRN203	2.58E-03	4.08E-01	1.41E-02	3.92E-01	2.87E-12	0.00E+00	2.28E+00	4.27E-06	9.47E-04	3.54E-03	0.00E+00	-3.67E-04	4.47E-10	1.36E-08	1.50E-02	7.00E-01	0.00E+00	0.00E+00	1.87E+00	4.42E-03	3.28E+00	0.00E+00	2.67E-08	1.37E-08	9.71E-04	1.44E-07	3.40E-01	0.00E+00	3.28E+00	7.56E-07	3.28E+00	3.54E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
NRN204	2.65E-03	2.96E-01	1.17E-02	2.80E-01	2.87E-12	0.00E+00	2.21E+00	4.18E-06	9.14E-04	2.80E-03	0.00E+00	-2.68E-04	3.70E-10	1.44E-08	1.42E-02	6.46E-01	0.00E+00	0.00E+00	1.74E+00	3.81E-03	3.20E+00	0.00E+00	2.57E-08	1.35E-08	9.13E-04	1.34E-07	3.28E-01	0.00E+00	3.20E+00	4.18E-07	3.20E+00	3.48E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
NRN206	2.57E-03	2.99E-01	1.27E-02	2.87E-01	2.87E-12	0.00E+00	2.22E+00	4.19E-06	5.92E-04	2.78E-03	0.00E+00	-2.58E-04	4.06E-10	1.17E-08	1.45E-02	6.65E-01	0.00E+00	0.00E+00	1.75E+00	3.67E-03	3.18E+00	0.00E+00	2.56E-08	1.33E-08	9.10E-04	1.29E-07	3.27E-01	0.00E+00	3.18E+00	5.31E-07	3.18E+00	3.49E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NRN210	2.59E-03	3.01E-01	1.27E-02	2.88E-01	2.87E-12	0.00E+00	2.22E+00	4.18E-06	8.74E-04	2.79E-03	0.00E+00	-2.45E-04	4.04E-10	1.36E-08	1.45E-02	6.48E-01	0.00E+00	0.00E+00	1.74E+00	3.41E-03	3.17E+00	0.00E+00	2.55E-08	1.34E-08	9.09E-04	1.25E-07	3.29E-01	0.00E+00	3.17E+00	4.30E-07	3.17E+00	3.48E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
NRN216	2.67E-03	3.01E-01	1.27E-02	2.88E-01	2.87E-12	0.00E+00	2.21E+00	4.16E-06	8.67E-04	2.80E-03	0.00E+00	-2.47E-04	4.01E-10	1.42E-08	1.42E-02	6.54E-01	0.00E+00	0.00E+00	1.74E+00	3.40E-03	3.16E+00	0.00E+00	2.53E-08	1.35E-08	9.12E-04	1.23E-07	3.29E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.46E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
NRN220	2.77E-03	3.91E-01	1.30E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.20E-06	9.47E-04	3.36E-03	0.00E+00	-2.63E-04	4.12E-10	1.53E-08	1.44E-02	6.72E-01	0.00E+00	0.00E+00	1.77E+00	3.73E-03	3.16E+00	0.00E+00	2.57E-08	1.37E-08	9.59E-04	1.28E-07	3.38E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.45E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
NRN225	2.99E-03	3.91E-01	1.31E-02	3.73E-01	2.87E-12	0.00E+00	2.25E+00	4.26E-06	1.53E-03	3.37E-03	0.00E+00	-2.58E-04	4.12E-10	1.83E-08	1.44E-02	7.10E-01	0.00E+00	0.00E+00	1.88E+00	3.70E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.63E-04	1.26E-07	3.42E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.49E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.88E+01
NRN232	3.08E-03	3.93E-01	1.29E-02	3.75E-01	2.87E-12	0.00E+00	2.26E+00	4.28E-06	1.75E-03	3.39E-03	0.00E+00	-3.40E-04	4.16E-10	1.98E-08	1.44E-02	7.14E-01	0.00E+00	0.00E+00	1.90E+00	4.02E-03	3.18E+00	0.00E+00	2.59E-08	1.39E-08	9.65E-04	1.35E-07	3.43E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.50E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
NRN240	2.88E-03	3.97E-01	1.36E-02	3.82E-01	2.87E-12	0.00E+00	2.27E+00	4.27E-06	1.60E-03	3.41E-03	0.00E+00	-3.41E-04	4.43E-10	1.79E-08	1.46E-02	6.85E-01	0.00E+00	0.00E+00	1.83E+00	4.05E-03	3.20E+00	0.00E+00	2.60E-08	1.38E-08	9.67E-04	1.29E-07	3.40E-01	0.00E+00	3.20E+00	4.28E-07	3.20E+00	3.51E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
NRN250	3.17E-03	3.95E-01	1.41E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.28E-06	1.80E-03	3.39E-03	0.00E+00	-3.59E-04	4.25E-10	1.97E-08	1.44E-02	7.38E-01	0.00E+00	0.00E+00	1.96E+00	4.24E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	9.69E-04	1.39E-07	3.48E-01	0.00E+00	3.20E+00	4.10E-07	3.20E+00	3.51E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NRN263	4.61E-03	3.98E-01	1.44E-02	3.78E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.65E-03	3.39E-03	0.00E+00	-3.61E-04	4.41E-10	2.94E-08	1.45E-02	7.44E-01	0.00E+00	0.00E+00	1.96E+00	4.32E-03	3.21E+00	0.00E+00	2.60E-08	1.44E-08	9.72E-04	1.61E-07	3.49E-01	0.00E+00	3.21E+00	4.10E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NRN300	2.87E-03	4.88E-01	2.73E-02	4.73E-01	2.87E-12	0.00E+00	2.86E+00	5.38E-06	1.10E-03	4.23E-03	0.00E+00	-5.28E-04	5.11E-10	1.50E-08	1.86E-02	8.26E-01	0.00E+00	0.00E+00	2.30E+00	7.19E-03	3.93E+00	0.00E+00	3.17E-08	1.63E-08	1.23E-03	1.91E-07	4.03E-01	0.00E+00	3.93E+00	4.01E-07	3.93E+00	4.33E+00	4.03E-01	0.00E+00	0.00E+00	0.00E+00	8.23E+01
NRN301	3.08E-03	5.46E-01	1.66E-02	5.23E-01	2.87E-12	0.00E+00	2.92E+00	5.59E-06	8.81E-04	4.75E-03	0.00E+00	-5.33E-04	5.68E-10	1.40E-08	1.92E-02	8.47E-01	0.00E+00	0.00E+00	2.32E+00	7.20E-03	4.17E+00	0.00E+00	3.41E-08	1.71E-08	1.28E-03	1.94E-07	4.12E-01	0.00E+00	4.17E+00	1.10E-06	4.17E+00	4.59E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.28E+01
NRN302	2.88E-03	4.87E-01	2.73E-02	4.73E-01	2.87E-12	0.00E+00	2.88E+00	5.40E-06	1.38E-03	4.24E-03	0.00E+00	-5.29E-04	5.12E-10	1.61E-08	1.86E-02	8.26E-01	0.00E+00	0.00E+00	2.31E+00	7.18E-03	3.94E+00	0.00E+00	3.18E-08	1.62E-08	1.23E-03	1.90E-07	4.04E-01	0.00E+00	3.94E+00	4.01E-07	3.94E+00	4.34E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NRN303	3.16E-03	5.23E-01	1.67E-02	5.03E-01	2.87E-12	0.00E+00	2.90E+00	5.59E-06	1.42E-03	4.51E-03	0.00E+00	-5.27E-04	5.75E-10	1.65E-08	1.92E-02	8.58E-01	0.00E+00	0.00E+00	2.33E+00	7.20E-03	4.18E+00	0.00E+00	3.41E-08	1.69E-08	1.26E-03	1.92E-07	4.12E-01	0.00E+00	4.18E+00	1.10E-06	4.18E+00	4.60E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.37E+01
NRN304	2.94E-03	4.85E-01	2.74E-02	4.69E-01	2.87E-12	0.00E+00	2.89E+00	5.43E-06	1.49E-03	4.22E-03	0.00E+00	-5.26E-04	5.18E-10	1.71E-08	1.87E-02	8.11E-01	0.00E+00	0.00E+00	2.28E+00	7.15E-03	3.95E+00	0.00E+00	3.18E-08	1.63E-08	1.20E-03	1.94E-07	3.96E-01	0.00E+00	3.95E+00	4.01E-07	3.95E+00	4.37E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	8.15E+01
NRN306	2.75E-03	4.94E-01	2.56E-02	4.77E-01	2.87E-12	0.00E+00	2.81E+00	5.20E-06	9.95E-04	4.22E-03	0.00E+00	-4.87E-04	4.96E-10	1.45E-08	1.80E-02	7.32E-01	0.00E+00	0.00E+00	2.17E+00	6.31E-03	3.84E+00	0.00E+00	3.10E-08	1.57E-08	1.17E-03	1.84E-07	3.85E-01	0.00E+00	3.84E+00	3.31E-07	3.84E+00	4.23E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
NRN310	2.76E-03	4.94E-01	2.55E-02	4.77E-01	2.87E-12	0.00E+00	2.82E+00	5.21E-06	1.34E-03	4.23E-03	0.00E+00	-4.88E-04	5.00E-10	1.58E-08	1.80E-02	7.34E-01	0.00E+00	0.00E+00	2.18E+00	6.32E-03	3.85E+00	0.00E+00	3.11E-08	1.56E-08	1.18E-03	1.85E-07	3.86E-01	0.00E+00	3.85E+00	3.28E-07	3.85E+00	4.24E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	7.80E+01
NRN316	2.97E-03	4.93E-01	2.70E-02	4.75E-01	2.87E-12	0.00E+00	2.95E+00	5.40E-06	1.66E-03	4.23E-03	0.00E+00	-5.34E-04	5.29E-10	1.88E-08	1.87E-02	7.93E-01	0.00E+00	0.00E+00	2.28E+00	7.33E-03	3.97E+00	0.00E+00	3.17E-08	1.61E-08	1.19E-03	1.96E-07	4.00E-01	0.00E+00	3.97E+00	3.30E-07	3.97E+00	4.39E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	8.13E+01
NRN320	3.30E-03	5.55E-01	2.80E-02	5.29E-01	2.87E-12	0.00E+00	3.01E+00	5.70E-06	1.76E-03	5.04E-03	0.00E+00	-6.34E-04	5.87E-10	2.03E-08	1.95E-02	8.67E-01	0.00E+00	0.00E+00	2.40E+00	7.47E-03	4.23E+00	0.00E+00	3.43E-08	1.71E-08	1.28E-03	2.14E-07	4.22E-01	0.00E+00	4.23E+00	3.39E-07	4.23E+00	4.66E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
NRN325	3.30E-03	5.57E-01	1.89E-02	5.36E-01	2.87E-12	0.00E+00	2.93E+00	5.55E-06	1.70E-03	5.03E-03	0.00E+00	-5.07E-04	5.69E-10	1.99E-08	1.93E-02	8.97E-01	0.00E+00	0.00E+00	2.63E+00	3.87E-03	4.19E+00	0.00E+00	3.42E-08	1.86E-08	1.39E-03	1.71E-07	4.59E-01	0.00E+00	4.19E+00	6.37E-07	4.19E+00	4.63E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.39E+01
NRN332	4.76E-03	5.64E-01	3.01E-02	5.38E-01	2.87E-12	0.00E+00	3.14E+00	5.80E-06	2.78E-03	5.07E-03	0.00E+00	-6.18E-04	6.14E-10	3.04E-08	1.97E-02	1.09E+00	0.00E+00	0.00E+00	2.75E+00	7.38E-03	4.33E+00	0.00E+00	3.51E-08	1.99E-08	1.43E-03	2.26E-07	4.91E-01	0.00E+00	4.33E+00	3.26E-07	4.33E+00	4.82E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NRN340	3.46E-03	5.65E-01	2.90E-02	5.44E-01	2.87E-12	0.00E+00	3.25E+00	5.98E-06	1.84E-03	5.11E-03	0.00E+00	-6.68E-04	6.20E-10	2.05E-08	2.08E-02	9.24E-01	0.00E+00	0.00E+00	2.63E+00	7.48E-03	4.34E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.17E-07	4.66E-01	0.00E+00	4.34E+00	3.35E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
NRN350	4.86E-03	5.69E-01	3.10E-02	5.44E-01	2.87E-12	0.00E+00	3.39E+00	6.05E-06	2.89E-03	5.12E-03	0.00E+00	-6.64E-04	6.39E-10	3.21E-08	2.10E-02	1.13E+00	0.00E+00	0.00E+00	2.86E+00	7.56E-03	4.42E+00	0.00E+00	3.57E-08	2.05E-08	1.49E-03	2.30E-07	5.12E-01	0.00E+00	4.42E+00	3.27E-07	4.42E+00	4.91E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NRN363	4.68E-03	5.63E-01	2.11E-02	5.41E-01	2.87E-12	0.00E+00	3.36E+00	5.84E-06	2.66E-03	5.08E-03	0.00E+00	-5.80E-04	5.91E-10	3.07E-08	2.09E-02	1.10E+00	0.00E+00	0.00E+00	2.78E+00	4.13E-03	4.31E+00	0.00E+00	3.51E-08	1.97E-08	1.46E-03	1.87E-07	4.90E-01	0.00E+00	4.31E+00	6.37E-07	4.31E+00	4.79E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NRN400	4.91E-03	6.48E-01	3.04E-02	6.25E-01	2.87E-12	0.00E+00	4.37E+00	8.07E-06	1.77E-03	5.43E-03	0.00E+00	-6.70E-04	8.08E-10	2.26E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.56E+00	8.58E-03	5.90E+00	0.00E+00	4.67E-08	2.42E-08	1.49E-03	2.31E-07	6.31E-01	0.00E+00	5.90E+00	3.99E-07	5.90E+00	6.53E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NRN401	4.91E-03	6.48E-01	3.04E-02	6.24E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	1.20E-03	5.43E-03	0.00E+00	-6.71E-04	8.08E-10	2.14E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.58E-03	5.88E+00	0.00E+00	4.66E-08	2.42E-08	1.49E-03	2.32E-07	6.29E-01	0.00E+00	5.88E+00	3.98E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NRN402	5.14E-03	6.54E-01	3.05E-02	6.30E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.80E-03	5.49E-03	0.00E+00	-6.76E-04	8.08E-10	3.20E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.50E-03	2.39E-07	6.29E-01	0.00E+00	5.89E+00	1.19E-06	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NRN403	5.19E-03	6.49E-01	2.47E-02	6.26E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.88E-03	5.46E-03	0.00E+00	-6.74E-04	8.09E-10	3.26E-08	2.72E-02	1.25E+00	0.00E+00	0.00E+00	3.53E+00	8.63E-03	5.88E+00	0.00E+00	4.66E-08	2.43E-08	1.60E-03	2.42E-07	6.29E-01	0.00E+00	5.88E+00	1.20E-06	5.88E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NRN404	5.32E-03	6.50E-01	3.07E-02	6.25E-01	2.87E-12	0.00E+00	4.35E+00	8.03E-06	2.99E-03	5.47E-03	0.00E+00	-6.77E-04	8.09E-10	3.42E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	3.53E+00	8.64E-03	5.88E+00	0.00E+00	4.66E-08	2.43E-08	1.65E-03	2.46E-07	6.29E-01	0.00E+00	5.88E+00	3.99E-07	5.88E+00	6.51E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NRN406	4.89E-03	6.19E-01	2.10E-02	5.94E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.19E-03	5.14E-03	0.00E+00	-6.71E-04	6.72E-10	2.13E-08	2.36E-02	1.02E+00	0.00E+00	0.00E+00	2.82E+00	8.33E-03	5.04E+00	0.00E+00	4.01E-08	1.93E-08	1.40E-03	2.30E-07	5.03E-01	0.00E+00	5.04E+00	9.22E-07	5.04E+00	5.48E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NRN410	5.03E-03	6.23E-01	2.18E-02	6.10E-01	2.87E-12	0.00E+00	3.87E+00	7.36E-06	2.68E-03	5.71E-03	0.00E+00	-6.82E-04	6.61E-10	3.04E-08	2.40E-02	9.94E-01	0.00E+00	0.00E+00	2.89E+00	4.30E-03	5.13E+00	0.00E+00	4.13E-08	2.02E-08	1.41E-03	1.75E-07	5.20E-01	0.00E+00	5.13E+00	9.54E-07	5.13E+00	5.54E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NRN416	5.33E-03	6.61E-01	2.52E-02	6.38E-01	2.87E-12	0.00E+00	4.38E+00	8.04E-06	2.98E-03	5.97E-03	0.00E+00	-6.83E-04	8.10E-10	3.42E-08	2.72E-02	1.28E+00	0.00E+00	0.00E+00	3.53E+00	8.75E-03	5.87E+00	0.00E+00	4.65E-08	2.43E-08	1.66E-03	2.52E-07	6.26E-01	0.00E+00	5.87E+00	9.62E-07	5.87E+00	6.51E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NRN420	5.35E-03	6.72E-01	2.53E-02	6.46E-01	2.87E-12	0.00E+00	4.38E+00	8.15E-06	3.00E-03	5.99E-03	0.00E+00	-7.55E-04	8.17E-10	3.42E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00	8.80E-03	5.94E+00	0.00E+00	4.67E-08	2.45E-08	1.67E-03	2.66E-07	6.42E-01	0.00E+00	5.94E+00	9.61E-07	5.94E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NRN425	5.10E-03	6.70E-01	3.11E-02	6.44E-01	2.87E-12	0.00E+00	4.36E+00	8.18E-06	2.95E-03	5.98E-03	0.00E+00	-7.57E-04	8.17E-10	3.21E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00	8.88E-03	5.96E+00	0.00E+00	4.71E-08	2.48E-08	1.68E-03	2.70E-07	6.40E-01	0.00E+00	5.96E+00	3.59E-07	5.96E+00	6.61E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NRN432	6.46E-03	7.80E-01	3.13E-02	7.58E-01	2.87E-12	0.00E+00	4.53E+00	8.54E-06	3.71E-03	7.00E-03	0.00E+00	-7.47E-04	8.48E-10	4.09E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.92E+00	8.75E-03	6.18E+00	0.00E+00	5.02E-08	2.73E-08	2.05E-03	2.78E-07	6.85E-01	0.00E+00	6.18E+00	9.41E-07	6.18E+00	6.86E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NRN440	6.46E-03	7.96E-01	2.60E-02	7.70E-01	2.87E-12	0.00E+00	4.55E+00	8.56E-06	3.68E-03	7.13E-03	0.00E+00	-7.46E-04	8.36E-10	4.08E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.92E+00	8.77E-03	6.29E+00	0.00E+00	5.05E-08	2.73E-08	2.06E-03	2.82E-07	6.89E-01	0.00E+00	6.29E+00	9.41E-07	6.29E+00	6.98E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NRN450	6.50E-03	7.98E-01	3.14E-02	7.71E-01	2.87E-12	0.00E+00	4.56E+00	8.58E-06	3.71E-03	7.15E-03	0.00E+00	-7.49E-04	8.50E-10	4.10E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.90E-01	0.00E+00	6.31E+00	3.50E-07	6.31E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NRN463	6.50E-03	8.00E-01	3.14E-02	7.70E-01	2.87E-12	0.00E+00	4.57E+00	8.56E-06	3.72E-03	7.14E-03	0.00E+00	-7.49E-04	8.51E-10	4.10E-08	2.75E-02	1.49E+00	0.00E+00	0.00E+00	3.92E+00	8.83E-03	6.29E+00	0.00E+00	5.07E-08	2.74E-08	2.07E-03	2.76E-07	6.90E-01	0.00E+00	6.29E+00	3.48E-07	6.29E+00	6.99E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NSN100	1.06E-03	1.99E-01	7.15E-03	1.83E-01	2.87E-12	0.00E+00	1.07E+00	1.97E-06	4.85E-04	1.71E-03	0.00E+00	-2.61E-04	2.25E-10	5.56E-09	7.08E-03	3.00E-01	0.00E+00	0.00E+00	8.05E-01	3.19E-03	1.48E+00	0.00E+00	1.21E-08	5.93E-09	4.57E-04	8.92E-08	1.43E-01	0.00E+00	1.48E+00	2.94E-07	1.48E+00	1.63E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
NSN101	1.20E-03	2.26E-01	6.82E-03	2.18E-01	2.87E-12	0.00E+00	1.19E+00	2.06E-06	4.76E-04	2.15E-03	0.00E+00	-2.69E-04	2.24E-10	5.75E-09	8.61E-03	3.05E-01	0.00E+00	0.00E+00	8.05E-01	3.38E-03	1.58E+00	0.00E+00	1.31E-08	5.90E-09	6.07E-04	9.14E-08	1.46E-01	0.00E+00	1.58E+00	8.06E-07	1.58E+00	1.67E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
NSN102	9.26E-04	1.73E-01	5.84E-03	1.68E-01	2.87E-12	0.00E+00	9.65E-01	1.80E-06	4.07E-04	1.53E-03	0.00E+00	-2.26E-04	1.78E-10	4.79E-09	6.22E-03	2.62E-01	0.00E+00	0.00E+00	7.63E-01	3.11E-03	1.36E+00	0.00E+00	1.09E-08	5.48E-09	4.11E-04	8.78E-08	1.35E-01	0.00E+00	1.36E+00	2.58E-07	1.36E+00	1.49E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NSN104	9.75E-04	1.72E-01	5.89E-03	1.67E-01	2.87E-12	0.00E+00	1.00E+00	1.88E-06	4.47E-04	1.51E-03	0.00E+00	-2.27E-04	1.83E-10	5.41E-09	6.37E-03	2.67E-01	0.00E+00	0.00E+00	7.77E-01	3.07E-03	1.39E+00	0.00E+00	1.10E-08	5.56E-09	4.13E-04	8.64E-08	1.38E-01	0.00E+00	1.39E+00	2.59E-07	1.39E+00	1.52E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
NSN106	8.70E-04	1.70E-01	5.71E-03	1.66E-01	2.87E-12	0.00E+00	9.35E-01	1.73E-06	3.88E-04	1.49E-03	0.00E+00	-1.74E-04	1.71E-10	4.78E-09	6.00E-03	2.58E-01	0.00E+00	0.00E+00	7.25E-01	2.64E-03	1.29E+00	0.00E+00	1.05E-08	5.36E-09	3.93E-04	7.82E-08	1.30E-01	0.00E+00	1.29E+00	2.38E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
NSN110	9.69E-04	1.75E-01	5.88E-03	1.69E-01	2.87E-12	0.00E+00	9.86E-01	1.85E-06	4.80E-04	1.54E-03	0.00E+00	-1.90E-04	1.80E-10	5.53E-09	6.27E-03	2.77E-01	0.00E+00	0.00E+00	7.90E-01	2.58E-03	1.35E+00	0.00E+00	1.10E-08	5.68E-09	4.10E-04	7.71E-08	1.40E-01	0.00E+00	1.35E+00	2.49E-07	1.35E+00	1.50E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
NSN113	1.12E-03	1.98E-01	7.01E-03	1.82E-01	2.87E-12	0.00E+00	1.07E+00	1.90E-06	5.58E-04	1.69E-03	0.00E+00	-2.02E-04	2.12E-10	6.08E-09	6.89E-03	2.99E-01	0.00E+00	0.00E+00	8.27E-01	2.81E-03	1.44E+00	0.00E+00	1.18E-08	6.08E-09	4.46E-04	7.86E-08	1.48E-01	0.00E+00	1.44E+00	6.31E-07	1.44E+00	1.58E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01

NSN116	1.11E-03	1.87E-01	6.15E-03	1.81E-01	2.87E-12	0.00E+00	1.04E+00	1.87E-06	5.87E-04	1.57E-03	0.00E+00	-1.89E-04	1.97E-10	6.63E-09	6.57E-03	2.92E-01	0.00E+00	0.00E+00	8.23E-01
NSN120	1.18E-03	1.88E-01	6.46E-03	1.81E-01	2.87E-12	0.00E+00	1.07E+00	2.00E-06	6.35E-04	1.58E-03	0.00E+00	-1.88E-04	1.99E-10	7.28E-09	6.63E-03	3.07E-01	0.00E+00	0.00E+00	8.58E-01
NSN125	1.49E-03	1.97E-01	6.87E-03	1.85E-01	2.87E-12	0.00E+00	1.11E+00	2.04E-06	8.09E-04	1.69E-03	0.00E+00	-2.05E-04	2.05E-10	8.87E-09	6.83E-03	3.39E-01	0.00E+00	0.00E+00	9.19E-01
NSN132	1.53E-03	1.99E-01	6.97E-03	1.87E-01	2.87E-12	0.00E+00	1.13E+00	2.04E-06	9.24E-04	1.71E-03	0.00E+00	-2.01E-04	2.10E-10	9.94E-09	6.83E-03	3.41E-01	0.00E+00	0.00E+00	9.31E-01
NSN140	1.39E-03	2.00E-01	7.22E-03	1.88E-01	2.87E-12	0.00E+00	1.11E+00	1.99E-06	8.98E-04	1.74E-03	0.00E+00	-1.99E-04	2.27E-10	9.24E-09	7.08E-03	3.52E-01	0.00E+00	0.00E+00	8.98E-01
NSN150	1.57E-03	2.00E-01	7.20E-03	1.89E-01	2.87E-12	0.00E+00	1.15E+00	2.11E-06	8.14E-04	1.73E-03	0.00E+00	-2.01E-04	2.15E-10	9.82E-09	7.09E-03	3.56E-01	0.00E+00	0.00E+00	9.36E-01
NSN163	1.71E-03	2.06E-01	7.68E-03	1.90E-01	2.87E-12	0.00E+00	1.17E+00	2.06E-06	1.16E-03	1.81E-03	0.00E+00	-1.99E-04	2.54E-10	1.18E-08	7.27E-03	3.70E-01	0.00E+00	0.00E+00	9.61E-01
NSN200	2.68E-03	3.86E-01	1.28E-02	3.71E-01	2.87E-12	0.00E+00	2.22E+00	4.25E-06	6.42E-04	3.39E-03	0.00E+00	-3.19E-04	4.17E-10	1.26E-08	1.47E-02	6.80E-01	0.00E+00	0.00E+00	1.79E+00
NSN201	2.64E-03	3.85E-01	1.27E-02	3.69E-01	2.87E-12	0.00E+00	2.22E+00	4.24E-06	5.60E-04	3.38E-03	0.00E+00	-3.20E-04	4.18E-10	1.16E-08	1.47E-02	6.78E-01	0.00E+00	0.00E+00	1.78E+00
NSN202	2.70E-03	3.00E-01	1.18E-02	2.84E-01	2.87E-12	0.00E+00	2.21E+00	4.21E-06	9.36E-04	2.83E-03	0.00E+00	-2.97E-04	3.69E-10	1.46E-08	1.44E-02	6.57E-01	0.00E+00	0.00E+00	1.77E+00
NSN203	2.57E-03	2.95E-01	1.16E-02	2.77E-01	2.87E-12	0.00E+00	2.19E+00	4.15E-06	9.05E-04	2.77E-03	0.00E+00	-2.68E-04	3.66E-10	1.39E-08	1.41E-02	6.43E-01	0.00E+00	0.00E+00	1.72E+00
NSN204	2.61E-03	4.38E-01	2.56E-02	4.18E-01	2.87E-12	0.00E+00	2.41E+00	4.57E-06	9.50E-04	3.82E-03	0.00E+00	-3.67E-04	4.53E-10	1.40E-08	1.59E-02	7.11E-01	0.00E+00	0.00E+00	1.89E+00
NSN206	2.35E-03	3.00E-01	1.27E-02	2.86E-01	2.87E-12	0.00E+00	2.17E+00	4.04E-06	6.31E-04	2.78E-03	0.00E+00	-2.44E-04	3.98E-10	1.15E-08	1.40E-02	6.42E-01	0.00E+00	0.00E+00	1.65E+00
NSN210	2.58E-03	3.00E-01	1.25E-02	2.85E-01	2.87E-12	0.00E+00	2.19E+00	4.13E-06	8.76E-04	2.77E-03	0.00E+00	-2.48E-04	3.95E-10	1.38E-08	1.41E-02	6.45E-01	0.00E+00	0.00E+00	1.71E+00
NSN213	2.43E-03	3.00E-01	1.17E-02	2.85E-01	2.87E-12	0.00E+00	2.17E+00	4.05E-06	9.01E-04	2.77E-03	0.00E+00	-2.46E-04	3.63E-10	1.39E-08	1.38E-02	6.49E-01	0.00E+00	0.00E+00	1.66E+00
NSN216	2.67E-03	3.01E-01	1.27E-02	2.88E-01	2.87E-12	0.00E+00	2.21E+00	4.16E-06	8.67E-04	2.80E-03	0.00E+00	-2.47E-04	4.01E-10	1.42E-08	1.42E-02	6.54E-01	0.00E+00	0.00E+00	1.74E+00
NSN220	2.77E-03	3.91E-01	1.30E-02	3.72E-01	2.87E-12	0.00E+00	2.24E+00	4.20E-06	9.47E-04	3.36E-03	0.00E+00	-2.63E-04	4.12E-10	1.53E-08	1.44E-02	6.72E-01	0.00E+00	0.00E+00	1.77E+00
NSN225	3.05E-03	3.92E-01	1.31E-02	3.72E-01	2.87E-12	0.00E+00	2.25E+00	4.27E-06	1.74E-03	3.37E-03	0.00E+00	-2.64E-04	4.12E-10	1.97E-08	1.44E-02	7.10E-01	0.00E+00	0.00E+00	1.88E+00
NSN232	3.07E-03	3.94E-01	1.34E-02	3.76E-01	2.87E-12	0.00E+00	2.26E+00	4.28E-06	1.74E-03	3.39E-03	0.00E+00	-3.43E-04	4.15E-10	1.97E-08	1.44E-02	7.13E-01	0.00E+00	0.00E+00	1.93E+00
NSN240	2.85E-03	3.95E-01	1.33E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.46E-03	3.39E-03	0.00E+00	-3.36E-04	4.16E-10	1.69E-08	1.44E-02	6.85E-01	0.00E+00	0.00E+00	1.83E+00
NSN250	3.17E-03	3.95E-01	1.42E-02	3.78E-01	2.87E-12	0.00E+00	2.26E+00	4.27E-06	1.81E-03	3.39E-03	0.00E+00	-3.60E-04	4.35E-10	1.98E-08	1.44E-02	7.38E-01	0.00E+00	0.00E+00	1.96E+00
NSN263	4.61E-03	3.98E-01	1.44E-02	3.79E-01	2.87E-12	0.00E+00	2.27E+00	4.28E-06	2.65E-03	3.39E-03	0.00E+00	-3.61E-04	4.41E-10	2.94E-08	1.45E-02	7.44E-01	0.00E+00	0.00E+00	1.96E+00
NSN300	3.12E-03	5.46E-01	1.66E-02	5.23E-01	2.87E-12	0.00E+00	2.93E+00	5.61E-06	1.07E-03	4.75E-03	0.00E+00	-5.46E-04	5.70E-10	1.50E-08	1.93E-02	8.47E-01	0.00E+00	0.00E+00	2.32E+00
NSN301	3.08E-03	5.45E-01	1.66E-02	5.23E-01	2.87E-12	0.00E+00	2.90E+00	5.58E-06	8.75E-04	4.75E-03	0.00E+00	-5.28E-04	5.68E-10	1.40E-08	1.92E-02	8.47E-01	0.00E+00	0.00E+00	2.32E+00
NSN302	2.88E-03	4.87E-01	2.73E-02	4.73E-01	2.87E-12	0.00E+00	2.88E+00	5.40E-06	1.38E-03	4.24E-03	0.00E+00	-5.29E-04	5.12E-10	1.61E-08	1.86E-02	8.26E-01	0.00E+00	0.00E+00	2.31E+00
NSN303	3.16E-03	5.44E-01	1.67E-02	5.22E-01	2.87E-12	0.00E+00	2.90E+00	5.59E-06	1.42E-03	4.75E-03	0.00E+00	-5.28E-04	5.76E-10	1.65E-08	1.92E-02	8.58E-01	0.00E+00	0.00E+00	2.33E+00
NSN304	2.98E-03	5.10E-01	2.75E-02	4.90E-01	2.87E-12	0.00E+00	2.91E+00	5.51E-06	1.51E-03	4.25E-03	0.00E+00	-5.27E-04	5.24E-10	1.74E-08	1.88E-02	8.34E-01	0.00E+00	0.00E+00	2.33E+00
NSN306	2.74E-03	4.94E-01	2.62E-02	4.77E-01	2.87E-12	0.00E+00	2.83E+00	5.22E-06	9.95E-04	4.22E-03	0.00E+00	-5.27E-04	4.97E-10	1.47E-08	1.80E-02	7.45E-01	0.00E+00	0.00E+00	2.19E+00
NSN310	2.81E-03	4.94E-01	2.66E-02	4.77E-01	2.87E-12	0.00E+00	2.88E+00	5.25E-06	1.40E-03	4.23E-03	0.00E+00	-5.33E-04	5.04E-10	1.66E-08	1.82E-02	7.55E-01	0.00E+00	0.00E+00	2.20E+00
NSN313	2.85E-03	4.93E-01	2.77E-02	4.77E-01	2.87E-12	0.00E+00	2.93E+00	5.38E-06	1.41E-03	4.25E-03	0.00E+00	-5.41E-04	5.13E-10	1.66E-08	1.86E-02	8.06E-01	0.00E+00	0.00E+00	2.30E+00
NSN316	2.97E-03	4.93E-01	2.79E-02	4.76E-01	2.87E-12	0.00E+00	2.98E+00	5.49E-06	1.68E-03	4.25E-03	0.00E+00	-5.42E-04	5.39E-10	1.90E-08	1.89E-02	8.09E-01	0.00E+00	0.00E+00	2.32E+00
NSN320	3.30E-03	5.53E-01	2.80E-02	5.26E-01	2.87E-12	0.00E+00	3.01E+00	5.70E-06	1.76E-03	5.04E-03	0.00E+00	-6.33E-04	5.87E-10	2.03E-08	1.95E-02	8.68E-01	0.00E+00	0.00E+00	2.40E+00
NSN325	3.46E-03	5.59E-01	2.91E-02	5.34E-01	2.87E-12	0.00E+00	3.05E+00	5.78E-06	1.87E-03	5.06E-03	0.00E+00	-6.34E-04	6.02E-10	2.03E-08	1.96E-02	9.33E-01	0.00E+00	0.00E+00	2.70E+00
NSN332	4.76E-03	5.64E-01	3.01E-02	5.38E-01	2.87E-12	0.00E+00	3.14E+00	5.80E-06	2.78E-03	5.07E-03	0.00E+00	-6.18E-04	6.14E-10	3.04E-08	1.97E-02	1.09E+00	0.00E+00	0.00E+00	2.75E+00
NSN340	3.46E-03	5.63E-01	2.90E-02	5.44E-01	2.87E-12	0.00E+00	3.25E+00	5.97E-06	1.83E-03	5.10E-03	0.00E+00	-6.68E-04	6.20E-10	2.05E-08	2.07E-02	9.24E-01	0.00E+00	0.00E+00	2.63E+00
NSN350	4.86E-03	5.69E-01	3.10E-02	5.44E-01	2.87E-12	0.00E+00	3.33E+00	6.02E-06	2.88E-03	5.12E-03	0.00E+00	-6.64E-04	6.39E-10	3.21E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.86E+00
NSN363	4.78E-03	5.69E-01	3.09E-02	5.45E-01	2.87E-12	0.00E+00	3.38E+00	6.03E-06	2.83E-03	5.12E-03	0.00E+00	-6.66E-04	6.39E-10	3.12E-08	2.09E-02	1.14E+00	0.00E+00	0.00E+00	2.86E+00
NSN400	4.91E-03	6.60E-01	3.05E-02	6.37E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	1.79E-03	5.47E-03	0.00E+00	-6.71E-04	8.12E-10	2.29E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00
NSN401	4.90E-03	6.60E-01	2.48E-02	6.38E-01	2.87E-12	0.00E+00	4.34E+00	8.03E-06	1.19E-03	5.47E-03	0.00E+00	-6.70E-04	8.12E-10	2.13E-08	2.72E-02	1.24E+00	0.00E+00	0.00E+00	3.53E+00
NSN402	5.14E-03	7.74E-01	2.48E-02	7.51E-01	2.87E-12	0.00E+00	4.34E+00	8.02E-06	2.80E-03	6.93E-03	0.00E+00	-6.78E-04	8.12E-10	3.20E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.53E+00
NSN403	5.20E-03	7.88E-01	2.54E-02	7.64E-01	2.87E-12	0.00E+00	4.36E+00	8.05E-06	2.88E-03	7.06E-03	0.00E+00	-6.81E-04	8.23E-10	3.26E-08	2.74E-02	1.30E+00	0.00E+00	0.00E+00	3.56E+00
NSN404	5.32E-03	6.50E-01	3.08E-02	6.25E-01	2.87E-12	0.00E+00	4.36E+00	8.03E-06	2.99E-03	5.47E-03	0.00E+00	-6.77E-04	8.09E-10	3.42E-08	2.72E-02	1.29E+00	0.00E+00	0.00E+00	3.53E+00
NSN406	4.90E-03	6.19E-01	2.12E-02	5.93E-01	2.87E-12	0.00E+00	3.69E+00	6.94E-06	1.19E-03	5.14E-03	0.00E+00	-6.72E-04	6.73E-10	2.14E-08	2.36E-02	1.02E+00	0.00E+00	0.00E+00	2.83E+00
NSN410	5.10E-03	6.56E-01	2.42E-02	6.35E-01	2.87E-12	0.00E+00	4.28E+00	7.90E-06	2.76E-03	5.91E-03	0.00E+00	-6.78E-04	7.87E-10	3.13E-08	2.66E-02	1.22E+00	0.00E+00	0.00E+00	3.42E+00
NSN413	5.20E-03	6.57E-01	2.45E-02	6.36E-01	2.87E-12	0.00E+00	4.29E+00	7.95E-06	2.89E-03	5.94E-03	0.00E+00	-6.80E-04	7.94E-10	3.28E-08	2.67E-02	1.24E+00	0.00E+00	0.00E+00	3.45E+00
NSN416	5.29E-03	6.59E-01	2.54E-02	6.37E-01	2.87E-12	0.00E+00	4.56E+00	8.24E-06	2.96E-03	6.02E-03	0.00E+00	-6.84E-04	8.22E-10	3.43E-08	2.77E-02	1.27E+00	0.00E+00	0.00E+00	3.61E+00
NSN420	5.35E-03	6.72E-01	3.08E-02	6.46E-01	2.87E-12	0.00E+00	4.38E+00	8.15E-06	3.00E-03	5.99E-03	0.00E+00	-7.55E-04	8.17E-10	3.42E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.62E+00
NSN425	5.09E-03	6.71E-01	3.11E-02	6.44E-01	2.87E-12	0.00E+00	4.38E+00	8.17E-06	2.95E-03	5.99E-03	0.00E+00	-7.58E-04	8.18E-10	3.23E-08	2.72E-02	1.30E+00	0.00E+00	0.00E+00	3.63E+00
NSN432	6.46E-03	7.80E-01	3.13E-02	7.58E-01	2.87E-12	0.00E+00	4.53E+00	8.54E-06	3.71E-03	7.00E-03	0.00E+00	-7.47E-04	8.47E-10	4.09E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.92E+00
NSN440	6.44E-03	7.80E-01	3.13E-02	7.57E-01	2.87E-12	0.00E+00	4.54E+00	8.53E-06	3.66E-03	7.00E-03	0.00E+00	-7.46E-04	8.32E-10	4.03E-08	2.74E-02	1.48E+00	0.00E+00	0.00E+00	3.91E+00
NSN450	6.50E-03	7.98E-01	3.14E-02	7.71E-01	2.87E-12	0.00E+00	4.56E+00	8.58E-06	3.71E-03	7.15E-03	0.00E+00	-7.49E-04	8.50E-10	4.10E-08	2.75E-02	1.48E+00	0.00E+00	0.00E+00	3.93E+00
NSN463	6.50E-03	8.00E-01	3.14E-02	7.70E-01	2.87E-12	0.00E+00	4.57E+00	8.56E-06	3.72E-03	7.14E-03	0.00E+00	-7.49E-04	8.51E-10	4.10E-08	2.75E-02	1.49E+00	0.00E+00	0.00E+00	3.92E+00
NT101C	1.03E-03	1.36E-01	7.02E-03	1.27E-01	2.87E-12	0.00E+00	1.04E+00	2.59E-06	4.63E-04	1.39E-03	0.00E+00	-2.76E-04	1.92E-10	5.55E-09	7.78E-03	3.04E-01	0.00E+00	0.00E+00	9.32E-01
NT102C	1.07E-03	1.32E-01	7.72E-03	1.24E-01	0.00E+00	0.00E+00	1.12E+00	2.58E-06	4.65E-04	1.33E-03	0.00E+00	-3.67E-04	1.91E-10	5.88E-09	7.91E-03	3.26E-01	0.00E+00	0.00E+00	9.56E-01
NT104C	9.73E-04	1.62E-01	7.15E-03	1.47E-01	2.87E-12	0.00E+00	1.05E+00	2.61E-06	4.54E-04	1.52E-03	0.00E+00	-3.00E-04	1.96E-10	5.26E-09	7.80E-03	3.01E-01	0.00E+00	0.00E+00	9.35E-01
NT106C	9.83E-04	1.38E-01	7.00E-03	1.32E-01	2.87E-12	0.00E+00	1.03E+00	2.51E-06	4.48E-04	1.43E-03	0.00E+00	-1.76E-04	2.03E-10	5.32E-09	7.76E-03	3.02E-01	0.00E+00	0.00E+00	9.00E-01
NT110C	9.18E-04	1.45E-01	5.78E-03	1.36E-01	2.87E-12	0.00E+00	9.46E-01	1.96E-06	4.41E-04	1.40E-03	0.00E+00	-1.74E-04	1.78E-10	5.25E-09	6.19E-03	2.79E-01	0.00E+00	0.00E+00	7.61E-01
NT116C	9.10E-04	1.45E-01	5.82E-03	1.36E-01	2.87E-12	0.00E+00	9.48E-01	1.96E-06	4.38E-04	1.40E-03	0.00E+00	-1.75E-04	1.79E-10	5.13E-09	6.20E-03	2.79E-01	0.00E+00	0.00E+00	7.61E-01
NT120C	9.55E-04	1.45E-01	6.60E-03	1.36E-01	2.87E-12	0.00E+00	9.91E-01	2.11E-06	4.51E-04	1.41E-03	0.00E+00	-1.73E-04	1.98E-10	5.71E-09	6.75E-03	2.93E-01	0.00E+00	0.00E+00	8.59E-01
NT125C	1.02E-03	1.63E-01	7.61E-03	1.45E-01	2.87E-12	0.00E+00	1.06E+00	2.58E-06	4.77E-04	1.53E-03	0.00E+00	-1.71E-04	2.10E-10	5.98E-09	7.79E-03	3.21E-01	0.00E+00	0.00E+00	9.53E-01
NT132C	1.46E-03	1.32E-01	8.11E-03	1.24E-01	0.00E+00	0.00E+00	1.13E+00	2.55E-06	7.70E-04	1.36E-03	0.00E+00	-3.54E-04	1.91E-10	9.02E-09	7.88E-03	3.69E-01	0.00E+00	0.00E+00	9.99E-01
NT140C	1.41E-03	1.65E-01	7.67E-03	1.50E-01	2.87E-12	0.00E+00	1.11E+00	2.55E-06	6.87E-04	1.56E-03	0.00E+00	-1.77E-04	2.28E-10	7.95E-09	7.79E-03	3.53E-01	0.00E+00	0.00E+00	9.96E-01
NT150C	1.57E-03	1.66E-01	7.88E-03	1.50E-01	2.87E-12	0.00E+00	1.18E+00	2.64E-06	7.62E-04	1.60E-03	0.00E+00	-3.38E-04	2.47E-10	8.73E-09	7.88E-03	4.00E-01	0.00E+00	0.00E+00	1.06E+00
NT163C	1.81E-03	1.66E-01	8.17E-03	1.52E-01	2.87E-12	0.00E+00	1.19E+00	2.64E-06	1.04E-03	1.62E-03	0.00E+00	-3.68E-04	2.49E-10	1.10E-08	7.91E-03	4.03E-01	0.00E+00	0.00E+00	1.06E+00
NT201C	2.54E-03	3.60E-01	1.23E-02	3.41E-01	2.87E-12	0.00E+00	2.24E+00	4.87E-06	5.50E-04	3.23E-03	0.00E+00	-3.23E-04	3.96E-10	1.11E-08	1.56E-02	6.27E-01	0.00E+00	0.00E+00	1.77E+00
NT202C	2.49E-03	3.65E-01	1.25E-02	3.47E-01	2.87E-12	0.00E+00	2.25E+00	4.89E-06	5.54E-04	3.23E-03	0.00E+00	-3.56E-04	4.01E-10	1.08E-08	1.57E-02	6.51E-01	0.00E+00	0.00E+00	1.79E+00
NT204C	2.53E-03	3.59E-01	1.21E-02	3.38E-01	2.87E-12	0.00E+00	2.22E+00	4.84E-06	7.87E-04	3.21E-03	0.00E+00	-3.23E-04	3.90E-10	1.20E-08	1.51E-02	6.23E-01	0.00E+00	0.00E+00	1.77E+00
NT206C	2.51E-03	3.64E-01	1.21E-02	3.47E-01	2.87E-12	0.00E+00	2.23E+00	4.80E-06	5.51E-04	3.23E-03	0.00E+00	-2.16E-04	3.98E-10	1.10E-08	1.53E-02	6.05E-01	0.00E+00	0.00E+00	1.81E+00
NT210C	1.40E-03	3.08E-01	1.15E-02	2.93E-01	2.87E-12	0.00E+00	1.80E+00	3.58E-06	6.22E-04	2.77E-03	0.00E+00	-1.97E-04	3.27E-10	7.71E-09	1.20E-02	5.22E-01	0.00E+00	0.00E+00	1.37E+00
NT216C	1.36E-03	3.20E-01	1.10E-02	3.09E-01	0.00E+00	0.00E+00	1.84E+00	3.45E-06	5.50E-04	2.77E-03	0.00E+00	-4.23E-04	3.22E-10	7.13E-09	1.20E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00
NT220C	2.46E-03	3.63E-01	1.17E-02	3.35E-01	2.87E-12	0.00E+00	2.22E+00	4.58E-06	7.49E-04	3.13E-03	0.00E+00	-2.16E-04	3.93E-10	1.15E-08	1.52E-02	5.90E-01	0.00E+00	0.00E+00	1.82E+00
NT225C	2.58E-03	3.64E-01	1.24E-02	3.46E-01	2.87E-12	0.00E+00	2.23E+00	4.88E-06	1.12E-03	3.26E-03	0.00E+00	-2.56E-04	3.94E-10	1.28E-08	1.53E-02	6.20E-01	0.00E+00	0.00E+00	1.85E+00
NT232C	2.84E-03	3.67E-01	1.29E-02	3.48E-01	2.87E-12	0.00E+00	2.23E+00	4.86E-06	1.25E-03	3.24E-03	0.00E+00	-2.68E-04	4.16E-10	1.47E-08	1.53E-02	7.20E-01	0.00E+00	0.00E+00	1.98E+00
NT240C	3.05E-03	3.72E-01	1.39E-02	3.54E-01	2.87E-12	0.00E+00	2.22E+00	4.81E-06	1.51E-03	3.27E-03	0.00E+00	-2.98E-04	4.26E-10	1.81E-08	1.53E-02	7.56E-01	0.00E+00	0.00E+00	1.98E+00
NT250C	3.04E-03	3.31E-01	1.46E-02	3.16E-01	2.87E-12	0.00E+00	2.33E+00	4.88E-06	1.41E-03	3.13E-03	0.00E+00	-5.13E-04	4.41E-10	1.72E-08	1.60E-02	7.71E-01	0.00E+00	0.00E+00	2.00E+00
NT263C	4.16E-03	3.25E-01	1.54E-02	3.09E-01	2.87E-12	0.00E+00	2.34E+00	4.95E-06	2.22E-03	3.11E-03	0.00E+00	-5.66E-04	4.41E-10	2.60E-08	1.61E-02	8.04E-01	0.00E+00	0.00E+00	2.08E+00
NT301C	2.99E-03	4.72E-01	2.74E-02	4.42E-01	2.87E-12	0.00E+00	2.96E+00	7.04E-06	8.53E-04	4.24E-03	0.00E+00	-4.25E-04	5.73E-10	1.31E-08	2.19E-02	8.82E-01	0.00E+00	0.00E+00	2.45E+00
NT302C	3.01E-03	4.92E-01	1.67E-02	4.62E-01	2.87E-12	0.00E+00	3.25E+00	7.02E-06	1.04E-03	4.49E-03	0.00E+00	-4.95E-04	5.93E-10	1.35E-08	2.23E-02	8.72E-01	0.00E+00	0.00E+00	2.39E+00
NT304C	3.01E-03	4.95E-01	1.66E-02	4.64E-01	2.87E-12	0.00E+00	2.96E+00	7.05E-06	1.18E-03	4.50E-03	0.00E+00	-4.55E-04	5.75E-10	1.42E-08	2.20E-02	8.80E-01	0.00E+00	0.00E+00	2.43E+00
NT306C	2.75E-03	4.51E-01	1.75E-02	4.32E-01	2.87E-12	0.00E+00	2.89E+00	6.95E-06	1.03E-03	4.14E-03	0.00E+00	-4.31E-04	5.05E-10	1.33E-08	2.18E-02	8.54E-01	0.00E+00	0.00E+00	2.44E+00
NT310C	2.56E-03	4.47E-01	1.42E-02	4.32E-01	2.87E-12	0.00E+00	2.73E+00	5.46E-06	1.11E-03	4.09E-03	0.00E+00	-3.99E-04	4.79E-10	1.29E-08	1.88E-02	7.14E-01	0.00E+00	0.00E+00	2.06E+00
NT316C	2.68E-03	4.46E-01	1.51E-02	4.30E-01	2.87E-12	0.00E+00	2.82E+00	5.84E-06	1.21E-03	4.10E-03	0.00E+00	-3.96E-04	4.88E-10	1.47E-08	1.97E-02	7.56E-01	0.00E+00	0.00E+00	2.33E+00
NT320C	2.45E-03	4.77E-01	1.57E-02	4.61E-01	0.00E+00	0.00E+00	2.69E+00	4.99E-06	1.16E-03	4.17E-03	0.00E+00	-4.94E-04	4.80E-10	1.41E-08	1.77E-02	7.28E-01	0.00E+00	0.00E+00	2.02E+00
NT325C	3.29E-03	4.94E-01	1.76E-02	4.63E-01	2.87E-12	0.00E+00	3.03E+00	7.18E-06	1.50E-03	4.49E-03	0.00E+00	-4.54E-04	5.88E-10	1.81E-08	2.30E-02	9.42E-01	0.00E+00	0.00E+00	2.67E+00
NT332C	4.36E-03	3.87E-01	1.95E-02	3.67E-01	0.00E+00	0.00E+00	3.32E+00	7.49E-06	2.30E-03	4.04E-03	0.00E+00	-5.01E-04	5.66E-10	2.68E-08	2.37E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00

NSN116	2.55E-03	1.41E+00	0.00E+00	1.14E-08	5.96E-09	4.33E-04	7.48E-08	1.47E-01	0.00E+00	1.41E+00	2.49E-07	1.41E+00	1.55E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
NSN120	2.74E-03	1.43E+00	0.00E+00	1.15E-08	5.99E-09	4.30E-04	7.62E-08	1.52E-01	0.00E+00	1.43E+00	2.47E-07	1.43E+00	1.58E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.13E+01
NSN125	2.75E-03	1.47E+00	0.00E+00	1.20E-08	6.41E-09	4.71E-04	7.64E-08	1.64E-01	0.00E+00	1.47E+00	2.46E-07	1.47E+00	1.63E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NSN132	2.73E-03	1.49E+00	0.00E+00	1.23E-08	6.56E-09	4.76E-04	7.58E-08	1.66E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.65E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
NSN140	2.71E-03	1.53E+00	0.00E+00	1.26E-08	6.68E-09	4.90E-04	7.58E-08	1.60E-01	0.00E+00	1.53E+00	2.43E-07	1.53E+00	1.69E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
NSN150	2.73E-03	1.52E+00	0.00E+00	1.24E-08	6.74E-09	4.81E-04	7.66E-08	1.70E-01	0.00E+00	1.52E+00	2.43E-07	1.52E+00	1.68E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
NSN163	2.71E-03	1.58E+00	0.00E+00	1.30E-08	7.20E-09	5.19E-04	7.57E-08	1.73E-01	0.00E+00	1.58E+00	2.48E-07	1.58E+00	1.75E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.55E+01
NSN200	4.11E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.58E-04	1.41E-07	3.35E-01	0.00E+00	3.22E+00	6.67E-07	3.22E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
NSN201	4.09E-03	3.22E+00	0.00E+00	2.63E-08	1.36E-08	9.57E-04	1.41E-07	3.36E-01	0.00E+00	3.22E+00	6.58E-07	3.22E+00	3.48E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
NSN202	3.83E-03	3.24E+00	0.00E+00	2.61E-08	1.37E-08	9.33E-04	1.37E-07	3.36E-01	0.00E+00	3.24E+00	4.18E-07	3.24E+00	3.52E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
NSN203	3.80E-03	3.19E+00	0.00E+00	2.56E-08	1.32E-08	9.04E-04	1.35E-07	3.24E-01	0.00E+00	3.19E+00	4.19E-07	3.19E+00	3.46E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
NSN204	4.47E-03	3.42E+00	0.00E+00	2.77E-08	1.38E-08	9.64E-04	1.44E-07	3.41E-01	0.00E+00	3.42E+00	7.90E-07	3.42E+00	3.68E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
NSN206	3.42E-03	3.05E+00	0.00E+00	2.45E-08	1.25E-08	8.74E-04	1.27E-07	3.07E-01	0.00E+00	3.05E+00	4.27E-07	3.05E+00	3.35E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
NSN210	3.37E-03	3.14E+00	0.00E+00	2.51E-08	1.32E-08	9.03E-04	1.25E-07	3.24E-01	0.00E+00	3.14E+00	4.11E-07	3.14E+00	3.44E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
NSN213	3.38E-03	3.04E+00	0.00E+00	2.43E-08	1.26E-08	8.74E-04	1.24E-07	3.09E-01	0.00E+00	3.04E+00	4.11E-07	3.04E+00	3.34E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
NSN216	3.40E-03	3.16E+00	0.00E+00	2.53E-08	1.35E-08	9.12E-04	1.23E-07	3.29E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.46E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
NSN220	3.73E-03	3.16E+00	0.00E+00	2.57E-08	1.37E-08	9.59E-04	1.28E-07	3.38E-01	0.00E+00	3.16E+00	4.10E-07	3.16E+00	3.45E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
NSN225	3.73E-03	3.17E+00	0.00E+00	2.58E-08	1.38E-08	9.63E-04	1.26E-07	3.42E-01	0.00E+00	3.17E+00	4.10E-07	3.17E+00	3.49E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.88E+01
NSN232	4.02E-03	3.18E+00	0.00E+00	2.58E-08	1.39E-08	9.65E-04	1.35E-07	3.45E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.50E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
NSN240	3.98E-03	3.18E+00	0.00E+00	2.58E-08	1.38E-08	9.64E-04	1.29E-07	3.40E-01	0.00E+00	3.18E+00	4.10E-07	3.18E+00	3.49E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
NSN250	4.25E-03	3.20E+00	0.00E+00	2.59E-08	1.44E-08	9.69E-04	1.39E-07	3.48E-01	0.00E+00	3.20E+00	4.10E-07	3.20E+00	3.52E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NSN263	4.34E-03	3.21E+00	0.00E+00	2.60E-08	1.44E-08	9.72E-04	1.61E-07	3.49E-01	0.00E+00	3.21E+00	4.10E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NSN300	7.28E-03	4.20E+00	0.00E+00	3.43E-08	1.70E-08	1.28E-03	1.94E-07	4.12E-01	0.00E+00	4.20E+00	1.10E-06	4.20E+00	4.62E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.28E+01
NSN301	7.18E-03	4.17E+00	0.00E+00	3.41E-08	1.71E-08	1.28E-03	1.93E-07	4.11E-01	0.00E+00	4.17E+00	1.10E-06	4.17E+00	4.59E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.28E+01
NSN302	7.18E-03	3.94E+00	0.00E+00	3.18E-08	1.62E-08	1.23E-03	1.90E-07	4.04E-01	0.00E+00	3.94E+00	4.01E-07	3.94E+00	4.34E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.27E+01
NSN303	7.20E-03	4.18E+00	0.00E+00	3.42E-08	1.69E-08	1.28E-03	1.92E-07	4.12E-01	0.00E+00	4.18E+00	1.10E-06	4.18E+00	4.60E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
NSN304	7.24E-03	3.97E+00	0.00E+00	3.22E-08	1.64E-08	1.23E-03	1.94E-07	4.04E-01	0.00E+00	3.97E+00	3.97E-07	3.97E+00	4.39E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
NSN306	6.68E-03	3.86E+00	0.00E+00	3.12E-08	1.57E-08	1.18E-03	1.90E-07	3.85E-01	0.00E+00	3.86E+00	7.40E-07	3.86E+00	4.25E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
NSN310	7.07E-03	3.87E+00	0.00E+00	3.12E-08	1.59E-08	1.18E-03	1.92E-07	3.91E-01	0.00E+00	3.87E+00	3.30E-07	3.87E+00	4.26E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
NSN313	7.29E-03	3.93E+00	0.00E+00	3.16E-08	1.61E-08	1.20E-03	1.94E-07	4.03E-01	0.00E+00	3.93E+00	3.32E-07	3.93E+00	4.34E+00	4.03E-01	0.00E+00	0.00E+00	0.00E+00	8.18E+01
NSN316	7.41E-03	4.00E+00	0.00E+00	3.20E-08	1.63E-08	1.21E-03	1.98E-07	4.04E-01	0.00E+00	4.00E+00	3.32E-07	4.00E+00	4.42E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.23E+01
NSN320	7.48E-03	4.23E+00	0.00E+00	3.43E-08	1.71E-08	1.28E-03	2.15E-07	4.22E-01	0.00E+00	4.23E+00	3.32E-07	4.23E+00	4.66E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.52E+01
NSN325	7.48E-03	4.27E+00	0.00E+00	3.46E-08	1.91E-08	1.41E-03	2.21E-07	4.78E-01	0.00E+00	4.27E+00	3.31E-07	4.27E+00	4.72E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	9.63E+01
NSN332	7.38E-03	4.33E+00	0.00E+00	3.51E-08	1.99E-08	1.43E-03	2.26E-07	4.91E-01	0.00E+00	4.33E+00	3.26E-07	4.33E+00	4.82E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
NSN340	7.48E-03	4.34E+00	0.00E+00	3.50E-08	1.90E-08	1.43E-03	2.16E-07	4.66E-01	0.00E+00	4.34E+00	3.35E-07	4.34E+00	4.77E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
NSN350	7.56E-03	4.42E+00	0.00E+00	3.57E-08	2.05E-08	1.49E-03	2.30E-07	5.11E-01	0.00E+00	4.42E+00	3.25E-07	4.42E+00	4.91E+00	5.11E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NSN363	7.67E-03	4.42E+00	0.00E+00	3.57E-08	2.05E-08	1.50E-03	2.30E-07	5.12E-01	0.00E+00	4.42E+00	3.27E-07	4.42E+00	4.91E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NSN400	8.58E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.50E-03	2.34E-07	6.29E-01	0.00E+00	5.89E+00	4.07E-07	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NSN401	8.59E-03	5.89E+00	0.00E+00	4.66E-08	2.42E-08	1.50E-03	2.38E-07	6.29E-01	0.00E+00	5.89E+00	1.19E-06	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NSN402	8.72E-03	5.91E+00	0.00E+00	4.67E-08	2.52E-08	2.03E-03	2.51E-07	6.32E-01	0.00E+00	5.91E+00	1.20E-06	5.91E+00	6.54E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NSN403	8.74E-03	6.06E+00	0.00E+00	4.68E-08	2.53E-08	2.04E-03	2.58E-07	6.36E-01	0.00E+00	6.06E+00	1.19E-06	6.06E+00	6.70E+00	6.36E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NSN404	8.64E-03	5.89E+00	0.00E+00	4.66E-08	2.43E-08	1.65E-03	2.46E-07	6.29E-01	0.00E+00	5.89E+00	4.01E-07	5.89E+00	6.52E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
NSN406	8.33E-03	5.03E+00	0.00E+00	4.01E-08	1.94E-08	1.40E-03	2.30E-07	5.05E-01	0.00E+00	5.03E+00	9.22E-07	5.03E+00	5.48E+00	5.05E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NSN410	8.42E-03	5.74E+00	0.00E+00	4.56E-08	2.34E-08	1.49E-03	2.39E-07	6.06E-01	0.00E+00	5.74E+00	9.27E-07	5.74E+00	6.32E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NSN413	8.43E-03	5.79E+00	0.00E+00	4.60E-08	2.38E-08	1.60E-03	2.39E-07	6.14E-01	0.00E+00	5.79E+00	9.27E-07	5.79E+00	6.41E+00	6.14E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
NSN416	4.36E-03	5.94E+00	0.00E+00	4.72E-08	2.46E-08	1.65E-03	1.86E-07	6.43E-01	0.00E+00	5.94E+00	9.81E-07	5.94E+00	6.53E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
NSN420	8.80E-03	5.94E+00	0.00E+00	4.67E-08	2.45E-08	1.67E-03	2.63E-07	6.42E-01	0.00E+00	5.94E+00	9.62E-07	5.94E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NSN425	8.88E-03	5.96E+00	0.00E+00	4.70E-08	2.48E-08	1.68E-03	2.70E-07	6.42E-01	0.00E+00	5.96E+00	3.59E-07	5.96E+00	6.61E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
NSN432	8.75E-03	6.18E+00	0.00E+00	5.02E-08	2.73E-08	2.05E-03	2.79E-07	6.85E-01	0.00E+00	6.18E+00	3.57E-07	6.18E+00	6.86E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NSN440	8.77E-03	6.17E+00	0.00E+00	5.01E-08	2.72E-08	2.05E-03	2.77E-07	6.85E-01	0.00E+00	6.17E+00	3.48E-07	6.17E+00	6.86E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
NSN450	8.83E-03	6.31E+00	0.00E+00	5.08E-08	2.75E-08	2.07E-03	2.77E-07	6.90E-01	0.00E+00	6.31E+00	3.50E-07	6.31E+00	7.00E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NSN463	8.83E-03	6.29E+00	0.00E+00	5.07E-08	2.74E-08	2.07E-03	2.76E-07	6.90E-01	0.00E+00	6.29E+00	3.48E-07	6.29E+00	6.99E+00	6.90E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
NT101C	4.24E-03	1.96E+00	0.00E+00	1.51E-08	7.56E-09	4.23E-04	1.16E-07	1.61E-01	0.00E+00	1.96E+00	5.88E-07	1.96E+00	2.14E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
NT102C	4.86E-03	1.95E+00	0.00E+00	1.49E-08	7.33E-09	4.12E-04	1.31E-07	1.66E-01	0.00E+00	1.95E+00	6.14E-07	1.95E+00	2.11E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NT104C	4.28E-03	1.99E+00	0.00E+00	1.51E-08	7.82E-09	4.36E-04	1.18E-07	1.63E-01	0.00E+00	1.99E+00	5.88E-07	1.99E+00	2.18E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
NT106C	3.71E-03	1.93E+00	0.00E+00	1.51E-08	7.62E-09	4.25E-04	1.02E-07	1.57E-01	0.00E+00	1.93E+00	5.63E-07	1.93E+00	2.12E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
NT110C	3.35E-03	1.45E+00	0.00E+00	1.13E-08	5.61E-09	4.08E-04	8.00E-08	1.35E-01	0.00E+00	1.45E+00	4.77E-07	1.45E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NT116C	3.37E-03	1.46E+00	0.00E+00	1.13E-08	5.61E-09	4.09E-04	8.01E-08	1.35E-01	0.00E+00	1.46E+00	4.77E-07	1.46E+00	1.57E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
NT120C	2.91E-03	1.59E+00	0.00E+00	1.30E-08	6.96E-09	4.12E-04	7.64E-08	1.50E-01	0.00E+00	1.59E+00	5.09E-07	1.59E+00	1.73E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
NT125C	3.54E-03	1.99E+00	0.00E+00	1.53E-08	7.87E-09	4.44E-04	1.04E-07	1.64E-01	0.00E+00	1.99E+00	5.68E-07	1.99E+00	2.17E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
NT132C	4.69E-03	1.96E+00	0.00E+00	1.51E-08	7.73E-09	4.40E-04	1.27E-07	1.75E-01	0.00E+00	1.96E+00	5.70E-07	1.96E+00	2.13E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
NT140C	3.41E-03	1.99E+00	0.00E+00	1.53E-08	7.94E-09	4.58E-04	9.43E-08	1.71E-01	0.00E+00	1.99E+00	5.62E-07	1.99E+00	2.17E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
NT150C	4.32E-03	2.02E+00	0.00E+00	1.56E-08	8.05E-09	5.26E-04	9.84E-08	1.87E-01	0.00E+00	2.02E+00	5.71E-07	2.02E+00	2.20E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
NT163C	4.77E-03	2.02E+00	0.00E+00	1.56E-08	8.03E-09	5.27E-04	1.10E-07	1.87E-01	0.00E+00	2.02E+00	5.69E-07	2.02E+00	2.20E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
NT201C	4.36E-03	3.74E+00	0.00E+00	2.93E-08	1.43E-08	9.30E-04	1.43E-07	3.35E-01	0.00E+00	3.74E+00	5.61E-07	3.74E+00	4.08E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NT202C	4.48E-03	3.76E+00	0.00E+00	2.94E-08	1.44E-08	9.31E-04	1.45E-07	3.36E-01	0.00E+00	3.76E+00	1.13E-06	3.76E+00	4.09E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.28E+01
NT204C	4.35E-03	3.72E+00	0.00E+00	2.91E-08	1.43E-08	9.28E-04	1.43E-07	3.35E-01	0.00E+00	3.72E+00	5.60E-07	3.72E+00	4.06E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
NT206C	4.20E-03	3.68E+00	0.00E+00	2.90E-08	1.43E-08	9.21E-04	1.37E-07	3.36E-01	0.00E+00	3.68E+00	1.26E-06	3.68E+00	4.04E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NT210C	4.19E-03	2.60E+00	0.00E+00	2.06E-08	9.96E-09	7.50E-04	1.36E-07	2.42E-01	0.00E+00	2.60E+00	6.76E-07	2.60E+00	2.83E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
NT216C	5.61E-03	2.50E+00	0.00E+00	2.01E-08	9.61E-09	7.18E-04	1.61E-07	2.39E-01	0.00E+00	2.50E+00	4.71E-07	2.50E+00	2.74E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
NT220C	4.02E-03	3.65E+00	0.00E+00	2.90E-08	1.44E-08	9.06E-04	1.23E-07	3.37E-01	0.00E+00	3.65E+00	6.05E-07	3.65E+00	3.81E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
NT225C	3.77E-03	3.80E+00	0.00E+00	2.97E-08	1.45E-08	9.26E-04	1.22E-07	3.40E-01	0.00E+00	3.80E+00	1.21E-06	3.80E+00	4.10E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
NT232C	3.87E-03	3.80E+00	0.00E+00	2.97E-08	1.46E-08	9.24E-04	1.19E-07	3.46E-01	0.00E+00	3.80E+00	1.21E-06	3.80E+00	4.09E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
NT240C	4.08E-03	3.74E+00	0.00E+00	2.92E-08	1.53E-08	9.38E-04	1.24E-07	3.47E-01	0.00E+00	3.74E+00	1.20E-06	3.74E+00	4.09E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.38E+01
NT250C	5.37E-03	3.78E+00	0.00E+00	2.92E-08	1.49E-08	9.53E-04	1.78E-07	3.55E-01	0.00E+00	3.78E+00	1.14E-06	3.78E+00	4.14E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
NT263C	6.47E-03	3.81E+00	0.00E+00	2.95E-08	1.58E-08	9.51E-04	2.06E-07	3.68E-01	0.00E+00	3.81E+00	1.21E-06	3.81E+00	4.21E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E+01
NT301C	5.64E-03	5.68E+00	0.00E+00	4.40E-08	1.99E-08	1.28E-03	1.62E-07	4.33E-01	0.00E+00	5.68E+00	5.27E-07	5.68E+00	6.17E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	8.77E+01
NT302C	6.19E-03	5.71E+00	0.00E+00	4.42E-08	1.98E-08	1.32E-03	1.81E-07	4.28E-01	0.00E+00	5.71E+00	1.74E-06	5.71E+00	6.22E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
NT304C	6.20E-03	5.70E+00	0.00E+00	4.42E-08	1.98E-08	1.31E-03	1.74E-07	4.32E-01	0.00E+00	5.70E+00	1.76E-06	5.70E+00	6.22E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	8.77E+01
NT306C	6.33E-03	5.62E+00	0.00E+00	4.36E-08	1.98E-08	1.23E-03	1.83E-07	4.39E-01	0.00E+00	5.62E+00	1.61E-06	5.62E+00	6.12E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.93E+01
NT310C	5.93E-03	3.91E+00	0.00E+00	3.13E-08	1.52E-08	1.12E-03	1.76E-07	3.70E-01	0.00E+00	3.91E+00	7.94E-07	3.91E+00	4.30E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
NT316C	5.98E-03	4.45E+00	0.00E+00	3.54E-08	1.84E-08	1.12E-03	1.79E-07	4.15E-01	0.00E+00	4.45E+00	8.14E-07	4.45E+00	4.99E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	8.48E+01
NT320C	6.57E-03	3.73E+00	0.00E+00	3.02E-08	1.48E-08	1.10E-03	1.96E-07	3.62E-01	0.00E+00	3.73E+00	6.70E-07	3.73E+00	4.09E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
NT325C	6.28E-03	5.69E+00	0.00E+00	4.44E-08	2.13E-08	1.36E-03	1.85E-07	4.72E-01	0.00E+00	5.69E+00	1.75E-06	5.69E+00	6.20E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.79E+01
NT332C	6.66E-03	5.83E+00	0.00E+00	4.50E-08	2.30E-08	1.31E-03	2.01E-07	5.16E-01	0.00E+00	5.83E+00	1.77E-06	5.83E+00	6.34E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02

NT340C	4.36E-03	3.85E-01	2.06E-02	3.65E-01	0.00E+00	0.00E+00	3.32E+00	7.51E-06	2.30E-03	4.02E-03	0.00E+00	-6.32E-04	5.67E-10	2.68E-08	2.37E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	8.39E-03	5.82E+00	0.00E+00	4.49E-08	2.30E-08	1.30E-03	2.43E-07	5.16E-01	0.00E+00	5.82E+00	1.75E-06	5.82E+00	6.34E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NT350C	5.03E-03	4.11E-01	2.67E-02	3.84E-01	0.00E+00	0.00E+00	3.66E+00	8.15E-06	2.78E-03	4.24E-03	0.00E+00	-1.17E-03	6.13E-10	3.18E-08	2.51E-02	1.22E+00	0.00E+00	0.00E+00	3.24E+00	1.55E-02	6.15E+00	0.00E+00	4.72E-08	2.45E-08	1.39E-03	4.18E-07	5.67E-01	0.00E+00	6.15E+00	1.72E-06	6.15E+00	6.72E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
NT363C	5.09E-03	4.10E-01	2.67E-02	3.83E-01	0.00E+00	0.00E+00	3.65E+00	8.12E-06	2.82E-03	4.23E-03	0.00E+00	-1.17E-03	6.12E-10	3.22E-08	2.50E-02	1.23E+00	0.00E+00	0.00E+00	3.24E+00	1.55E-02	6.14E+00	0.00E+00	4.71E-08	2.45E-08	1.40E-03	4.18E-07	5.66E-01	0.00E+00	6.14E+00	1.71E-06	6.14E+00	6.70E+00	5.66E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
VKS01SG	1.07E-03	1.92E-01	1.93E-02	1.72E-01	8.93E-10	0.00E+00	1.04E+00	1.53E-06	5.65E-04	1.61E-03	0.00E+00	6.70E-03	4.08E-10	6.18E-09	8.10E-03	2.54E-01	1.83E-04	1.66E-03	6.75E-01	1.55E-03	1.32E+00	0.00E+00	9.95E-09	5.32E-09	4.22E-04	5.40E-07	1.34E-01	0.00E+00	1.32E+00	2.13E-07	1.32E+00	1.45E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
VKS03SF	2.14E-03	3.79E-01	3.52E-02	3.43E-01	1.77E-09	0.00E+00	2.05E+00	3.04E-06	1.13E-03	3.20E-03	0.00E+00	1.33E-02	5.73E-10	1.24E-08	1.59E-02	5.10E-01	1.83E-04	1.66E-03	1.35E+00	2.47E-03	2.62E+00	0.00E+00	1.99E-08	1.06E-08	8.41E-04	9.34E-07	2.64E-01	0.00E+00	2.62E+00	4.27E-07	2.62E+00	2.88E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
VKS04SD	3.68E-03	6.67E-01	6.77E-02	6.00E-01	3.42E-09	0.00E+00	4.05E+00	6.11E-06	1.83E-03	5.70E-03	0.00E+00	2.72E-02	8.61E-10	2.13E-08	3.19E-02	9.52E-01	1.83E-04	1.66E-03	2.59E+00	4.40E-03	5.14E+00	0.00E+00	3.87E-08	2.01E-08	1.51E-03	1.76E-06	5.06E-01	0.00E+00	5.14E+00	9.13E-07	5.14E+00	5.65E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	9.32E+01
VKS05SK	6.21E-03	7.27E-01	6.75E-02	6.59E-01	3.69E-09	0.00E+00	4.92E+00	7.79E-06	3.66E-03	6.39E-03	0.00E+00	2.40E-02	1.04E-09	4.07E-08	3.49E-02	1.36E+00	1.83E-04	1.66E-03	3.50E+00	3.99E-03	6.11E+00	0.00E+00	4.65E-08	2.54E-08	1.82E-03	1.60E-06	6.60E-01	0.00E+00	6.11E+00	9.41E-07	6.11E+00	6.77E+00	6.60E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VKS06SV	2.96E-03	3.92E-01	3.48E-02	3.58E-01	1.84E-09	0.00E+00	2.31E+00	3.55E-06	1.72E-03	3.38E-03	0.00E+00	1.20E-02	6.27E-10	1.87E-08	1.67E-02	6.40E-01	1.83E-04	1.66E-03	1.65E+00	2.31E-03	2.90E+00	0.00E+00	2.22E-08	1.23E-08	9.32E-04	8.70E-07	3.13E-01	0.00E+00	2.90E+00	4.35E-07	2.90E+00	3.21E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.02E+01
VKS08SC	6.22E-03	7.30E-01	6.77E-02	6.62E-01	3.70E-09	0.00E+00	4.93E+00	7.80E-06	3.66E-03	6.41E-03	0.00E+00	2.41E-02	1.04E-09	4.07E-08	3.50E-02	1.36E+00	1.83E-04	1.66E-03	3.50E+00	4.00E-03	6.13E+00	0.00E+00	4.66E-08	2.55E-08	1.82E-03	1.61E-06	6.61E-01	0.00E+00	6.13E+00	9.44E-07	6.13E+00	6.79E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VKS12SJ	1.07E-03	1.90E-01	1.81E-02	1.72E-01	8.77E-10	0.00E+00	1.02E+00	1.53E-06	5.64E-04	1.59E-03	0.00E+00	6.06E-03	4.08E-10	6.18E-09	7.87E-03	2.54E-01	1.83E-04	1.66E-03	6.75E-01	1.47E-03	1.31E+00	0.00E+00	9.93E-09	5.30E-09	4.19E-04	5.05E-07	1.33E-01	0.00E+00	1.31E+00	2.13E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
VKS13SH	1.57E-03	1.75E-01	7.67E-03	1.69E-01	2.87E-12	0.00E+00	9.76E-01	1.79E-06	1.22E-03	1.55E-03	0.00E+00	-1.28E-04	2.20E-10	1.18E-08	6.16E-03	3.02E-01	4.56E-06	4.99E-05	8.14E-01	1.72E-03	1.33E+00	0.00E+00	1.08E-08	5.60E-09	4.19E-04	3.49E-07	1.43E-01	0.00E+00	1.33E+00	4.38E-07	1.33E+00	1.47E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
Y1106	1.06E-03	1.68E-01	5.73E-03	1.64E-01	2.87E-12	0.00E+00	9.90E-01	1.84E-06	5.03E-04	1.53E-03	0.00E+00	-8.62E-05	1.83E-10	6.23E-09	6.23E-03	2.78E-01	0.00E+00	0.00E+00	7.99E-01	1.68E-03	1.37E+00	0.00E+00	1.12E-08	5.71E-09	4.19E-04	5.04E-08	1.41E-01	0.00E+00	1.37E+00	2.48E-07	1.37E+00	1.51E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
Y11101	6.14E-04	1.39E-01	3.87E-03	1.35E-01	2.87E-12	0.00E+00	7.19E-01	1.35E-06	2.51E-04	1.20E-03	0.00E+00	-7.68E-05	1.22E-10	3.21E-09	4.60E-03	1.86E-01	0.00E+00	0.00E+00	5.49E-01	1.03E-03	1.02E+00	0.00E+00	8.29E-09	4.06E-09	3.12E-04	4.13E-08	9.78E-02	0.00E+00	1.02E+00	2.23E-07	1.02E+00	1.12E+00	9.78E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
Y11161	6.16E-04	1.39E-01	3.86E-03	1.35E-01	2.87E-12	0.00E+00	7.19E-01	1.36E-06	2.52E-04	1.20E-03	0.00E+00	-7.55E-05	1.27E-10	3.22E-09	4.59E-03	1.86E-01	0.00E+00	0.00E+00	5.50E-01	1.01E-03	1.02E+00	0.00E+00	8.29E-09	4.06E-09	3.13E-04	4.12E-08	9.81E-02	0.00E+00	1.02E+00	2.23E-07	1.02E+00	1.12E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
Y11201	6.16E-04	1.39E-01	3.85E-03	1.35E-01	2.87E-12	0.00E+00	7.19E-01	1.35E-06	2.52E-04	1.20E-03	0.00E+00	-7.54E-05	1.22E-10	3.22E-09	4.59E-03	1.86E-01	0.00E+00	0.00E+00	5.49E-01	1.01E-03	1.02E+00	0.00E+00	8.29E-09	4.06E-09	3.12E-04	4.11E-08	9.80E-02	0.00E+00	1.02E+00	2.23E-07	1.02E+00	1.12E+00	9.80E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
Y1125	1.03E-03	1.63E-01	5.52E-03	1.58E-01	2.87E-12	0.00E+00	9.37E-01	1.74E-06	4.92E-04	1.49E-03	0.00E+00	-8.70E-05	1.75E-10	6.19E-09	5.97E-03	2.59E-01	0.00E+00	0.00E+00	7.40E-01	1.60E-03	1.33E+00	0.00E+00	1.05E-08	5.39E-09	3.97E-04	5.06E-08	1.31E-01	0.00E+00	1.33E+00	2.38E-07	1.33E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
Y1132	1.41E-03	1.72E-01	6.07E-03	1.69E-01	2.87E-12	0.00E+00	1.04E+00	1.86E-06	8.63E-04	1.57E-03	0.00E+00	-8.89E-05	1.90E-10	9.49E-09	6.36E-03	3.42E-01	0.00E+00	0.00E+00	9.12E-01	1.60E-03	1.42E+00	0.00E+00	1.15E-08	6.35E-09	4.49E-04	5.15E-08	1.65E-01	0.00E+00	1.42E+00	2.56E-07	1.42E+00	1.56E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
Y1140	1.46E-03	1.72E-01	5.99E-03	1.69E-01	2.87E-12	0.00E+00	1.05E+00	1.87E-06	8.86E-04	1.57E-03	0.00E+00	-8.78E-05	1.91E-10	9.65E-09	6.36E-03	3.45E-01	0.00E+00	0.00E+00	9.17E-01	1.57E-03	1.42E+00	0.00E+00	1.15E-08	6.42E-09	4.53E-04	5.08E-08	1.66E-01	0.00E+00	1.42E+00	2.49E-07	1.42E+00	1.56E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
Y1150	1.68E-03	1.94E-01	7.07E-03	1.91E-01	2.87E-12	0.00E+00	1.19E+00	2.15E-06	9.54E-04	1.65E-03	0.00E+00	-1.41E-04	2.20E-10	1.08E-08	7.02E-03	4.03E-01	0.00E+00	0.00E+00	1.03E+00	1.96E-03	1.61E+00	0.00E+00	1.30E-08	7.20E-09	5.22E-04	5.77E-08	1.83E-01	0.00E+00	1.61E+00	2.50E-07	1.61E+00	1.79E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.77E+01
Y1163	1.67E-03	1.88E-01	7.13E-03	1.87E-01	2.87E-12	0.00E+00	1.19E+00	2.02E-06	1.25E-03	1.62E-03	0.00E+00	-1.51E-04	2.04E-10	1.16E-08	6.85E-03	3.94E-01	0.00E+00	0.00E+00	9.53E-01	2.03E-03	1.50E+00	0.00E+00	1.22E-08	6.66E-09	4.82E-04	5.84E-08	1.74E-01	0.00E+00	1.50E+00	2.55E-07	1.50E+00	1.67E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
Y1206	1.24E-03	2.64E-01	7.42E-03	2.56E-01	2.87E-12	0.00E+00	1.56E+00	3.02E-06	5.08E-04	2.31E-03	0.00E+00	-2.12E-04	2.59E-10	6.34E-09	1.01E-02	4.04E-01	5.91E-06	0.00E+00	1.06E+00	3.33E-03	2.21E+00	0.00E+00	1.77E-08	8.57E-09	6.20E-04	7.72E-08	1.91E-01	0.00E+00	2.21E+00	4.18E-07	2.21E+00	2.45E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
Y12101	1.05E-03	1.53E-01	3.96E-03	1.45E-01	2.87E-12	0.00E+00	7.20E-01	1.54E-06	2.58E-04	1.24E-03	0.00E+00	-1.71E-04	1.28E-10	3.38E-09	4.73E-03	1.99E-01	0.00E+00	0.00E+00	5.87E-01	2.09E-03	1.18E+00	0.00E+00	8.93E-09	4.18E-09	3.16E-04	7.39E-08	1.04E-01	0.00E+00	1.18E+00	3.24E-07	1.18E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
Y12161	1.05E-03	1.53E-01	4.32E-03	1.45E-01	2.87E-12	0.00E+00	7.20E-01	1.54E-06	7.04E-04	1.24E-03	0.00E+00	-1.74E-04	1.28E-10	7.96E-09	4.73E-03	2.10E-01	0.00E+00	0.00E+00	5.89E-01	2.11E-03	1.18E+00	0.00E+00	8.93E-09	4.18E-09	3.16E-04	7.41E-08	1.04E-01	0.00E+00	1.18E+00	3.25E-07	1.18E+00	1.27E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
Y1220	1.82E-03	3.03E-01	1.09E-02	2.86E-01	2.87E-12	0.00E+00	2.08E+00	3.77E-06	8.18E-04	2.82E-03	0.00E+00	-2.43E-04	3.43E-10	1.05E-08	1.22E-02	6.20E-01	5.91E-06	0.00E+00	1.52E+00	3.82E-03	2.74E+00	0.00E+00	2.20E-08	1.07E-08	8.07E-04	1.07E-07	2.62E-01	0.00E+00	2.74E+00	4.33E-07	2.74E+00	3.00E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
Y1225	1.93E-03	3.00E-01	1.09E-02	2.79E-01	2.87E-12	0.00E+00	2.09E+00	3.80E-06	1.10E-03	2.82E-03	0.00E+00	-2.41E-04	3.44E-10	1.19E-08	1.22E-02	6.26E-01	5.91E-06	0.00E+00	1.54E+00	3.89E-03	2.75E+00	0.00E+00	2.20E-08	1.07E-08	8.19E-04	1.08E-07	2.66E-01	0.00E+00	2.75E+00	4.33E-07	2.75E+00	3.01E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.53E+01
Y1232	2.93E-03	3.75E-01	1.24E-02	3.61E-01	2.87E-12	0.00E+00	2.25E+00	4.31E-06	1.57E-03	3.40E-03	0.00E+00	-2.98E-04	4.04E-10	1.63E-08	1.44E-02	7.16E-01	5.91E-06	0.00E+00	1.81E+00	3.95E-03	3.31E+00	0.00E+00	2.68E-08	1.30E-08	9.34E-04	1.10E-07	3.20E-01	0.00E+00	3.31E+00	6.16E-07	3.31E+00	3.52E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
Y1240	3.06E-03	2.88E-01	1.19E-02	2.72E-01	2.87E-12	0.00E+00	2.21E+00	4.26E-06	1.85E-03	2.84E-03	0.00E+00	-2.87E-04	3.61E-10	1.97E-08	1.39E-02	7.30E-01	5.91E-06	0.00E+00	1.80E+00	4.22E-03	3.27E+00	0.00E+00	2.62E-08	1.27E-08	8.95E-04	1.21E-07	3.15E-01	0.00E+00	3.27E+00	4.71E-07	3.27E+00	3.50E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	6.57E+01
Y1250	3.16E-03	3.57E-01	1.23E-02	3.39E-01	2.87E-12	0.00E+00	2.30E+00	4.37E-06	1.73E-03	3.33E-03	0.00E+00	-3.64E-04	3.80E-10	1.91E-08	1.42E-02	7.77E-01	5.91E-06	0.00E+00	1.84E+00	4.94E-03	3.32E+00	0.00E+00	2.69E-08	1.31E-08	9.44E-04	1.46E-07	3.27E-01	0.00E+00	3.32E+00	4.80E-07	3.32E+00	3.54E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
Y1263	4.24E-03	3.59E-01	1.28E-02	3.38E-01	2.87E-12	0.00E+00	2.30E+00	4.40E-06	2.45E-03	3.31E-03	0.00E+00	-3.88E-04	3.77E-10	2.74E-08	1.42E-02	7.81E-01	5.91E-06	0.00E+00	1.86E+00	5.63E-03	3.32E+00	0.00E+00	2.69E-08	1.31E-08	9.44E-04	1.68E-07	3.28E-01	0.00E+00	3.32E+00	4.77E-07	3.32E+00	3.54E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
Y1306	2.25E-03	3.96E-01	1.74E-02	3.82E-01	2.87E-12	0.00E+00	2.24E+00	4.21E-06	9.32E-04	3.44E-03	0.00E+00	-3.74E-04	3.85E-10	1.17E-08	1.41E-02	6.42E-01	5.91E-06	0.00E+00	1.66E+00	4.31E-03	3.25E+00	0.00E+00	2.64E-08	1.24E-08	9.37E-04	1.32E-07	3.00E-01	0.00E+00	3.25E+00	2.91E-07	3.25E+00	3.46E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
Y13101	1.03E-03	1.55E-01	4.30E-03	1.47E-01	2.87E-12	0.00E+00	7.20E-01	1.53E-06	6.82E-04	1.23E-03	0.00E+00	-2.22E-04	1.28E-10	7.63E-09	4.73E-03	2.06E-01	0.00E+00	0.00E+00	5.87E-01	2.21E-03	1.19E+00	0.00E+00	8.94E-09	4.18E-09	3.17E-04	7.41E-08	1.03E-01	0.00E+00	1.19E+00	3.25E-07	1.19E+00	1.28E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
Y13161	1.43E-03	1.55E-01	4.35E-03	1.47E-01	2.87E-12	0.00E+00	7.20E-01	1.53E-06	9.64E-04	1.23E-03	0.00E+00	-2.21E-04	1.28E-10	1.05E-08	4.73E-03	2.08E-01	0.00E+00	0.00E+00	5.93E-01	2.26E-03	1.19E+00	0.00E+00	8.94E-09	4.18E-09	3.17E-04	7.50E-08	1.04E-01	0.00E+00	1.19E+00	3.24E-07	1.19E+00	1.28E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
Y1320	2.90E-03	4.33E-01	2.71E-02	4.44E-01	2.87E-12	0.00E+00	3.34E+00	5.62E-06	1.35E-03	4.34E-03	0.00E+00	-4.30E-04	5.28E-10	1.67E-08	2.05E-02	8.11E-01	5.91E-06	0.00E+00	2.29E+00	5.46E-03	4.30E+00	0.00E+00	3.46E-08	1.67E-08	1.19E-03	1.62E-07	4.10E-01	0.00E+00	4.30E+00	3.63E-07	4.30E+00	4.54E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.48E+01
Y13201	1.41E-03	1.55E-01	4.35E-03	1.47E-01	2.87E-12	0.00E+00	7.20E-01	1.53E-06	1.07E-03	1.23E-03	0.00E+00	-2.21E-04	1.28E-10	1.07E-08	4.73E-03	2.08E-01	0.00E+00	0.00E+00	5.93E-01	2.35E-03	1.19E+00	0.00E+00	8.94E-09	4.18E-09	3.17E-04	8.42E-08	1.04E-01	0.00E+00	1.19E+00	3.24E-07	1.19E+00	1.28E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
Y1325	3.12E-03	4.30E-01	2.73E-02	4.41E-01	2.87E-12	0.00E+00	3.38E+00	5.73E-06	1.63E-03	4.33E-03	0.00E+00	-4.29E-04	5.54E-10	1.87E-08	2.06E-02	8.47E-01	5.91E-06	0.00E+00	2.34E+00	5.55E-03	4.32E+00	0.00E+00	3.48E-08	1.72E-08	1.21E-03	1.63E-07	4.22E-01	0.00E+00	4.32E+00	3.90E-07	4.32E+00	4.56E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.76E+01
Y1340	4.62E-03	4.36E-01	2.95E-02	4.50E-01	2.87E-12	0.00E+00	3.25E+00	5.78E-06	2.69E-03	4.36E-03	0.00E+00	-4.52E-04	5.77E-10	2.89E-08	2.05E-02	1.08E+00	5.91E-06	0.00E+00	2.68E+00	5.95E-03	4.29E+00	0.00E+00	3.46E-08	2.02E-08	1.30E-03	1.88E-07	4.77E-01	0.00E+00	4.29E+00	4.22E-07	4.29E+00	4.70E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
Y1350	5.23E-03	5.40E-01	3.17E-02	5.38E-01	2.87E-12	0.00E+00	3.29E+00	5.88E-06	2.99E-03	4.89E-03	0.00E+00	-7.13E-04	6.26E-10	3.32E-08	2.06E-02	1.21E+00	5.91E-06	0.00E+00	3.05E+00	7.37E-03	4.49E+00	0.00E+00	3.67E-08	2.16E-08	1.50E-03	2.28E-07	5.44E-01	0.00E+00	4.49E+00	4.32E-07	4.49E+00	4.90E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
Y1363	5.12E-03	5.56E-01	2.29E-02	5.54E-01	2.87E-12	0.00E+00	3.52E+00	6.47E-06	3.01E-03	5.07E-03	0.00E+00	-7.53E-04	6.15E-10	3.33E-08	2.17E-02	1.21E+00	5.91E-06	0.00E+00	3.06E+00	7.42E-03	4.84E+00	0.00E+00	3.87E-08	2.13E-08	1.50E-03	2.42E-07	5.42E-01	0.00E+00	4.84E+00	8.89E-07	4.84E+00	5.31E+00	5.42E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
Y1406	3.00E-03	5.52E-01	2.73E-02	5.40E-01	2.87E-12	0.00E+00	3.43E+00	5.87E-06	1.10E-03	5.02E-03	0.00E+00	-4.15E-04	5.53E-10	1.41E-08	2.11E-02	8.37E-01	5.91E-06	0.00E+00	2.45E+00	5.49E-03	4.54E+00	0.00E+00	3.65E-08	1.72E-08	1.28E-03	1.72E-07	4.29E-01	0.00E+00	4.54E+00	3.53E-07	4.54E+00	4.84E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.48E+01
Y14101	1.43E-03	1.57E-01	5.34E-03	1.50E-01	2.87E-12	0.00E+00	7.20E-01	1.53E-06	1.04E-03	1.25E-03	0.00E+00	-2.21E-04	1.66E-10	1.11E-08	4.74E-03	2.08E-01	0.00E+00	0.00E+00	5.93E-01	2.27E-03	1.19E+00	0.00E+00	8.94E-09	4.18E-09	3.17E-04	7.76E-08	1.04E-01	0.00E+00	1.19E+00	3.24E-07	1.19E+00	1.28E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
Y14161	1.41E-03	1.57E-01	5.52E-03	1.50E-01	2.87E-12	0.00E+00	7.20E-01	1.53E-06	1.15E-03	1.25E-03	0.00E+00	-2.21E-04	1.67E-10	1.11E-08	4.74E-03	2.08E-01	0.00E+00	0.00E+00	5.93E-01	2.39E-03	1.19E+00	0.00E+00	8.94E-09	4.18E-09	3.17E-04	8.80E-08	1.04E-01	0.00E+00	1.19E+00	3.24E-07	1.19E+00	1.28E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
Y1420	5.34E-03	6.34E-01	3.07E-02	6.06E-01	2.87E-12	0.00E+00	4.83E+00	8.72E-06	2.99E-03	5.45E-03	0.00E+00	-5.55E-04	7.99E-10	3.39E-08	2.75E-02	1.42E+00	5.91E-06	0.00E+00	3.70E+00	6.03E-03	6.17E+00	0.00E+00	4.97E-08	2.53E-08	1.63E-03	1.84E-07	6.48E-01	0.00E+00	6.17E+00	3.75E-07	6.17E+00	6.67E+00	6.48E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
Y1425	4.84E-03	6.34E-01	3.08E-02	6.09E-01	2.87E-12	0.00E+00	4.83E+00	8.73E-06	2.79E-03	5.46E-03	0.00E+00	-5.65E-04	8.01E-10	3.13E-08	2.75E-02	1.42E+00	5.91E-06	0.00E+00	3.71E+00	6.07E-03	6.17E+00	0.00E+00	4.98E-08	2.55E-08	1.63E-03	1.86E-07	6.49E-01	0.00E+00	6.17E+00	4.03E-07	6.17E+00	6.67E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
Y1432	4.92E-03	6.38E-01	3.09E-02	6.08E-01	2.87E-12	0.00E+00	4.73E+00	8.84E-06	2.98E-03	5.67E-03	0.00E+00	-5.70E-04	8.15E-10	3.23E-08	2.77E-02	1.42E+00	5.91E-06	0.00E+00	3.78E+00	6.25E-03	6.15E+00	0.00E+00	5.03E-08	2.62E-08	1.65E-03	1.93E-07	6.60E-01	0.00E+00	6.15E+00	4.29E-07	6.15E+00	6.74E+00	6.60E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
Y1440	5.10E-03	6.37E-01	3.11E-02	6.08E-01	2.87E-12	0.00E+00	4.73E+00	8.86E-06	3.11E-03	5.71E-03	0.00E+00	-5.74E-04	8.38E-10	3.38E-08	2.77E-02	1.43E+00	5.91E-06	0.00E+00	3.81E+00	6.36E-03	6.16E+00	0.00E+00	5.04E-08	2.65E-08	1.66E-03	2.01E-07	6.62E-01	0.00E+00	6.16E+00	4.29E-07	6.16E+00	6.76E+00	6.62E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
Y1450	6.46E-03	8.14E-01	3.13E-02	7.84E-01	2.87E-12	0.00E+00	4.72E+00	8.95E-06	3.86E-03	7.40E-03	0.00E+00	-7.88E-04	8.56E-10	4.18E-08	2.80E-02	1.55E+00	5.91E-06	0.00E+00	4.05E+00	7.63E-03	6.47E+00	0.00E+00	5.24E-08	2.83E-08	2.10E-03	2.41E-07	7.08E-01	0.00E+00	6.47E+00	4.39E-07	6.47E+00	7.17E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
Y1463	6.45E-03	8.08E-01	3.11E-02	7.78E-01	2.87E-12	0.00E+00	4.72E+00	8.89E-06	3.85E-03	7.27E-03	0.00E+00	-7.82E-04	8.49E-10	4.16E-08	2.77E-02	1.50E+00	5.91E-06	0.00E+00	3.89E+00	7.30E-03	6.27E+00	0.00E+00	5.05E-08	2.76E-08	2.09E-03	2.42E-07	6.76E-01	0.00E+00	6.27E+00	4.40E-07	6.27E+00	6.93E+00	6.76E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
Y7106	9.71E-04	1.58E-01	5.03E-03	1.54E-01	2.87E-12	0.00E+00	8.83E-01	1.64E-06	4.51E-04	1.40E-03	0.00E+00	-8.55E-05	1.60E-10	5.71E-09	5.72E-03	2.45E-01	0.00E+00	0.00E+00	6.90E-01	1.55E-03	1.25E+00	0.00E+00	1.01E-08	5.21E-09	3.70E-04	5.06E-08	1.24E-01	0.00E+00	1.25E+00	2.38E-07	1.25E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
Y7110	7.77E-04	1.54E-01	4.78E-03	1.50E-01	2.87E-12	0.00E+00	8.52E-01	1.60E-06	3.45E-04	1.35E-03	0.00E+00	-8.08E-05	1.55E-10	4.34E-09	5.43E-03	2.22E-01	0.00E+00	0.00E+00	6.63E-01	1.49E-03	1.19E+00	0.00E+00	9.51E-09	4.76E-09	3.56E-04	5.00E-08	1.17E-01	0.00E+00	1.19E+00	2.38E-07	1.19E+00	1.31E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
Y7116	8.40E-04	1.57E-01	4.98E-03	1.53E-01	2.87E-12	0.00E+00	8.62E-01	1.63E-06	3.90E-04	1.40E-03	0.00E+00	-8.10E-05	1.61E-10	4.78E-09	5.52E-03	2.39E-01	0.00E+00	0.00E+00	6.84E-01	1.48E-03	1.22E+00	0.00E+00	9.77E-09	5.06E-09	3.72E-04	4.99E-08	1.21E-01	0.00E+00	1.22E+00	2.39E-07	1.22E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
Y7120	9.76E-04	1.58E-01	5.06E-03	1.54E-01	2.87E-12	0.00E+00	8.94E-01	1.67E-06	4.64E-04	1.41E-03	0.00E+00	-8.12E-05	1.66E-10	5.78E-09	5.74E-03	2.50E-01	0.00E+00	0.00E+00	7.14E-01	1.45E-03	1.26E+00	0.00E+00	1.02E-08	5.27E-09	3.76E-04	4.99E-08	1.26E-01	0.00E+00	1.26E+00	2.38E-07	1.26E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
Y7125	1.08E-03	1.64E-01	5.71E-03	1.58E-01	2.87E-12	0.00E+00	9.98E-01	1.84E-06	5.06E-04	1.50E-03	0.00E+00	-8.63E-05	1.84E-10	6.66E-09	6.19E-03	2.81E-01	0.00E+00	0.00E+00	7.95E-01	1.56E-03	1.37E+00	0.00E+00	1.09E-08	5.66E-09	4.04E-04	5.12E-08	1.43E-01	0.00E+00	1.37E+00	2.50E-07	1.37E+00	1.49E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
Y7132	1.41E-03	1.72E-01	5.98E-03	1.68E-01	2.87E-12	0.00E+00	1.03E+00	1.88E-06	8.50E-04	1.57E-03	0.00E+00	-9.19E-05	1.90E-10	9.45E-09	6.36E-03	3.39E-01	0.00E+00	0.00E+00	9.09E-01	1.57E-03	1.42E+00	0.00E+00	1.14E-08	6.37E-09	4.50E-04	5.13E-08	1.64E-01	0.00E+00	1.42E+00	2.56E-07	1.42E+00	1.56E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
Y7140	1.45E-03	1.71E-01	6.06E-03	1.67E-01	2.87E-12	0.00E+00	1.07E+00	1.89E-06	8.80E-04	1.57E-03	0.00E+00	-9.39E-05	1.91E-10	9.56E-09	6.38E-03	3.46E-01	0.00E+00	0.00E+00	9.38E-01	1.73E-03	1.43E+00	0.00E+00	1.15E-08	6.47E-09	4.53E-04	5.13E-08	1.68E-01	0.00E+00	1.43E+00	2.50E-07	1.43E+00	1.57E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
Y7150	1.51E-03	1.72E-01	6.35E-03	1.68E-01	2.87E-12	0.00E+00	1.13E+00	1.92E-06	8.80E-04	1.57E-03	0.00E+00	-1.44E-04	1.92E-10	1.01E-08	6.41E-03	3.62E-01	0.00E+00	0.00E+00	9.43E-01	1.89E-03	1.44E+00	0.00E+00	1.16E-08	6.48E-09	4.55E-04	5.50E-08	1.71E-01	0.00E+00	1.44E+00	2.50E-07	1.44E+00	1.57E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
Y7163	1.66E-03	1.72E-01	6.51E-03	1.67E-01	2.87E-12	0.00E+00	1.13E+00	1.92E-06	1.08E-03	1.57E-03	0.00E+00	-1.56E-04	1.92E-10	1.15E-08	6.41E-03	3.64E-01	0.00E+00	0.00E+00	9.47E-01	2.10E-03	1.44E+00	0.00E+00	1.16E-08	6.48E-09	4.55E-04	5.80E-08	1.72E-01	0.00E+00	1.44E+00	2.55E-07	1.44E+00	1.58E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
Y7206	1.27E-03	3.06E-01	9.14E-03	2.90E-01	2.87E-12	0.00E+00	1.74E+00	3.33E-06	5.08E-04	2.81E-03	0.00E+00	-2.13E-04	3.13E-10	7.01E-09	1.11E-02	5.44E-01	5.91E-06	0.00E+00	1.35E+00	3.30E-03	2.51E+00	0.00E+00	2.02E-08	9.87E-09	7.54E-04	8.08E-08	2.39E-01	0.00E+00	2.51E+00	4.18E-07	2.51E+00	2.79E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.84E+01
Y7210	1.62E-03	2.93E-01	8.27E-03	2.79E-01	2.87E-12	0.00E+00	1.71E+00	3.29E-06	7.76E-04	2.62E-03	0.00E+00	-2.19E-04	3.02E-10	9.30E-09	1.11E-02	4.91E-01	5.91E-06	0.00E+00	1.38E+00	3.48E-03	2.46E+00	0.00E+00	1.96E-08	9.92E-09	6.88E-04	7.87E-08	2.41E-01	0.00E+00	2.46E+00	4.28E-07	2.46E+00	2.74E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.01E+01
Y7216	1.67E-03	3.00E-01	8.52E-03	2.87E-01	2.87E-12	0.00E+00	1.76E+00	3.42E-06	8.07E-04	2.79E-03	0.00E+00	-2.20E-04	3.12E-10	9.59E-09	1.14E-02	5.41E-01	5.91E-06	0.00E+00	1.39E+00	3.52E-03	2.53E+00	0.00E+00	2.03E-08	1.01E-08	7.57E-04	7.86E-08	2.43E-01	0.00E+00	2.53E+00	4.28E-07	2.53E+00	2.81E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
Y7220	1.70E-03	3.03E-01	9.11E-03	2.89E-01	2.87E-12	0.00E+00	1.77E+00	3.44E-06	8.28E-04	2.81E-03	0.00E+00	-2.26E-04	3.18E-10	9.86E-09	1.14E-02	5.54E-01	5.91E-06	0.00E+00	1.43E+00	3.51E-03	2.55E+00	0.00E+00	2.03E-08	1.01E-08	7.59E-04	8.04E-08	2.45E-01	0.00E+00	2.55E+00	4.32E-07	2.55E+00	2.83E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
Y7225	1.98E-03	2.99E-01	1.10E-02	2.79E-01	2.87E-12	0.00E+00	2.09E+00	3.86E-06	1.10E-03	2.82E-03	0.00E+00	-2.37E-04	3.47E-10	1.21E-08	1.23E-02	6.24E-01	5.91E-06	0.00E+00	1.53E+00	3.88E-03	2.80E+00	0.00E+00	2.24E-08	1.09E-08	8.21E-04	1.07E-07	2.65E-01	0.00E+00	2.80E+00	4.32E-07	2.80E+00	3.04E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.51E+01
Y7232	2.94E-03	2.94E-01	1.15E-02	2.77E-01	2.87E-12	0.00E+00	2.23E+00	4.30E-06	1.48E-03	2.88E-03	0.00E+00	-2.65E-04	3.61E-10	1.66E-08	1.41E-02	7.16E-01	5.91E-06	0.00E+00	1.80E+00	3.83E-03	3.33E+00	0.00E+00	2.67E-08	1.30E-08	9.10E-04	1.09E-07	3.18E-01	0.00E+00	3.33E+00	4.71E-07	3.33E+00	3.56E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	6.59E+01
Y7240	3.24E-03	2.93E-01	1.19E-02	2.77E-01	2.87E-12	0.00E+00	2.21E+00	4.22E-06	1.83E-03	2.88E-03	0.00E+00	-2.87E-04	3.63E-10	2.06E-08	1.41E-02	7.33E-01	5.91E-06	0.00E+00	1.80E+00	4.12E-03	3.24E+00	0.00E+00	2.60E-08	1.31E-08	9.29E-04	1.24E-07	3.20E-01	0.00E+00	3.24E+00	4.64E-07	3.24E+00	3.52E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
Y7250	3.14E-03	3.00E-01	1.23E-02	2.84E-01	2.87E-12	0.00E+00	2.28E+00	4.27E-06	1.61E-03	2.87E-03	0.00E+00	-3.28E-04	3.66E-10	1.88E-08	1.41E-02	7.64E-01	5.91E-06	0.00E+00	1.83E+00	4.29E-03	3.25E+00	0.00E+00	2.61E-08	1.30E-08	9.26E-04	1.43E-07	3.25E-01	0.00E+00	3.25E+00	4.70E-07	3.25E+00	3.54E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
Y7263	4.21E-03	2.99E-01	1.28E-02	2.82E-01	2.87E-12	0.00E+00	2.29E+00	4.30E-06	2.43E-03	2.87E-03	0.00E+00	-3.85E-04	3.68E-10	2.74E-08	1.42E-02	7.80E-01	5.91E-06	0.00E+00	1.84E+00	5.40E-03	3.26E+00	0.00E+00	2.62E-08	1.31E-08	9.30E-04	1.85E-07	3.27E-01	0.00E+00	3.26E+00	4.70E-07	3.26E+00	3.55E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
Y7306	2.27E-03	4.34E-01	2.53E-02	4.28E-01	2.87E-12	0.00E+00	2.72E+00	4.98E-06	9.31E-04	4.15E-03	0.00E+00	-3.75E-04	4.62E-10	1.17E-08	1.79E-02	6.73E-01	5.91E-06	0.00E+00	1.76E+00	4.34E-03	3.65E+00	0.00E+00	2.88E-08	1.24E-08	9.64E-04	1.35E-07	3.12E-01	0.00E+00	3.65E+00	3.35E-07	3.65E+00	3.90E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
Y7310	2.32E-03	4.34E-01	2.53E-02	4.29E-01	2.87E-12	0.00E+00	2.79E+00	4.98E-06	1.12E-03	4.20E-03	0.00E+00	-3.68E-04	4.77E-10	1.25E-08	1.80E-02	6.73E-01	5.91E-06	0.00E+00	1.78E+00	4.38E-03	3.66E+00	0.00E+00	2.98E-08	1.24E-08	9.88E-04	1.32E-07	3.14E-01	0.00E+00	3.66E+00	3.42E-07	3.66E+00	3.96E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
Y7316	2.65E-03	4.23E-01	2.59E-02	4.24E-01	2.87E-12	0.00E+00	2.80E+00	5.03E-06	1.20E-03	4.20E-03	0.00E+00	-3.63E-04	4.84E-10	1.46E-08	1.84E-02	7.17E-01	5.91E-06	0.00E+00	1.87E+00	4.47E-03	3.69E+00	0.00E+00	2.99E-08	1.27E-08	9.91E-04	1.33E-07	3.29E-01	0.00E+00	3.69E+00	3.42E-07	3.69E+00	4.00E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
Y7320	2.84E-03	4.20E-01	2.63E-02	4.22E-01	2.87E-12	0.00E+00	2.84E+00	5.08E-06	1.34E-03	4.25E-03	0.00E+00	-3.63E-04	4.92E-10	1.61E-08	1.87E-02	7.43E-01	5.91E-06	0.00E+00	1.91E+00	4.57E-03	3.71E+00	0.00E+00	3.07E-08	1.29E-08	1.02E-03	1.33E-07	3.34E-01	0.00E+00	3.71E+00	3.47E-07	3.71E+00	4.03E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
Y7325	3.13E-03	4.30E-01	2.76E-02	4.41E-01	2.87E-12	0.00E+00	3.42E+00	5.86E-06	1.63E-03	4.34E-03	0.00E+00	-3.77E-04	5.55E-10	1.87E-08	2.09E-02	9.28E-01	5.91E-06	0.00E+00	2.54E+00	5.28E-03	4.43E+00	0.00E+00	3.50E-08	1.83E-08	1.22E-03	1.63E-07	4.47E-01	0.00E+00	4.43E+00	3.95E-07	4.43E+00	4.66E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	9.37E+01
Y7332	4.56E-03	4.90E-01	2.90E-02	4.96E-01	2.87E-12	0.00E+00	3.23E+00	5.84E-06	2.64E-03	4.37E-03	0.00E+00	-4.18E-04	5.76E-10	2.86E-08	2.05E-02	1.08E+00	5.91E-06	0.00E+00	2.65E+00	5.77E-03	4.30E+00	0.00E+00	3.46E-08	1.99E-08	1.30E-03	1.75E-07	4.76E-01	0.00E+00	4.30E+00	4.20E-07	4.30E+00	4.71E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.97E+01
Y7340	4.63E-03	4.90E-01	3.02E-02	4.98E-01	2.87E-12	0.00E+00	3.25E+00	5.82E-06	2.72E-03	4.38E-03	0.00E+00	-4.78E-04	5.78E-10	2.90E-08	2.05E-02	1.10E+00	5.91E-06	0.00E+00	2.70E+00	6.93E-03	4.31E+00	0.00E+00	3.48E-08	2.04E-08	1.30E-03	2.08E-07	4.85E-01	0.00E+00	4.31E+00	4.13E-07	4.31E+00	4.73E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
Y7350	4.95E-03	5.05E-01	3.19E-02	5.07E-01	2.87E-12	0.00E+00	3.28E+00	5.72E-06	2.83E-03	4.38E-03	0.00E+00	-6.97E-04	5.81E-10	3.14E-08	2.00E-02	1.21E+00	5.91E-06	0.00E+00	3.04E+00	7.37E-03	4.26E+00	0.00E+00	3.44E-08	2.10E-08	1.31E-03	2.49E-07	5.41E-01	0.00E+00	4.26E+00	3.93E-07	4.26E+00	4.73E+00	5.41E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
Y7363	4.95E-03	5.03E-01	3.19E-02	5.05E-01	2.87E-12	0.00E+00	3.29E+00	5.74E-06	2.81E-03	4.38E-03	0.00E+00	-6.98E-04	5.81E-10	3.15E-08	2.01E-02	1.21E+00	5.91E-06	0.00E+00	3.05E+00	7.91E-03	4.26E+00	0.00E+00	3.44E-08	2.12E-08	1.30E-03	2.53E-07	5.43E-01	0.00E+00	4.26E+00	4.26E-07	4.26E+00	4.74E+00	5.43E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
Y7406	3.39E-03	5.76E-01	2.77E-02	5.63E-01	2.87E-12	0.00E+00	3.53E+00	6.07E-06	1.10E-03	5.23E-03	0.00E+00	-4.20E-04	5.79E-10	1.48E-08	2.16E-02	8.99E-01	5.91E-06	0.00E+00	2.61E+00	5.53E-03	4.67E+00	0.00E+00	3.73E-08	1.76E-08	1.32E-03	1.73E-07	4.52E-01	0.00E+00	4.67E+00	3.69E-07	4.67E+00	5.03E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.12E+01
Y7410	3.00E-03	5.60E-01	2.74E-02	5.43E-01	2.87E-12	0.00E+00	3.60E+00	6.03E-06	1.35E-03	4.81E-03	0.00E+00	-4.14E-04	5.75E-10	1.64E-08	2.15E-02	8.58E-01	5.91E-06	0.00E+00	2.60E+00	5.50E-03	4.66E+00	0.00E+00	3.73E-08	1.77E-08	1.29E-03	1.71E-07	4.49E-01	0.00E+00	4.66E+00	3.73E-07	4.66E+00	5.03E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	9.10E+01
Y7416	3.40E-03	5.72E-01	2.86E-02	5.54E-01	2.87E-12	0.00E+00	3.69E+00	6.14E-06	1.76E-03	4.91E-03	0.00E+00	-4.16E-04	6.04E-10	2.01E-08	2.16E-02	9.76E-01	5.91E-06	0.00E+00	2.74E+00	5.55E-03	4.83E+00	0.00E+00	3.89E-08	1.93E-08	1.42E-03	1.72E-07	4.77E-01	0.00E+00	4.83E+00	3.74E-07	4.83E+00	5.24E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	9.88E+01
Y7420	3.85E-03	5.85E-01	2.90E-02	5.65E-01	2.87E-12	0.00E+00	3.72E+00	6.13E-06	1.90E-03	4.95E-03	0.00E+00	-4.21E-04	6.08E-10	2.18E-08	2.18E-02	1.02E+00	5.91E-06	0.00E+00	2.76E+00	5.57E-03	4.96E+00	0.00E+00	4.00E-08	2.03E-08	1.47E-03	1.76E-07	4.88E-01	0.00E+00	4.96E+00	3.75E-07	4.96E+00	5.28E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
Y7425	4.85E-03	6.34E-01	3.08E-02	6.09E-01	2.87E-12	0.00E+00	4.83E+00	8.74E-06	2.78E-03	5.46E-03	0.00E+00	-4.49E-04	8.02E-10	3.13E-08	2.76E-02	1.42E+00	5.91E-06	0.00E+00	3.71E+00	5.72E-03	6.18E+00	0.00E+00	4.97E-08	2.55E-08	1.63E-03	1.84E-07	6.50E-01	0.00E+00	6.18E+00	4.03E-07	6.18E+00	6.68E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
Y7432	4.96E-03	6.38E-01	3.09E-02	6.08E-01	2.87E-12	0.00E+00	4.72E+00	8.86E-06	2.99E-03	5.67E-03	0.00E+00	-5.71E-04	8.16E-10	3.23E-08	2.76E-02	1.42E+00	5.91E-06	0.00E+00	3.78E+00	6.17E-03	6.16E+00	0.00E+00	5.03E-08	2.62E-08	1.65E-03	1.89E-07	6.61E-01	0.00E+00	6.16E+00	4.28E-07	6.16E+00	6.75E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
Y7440	5.09E-03	6.39E-01	3.11E-02	6.09E-01	2.87E-12	0.00E+00	4.71E+00	8.83E-06	3.10E-03	5.74E-03	0.00E+00	-6.18E-04	8.36E-10	3.34E-08	2.76E-02	1.42E+00	5.91E-06	0.00E+00	3.74E+00	7.42E-03	6.12E+00	0.00E+00	5.03E-08	2.64E-08	1.67E-03	2.24E-07	6.55E-01	0.00E+00	6.12E+00	4.21E-07	6.12E+00	6.70E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
Y7450	5.28E-03	6.31E-01	3.10E-02	6.04E-01	2.87E-12	0.00E+00	4.70E+00	8.85E-06	3.15E-03	5.71E-03	0.00E+00	-8.00E-04	8.41E-10	3.44E-08	2.75E-02	1.44E+00	5.91E-06	0.00E+00	3.82E+00	7.81E-03	6.14E+00	0.00E+00	4.99E-08	2.65E-08	1.67E-03	2.61E-07	6.65E-01	0.00E+00	6.14E+00	3.97E-07	6.14E+00	6.76E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
Y7463	5.28E-03	6.19E-01	3.10E-02	6.01E-01	2.87E-12	0.00E+00	4.71E+00	8.87E-06	3.16E-03	5.71E-03	0.00E+00	-8.07E-04	8.41E-10	3.45E-08	2.75E-02	1.45E+00	5.91E-06	0.00E+00	3.81E+00	8.22E-03	6.14E+00	0.00E+00	4.99E-08	2.65E-08	1.67E-03	2.63E-07	6.66E-01	0.00E+00	6.14E+00	4.33E-07	6.14E+00	6.76E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
YZB110	5.82E-04	1.39E-01	3.49E-03	1.36E-01	0.00E+00	0.00E+00	7.46E-01	1.42E-06	2.37E-04	1.21E-03	0.00E+00	-4.21E-05	1.32E-10	2.98E-09	4.67E-03	1.86E-01	0.00E+00	0.00E+00	5.68E-01	5.70E-04	1.03E+00	0.00E+00	8.37E-09	4.07E-09	3.11E-04	2.43E-08	1.00E-01	0.00E+00	1.03E+00	2.17E-07	1.03E+00	1.13E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
YZB116	6.34E-04	1.39E-01	3.59E-03	1.35E-01	0.00E+00	0.00E+00	7.63E-01	1.44E-06	2.77E-04	1.21E-03	0.00E+00	-4.21E-05	1.33E-10	3.40E-09	4.73E-03	1.94E-01	0.00E+00	0.00E+00	5.80E-01	5.70E-04	1.05E+00	0.00E+00	8.48E-09	4.14E-09	3.14E-04	2.44E-08	1.03E-01	0.00E+00	1.05E+00	2.14E-07	1.05E+00	1.15E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01

Module D	YZB120	6.41E-04	1.42E-01	4.06E-03	1.38E-01	2.87E-12	0.00E+00	7.78E-01	1.49E-06	2.68E-04	1.23E-03	0.00E+00	-5.31E-05	1.44E-10	3.36E-09	5.18E-03	2.14E-01	0.00E+00	0.00E+00	6.03E-01	7.01E-04	1.13E+00	0.00E+00	9.09E-09	4.47E-09	3.20E-04	3.66E-08	1.07E-01	0.00E+00	1.13E+00	2.14E-07	1.13E+00	1.24E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
	YZB125	9.44E-04	1.68E-01	5.14E-03	1.61E-01	2.87E-12	0.00E+00	9.33E-01	1.77E-06	4.63E-04	1.46E-03	0.00E+00	-8.71E-05	1.77E-10	5.76E-09	5.99E-03	2.57E-01	0.00E+00	0.00E+00	7.34E-01	1.15E-03	1.29E+00	0.00E+00	1.05E-08	5.16E-09	4.03E-04	4.76E-08	1.30E-01	0.00E+00	1.29E+00	2.35E-07	1.29E+00	1.43E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
	YZB316	1.87E-03	4.13E-01	1.04E-02	4.02E-01	0.00E+00	0.00E+00	2.20E+00	4.08E-06	8.27E-04	3.60E-03	0.00E+00	-1.26E-04	3.57E-10	9.97E-09	1.43E-02	5.75E-01	0.00E+00	0.00E+00	1.62E+00	1.71E-03	3.08E+00	0.00E+00	2.50E-08	1.21E-08	9.33E-04	7.28E-08	2.93E-01	0.00E+00	3.08E+00	6.05E-07	3.08E+00	3.37E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
	YZB320	2.67E-03	4.93E-01	1.51E-02	4.76E-01	2.87E-12	0.00E+00	2.75E+00	5.10E-06	1.17E-03	4.33E-03	0.00E+00	-2.38E-04	4.98E-10	1.53E-08	1.79E-02	7.52E-01	1.83E-06	2.49E-05	2.14E+00	3.01E-03	3.76E+00	0.00E+00	3.03E-08	1.52E-08	1.13E-03	2.25E-07	3.81E-01	0.00E+00	3.76E+00	7.22E-07	3.76E+00	4.14E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
	YZB325	2.95E-03	5.02E-01	2.65E-02	4.87E-01	2.87E-12	0.00E+00	2.91E+00	5.53E-06	1.53E-03	4.38E-03	0.00E+00	-2.28E-04	5.35E-10	1.76E-08	1.86E-02	8.12E-01	1.83E-06	2.49E-05	2.34E+00	2.97E-03	4.00E+00	0.00E+00	3.24E-08	1.63E-08	1.19E-03	2.20E-07	4.11E-01	0.00E+00	4.00E+00	3.46E-07	4.00E+00	4.46E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.43E+01
	YZC110	6.24E-04	1.42E-01	4.66E-03	1.38E-01	2.87E-12	0.00E+00	7.65E-01	1.43E-06	2.66E-04	1.25E-03	0.00E+00	-5.48E-05	1.68E-10	3.26E-09	4.97E-03	1.92E-01	0.00E+00	0.00E+00	5.85E-01	7.22E-04	1.08E+00	0.00E+00	8.73E-09	4.19E-09	3.14E-04	3.23E-08	1.03E-01	0.00E+00	1.08E+00	6.66E-07	1.08E+00	1.18E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
	YZC116	6.25E-04	1.36E-01	3.78E-03	1.33E-01	2.87E-12	0.00E+00	7.78E-01	1.51E-06	2.67E-04	1.21E-03	0.00E+00	-5.31E-05	1.46E-10	3.27E-09	5.18E-03	2.15E-01	0.00E+00	0.00E+00	6.05E-01	6.91E-04	1.14E+00	0.00E+00	9.10E-09	4.47E-09	3.15E-04	3.38E-08	1.08E-01	0.00E+00	1.14E+00	2.14E-07	1.14E+00	1.25E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
	YZC120	6.84E-04	1.38E-01	4.13E-03	1.35E-01	2.87E-12	0.00E+00	7.75E-01	1.53E-06	3.07E-04	1.20E-03	0.00E+00	-1.06E-04	1.47E-10	3.62E-09	5.29E-03	2.14E-01	0.00E+00	0.00E+00	6.12E-01	1.36E-03	1.14E+00	0.00E+00	9.20E-09	4.52E-09	3.18E-04	4.77E-08	1.09E-01	0.00E+00	1.14E+00	2.15E-07	1.14E+00	1.25E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
	YZC125	9.72E-04	1.68E-01	5.18E-03	1.61E-01	2.87E-12	0.00E+00	9.64E-01	1.80E-06	4.66E-04	1.46E-03	0.00E+00	-8.34E-05	1.92E-10	5.88E-09	6.04E-03	2.76E-01	0.00E+00	0.00E+00	7.79E-01	1.16E-03	1.33E+00	0.00E+00	1.08E-08	5.52E-09	4.06E-04	4.81E-08	1.39E-01	0.00E+00	1.33E+00	2.35E-07	1.33E+00	1.46E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
	YZC316	1.90E-03	4.08E-01	1.73E-02	3.95E-01	2.87E-12	0.00E+00	2.15E+00	3.91E-06	8.61E-04	3.47E-03	0.00E+00	-1.48E-04	3.56E-10	1.02E-08	1.41E-02	5.65E-01	1.83E-06	2.49E-05	1.59E+00	1.84E-03	3.02E+00	0.00E+00	2.43E-08	1.19E-08	9.45E-04	1.91E-07	2.83E-01	0.00E+00	3.02E+00	2.95E-07	3.02E+00	3.31E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	5.63E+01
	YZC320	2.51E-03	4.98E-01	1.40E-02	4.84E-01	0.00E+00	0.00E+00	2.81E+00	5.25E-06	1.18E-03	4.34E-03	0.00E+00	-2.22E-04	5.11E-10	1.42E-08	1.81E-02	7.50E-01	0.00E+00	0.00E+00	2.16E+00	2.98E-03	3.80E+00	0.00E+00	3.05E-08	1.51E-08	1.14E-03	1.10E-07	3.81E-01	0.00E+00	3.80E+00	7.15E-07	3.80E+00	4.18E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
	YZC325	2.93E-03	5.08E-01	1.49E-02	4.93E-01	0.00E+00	0.00E+00	2.97E+00	5.54E-06	1.48E-03	4.45E-03	0.00E+00	-2.22E-04	5.44E-10	1.74E-08	1.89E-02	8.19E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.98E+00	0.00E+00	3.19E-08	1.61E-08	1.19E-03	1.11E-07	4.09E-01	0.00E+00	3.98E+00	7.30E-07	3.98E+00	4.39E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E+01
	MBN116	-2.86E-03	5.22E-03	-4.04E-04	5.63E-03	0.00E+00	0.00E+00	-7.04E-01	-2.91E-04	-1.12E-04	-1.44E-03	0.00E+00	0.00E+00	-9.15E-10	-3.33E-08	9.55E-05	-5.39E-01	0.00E+00	0.00E+00	-8.46E-01	0.00E+00	-5.05E-01	0.00E+00	-5.30E-10	-8.86E-09	-5.73E-04	0.00E+00	-1.14E-01	0.00E+00	-5.05E-01	-8.92E-06	-5.05E-01	-6.19E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
	B02813	-2.90E-03	-2.10E-01	-1.62E-03	-1.08E-01	0.00E+00	0.00E+00	-1.00E+00	-2.68E-04	1.05E-04	-1.94E-03	0.00E+00	0.00E+00	-7.58E-10	-2.67E-08	-2.93E-03	-7.57E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.29E+00	0.00E+00	-2.16E-09	-8.09E-09	-5.97E-04	0.00E+00	-1.23E-01	0.00E+00	-1.29E+00	-5.73E-06	-1.29E+00	-1.95E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
	B02823	-2.90E-03	-2.10E-01	-1.62E-03	-1.08E-01	0.00E+00	0.00E+00	-9.90E-01	-2.67E-04	1.05E-04	-1.92E-03	0.00E+00	0.00E+00	-7.41E-10	-2.30E-08	-2.90E-03	-7.55E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-1.29E+00	0.00E+00	-2.16E-09	-8.02E-09	-5.89E-04	0.00E+00	-1.19E-01	0.00E+00	-1.29E+00	-5.68E-06	-1.29E+00	-1.95E+00	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+01
	B02861	-2.90E-03	-2.10E-01	-1.62E-03	-1.08E-01	0.00E+00	0.00E+00	-1.00E+00	-2.68E-04	1.05E-04	-1.94E-03	0.00E+00	0.00E+00	-7.58E-10	-2.67E-08	-2.93E-03	-7.57E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.29E+00	0.00E+00	-2.16E-09	-8.09E-09	-5.97E-04	0.00E+00	-1.23E-01	0.00E+00	-1.29E+00	-5.73E-06	-1.29E+00	-1.95E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
	B02870	-2.90E-03	-2.10E-01	-1.62E-03	-1.08E-01	0.00E+00	0.00E+00	-9.90E-01	-2.67E-04	1.05E-04	-1.92E-03	0.00E+00	0.00E+00	-7.41E-10	-2.30E-08	-2.90E-03	-7.55E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-1.29E+00	0.00E+00	-2.16E-09	-8.02E-09	-5.89E-04	0.00E+00	-1.19E-01	0.00E+00	-1.29E+00	-5.68E-06	-1.29E+00	-1.95E+00	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+01
	HLE180S	-8.61E-03	-1.09E-01	-7.51E-05	-1.13E-01	0.00E+00	0.00E+00	-1.32E+00	-6.70E-04	1.55E-04	-4.06E-03	0.00E+00	0.00E+00	-1.58E-09	-6.51E-08	-1.99E-03	-9.81E-01	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	3.46E-01	0.00E+00	2.03E-09	-1.48E-08	-1.09E-03	0.00E+00	-1.72E-01	0.00E+00	3.46E-01	-2.32E-05	3.46E-01	-1.26E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
	HLE280S	-1.43E-02	-7.88E-02	1.06E-03	-2.88E-02	0.00E+00	0.00E+00	-1.93E+00	-1.21E-03	4.58E-04	-8.26E-03	0.00E+00	0.00E+00	-2.97E-09	-1.08E-07	-7.08E-03	-1.77E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-2.11E-01	0.00E+00	9.31E-09	-2.90E-08	-2.98E-03	0.00E+00	-4.04E-01	0.00E+00	-2.11E-01	-3.96E-05	-2.11E-01	-6.43E-01	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
	HLE290S	-2.17E-02	-8.96E-02	4.93E-04	-1.60E-02	0.00E+00	0.00E+00	-6.23E+00	-2.98E-03	-5.57E-05	-1.20E-02	0.00E+00	0.00E+00	-3.43E-09	-2.61E-07	-8.93E-03	-2.04E+00	0.00E+00	0.00E+00	-5.78E+00	0.00E+00	-1.39E+00	0.00E+00	9.74E-09	-4.51E-08	-3.84E-03	0.00E+00	-6.52E-01	0.00E+00	-1.39E+00	-7.50E-05	-1.39E+00	-1.74E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+02
	HLE380S	-4.70E-02	-3.81E-02	1.79E-03	9.31E-03	0.00E+00	0.00E+00	-9.76E+00	-4.58E-03	-2.37E-03	-2.53E-02	0.00E+00	0.00E+00	-7.15E-09	-5.09E-07	-2.20E-02	-3.66E+00	0.00E+00	0.00E+00	-9.89E+00	0.00E+00	-3.30E+00	0.00E+00	1.31E-08	-9.27E-08	-8.58E-03	0.00E+00	-1.15E+00	0.00E+00	-3.30E+00	-1.50E-04	-3.30E+00	-3.74E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E+02
	HLE390S	-4.84E-02	2.06E-02	1.43E-03	3.73E-02	0.00E+00	0.00E+00	-1.04E+01	-4.88E-03	-2.36E-03	-2.53E-02	0.00E+00	0.00E+00	-7.26E-09	-5.97E-07	-1.82E-02	-2.95E+00	0.00E+00	0.00E+00	-1.06E+01	0.00E+00	-1.58E+00	0.00E+00	1.27E-08	-9.98E-08	-8.37E-03	0.00E+00	-1.09E+00	0.00E+00	-1.58E+00	-1.50E-04	-1.58E+00	-2.58E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-4.37E+02
	HLF180S	-9.78E-03	-9.02E-02	-6.43E-05	-1.14E-01	0.00E+00	0.00E+00	-1.33E+00	-7.99E-04	9.64E-05	-4.54E-03	0.00E+00	0.00E+00	-1.60E-09	-8.85E-08	-1.92E-03	-1.03E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	1.35E-01	0.00E+00	2.03E-09	-1.68E-08	-1.28E-03	0.00E+00	-2.02E-01	0.00E+00	1.35E-01	-2.77E-05	1.35E-01	-4.48E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-6.69E+01
	HLF190S	-7.97E-03	-1.10E-01	1.78E-04	-1.15E-01	0.00E+00	0.00E+00	-1.29E+00	-5.63E-04	3.62E-04	-3.80E-03	0.00E+00	0.00E+00	-1.51E-09	-5.60E-08	-1.98E-03	-9.12E-01	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	1.22E-01	0.00E+00	2.03E-09	-1.47E-08	-1.07E-03	0.00E+00	-1.42E-01	0.00E+00	1.22E-01	-2.02E-05	1.22E-01	-2.11E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
	HLF199S	-1.18E-02	-4.10E-02	4.83E-04	-6.55E-02	0.00E+00	0.00E+00	-1.14E+00	-8.38E-04	1.47E-03	-6.44E-03	0.00E+00	0.00E+00	-1.66E-09	-1.46E-07	-2.60E-03	-9.77E-01	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	1.22E+00	0.00E+00	1.77E-09	-2.46E-08	-1.64E-03	0.00E+00	-1.47E-01	0.00E+00	1.22E+00	-3.45E-05	1.22E+00	1.19E+00	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.46E+01
	HLF280S	-1.47E-02	-5.08E-02	5.85E-04	-3.76E-02	0.00E+00	0.00E+00	-2.21E+00	-1.19E-03	4.75E-04	-8.46E-03	0.00E+00	0.00E+00	-3.13E-09	-1.05E-07	-7.41E-03	-1.88E+00	0.00E+00	0.00E+00	-2.96E+00	0.00E+00	-1.44E+00	0.00E+00	9.33E-09	-2.97E-08	-2.95E-03	0.00E+00	-4.70E-01	0.00E+00	-1.44E+00	-3.92E-05	-1.44E+00	-1.70E+00	-4.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
	HLF290S	-2.05E-02	-6.35E-02	1.03E-03	-3.73E-02	0.00E+00	0.00E+00	-5.83E+00	-2.94E-03	-4.31E-05	-1.17E-02	0.00E+00	0.00E+00	-3.39E-09	-2.58E-07	-8.92E-03	-1.93E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-1.67E+00	0.00E+00	9.37E-09	-4.49E-08	-3.59E-03	0.00E+00	-6.29E-01	0.00E+00	-1.67E+00	-7.24E-05	-1.67E+00	-1.77E+00	-6.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
	HLF299S	-1.08E-02	-1.34E-02	2.21E-03	3.15E-02	0.00E+00	0.00E+00	1.12E+00	-1.80E-03	1.67E-03	-7.44E-03	0.00E+00	0.00E+00	-3.38E-09	-2.18E-07	-3.73E-03	-2.07E+00	0.00E+00	0.00E+00	-1.88E-01	0.00E+00	5.32E-01	0.00E+00	1.10E-08	-3.66E-08	-3.44E-03	0.00E+00	-4.50E-01	0.00E+00	5.32E-01	-5.27E-05	5.32E-01	7.03E-01	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
	HLF380S	-4.76E-02	2.68E-02	1.79E-03	2.98E-02	0.00E+00	0.00E+00	-5.50E+00	-4.99E-03	-2.33E-03	-2.61E-02	0.00E+00	0.00E+00	-7.16E-09	-5.46E-07	-1.86E-02	-3.64E+00	0.00E+00	0.00E+00	-5.69E+00	0.00E+00	-5.65E-01	0.00E+00	1.34E-08	-9.23E-08	-8.38E-03	0.00E+00	-1.15E+00	0.00E+00	-5.65E-01	-1.54E-04	-5.65E-01	-1.46E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
	HLF390S	-4.92E-02	-5.99E-02	2.08E-03	-3.91E-02	0.00E+00	0.00E+00	-1.01E+01	-5.03E-03	-2.30E-03	-2.66E-02	0.00E+00	0.00E+00	-7.26E-09	-6.12E-07	-2.31E-02	-3.15E+00	0.00E+00	0.00E+00	-9.56E+00	0.00E+00	-2.54E+00	0.00E+00	1.22E-08	-1.02E-07	-8.92E-03	0.00E+00	-1.18E+00	0.00E+00	-2.54E+00	-1.54E-04	-2.54E+00	-3.09E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
	HLF399S	-6.21E-03	2.05E-02	2.52E-03	1.58E-02	0.00E+00	0.00E+00	3.60E+00	-1.01E-03	2.90E-03	-3.79E-03	0.00E+00	0.00E+00	-5.96E-09	-1.04E-07	-2.41E-03	-2.37E+00	0.00E+00	0.00E+00	2.03E+00	0.00E+00	1.24E+00	0.00E+00	1.37E-08	-2.35E-08	-2.27E-03	0.00E+00	-2.03E-01	0.00E+00	1.24E+00	-3.12E-05	1.24E+00	1.80E+00	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
	HMB180	-9.50E-03	-1.15E-01	8.37E-04	-1.33E-01	0.00E+00	0.00E+00	-1.63E+00	-1.02E-03	-8.06E-05	-5.91E-03	0.00E+00	0.00E+00	-2.28E-09	-1.26E-07	1.16E-04	-1.42E+00	0.00E+00	0.00E+00	-1.46E+00	0.00E+00	3.82E-01	0.00E+00	3.66E-10	-2.58E-08	-1.81E-03	0.00E+00	-2.66E-01	0.00E+00	3.82E-01	-3.22E-05	3.82E-01	3.85E-02	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
	HMB190	-6.54E-03	-1.10E-01	9.36E-04	-1.38E-01	0.00E+00	0.00E+00	-1.68E+00	-6.92E-04	4.20E-04	-4.62E-03	0.00E+00	0.00E+00	-2.22E-09	-4.91E-08	-7.87E-04	-1.29E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	4.28E-01	0.00E+00	1.27E-10	-1.97E-08	-1.45E-03	0.00E+00	-2.11E-01	0.00E+00	4.28E-01	-1.97E-05	4.28E-01	-1.94E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
	HMB199	-8.61E-03	-2.45E-02	1.26E-03	-7.91E-02	0.00E+00	0.00E+00	-1.24E+00	-9.61E-04	1.63E-03	-7.11E-03	0.00E+00	0.00E+00	-2.47E-09	-1.22E-07	-1.86E-03	-1.45E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	1.60E+00	0.00E+00	3.31E-10	-2.65E-08	-1.78E-03	0.00E+00	-2.22E-01	0.00E+00	1.60E+00	-3.41E-05	1.60E+00	1.16E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
	HMB280	-5.34E-03	-2.02E-01	2.20E-03	-1.68E-01	0.00E+00	0.00E+00	-2.80E+00	-7.32E-04	1.13E-03	-6.58E-03	0.00E+00	0.00E+00	-3.38E-09	-7.67E-08	-9.35E-03	-2.04E+00	0.00E+00	0.00E+00	-2.60E+00	0.00E+00	-9.32E-01	0.00E+00	3.97E-09	-3.62E-08	-2.26E-03	0.00E+00	-4.95E-01	0.00E+00	-9.32E-01	-2.37E-05	-9.32E-01	-1.15E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
	HMB290	-1.66E-02	-8.14E-02	2.34E-03	-5.14E-02	0.00E+00	0.00E+00	-4.59E+00	-2.06E-03	1.12E-03	-1.17E-02	0.00E+00	0.00E+00	-3.54E-09	-2.00E-07	-1.02E-02	-1.68E+00	0.00E+00	0.00E+00	-4.28E+00	0.00E+00	-1.00E+00	0.00E+00	4.44E-09	-4.23E-08	-2.45E-03	0.00E+00	-6.67E-01	0.00E+00	-1.00E+00	-6.63E-05	-1.00E+00	-1.50E+00	-6.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
	HMB299	-5.37E-03	-1.32E-02	3.80E-03	3.85E-02	0.00E+00	0.00E+00	1.53E+00	-7.60E-04	2.41E-03	-7.60E-03	0.00E+00	0.00E+00	-3.50E-09	-1.66E-07	-4.48E-03	-1.79E+00	0.00E+00	0.00E+00	3.80E-01	0.00E+00	1.29E+00	0.00E+00	6.32E-09	-3.31E-08	-2.30E-03	0.00E+00	-4.07E-01	0.00E+00	1.29E+00	-4.24E-05	1.29E+00	6.90E-01	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
	HMB380	-6.55E-02	-1.23E+00	-2.08E-02	-1.21E+00	0.00E+00	0.00E+00	-1.72E+01	-6.36E-03	-3.35E-03	-4.22E-02	0.00E+00	0.00E+00	-1.38E-08	-7.40E-07	-6.56E-02	-8.69E+00	0.00E+00	0.00E+00	-1.68E+01	0.00E+00	-1.24E+01	0.00E+00	-5.61E-08	-1.76E-07	-1.34E-02	0.00E+00	-2.29E+00	0.00E+00	-1.24E+01	-1.89E-04	-1.24E+01	-1.47E+01	-2.29E+00	0.00E+00	0.00E+00	0.00E+00	-7.09E+02
	HMB480	1.04E-02	1.13E+00	4.22E-02	1.09E+00	0.00E+00	0.00E+00	9.68E+00	1.83E-05	6.11E-03	1.05E-02	0.00E+00	0.00E+00	1.54E-09	7.19E-08	4.98E-03	1.61E+00	0.00E+00	0.00E+00	6.64E+00	0.00E+00	1.13E+01	0.00E+00	9.44E-08	4.40E-08	3.07E-03	0.00E+00	8.52E-01	0.00E+00	1.13E+01	2.19E-06	1.13E+01	1.21E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+02
	HMB490	-8.46E-02	-1.18E+00	-1.74E-02	-1.16E+00	0.00E+00	0.00E+00	-1.99E+01	-8.34E-03	-4.06E-03	-5.15E-02	0.00E+00	0.00E+00	-1.56E-08	-9.67E-07	-6.37E-02	-1.09E+01	0.00E+00	0.00E+00	-1.90E+01	0.00E+00	-1.12E+01	0.00E+00	-4.46E-08	-2.01E-07	-1.59E-02	0.00E+00	-2.58E+00	0.00E+00	-1.12E+01	-2.45E-04	-1.12E+01	-1.38E+01	-2.58E+00	0.00E+00	0.00E+00	0.00E+00	-8.13E+02
	HMB499	9.16E-03	5.62E-01	3.81E-02	5.24E-01	0.00E+00	0.00E+00	9.27E+00	1.78E-05	5.67E-03	6.13E-03	0.00E+00	0.00E+00	1.43E-09	7.00E-08	-2.20E-03	-2.06E+00	0.00E+00	0.00E+00	6.19E+00	0.00E+00	9.44E+00	0.00E+00	7.66E-08	3.36E-08	2.04E-03	0.00E+00	2.53E-01	0.00E+00	9.44E+00	1.81E-06	9.44E+00	9.70E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+02
	HMC180	-1.99E-02	-2.13E-02	1.53E-03	-2.28E-02	0.00E+00	0.00E+00	-3.35E+00	-2.04E-03	-7.89E-04	-1.03E-02	0.00E+00	0.00E+00	-2.30E-09	-2.35E-07	5.76E-03	-1.83E+00	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	3.47E-01	0.00E+00	6.23E-09	-3.17E-08	-2.93E-03	0.00E+00	-2.64E-01	0.00E+00	3.47E-01	-5.85E-05	3.47E-01	8.35E-02	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
	HMC180T	-1.11E-02	-1.12E-01	7.65E-04	-1.34E-01	0.00E+00	0.00E+00	-1.66E+00	-1.16E-03	-1.90E-04	-6.29E-03	0.00E+00	0.00E+00	-2.35E-09	-1.47E-07	1.74E-04	-1.51E+00	0.00E+00	0.00E+00	-1.46E+00	0.00E+00	1.24E-01	0.00E+00	3.66E-10	-2.81E-08	-2.06E-03	0.00E+00	-2.94E-01	0.00E+00	1.24E-01	-3.76E-05	1.24E-01	-3.16E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
	HMC190	-6.62E-03	-1.19E-01	6.54E-04	-1.49E-01	0.00E+00	0.00E+00	-1.72E+00	-6.81E-04	4.15E-04	-4.67E-03	0.00E+00	0.00E+00	-2.26E-09	-5.02E-08	-1.37E-03	-1.30E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	8.84E-02	0.00E+00	-5.23E-10	-2.07E-08	-1.39E-03	0.00E+00	-2.10E-01	0.00E+00	8.84E-02	-2.09E-05	8.84E-02	-3.65E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-7.63E+01
	HMC190T	-6.50E-03	-1.13E-01	9.78E-04	-1.42E-01	0.00E+00	0.00E+00	-1.66E+00	-6.88E-04	4.20E-04	-4.62E-03	0.00E+00	0.00E+00	-2.22E-09	-4.91E-08	-8.76E-04	-1.29E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	1.73E-01	0.00E+00	-1.14E-11	-1.99E-08	-1.45E-03	0.00E+00	-2.13E-01	0.00E+00	1.73E-01	-1.96E-05	1.73E-01	-3.28E-01	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
	HMC199	-8.57E-03	-2.85E-02	1.30E-03	-8.29E-02	0.00E+00	0.00E+00	-1.27E+00	-9.57E-04	1.63E-03	-7.11E-03	0.00E+00	0.00E+00	-2.47E-09	-1.22E-07	-1.83E-03	-1.46E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	1.34E+00	0.00E+00	1.93E-10	-2.69E-08	-1.77E-03	0.00E+00	-2.23E-01	0.00E+00	1.34E+00	-3.40E-05	1.34E+00	1.09E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
	HMC199T	-8.56E-03	-2.85E-02	1.30E-03	-8.39E-02	0.00E+00	0.00E+00	-1.27E+00	-9.57E-04	1.63E-03	-7.09E-03	0.00E+00	0.00E+00	-2.47E-09	-1.22E-07	-1.83E-03	-1.45E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	1.34E+00	0.00E+00	1.93E-10	-2.69E-08	-1.77E-03	0.00E+00	-2.23E-01	0.00E+00	1.34E+00	-3.37E-05	1.34E+00	1.09E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
	HMC280	-5.47E-03	-1.92E-01	2.13E-03	-1.70E-01	0.00E+00	0.00E+00	-2.76E+00	-7.32E-04	1.16E-03	-6.55E-03	0.00E+00	0.00E+00	-3.39E-09	-7.35E-08	-7.41E-03	-2.04E+00	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	-1.08E+00	0.00E+00	4.08E-09	-3.62E-08	-2.24E-03	0.00E+00	-4.99E-01	0.00E+00	-1.08E+00	-2.34E-05	-1.08E+00	-1.31E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
	HMC280T	-6.06E-03	-1.93E-01	2.13E-03	-1.72E-01	0.00E+00	0.00E+00	-2.85E+00	-9.39E-04	1.39E-03	-6.75E-03	0.00E+00	0.00E+00	-3.39E-09	-7.35E-08	-7.41E-03	-2.09E+00	0.00E+00	0.00E+00	-2.87E+00	0.00E+00	-1.42E+00	0.00E+00	3.53E-09	-3.62E-08	-2.24E-03	0.00E+00	-5.15E-01	0.00E+00	-1.42E+00	-2.35E-05	-1.42E+00	-1.63E+00	-5.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
	HMC290	-1.56E-02	-8.81E-02	2.39E-03	-7.09E-02	0.00E+00	0.00E+00	-3.89E+00	-2.06E-03	1.13E-03	-1.14E-02	0.00E+00	0.00E+00	-3.43E-09	-1.84E-07	-1.07E-02	-1.68E+00	0.00E+00	0.00E+00	-3.75E+00	0.00E+00	-1.07E+00	0.00E+00	5.22E-09	-3.92E-08	-2.34E-03	0.00E+00	-6.30E-01	0.00E+00	-1.07E+00	-6.40E-05	-1.07E+00	-1.05E+00	-6.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
	HMC290T	-1.65E-02	-9.21E-02	2.32E-03	-8.46E-02	0.00E+00	0.00E+00	-4.27E+00	-2.04E-03	1.18E-03	-1.14E-02	0.00E+00	0.00E+00	-3.56E-09	-2.11E-07	-1.06E-02	-1.97E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-1.39E+00	0.00E+00	3.50E-09	-4.24E-08	-2.42E-03	0.00E+00	-7.17E-01	0.00E+00	-1.39E+00	-6.54E-05	-1.39E+00	-1.42E+00	-7.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
	HMC299	-5.89E-03	-2.44E-02	3.83E-03	6.89E-04	0.00E+00	0.00E+00	1.62E+00	-7.37E-04	2.41E-03	-7.57E-03	0.00E+00	0.00E+00	-3.51E-09	-1.66E-07	-4.42E-03	-1.75E+00	0.00E+00	0.00E+00	4.83E-01	0.00E+00	9.31E-01	0.00E+00	5.34E-09	-3.31E-08	-2.28E-03	0.00E+00	-4.24E-01	0.00E+00	9.31E-01	-4.33E-05	9.31E-01	7.22E-01	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-8.30E+00
	HMC299T	-5.89E-03	-2.23E-02	3.83E-03	7.05E-04	0.00E+00	0.00E+00	1.62E+00	-7.37E-04	2.41E-03	-7.57E-03	0.00E+00	0.00E+00	-3.50E-09	-1.66E-07	-4.42E-03	-1.75E+00	0.00E+00	0.00E+00	4.83E-01	0.00E+00	9.31E-01	0.00E+00	5.34E-09	-3.31E-08	-2.28E-03	0.00E+00	-4.19E-01	0.00E+00	9.31E-01	-4.33E-05	9.31E-01	6.72E-01	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	-8.30E+00
	HMC380	6.89E-03	4.16E-01	2.86E-02	3.87E-01	0.00E+00	0.00E+00	6.96E+00	1.33E-05	4.30E-03	4.55E-03	0.00E+00	0.00E+00	1.07E-09	5.30E-08	-7.94E-03	-1.50E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	7.00E+00	0.00E+00	5.74E-08	2.48E-08	1.52E-03	0.00E+00	1.58E-01	0.00E+00	7.00E+00	1.36E-06	7.00E+00	7.16E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
	HMC390	-6.09E-02	-1.10E-01	-2.05E-03	-1.08E-01	0.00E+00	0.00E+00	-1.21E+01	-6.17E-03	-2.46E-03	-3.18E-02	0.00E+00	0.00E+00	-8.92E-09	-7.13E-07	-3.73E-02	-6.00E+00	0.00E+00	0.00E+00	-1.14E+01	0.00E+00	-3.13E+00	0.00E+00	1.55E-09	-1.19E-07	-9.67E-03	0.00E+00	-1.36E+00	0.00E+00	-3.13E+00	-1.79E-04	-3.13E+00	-4.49E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-4.99E+02
	HMC399	3.55E-03	-2.27E-01	1.27E-02	-2.40E-01	0.00E+00	0.00E+00	2.15E+00	-1.47E-04	3.68E-03	-2.14E-03	0.00E+00	0.00E+00	-3.72E-09	3.08E-08	1.25E-02	-1.54E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	-7.78E-01	0.00E+00	9.90E-09	-2.22E-08	-1.30E-03	0.00E+00	-9.88E-02	0.00E+00	-7.78E-01	-7.81E-06	-7.78E-01	-8.77E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
	HMC480	-7.98E-02	-1.48E-01	5.39E-03	-1.54E-01	0.00E+00	0.00E+00	-1.35E+01	-8.17E-03	-3.20E-03	-4.16E-02	0.00E+00	0.00E+00	-9.17E-09	-9.42E-07	2.08E-02	-8.13E+00	0.00E+00	0.00E+00	-1.12E+01	0.00E+00	1.02E+00	0.00E+00	2.17E-08	-1.28E-07	-1.18E-02	0.00E+00	-1.18E+00	0.00E+00	1.02E+00	-2.34E-04	1.02E+00	-1.56E-01	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-5.11E+02
	HMC490	8.55E-03	8.12E-01	3.28E-02	7.79E-01	0.00E+00	0.00E+00	6.69E+00	-8.24E-05	5.77E-03	6.92E-03	0.00E+00	0.00E+00	-1.31E-09	5.83E-08	4.11E-02	1.89E+00	0.00E+00	0.00E+00	4.15E+00	0.00E+00	6.77E+00	0.00E+00	6.54E-08	1.67E-08	1.44E-03	0.00E+00	8.72E-01	0.00E+00	6.77E+00	-3.65E-06	6.77E+00	7.64E+00	8.72E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
	HMC499	-7.78E-02	3.79E-01	8.58E-03	3.70E-01	0.00E+00	0.00E+00	-1.30E+01	-8.07E-03	-2.82E-03	-3.70E-02	0.00E+00	0.00E+00	-8.97E-09	-9.29E-07	2.55E-02	-7.24E+00	0.00E+00	0.00E+00	-1.08E+01	0.00E+00	2.10E+00	0.00E+00	3.37E-08	-1.20E-07	-1.08E-02	0.00E+00	-1.01E+00	0.00E+00	2.10E+00	-2.31E-04	2.10E+00	1.09E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-4.98E+02
	HMD180	-1.09E-02	-1.10E-01	6.99E-04	-1.30E-01	0.00E+00	0.00E+00	-1.65E+00	-1.11E-03	-1.77E-04	-6.61E-03	0.00E+00	0.00E+00	-2.26E-09	-1.55E-07	-3.28E-05	-1.27E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	6.38E-02	0.00E+00	5.57E-10	-2.69E-08	-1.91E-03	0.00E+00	-2.40E-01	0.00E+00	6.38E-02	-3.73E-05	6.38E-02	-4.21E-01	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
	HMD180T	-1.11E-02	-1.12E-01	7.65E-04	-1.35E-01	0.00E+00	0.00E+00	-1.66E+00	-1.16E-03	-1.85E-04	-6.29E-03	0.00E+00	0.00E+00	-2.35E-09	-1.47E-07	1.77E-04	-1.51E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	3.51E-02	0.00E+00	3.66E-10	-2.82E-08	-2.06E-03	0.00E+00	-2.94E-01	0.00E+00	3.51E-02	-3.76E-05	3.51E-02	-4.21E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
	HMD190	-8.12E-03	-1.01E-01	8.65E-04	-1.36E-01	0.00E+00	0.00E+00	-1.68E+00	-8.37E-04	3.24E-04	-5.14E-03	0.00E+00	0.00E+00	-2.17E-09	-7.18E-08	-7.59E-04	-1.26E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	1.44E-01	0.00E+00	3.09E-10	-2.16E-08	-1.63E-03	0.00E+00	-2.46E-01	0.00E+00	1.44E-01	-2.47E-05	1.44E-01	-4.90E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-7.42E+01
	HMD190T	-8.18E-03	-1.04E-01	8.65E-04	-1.37E-01	0.00E+00	0.00E+00	-1.68E+00	-8.37E-04	3.24E-04	-5.04E-03	0.00E+00	0.00E+00	-2.24E-09	-7.15E-08	-7.87E-04	-1.33E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	1.44E-01	0.00E+00	1.27E-10	-2.21E-08	-1.66E-03	0.00E+00	-2.44E-01	0.00E+00	1.44E-01	-2.49E-05	1.44E-01	-4.90E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
	HMD199	-1.04E-02	-2.40E-02	7.89E-04	-8.62E-02	0.00E+00	0.00E+00	-1.30E+00	-9.81E-04	1.59E-03	-6.99E-03	0.00E+00	0.00E+00	-2.65E-09	-1.28E-07	-2.06E-03	-1.58E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	1.25E+00	0.00E+00	-1.62E-10	-2.86E-08	-1.87E-03	0.00E+00	-2.66E-01	0.00E+00	1.25E+00	-3.55E-05	1.25E+00	8.56E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-7.24E+01
	HMD199T	-9.57E-03	-1.62E-02	1.04E-03	-7.86E-02	0.00E+00	0.00E+00	-1.25E+00	-9.74E-04	1.59E-03	-6.72E-03	0.00E+00	0.00E+00	-2.49E-09	-1.27E-07	-1.92E-03	-1.48E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	1.32E+00	0.00E+00	2.71E-10	-2.78E-08	-1.86E-03	0.00E+00	-2.47E-01	0.00E+00	1.32E+00	-3.43E-05	1.32E+00	8.93E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.95E+01
	HMD280	-6.08E-03	-1.96E-01	2.12E-03	-1.72E-01	0.00E+00	0.00E+00	-2.87E+00	-9.39E-04	1.39E-03	-6.75E-03	0.00E+00	0.00E+00	-3.39E-09	-7.37E-08	-9.10E-03	-2.09E+00	0.00E+00	0.00E+00	-2.88E+00	0.00E+00	-1.62E+00	0.00E+00	3.42E-09	-3.62E-08	-2.24E-03	0.00E+00	-5.15E-01	0.00E+00	-1.62E+00	-2.35E-05	-1.62E+00	-1.94E+00	-5.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
	HMD280T	-6.08E-03	-1.96E-01	2.13E-03	-1.72E-01	0.00E+00	0.00E+00	-2.87E+00	-9.39E-04	1.39E-03	-6.75E-03	0.00E+00	0.00E+00	-3.39E-09	-7.37E-08	-9.10E-03	-2.09E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-1.62E+00	0.00E+00	3.42E-09	-3.62E-08	-2.24E-03	0.00E+00	-5.16E-01	0.00E+00	-1.62E+00	-2.35E-05	-1.62E+00	-1.94E+00	-5.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
	HMD290	-1.66E-02	-6.18E-02	2.27E-03	-4.48E-02	0.00E+00	0.00E+00	-4.68E+00	-2.06E-03	1.12E-03	-1.17E-02	0.00E+00	0.00E+00	-3.54E-09	-1.79E-07	-1.01E-02	-1.68E+00	0.00E+00	0.00E+00	-4.34E+00	0.00E+00	-1.31E+00	0.00E+00	4.44E-09	-4.17E-08	-2.26E-03	0.00E+00	-6.65E-01	0.00E+00	-1.31E+00	-6.53E-05	-1.31E+00	-1.81E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
	HMD290T	-2.01E-02	-5.89E-02	2.21E-03	-5.78E-02	0.00E+00	0.00E+00	-4.70E+00	-2.32E-03	1.19E-03	-1.20E-02	0.00E+00	0.00E+00	-3.56E-09	-2.07E-07	-1.02E-02	-1.85E+00	0.00E+00	0.00E+00	-4.54E+00	0.00E+00	-1.56E+00	0.00E+00	3.57E-09	-4.37E-08	-2.39E-03	0.00E+00	-8.10E-01	0.00E+00	-1.56E+00	-6.64E-05	-1.56E+00	-1.93E+00	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
	HMD299	-8.49E-03	9.64E-03	3.71E-03	4.13E-02	0.00E+00	0.00E+00	1.44E+00	-9.08E-04	2.47E-03	-7.30E-03	0.00E+00	0.00E+00	-3.56E-09	-1.70E-07	-4.43E-03	-1.74E+00	0.00E+00	0.00E+00	1.48E-01	0.00E+00	7.99E-01	0.00E+00	5.45E-09	-3.09E-08	-1.93E-03	0.00E+00	-4.15E-01	0.00E+00	7.99E-01	-4.81E-05	7.99E-01	2.24E-01	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
	HMD299T	-5.45E-03	4.53E-03	3.71E-03	3.95E-02	0.00E+00	0.00E+00	1.46E+00	-7.09E-04	2.41E-03	-6.66E-03	0.00E+00	0.00E+00	-3.53E-09	-1.63E-07	-4.47E-03	-2.02E+00	0.00E+00	0.00E+00	4.18E-01	0.00E+00	8.73E-01	0.00E+00	5.83E-09	-3.06E-08	-1.88E-03	0.00E+00	-4.03E-01	0.00E+00	8.73E-01	-4.18E-05	8.73E-01	4.19E-01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
	HMD380T	5.51E-03	1.21E-01	2.16E-02	9.98E-02	0.00E+00	0.00E+00	4.74E+00	-6.12E-05	4.05E-03	1.59E-03	0.00E+00	0.00E+00	-1.03E-09	4.31E-08	2.54E-02	-2.90E+00	0.00E+00	0.00E+00	2.83E+00	0.00E+00	3.67E+00	0.00E+00	3.50E-08	3.98E-09	2.56E-04	0.00E+00	-1.86E-02	0.00E+00	3.67E+00	-2.94E-06	3.67E+00	3.65E+00	-1.86E-02	0.00E+00	0.00E+00	0.00E+00	9.63E+01
	HMD390T	6.85E-03	4.06E-01	2.85E-02	3.78E-01	0.00E+00	0.00E+00	6.95E+00	1.34E-05	4.27E-03	4.45E-03	0.00E+00	0.00E+00	1.07E-09	5.27E-08	-7.97E-03	-9.27E-01	0.00E+00	0.00E+00	4.55E+00	0.00E+00	7.02E+00	0.00E+00	5.74E-08	2.50E-08	1.50E-03	0.00E+00	2.40E-01	0.00E+00	7.02E+00	1.40E-06	7.02E+00	7.26E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
	HMD399T	6.80E-03	4.08E-01	2.83E-02	3.79E-01	0.00E+00	0.00E+00	6.93E+00	1.33E-05	4.24E-03	4.44E-03	0.00E+00	0.00E+00	1.03E-09	5.24E-08	-7.98E-03	-7.17E-01	0.00E+00	0.00E+00	4.48E+00	0.00E+00	7.01E+00	0.00E+00	5.74E-08	2.50E-08	1.50E-03	0.00E+00	2.65E-01	0.00E+00	7.01E+00	1.35E-06	7.01E+00	7.28E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
	HMF180	-1.09E-02	-1.09E-01	6.99E-04	-1.30E-01	0.00E+00	0.00E+00	-1.65E+00	-1.11E-03	-1.77E-04	-6.61E-03	0.00E+00	0.00E+00	-2.26E-09	-1.55E-07	-3.56E-05	-1.27E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	1.53E-01	0.00E+00	5.57E-10	-2.69E-08	-1.91E-03	0.00E+00	-2.40E-01	0.00E+00	1.53E-01	-3.73E-05	1.53E-01	-3.16E-01	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
	HMF180T	-2.12E-02	-2.77E-01	-4.04E-03	-2.73E-01	0.00E+00	0.00E+00	-4.96E+00	-2.10E-03	-1.00E-03	-1.28E-02	0.00E+00	0.00E+00	-3.89E-09	-2.43E-07	-2.81E-03	-3.05E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-2.59E+00	0.00E+00	-1.08E-08	-4.95E-08	-3.94E-03	0.00E+00	-6.15E-01	0.00E+00	-2.59E+00	-6.16E-05	-2.59E+00	-3.21E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
	HMF190	-6.66E-03	-1.13E-01	8.85E-04	-1.41E-01	0.00E+00	0.00E+00	-1.68E+00	-6.87E-04	4.28E-04	-4.40E-03	0.00E+00	0.00E+00	-2.23E-09	-5.05E-08	-1.25E-03	-1.31E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	1.73E-01	0.00E+00	-1.14E-11	-2.09E-08	-1.43E-03	0.00E+00	-2.06E-01	0.00E+00	1.73E-01	-1.98E-05	1.73E-01	-3.33E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
	HMF190T	6.18E-04	-1.91E-01	1.71E-03	-1.93E-01	0.00E+00	0.00E+00	-2.40E-02	-7.50E-05	1.13E-03	-1.88E-03	0.00E+00	0.00E+00	-1.98E-09	6.79E-09	5.22E-04	-5.11E-01	0.00E+00	0.00E+00	-8.15E-01	0.00E+00	-1.58E+00	0.00E+00	-4.18E-09	-1.55E-08	-9.11E-04	0.00E+00	-1.14E-01	0.00E+00	-1.58E+00	-4.08E-06	-1.58E+00	-1.69E+00	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
	HMF199	-8.79E-03	-2.79E-02	1.37E-03	-8.19E-02	0.00E+00	0.00E+00	-1.23E+00	-8.53E-04	1.63E-03	-6.86E-03	0.00E+00	0.00E+00	-2.34E-09	-1.14E-07	-1.98E-03	-1.25E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	1.37E+00	0.00E+00	2.84E-10	-2.70E-08	-1.61E-03	0.00E+00	-1.80E-01	0.00E+00	1.37E+00	-3.35E-05	1.37E+00	1.09E+00	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-6.85E+01
	HMF199T	-8.56E-03	-2.85E-02	1.30E-03	-8.39E-02	0.00E+00	0.00E+00	-1.27E+00	-9.57E-04	1.63E-03	-7.09E-03	0.00E+00	0.00E+00	-2.47E-09	-1.22E-07	-1.83E-03	-1.45E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	1.34E+00	0.00E+00	1.93E-10	-2.69E-08	-1.77E-03	0.00E+00	-2.23E-01	0.00E+00	1.34E+00	-3.37E-05	1.34E+00	1.09E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
	HMF280	-6.06E-03	-1.95E-01	2.12E-03	-1.77E-01	0.00E+00	0.00E+00	-2.85E+00	-9.18E-04	1.39E-03	-6.75E-03	0.00E+00	0.00E+00	-3.41E-09	-7.35E-08	-7.46E-03	-2.09E+00	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-1.42E+00	0.00E+00	3.53E-09	-3.62E-08	-2.24E-03	0.00E+00	-5.21E-01	0.00E+00	-1.42E+00	-2.35E-05	-1.42E+00	-1.61E+00	-5.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
	HMF280T	1.10E-03	-4.16E-01	3.10E-03	-4.19E-01	0.00E+00	0.00E+00	-2.72E-02	-1.48E-04	2.27E-03	-3.96E-03	0.00E+00	0.00E+00	-3.93E-09	1.37E-08	-2.47E-02	-1.67E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	-3.47E+00	0.00E+00	-8.25E-09	-3.27E-08	-1.86E-03	0.00E+00	-4.71E-01	0.00E+00	-3.47E+00	-8.02E-06	-3.47E+00	-3.94E+00	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-8.67E+01
	HMF290	-1.64E-02	-9.00E-02	2.39E-03	-7.75E-02	0.00E+00	0.00E+00	-4.27E+00	-2.06E-03	1.18E-03	-1.14E-02	0.00E+00	0.00E+00	-3.54E-09	-2.11E-07	-1.06E-02	-1.71E+00	0.00E+00	0.00E+00	-4.04E+00	0.00E+00	-1.39E+00	0.00E+00	3.50E-09	-4.23E-08	-2.43E-03	0.00E+00	-6.85E-01	0.00E+00	-1.39E+00	-6.54E-05	-1.39E+00	-1.47E+00	-6.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
	HMF290T	-1.70E-02	-9.21E-02	2.32E-03	-8.81E-02	0.00E+00	0.00E+00	-4.27E+00	-2.04E-03	1.18E-03	-1.14E-02	0.00E+00	0.00E+00	-3.56E-09	-2.11E-07	-1.06E-02	-1.84E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-1.38E+00	0.00E+00	3.50E-09	-4.26E-08	-2.42E-03	0.00E+00	-7.31E-01	0.00E+00	-1.38E+00	-6.58E-05	-1.38E+00	-1.42E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
	HMF299	-8.93E-03	-1.93E-02	3.83E-03	-5.52E-03	0.00E+00	0.00E+00	1.60E+00	-9.39E-04	2.47E-03	-8.24E-03	0.00E+00	0.00E+00	-3.56E-09	-1.74E-07	-3.74E-03	-1.84E+00	0.00E+00	0.00E+00	2.82E-01	0.00E+00	8.73E-01	0.00E+00	4.97E-09	-3.43E-08	-2.32E-03	0.00E+00	-4.50E-01	0.00E+00	8.73E-01	-4.96E-05	8.73E-01	5.28E-01	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+01

HMF299T	-5.89E-03	-2.23E-02	3.84E-03	2.85E-03	0.00E+00	0.00E+00	1.62E+00	-7.59E-04	2.41E-03	-7.57E-03	0.00E+00	0.00E+00	-3.50E-09	-1.66E-07	-4.43E-03	-1.75E+00	0.00E+00	0.00E+00	4.83E-01	0.00E+00	9.31E-01	0.00E+00	5.34E-09	-3.31E-08	-2.28E-03	0.00E+00	-4.16E-01	0.00E+00	9.31E-01	-4.33E-05	9.31E-01	6.72E-01	-4.16E-01	0.00E+00	0.00E+00	0.00E+00	-8.30E+00
HMF380	-5.93E-02	2.04E-01	5.88E-03	1.98E-01	0.00E+00	0.00E+00	-1.00E+01	-6.13E-03	-2.18E-03	-2.86E-02	0.00E+00	0.00E+00	-6.84E-09	-7.06E-07	1.85E-02	-7.44E+00	0.00E+00	0.00E+00	-8.29E+00	0.00E+00	1.33E+00	0.00E+00	2.31E-08	-9.34E-08	-8.31E-03	0.00E+00	-1.06E+00	0.00E+00	1.33E+00	-1.76E-04	1.33E+00	2.66E-01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
HMF380T	-6.03E-02	-1.77E-01	3.17E-03	-1.80E-01	0.00E+00	0.00E+00	-1.02E+01	-6.13E-03	-2.45E-03	-3.17E-02	0.00E+00	0.00E+00	-6.90E-09	-7.07E-07	-2.98E-02	-7.13E+00	0.00E+00	0.00E+00	-9.18E+00	0.00E+00	-1.20E-01	0.00E+00	1.42E-08	-1.01E-07	-9.03E-03	0.00E+00	-1.31E+00	0.00E+00	-1.20E-01	-1.76E-04	-1.20E-01	-1.43E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
HMF390	-6.08E-02	-8.56E-02	-1.82E-03	-8.38E-02	0.00E+00	0.00E+00	-1.21E+01	-6.17E-03	-2.45E-03	-3.16E-02	0.00E+00	0.00E+00	-8.92E-09	-7.12E-07	-3.68E-02	-5.25E+00	0.00E+00	0.00E+00	-1.13E+01	0.00E+00	-2.98E+00	0.00E+00	2.82E-09	-1.18E-07	-9.62E-03	0.00E+00	-1.24E+00	0.00E+00	-2.98E+00	-1.79E-04	-2.98E+00	-4.22E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-4.97E+02
HMF399T	3.63E-03	-1.97E-01	1.30E-02	-2.10E-01	0.00E+00	0.00E+00	2.19E+00	-1.46E-04	3.69E-03	-1.95E-03	0.00E+00	0.00E+00	-3.71E-09	3.09E-08	1.32E-02	-5.65E-01	0.00E+00	0.00E+00	8.05E-02	0.00E+00	-5.81E-01	0.00E+00	1.15E-08	-2.10E-08	-1.25E-03	0.00E+00	4.98E-02	0.00E+00	-5.81E-01	-7.73E-06	-5.81E-01	-5.31E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
HMF480	-8.48E-02	-1.16E+00	-1.70E-02	-1.14E+00	0.00E+00	0.00E+00	-2.00E+01	-8.39E-03	-4.05E-03	-5.15E-02	0.00E+00	0.00E+00	-1.56E-08	-9.72E-07	-1.32E-02	-1.23E+01	0.00E+00	0.00E+00	-1.83E+01	0.00E+00	-1.07E+01	0.00E+00	-4.58E-08	-1.99E-07	-1.59E-02	0.00E+00	-2.49E+00	0.00E+00	-1.07E+01	-2.47E-04	-1.07E+01	-1.32E+01	-2.49E+00	0.00E+00	0.00E+00	0.00E+00	-7.90E+02
HMF490	-8.10E-02	-9.69E-02	-2.27E-03	-9.46E-02	0.00E+00	0.00E+00	-1.61E+01	-8.22E-03	-3.26E-03	-4.21E-02	0.00E+00	0.00E+00	-1.19E-08	-9.50E-07	-4.05E-02	-6.68E+00	0.00E+00	0.00E+00	-1.50E+01	0.00E+00	-3.81E+00	0.00E+00	4.27E-09	-1.56E-07	-1.28E-02	0.00E+00	-1.56E+00	0.00E+00	-3.81E+00	-2.38E-04	-3.81E+00	-5.37E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-6.58E+02
HMF499	1.06E-02	1.21E+00	4.25E-02	1.17E+00	0.00E+00	0.00E+00	9.60E+00	1.78E-05	6.09E-03	1.11E-02	0.00E+00	0.00E+00	1.54E-09	7.16E-08	5.53E-02	1.10E+00	0.00E+00	0.00E+00	7.33E+00	0.00E+00	1.17E+01	0.00E+00	9.29E-08	4.68E-08	3.20E-03	0.00E+00	1.07E+00	0.00E+00	1.17E+01	1.96E-06	1.17E+01	1.28E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
HMX110	1.70E-03	2.27E-01	6.81E-03	2.20E-01	0.00E+00	0.00E+00	1.39E+00	-1.54E-05	1.07E-03	1.93E-03	0.00E+00	0.00E+00	-5.45E-11	1.03E-08	9.41E-03	4.17E-01	0.00E+00	0.00E+00	9.60E-01	0.00E+00	1.77E+00	0.00E+00	1.57E-08	5.91E-09	4.70E-04	0.00E+00	1.91E-01	0.00E+00	1.77E+00	-4.84E-07	1.77E+00	1.96E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
HMX116	-8.67E-03	-7.76E-02	-1.03E-05	-9.39E-02	0.00E+00	0.00E+00	-8.01E-01	-4.90E-04	2.87E-04	-1.90E-03	0.00E+00	0.00E+00	-1.03E-09	-5.03E-08	-2.73E-03	-8.96E-01	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	3.95E-01	0.00E+00	6.08E-09	-8.98E-09	-7.79E-04	0.00E+00	-1.19E-01	0.00E+00	3.95E-01	-2.19E-05	3.95E-01	-6.02E-02	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.43E+01
HMX120	-7.47E-03	-9.80E-02	-1.01E-05	-9.47E-02	0.00E+00	0.00E+00	-8.25E-01	-3.04E-04	3.19E-04	-1.65E-03	0.00E+00	0.00E+00	-9.97E-10	-3.22E-08	-2.74E-03	-8.56E-01	0.00E+00	0.00E+00	-6.67E-01	0.00E+00	5.82E-01	0.00E+00	5.88E-09	-6.96E-09	-6.30E-04	0.00E+00	-1.11E-01	0.00E+00	5.82E-01	-1.87E-05	5.82E-01	1.22E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
HMX125	-7.45E-03	-8.85E-02	2.35E-04	-1.05E-01	0.00E+00	0.00E+00	-8.71E-01	-3.33E-04	3.21E-04	-1.61E-03	0.00E+00	0.00E+00	-1.18E-09	-3.89E-08	-2.86E-03	-8.29E-01	0.00E+00	0.00E+00	-7.05E-01	0.00E+00	8.80E-01	0.00E+00	5.89E-09	-8.04E-09	-6.30E-04	0.00E+00	-1.02E-01	0.00E+00	8.80E-01	-2.03E-05	8.80E-01	4.37E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
HMX132	-7.30E-03	-8.30E-02	2.20E-04	-9.40E-02	0.00E+00	0.00E+00	-9.06E-01	-3.21E-04	3.19E-04	-1.72E-03	0.00E+00	0.00E+00	-1.14E-09	-3.73E-08	-2.61E-03	-9.03E-01	0.00E+00	0.00E+00	-6.77E-01	0.00E+00	8.63E-01	0.00E+00	5.76E-09	-7.17E-09	-6.11E-04	0.00E+00	-1.16E-01	0.00E+00	8.63E-01	-2.00E-05	8.63E-01	5.26E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
HMX150	-7.06E-03	-1.01E-01	-4.77E-05	-9.98E-02	0.00E+00	0.00E+00	-9.47E-01	-4.93E-04	1.74E-04	-2.28E-03	0.00E+00	0.00E+00	-1.63E-09	-3.98E-08	-3.30E-03	-9.34E-01	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	5.22E-01	0.00E+00	5.31E-09	-1.10E-08	-7.72E-04	0.00E+00	-1.47E-01	0.00E+00	5.22E-01	-1.98E-05	5.22E-01	1.09E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
HMX163	-7.50E-03	-1.18E-01	6.86E-05	-1.26E-01	0.00E+00	0.00E+00	-1.26E+00	-6.15E-04	1.78E-04	-3.06E-03	0.00E+00	0.00E+00	-1.90E-09	-4.81E-08	-1.96E-03	-1.06E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	3.43E-01	0.00E+00	4.73E-09	-1.54E-08	-1.02E-03	0.00E+00	-1.79E-01	0.00E+00	3.43E-01	-2.08E-05	3.43E-01	-3.63E-02	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.54E+01
HMX216	-1.22E-02	-6.60E-02	9.21E-04	-6.59E-02	0.00E+00	0.00E+00	-1.94E+00	-1.15E-03	2.46E-05	-7.53E-03	0.00E+00	0.00E+00	-2.73E-09	-1.24E-07	-4.91E-03	-1.90E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-3.46E-01	0.00E+00	8.91E-09	-2.58E-08	-2.42E-03	0.00E+00	-4.03E-01	0.00E+00	-3.46E-01	-3.54E-05	-3.46E-01	-6.37E-01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
HMX220	-1.24E-02	-9.69E-02	4.09E-04	-1.89E-02	0.00E+00	0.00E+00	-2.04E+00	-1.27E-03	1.55E-04	-7.03E-03	0.00E+00	0.00E+00	-2.62E-09	-1.21E-07	-5.18E-03	-1.85E+00	0.00E+00	0.00E+00	-2.54E+00	0.00E+00	-1.02E+00	0.00E+00	8.26E-09	-2.09E-08	-2.41E-03	0.00E+00	-3.91E-01	0.00E+00	-1.02E+00	-3.56E-05	-1.02E+00	-1.23E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
HMX225	-1.19E-02	-9.21E-03	1.35E-03	-1.64E-02	0.00E+00	0.00E+00	-1.75E+00	-1.18E-03	1.88E-04	-6.45E-03	0.00E+00	0.00E+00	-2.42E-09	-1.16E-07	-2.57E-03	-1.82E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	3.18E-01	0.00E+00	8.82E-09	-2.02E-08	-2.19E-03	0.00E+00	-3.82E-01	0.00E+00	3.18E-01	-3.54E-05	3.18E-01	-3.14E-02	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	-8.83E+01
HMX232	-1.25E-02	-5.07E-02	1.36E-03	-3.85E-02	0.00E+00	0.00E+00	-2.03E+00	-1.19E-03	1.96E-04	-6.75E-03	0.00E+00	0.00E+00	-2.55E-09	-1.26E-07	-2.37E-03	-1.86E+00	0.00E+00	0.00E+00	-2.52E+00	0.00E+00	3.90E-01	0.00E+00	8.19E-09	-2.25E-08	-2.39E-03	0.00E+00	-3.89E-01	0.00E+00	3.90E-01	-3.54E-05	3.90E-01	7.97E-02	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.88E+01
HMX240	-1.28E-02	-9.12E-02	1.19E-03	-6.85E-02	0.00E+00	0.00E+00	-2.04E+00	-1.10E-03	1.84E-04	-7.09E-03	0.00E+00	0.00E+00	-2.72E-09	-1.24E-07	-5.72E-03	-1.84E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-5.36E-02	0.00E+00	7.87E-09	-2.56E-08	-2.43E-03	0.00E+00	-4.10E-01	0.00E+00	-5.36E-02	-3.45E-05	-5.36E-02	-4.33E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
HMX250	-1.26E-02	-1.26E-01	1.31E-04	-8.05E-02	0.00E+00	0.00E+00	-2.16E+00	-1.05E-03	4.23E-05	-7.16E-03	0.00E+00	0.00E+00	-2.80E-09	-1.18E-07	-6.93E-03	-1.76E+00	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-1.29E+00	0.00E+00	6.61E-09	-2.35E-08	-2.57E-03	0.00E+00	-4.31E-01	0.00E+00	-1.29E+00	-3.24E-05	-1.29E+00	-1.53E+00	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
HMX263	-1.59E-02	-7.95E-02	1.12E-03	-5.01E-02	0.00E+00	0.00E+00	-2.13E+00	-1.19E-03	9.98E-05	-9.25E-03	0.00E+00	0.00E+00	-2.89E-09	-1.10E-07	-7.57E-03	-1.78E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-1.09E-01	0.00E+00	7.54E-09	-3.10E-08	-3.03E-03	0.00E+00	-3.91E-01	0.00E+00	-1.09E-01	-4.04E-05	-1.09E-01	-5.36E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
HMX310	-2.80E-02	-9.55E-02	6.02E-04	-3.06E-02	0.00E+00	0.00E+00	-6.20E+00	-3.12E-03	-1.89E-03	-1.46E-02	0.00E+00	0.00E+00	-4.32E-09	-2.71E-07	-1.55E-02	-3.67E+00	0.00E+00	0.00E+00	-7.32E+00	0.00E+00	-1.78E+00	0.00E+00	1.09E-08	-5.89E-08	-4.87E-03	0.00E+00	-9.18E-01	0.00E+00	-1.78E+00	-5.58E-05	-1.78E+00	-2.87E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+02
HMX316	-3.58E-02	-6.47E-02	1.60E-03	-1.86E-02	0.00E+00	0.00E+00	-6.77E+00	-3.39E-03	-1.82E-03	-1.84E-02	0.00E+00	0.00E+00	-4.79E-09	-2.98E-07	-1.71E-02	-3.80E+00	0.00E+00	0.00E+00	-7.68E+00	0.00E+00	-1.91E+00	0.00E+00	1.10E-08	-8.10E-08	-5.90E-03	0.00E+00	-9.21E-01	0.00E+00	-1.91E+00	-5.91E-05	-1.91E+00	-3.19E+00	-9.21E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
HMX320	-2.87E-02	-7.71E-02	8.22E-04	5.18E-03	0.00E+00	0.00E+00	-6.23E+00	-3.21E-03	-1.88E-03	-1.37E-02	0.00E+00	0.00E+00	-4.16E-09	-2.66E-07	-1.54E-02	-3.61E+00	0.00E+00	0.00E+00	-7.23E+00	0.00E+00	-1.94E+00	0.00E+00	1.13E-08	-5.68E-08	-4.69E-03	0.00E+00	-9.26E-01	0.00E+00	-1.94E+00	-5.69E-05	-1.94E+00	-2.89E+00	-9.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
HMX325	-2.68E-02	-5.27E-02	1.37E-03	-3.58E-02	0.00E+00	0.00E+00	-6.10E+00	-2.68E-03	-1.39E-03	-1.35E-02	0.00E+00	0.00E+00	-4.46E-09	-2.42E-07	-1.38E-02	-3.64E+00	0.00E+00	0.00E+00	-6.54E+00	0.00E+00	-1.59E+00	0.00E+00	1.02E-08	-5.43E-08	-4.07E-03	0.00E+00	-8.30E-01	0.00E+00	-1.59E+00	-5.17E-05	-1.59E+00	-2.46E+00	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+02
HMX332	-3.24E-02	-4.10E-02	1.69E-03	-3.08E-02	0.00E+00	0.00E+00	-6.07E+00	-2.95E-03	-1.33E-03	-1.39E-02	0.00E+00	0.00E+00	-4.52E-09	-2.40E-07	-1.60E-02	-3.61E+00	0.00E+00	0.00E+00	-6.25E+00	0.00E+00	-1.40E+00	0.00E+00	1.05E-08	-5.71E-08	-4.53E-03	0.00E+00	-8.07E-01	0.00E+00	-1.40E+00	-5.78E-05	-1.40E+00	-2.24E+00	-8.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
HMX340	-3.92E-02	-8.41E-02	1.21E-03	-3.25E-02	0.00E+00	0.00E+00	-6.77E+00	-3.51E-03	-1.84E-03	-1.92E-02	0.00E+00	0.00E+00	-4.73E-09	-2.76E-07	-2.05E-02	-3.69E+00	0.00E+00	0.00E+00	-7.38E+00	0.00E+00	-1.98E+00	0.00E+00	1.04E-08	-8.09E-08	-6.04E-03	0.00E+00	-1.04E+00	0.00E+00	-1.98E+00	-6.94E-05	-1.98E+00	-2.86E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.00E+02
HMX350	-3.94E-02	-7.23E-02	9.41E-04	-8.97E-03	0.00E+00	0.00E+00	-6.66E+00	-3.34E-03	-1.84E-03	-1.91E-02	0.00E+00	0.00E+00	-4.65E-09	-2.73E-07	-2.20E-02	-3.68E+00	0.00E+00	0.00E+00	-7.47E+00	0.00E+00	-2.01E+00	0.00E+00	1.26E-08	-8.00E-08	-6.08E-03	0.00E+00	-1.05E+00	0.00E+00	-2.01E+00	-7.01E-05	-2.01E+00	-2.97E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
HMX363	-4.61E-02	-5.17E-02	1.30E-03	-7.40E-03	0.00E+00	0.00E+00	-8.61E+00	-4.49E-03	-2.09E-03	-2.19E-02	0.00E+00	0.00E+00	-6.95E-09	-3.71E-07	-2.15E-02	-3.16E+00	0.00E+00	0.00E+00	-8.89E+00	0.00E+00	-2.03E+00	0.00E+00	1.25E-08	-8.94E-08	-8.32E-03	0.00E+00	-1.03E+00	0.00E+00	-2.03E+00	-1.43E-04	-2.03E+00	-2.64E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.77E+02
MA100Z	-7.28E-03	-1.27E-02	2.32E-04	-3.77E-03	0.00E+00	0.00E+00	-9.56E-01	-6.79E-04	6.99E-05	-3.81E-03	0.00E+00	0.00E+00	-1.15E-09	-8.14E-08	-3.05E-03	-8.27E-01	0.00E+00	0.00E+00	-9.99E-01	0.00E+00	-2.68E-01	0.00E+00	2.31E-10	-1.47E-08	-8.76E-04	0.00E+00	-1.48E-01	0.00E+00	-2.68E-01	-1.41E-05	-2.68E-01	-4.19E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
MA101Z	-7.06E-03	-2.95E-02	2.43E-04	-1.21E-02	0.00E+00	0.00E+00	-1.14E+00	-6.83E-04	6.42E-05	-3.82E-03	0.00E+00	0.00E+00	-1.17E-09	-8.69E-08	-3.83E-03	-9.00E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-3.26E-01	0.00E+00	2.30E-11	-1.53E-08	-9.50E-04	0.00E+00	-1.67E-01	0.00E+00	-3.26E-01	-1.42E-05	-3.26E-01	-5.45E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MA102Z	-6.91E-03	-2.62E-02	5.72E-04	1.15E-03	0.00E+00	0.00E+00	-1.01E+00	-6.39E-04	6.70E-05	-3.22E-03	0.00E+00	0.00E+00	-9.94E-10	-7.78E-08	-2.63E-03	-7.59E-01	0.00E+00	0.00E+00	-8.89E-01	0.00E+00	-2.33E-01	0.00E+00	7.68E-10	-1.29E-08	-8.30E-04	0.00E+00	-1.43E-01	0.00E+00	-2.33E-01	-1.30E-05	-2.33E-01	-4.81E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
MA103Z	-6.86E-03	-8.07E-03	5.39E-04	4.08E-03	0.00E+00	0.00E+00	-9.11E-01	-6.49E-04	6.70E-05	-3.24E-03	0.00E+00	0.00E+00	-9.96E-10	-7.79E-08	-1.69E-03	-7.55E-01	0.00E+00	0.00E+00	-8.61E-01	0.00E+00	-2.25E-01	0.00E+00	7.61E-10	-1.31E-08	-7.89E-04	0.00E+00	-1.33E-01	0.00E+00	-2.25E-01	-1.29E-05	-2.25E-01	-3.88E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-4.02E+01
MA104Z	-6.74E-03	-1.54E-02	5.05E-04	3.90E-04	0.00E+00	0.00E+00	-8.99E-01	-6.16E-04	6.19E-05	-2.90E-03	0.00E+00	0.00E+00	-9.32E-10	-7.46E-08	-1.77E-03	-7.21E-01	0.00E+00	0.00E+00	-8.26E-01	0.00E+00	-2.29E-01	0.00E+00	3.91E-10	-1.25E-08	-8.13E-04	0.00E+00	-1.28E-01	0.00E+00	-2.29E-01	-1.33E-05	-2.29E-01	-4.42E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
MA106Z	-7.86E-04	3.23E-03	1.47E-03	1.84E-02	0.00E+00	0.00E+00	-5.42E-02	-1.40E-04	1.11E-04	-6.21E-04	0.00E+00	0.00E+00	-4.73E-10	-1.10E-08	-2.48E-03	-2.65E-01	0.00E+00	0.00E+00	-3.00E-01	0.00E+00	-5.40E-02	0.00E+00	1.77E-09	-4.14E-09	-3.31E-04	0.00E+00	-7.51E-02	0.00E+00	-5.40E-02	-2.90E-06	-5.40E-02	-1.20E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
MA110Z	-7.83E-04	2.88E-02	1.21E-03	1.10E-02	0.00E+00	0.00E+00	1.18E-01	-1.11E-04	1.31E-04	-6.48E-04	0.00E+00	0.00E+00	-5.67E-10	-9.28E-09	-2.60E-03	-3.20E-01	0.00E+00	0.00E+00	-1.15E-01	0.00E+00	2.58E-01	0.00E+00	2.44E-09	-3.59E-09	-2.70E-04	0.00E+00	-9.24E-02	0.00E+00	2.58E-01	-2.29E-06	2.58E-01	1.55E-01	-9.24E-02	0.00E+00	0.00E+00	0.00E+00	-7.42E+00
MA116Z	-9.13E-04	2.97E-02	1.29E-03	1.08E-02	0.00E+00	0.00E+00	7.53E-02	-1.23E-04	1.31E-04	-6.78E-04	0.00E+00	0.00E+00	-5.80E-10	-1.18E-08	-1.97E-03	-3.33E-01	0.00E+00	0.00E+00	-1.07E-01	0.00E+00	1.07E-01	0.00E+00	2.43E-09	-3.89E-09	-2.70E-04	0.00E+00	-8.53E-02	0.00E+00	1.07E-01	-2.36E-06	1.07E-01	8.43E-02	-8.53E-02	0.00E+00	0.00E+00	0.00E+00	-7.00E+00
MA120Z	-1.40E-03	2.32E-02	1.77E-03	2.87E-02	0.00E+00	0.00E+00	8.38E-02	-1.55E-04	1.29E-04	-8.94E-04	0.00E+00	0.00E+00	-3.88E-10	-1.59E-08	-1.23E-03	-3.75E-01	0.00E+00	0.00E+00	-1.20E-01	0.00E+00	2.63E-01	0.00E+00	2.94E-09	-3.97E-09	-2.80E-04	0.00E+00	-1.12E-01	0.00E+00	2.63E-01	-4.73E-06	2.63E-01	2.02E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-8.24E+00
MA125Z	-1.71E-03	3.77E-02	2.65E-03	4.50E-02	0.00E+00	0.00E+00	2.17E-01	-1.79E-04	2.13E-04	-6.20E-04	0.00E+00	0.00E+00	-3.53E-10	-4.07E-08	-1.18E-03	-1.12E-01	0.00E+00	0.00E+00	-9.80E-02	0.00E+00	2.54E-01	0.00E+00	5.92E-09	-5.25E-09	-1.09E-04	0.00E+00	-1.52E-02	0.00E+00	2.54E-01	-2.24E-06	2.54E-01	1.83E-01	-1.52E-02	0.00E+00	0.00E+00	0.00E+00	-6.44E+00
MA132Z	-9.39E-03	4.57E-03	6.06E-04	2.24E-02	0.00E+00	0.00E+00	-1.86E+00	-1.10E-03	2.71E-05	-4.91E-03	0.00E+00	0.00E+00	-1.20E-09	-1.37E-07	-1.13E-03	-8.72E-01	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-1.84E-01	0.00E+00	2.36E-09	-1.67E-08	-1.40E-03	0.00E+00	-1.67E-01	0.00E+00	-1.84E-01	-3.16E-05	-1.84E-01	-4.56E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.27E+01
MA140Z	-8.79E-03	7.25E-03	1.04E-03	2.10E-02	0.00E+00	0.00E+00	-1.69E+00	-1.03E-03	3.26E-05	-4.19E-03	0.00E+00	0.00E+00	-1.19E-09	-1.24E-07	-9.15E-04	-8.69E-01	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-2.05E-01	0.00E+00	2.58E-09	-1.58E-08	-1.26E-03	0.00E+00	-1.50E-01	0.00E+00	-2.05E-01	-2.82E-05	-2.05E-01	-4.38E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-6.96E+01
MA150Z	-7.85E-03	-1.94E-01	4.87E-04	-9.73E-02	0.00E+00	0.00E+00	-8.77E-01	-7.88E-04	6.72E-04	-4.30E-03	0.00E+00	0.00E+00	-1.01E-09	-9.48E-08	-3.17E-03	-1.68E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-7.84E-01	0.00E+00	-5.28E-09	-1.61E-08	-8.26E-04	0.00E+00	-2.43E-01	0.00E+00	-7.84E-01	-1.86E-05	-7.84E-01	-1.06E+00	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
MA163Z	-8.01E-03	-1.96E-01	4.17E-04	-8.98E-02	0.00E+00	0.00E+00	-8.60E-01	-7.24E-04	8.06E-04	-3.99E-03	0.00E+00	0.00E+00	-9.74E-10	-7.32E-08	-2.93E-03	-1.41E+00	0.00E+00	0.00E+00	-7.93E-01	0.00E+00	-7.72E-01	0.00E+00	-5.11E-09	-1.55E-08	-6.99E-04	0.00E+00	-2.23E-01	0.00E+00	-7.72E-01	-1.78E-05	-7.72E-01	-1.13E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MA200Z	-8.23E-03	-3.90E-02	4.97E-04	-2.58E-02	0.00E+00	0.00E+00	-1.07E+00	-8.07E-04	1.07E-04	-4.11E-03	0.00E+00	0.00E+00	-1.82E-09	-8.28E-08	-5.80E-03	-9.05E-01	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-4.43E-01	0.00E+00	3.40E-10	-1.76E-08	-9.04E-04	0.00E+00	-1.74E-01	0.00E+00	-4.43E-01	-2.05E-05	-4.43E-01	-5.79E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MA201Z	-8.99E-03	-6.00E-02	8.90E-05	-3.30E-02	0.00E+00	0.00E+00	-1.29E+00	-8.71E-04	6.50E-05	-4.48E-03	0.00E+00	0.00E+00	-1.99E-09	-1.03E-07	-6.72E-03	-1.21E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-5.57E-01	0.00E+00	2.05E-10	-2.05E-08	-1.28E-03	0.00E+00	-2.35E-01	0.00E+00	-5.57E-01	-2.22E-05	-5.57E-01	-8.04E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.47E+01
MA202Z	-8.74E-03	-5.12E-02	4.80E-04	-3.26E-02	0.00E+00	0.00E+00	-1.27E+00	-8.71E-04	9.05E-05	-4.11E-03	0.00E+00	0.00E+00	-1.99E-09	-1.07E-07	-6.96E-03	-1.19E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-4.73E-01	0.00E+00	3.81E-10	-2.03E-08	-1.28E-03	0.00E+00	-2.24E-01	0.00E+00	-4.73E-01	-2.23E-05	-4.73E-01	-7.39E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-6.45E+01
MA203Z	-9.09E-03	-3.47E-02	6.26E-04	-2.72E-02	0.00E+00	0.00E+00	-1.19E+00	-9.25E-04	9.74E-05	-4.29E-03	0.00E+00	0.00E+00	-1.99E-09	-1.13E-07	-6.22E-03	-1.16E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	-4.69E-01	0.00E+00	3.50E-10	-2.10E-08	-1.35E-03	0.00E+00	-2.15E-01	0.00E+00	-4.69E-01	-2.47E-05	-4.69E-01	-6.46E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-6.46E+01
MA204Z	-7.76E-03	-4.48E-02	5.43E-04	-3.10E-02	0.00E+00	0.00E+00	-1.08E+00	-8.91E-04	1.99E-05	-4.06E-03	0.00E+00	0.00E+00	-2.00E-09	-8.51E-08	-5.26E-03	-1.23E+00	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	-4.16E-01	0.00E+00	-1.61E-10	-1.78E-08	-1.23E-03	0.00E+00	-2.25E-01	0.00E+00	-4.16E-01	-2.33E-05	-4.16E-01	-6.50E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
MA206Z	-3.02E-03	-8.82E-03	2.40E-03	-2.49E-03	0.00E+00	0.00E+00	-7.57E-02	-2.20E-04	1.18E-04	-1.58E-03	0.00E+00	0.00E+00	-1.02E-09	-4.13E-08	-7.45E-03	-6.43E-01	0.00E+00	0.00E+00	-6.08E-01	0.00E+00	3.76E-02	0.00E+00	1.82E-09	-8.74E-09	-4.97E-04	0.00E+00	-1.47E-01	0.00E+00	3.76E-02	-9.59E-06	3.76E-02	-9.49E-02	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MA210Z	-2.62E-03	2.70E-02	2.19E-03	2.31E-03	0.00E+00	0.00E+00	1.50E-01	-2.85E-04	1.46E-04	-1.66E-03	0.00E+00	0.00E+00	-7.44E-10	-2.30E-08	-7.67E-03	-6.03E-01	0.00E+00	0.00E+00	-3.01E-01	0.00E+00	4.65E-01	0.00E+00	2.57E-09	-5.48E-09	-2.83E-04	0.00E+00	-1.40E-01	0.00E+00	4.65E-01	-7.87E-06	4.65E-01	3.18E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MA216Z	-4.03E-03	-9.49E-03	1.99E-03	-4.28E-03	0.00E+00	0.00E+00	-3.38E-01	-4.46E-04	1.36E-04	-2.08E-03	0.00E+00	0.00E+00	-1.45E-09	-7.01E-08	-7.78E-03	-7.33E-01	0.00E+00	0.00E+00	-9.59E-01	0.00E+00	5.35E-02	0.00E+00	2.66E-09	-1.22E-08	-7.46E-04	0.00E+00	-1.43E-01	0.00E+00	5.35E-02	-1.36E-05	5.35E-02	-8.52E-02	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
MA220Z	-3.85E-03	-2.71E-02	1.29E-03	-4.49E-04	0.00E+00	0.00E+00	-3.61E-01	-4.13E-04	1.61E-04	-2.01E-03	0.00E+00	0.00E+00	-1.53E-09	-7.37E-08	-6.59E-03	-7.27E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-5.34E-03	0.00E+00	1.95E-09	-1.35E-08	-7.56E-04	0.00E+00	-1.49E-01	0.00E+00	-5.34E-03	-1.32E-05	-5.34E-03	-8.91E-02	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
MA225Z	-4.13E-03	-2.25E-02	2.75E-03	-6.85E-03	0.00E+00	0.00E+00	-2.75E-01	-4.22E-04	2.66E-04	-2.03E-03	0.00E+00	0.00E+00	-1.44E-09	-6.33E-08	-3.96E-03	-6.75E-01	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	-1.28E-01	0.00E+00	4.28E-09	-1.49E-08	-7.43E-04	0.00E+00	-1.34E-01	0.00E+00	-1.28E-01	-1.31E-05	-1.28E-01	-3.07E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
MA232Z	-6.37E-03	1.99E-02	1.21E-03	2.74E-03	0.00E+00	0.00E+00	-1.63E+00	-1.10E-03	2.98E-04	-4.38E-03	0.00E+00	0.00E+00	-2.02E-09	-8.09E-08	-1.24E-03	-1.05E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-3.67E-01	0.00E+00	2.47E-09	-1.56E-08	-1.89E-03	0.00E+00	-2.21E-01	0.00E+00	-3.67E-01	-3.06E-05	-3.67E-01	-5.59E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-7.44E+01
MA240Z	-8.86E-03	5.08E-02	2.34E-03	2.37E-02	0.00E+00	0.00E+00	-1.82E+00	-1.51E-03	6.45E-04	-3.53E-03	0.00E+00	0.00E+00	-2.07E-09	-8.35E-08	-3.01E-03	-1.10E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-1.76E-01	0.00E+00	3.19E-09	-2.51E-08	-2.40E-03	0.00E+00	-1.87E-01	0.00E+00	-1.76E-01	-4.45E-05	-1.76E-01	-5.10E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-8.95E+01
MA250Z	-1.06E-02	-2.33E-01	4.35E-04	-1.16E-01	0.00E+00	0.00E+00	-1.06E+00	-1.00E-03	8.56E-04	-6.24E-03	0.00E+00	0.00E+00	-2.21E-09	-1.02E-07	-5.98E-03	-2.16E+00	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-9.26E-01	0.00E+00	-7.69E-09	-3.04E-08	-1.02E-03	0.00E+00	-3.52E-01	0.00E+00	-9.26E-01	-3.09E-05	-9.26E-01	-1.39E+00	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
MA263Z	-2.17E-02	-2.23E-01	-1.38E-03	-8.44E-02	0.00E+00	0.00E+00	-1.44E+00	-1.45E-03	9.86E-04	-1.02E-02	0.00E+00	0.00E+00	-3.18E-09	-1.29E-07	-3.77E-03	-2.00E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-8.06E-01	0.00E+00	-7.78E-09	-4.58E-08	-1.94E-03	0.00E+00	-3.73E-01	0.00E+00	-8.06E-01	-4.57E-05	-8.06E-01	-1.37E+00	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.04E+01
MA300Z	-1.21E-02	-2.18E-01	-1.02E-03	-1.30E-01	0.00E+00	0.00E+00	-2.46E+00	-1.75E-03	-1.92E-04	-8.25E-03	0.00E+00	0.00E+00	-2.90E-09	-1.42E-07	-1.55E-02	-2.17E+00	0.00E+00	0.00E+00	-3.04E+00	0.00E+00	-1.48E+00	0.00E+00	-6.00E-09	-3.59E-08	-3.05E-03	0.00E+00	-5.53E-01	0.00E+00	-1.48E+00	-4.01E-05	-1.48E+00	-1.86E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MA301Z	-1.21E-02	-2.14E-01	-1.47E-03	-1.49E-01	0.00E+00	0.00E+00	-2.71E+00	-1.74E-03	-3.21E-04	-7.89E-03	0.00E+00	0.00E+00	-3.07E-09	-1.45E-07	-1.28E-02	-2.72E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.18E+00	0.00E+00	-2.03E-09	-3.56E-08	-3.19E-03	0.00E+00	-7.05E-01	0.00E+00	-1.18E+00	-4.12E-05	-1.18E+00	-1.70E+00	-7.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MA302Z	-1.23E-02	-2.43E-01	-1.15E-03	-1.51E-01	0.00E+00	0.00E+00	-2.67E+00	-1.69E-03	-3.21E-04	-7.95E-03	0.00E+00	0.00E+00	-3.01E-09	-1.37E-07	-1.23E-02	-2.82E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-1.61E+00	0.00E+00	-1.75E-09	-3.43E-08	-3.12E-03	0.00E+00	-7.08E-01	0.00E+00	-1.61E+00	-4.28E-05	-1.61E+00	-2.00E+00	-7.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
MA303Z	-1.22E-02	-2.60E-01	-1.07E-03	-1.57E-01	0.00E+00	0.00E+00	-2.43E+00	-1.61E-03	-2.92E-04	-8.16E-03	0.00E+00	0.00E+00	-2.91E-09	-1.36E-07	-1.48E-02	-2.13E+00	0.00E+00	0.00E+00	-3.32E+00	0.00E+00	-1.70E+00	0.00E+00	-6.57E-09	-3.64E-08	-3.09E-03	0.00E+00	-5.48E-01	0.00E+00	-1.70E+00	-4.09E-05	-1.70E+00	-1.98E+00	-5.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
MA304Z	-1.22E-02	-2.69E-01	-7.18E-04	-1.46E-01	0.00E+00	0.00E+00	-2.26E+00	-1.72E-03	-1.97E-04	-8.10E-03	0.00E+00	0.00E+00	-2.96E-09	-1.30E-07	-1.55E-02	-2.17E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.46E+00	0.00E+00	-6.57E-09	-3.62E-08	-2.99E-03	0.00E+00	-5.45E-01	0.00E+00	-1.46E+00	-4.06E-05	-1.46E+00	-1.75E+00	-5.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MA306Z	-4.38E-03	-8.46E-02	3.01E-03	-3.84E-02	0.00E+00	0.00E+00	-6.92E-02	-4.62E-04	1.28E-04	-3.62E-03	0.00E+00	0.00E+00	-1.33E-09	-6.46E-08	-5.06E-03	-1.36E+00	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-2.42E-02	0.00E+00	3.76E-09	-1.46E-08	-9.32E-04	0.00E+00	-2.35E-01	0.00E+00	-2.42E-02	-1.45E-05	-2.42E-02	-1.79E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
MA310Z	-3.66E-03	-1.27E-01	1.64E-03	-9.00E-02	0.00E+00	0.00E+00	-3.46E-01	-3.57E-04	2.00E-04	-3.42E-03	0.00E+00	0.00E+00	-1.83E-09	-3.38E-08	-1.25E-02	-1.40E+00	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-2.24E-02	0.00E+00	1.19E-09	-2.11E-08	-1.09E-03	0.00E+00	-2.98E-01	0.00E+00	-2.24E-02	-1.27E-05	-2.24E-02	-1.96E-01	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	-5.34E+01
MA316Z	-4.70E-03	-1.08E-01	1.20E-03	-8.30E-02	0.00E+00	0.00E+00	-3.79E-01	-3.63E-04	2.96E-04	-3.57E-03	0.00E+00	0.00E+00	-2.22E-09	-3.62E-08	-1.09E-02	-1.30E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-3.32E-01	0.00E+00	3.66E-10	-2.26E-08	-1.22E-03	0.00E+00	-2.62E-01	0.00E+00	-3.32E-01	-1.06E-05	-3.32E-01	-5.21E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.83E+01
MA320Z	-1.17E-02	-1.33E-01	8.68E-04	-1.03E-01	0.00E+00	0.00E+00	-4.08E-01	-1.10E-03	1.19E-04	-5.81E-03	0.00E+00	0.00E+00	-2.19E-09	-1.13E-07	-1.36E-02	-1.52E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-2.23E-01	0.00E+00	5.29E-10	-3.00E-08	-9.75E-04	0.00E+00	-3.34E-01	0.00E+00	-2.23E-01	-1.35E-05	-2.23E-01	-4.26E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-6.02E+01
MA325Z	-1.30E-02	1.91E-02	4.23E-03	1.10E-02	0.00E+00	0.00E+00	3.88E-02	-1.29E-03	3.39E-04	-2.59E-03	0.00E+00	0.00E+00	-1.54E-09	-7.65E-08	-1.02E-02	-1.33E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	3.95E-01	0.00E+00	6.57E-09	-3.10E-08	-7.18E-04	0.00E+00	-2.42E-01	0.00E+00	3.95E-01	-8.71E-06	3.95E-01	5.29E-02	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
MA332Z	-2.24E-02	-2.51E-01	-5.64E-04	-3.48E-02	0.00E+00	0.00E+00	-3.81E+00	-2.73E-03	7.89E-04	-8.94E-03	0.00E+00	0.00E+00	-4.69E-09	-2.63E-07	-9.46E-03	-1.71E+00	0.00E+00	0.00E+00	-3.71E+00	0.00E+00	-1.25E+00	0.00E+00	-7.20E-09	-6.24E-08	-4.84E-03	0.00E+00	-7.57E-01	0.00E+00	-1.25E+00	-4.50E-05	-1.25E+00	-1.66E+00	-7.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
MA340Z	-2.12E-02	-2.29E-01	-1.00E-03	-2.88E-01	0.00E+00	0.00E+00	-4.61E+00	-1.91E-03	-3.05E-04	-1.21E-02	0.00E+00	0.00E+00	-4.98E-09	-2.82E-07	-9.97E-03	-2.14E+00	0.00E+00	0.00E+00	-4.66E+00	0.00E+00	-2.07E+00	0.00E+00	-5.73E-09	-5.35E-08	-4.19E-03	0.00E+00	-6.83E-01	0.00E+00	-2.07E+00	-4.62E-05	-2.07E+00	-2.66E+00	-6.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
MA350Z	-3.89E-02	-3.42E-01	-5.99E-03	-2.07E-01	0.00E+00	0.00E+00	-5.27E+00	-3.83E-03	-8.26E-04	-1.85E-02	0.00E+00	0.00E+00	-5.44E-09	-4.50E-07	-7.06E-03	-2.84E+00	0.00E+00	0.00E+00	-5.37E+00	0.00E+00	-2.21E+00	0.00E+00	-1.49E-08	-8.63E-08	-6.44E-03	0.00E+00	-7.20E-01	0.00E+00	-2.21E+00	-1.16E-04	-2.21E+00	-3.35E+00	-7.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MA363Z	-4.17E-02	-3.55E-01	-7.18E-03	-2.85E-01	0.00E+00	0.00E+00	-8.30E+00	-4.26E-03	-1.62E-03	-2.23E-02	0.00E+00	0.00E+00	-6.33E-09	-5.15E-07	-6.21E-03	-3.00E+00	0.00E+00	0.00E+00	-7.13E+00	0.00E+00	-3.23E+00	0.00E+00	-1.59E-08	-9.32E-08	-6.39E-03	0.00E+00	-8.65E-01	0.00E+00	-3.23E+00	-1.18E-04	-3.23E+00	-4.69E+00	-8.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+02
MA400Z	-1.70E-02	-1.62E-01	-1.59E-03	-9.39E-02	0.00E+00	0.00E+00	-4.85E+00	-1.80E-03	-1.96E-04	-9.17E-03	0.00E+00	0.00E+00	-3.48E-09	-1.34E-07	-9.62E-03	-2.37E+00	0.00E+00	0.00E+00	-4.23E+00	0.00E+00	-1.48E+00	0.00E+00	-7.11E-09	-3.70E-08	-2.95E-03	0.00E+00	-6.66E-01	0.00E+00	-1.48E+00	-4.07E-05	-1.48E+00	-1.65E+00	-6.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MA401Z	-1.67E-02	-1.24E-01	-2.89E-04	-1.09E-01	0.00E+00	0.00E+00	-5.14E+00	-1.85E-03	9.74E-04	-9.33E-03	0.00E+00	0.00E+00	-3.45E-09	-1.39E-07	-9.87E-03	-3.02E+00	0.00E+00	0.00E+00	-4.45E+00	0.00E+00	-1.17E+00	0.00E+00	-6.71E-09	-3.35E-08	-2.67E-03	0.00E+00	-7.01E-01	0.00E+00	-1.17E+00	-3.79E-05	-1.17E+00	-1.66E+00	-7.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MA402Z	-1.67E-02	-1.63E-01	-7.21E-05	-1.29E-01	0.00E+00	0.00E+00	-4.97E+00	-1.73E-03	9.74E-04	-9.38E-03	0.00E+00	0.00E+00	-3.48E-09	-1.44E-07	-9.15E-03	-3.41E+00	0.00E+00	0.00E+00	-4.38E+00	0.00E+00	-1.28E+00	0.00E+00	-6.98E-09	-3.35E-08	-2.62E-03	0.00E+00	-7.12E-01	0.00E+00	-1.28E+00	-3.61E-05	-1.28E+00	-1.67E+00	-7.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
MA403Z	-1.62E-02	-2.16E-01	-1.68E-03	-1.23E-01	0.00E+00	0.00E+00	-4.68E+00	-1.62E-03	-1.65E-04	-9.78E-03	0.00E+00	0.00E+00	-3.77E-09	-1.43E-07	-9.58E-03	-2.32E+00	0.00E+00	0.00E+00	-4.33E+00	0.00E+00	-1.72E+00	0.00E+00	-7.99E-09	-4.09E-08	-3.10E-03	0.00E+00	-6.63E-01	0.00E+00	-1.72E+00	-3.73E-05	-1.72E+00	-1.75E+00	-6.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MA404Z	-1.65E-02	-2.18E-01	-1.66E-03	-1.26E-01	0.00E+00	0.00E+00	-4.71E+00	-1.74E-03	-1.88E-04	-9.71E-03	0.00E+00	0.00E+00	-3.69E-09	-1.41E-07	-9.77E-03	-2.34E+00	0.00E+00	0.00E+00	-4.21E+00	0.00E+00	-1.62E+00	0.00E+00	-8.02E-09	-4.12E-08	-3.14E-03	0.00E+00	-6.68E-01	0.00E+00	-1.62E+00	-4.00E-05	-1.62E+00	-1.66E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MA406Z	-1.16E-02	-1.18E-01	1.45E-03	-2.65E-02	0.00E+00	0.00E+00	-1.82E+00	-1.36E-03	-4.05E-04	-7.22E-03	0.00E+00	0.00E+00	-2.22E-09	-9.96E-08	-2.70E-03	-1.83E+00	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-7.50E-01	0.00E+00	3.48E-10	-2.52E-08	-1.96E-03	0.00E+00	-3.43E-01	0.00E+00	-7.50E-01	-2.91E-05	-7.50E-01	-7.81E-01	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-9.74E+01
MA416Z	-1.31E-02	-1.01E-01	1.22E-03	-8.59E-03	0.00E+00	0.00E+00	-1.44E+00	-1.58E-03	-1.39E-04	-6.50E-03	0.00E+00	0.00E+00	-2.57E-09	-1.58E-07	-4.60E-03	-1.66E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-1.79E-01	0.00E+00	1.57E-09	-2.97E-08	-2.15E-03	0.00E+00	-2.21E-01	0.00E+00	-1.79E-01	-3.04E-05	-1.79E-01	-3.78E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-9.49E+01
MA420Z	-1.12E-02	-7.18E-02	5.49E-04	5.65E-02	0.00E+00	0.00E+00	-1.18E+00	-1.45E-03	3.34E-04	-6.89E-03	0.00E+00	0.00E+00	-2.53E-09	-1.40E-07	-2.33E-03	-1.72E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	2.74E-01	0.00E+00	2.76E-09	-2.94E-08	-1.80E-03	0.00E+00	-2.70E-01	0.00E+00	2.74E-01	-2.79E-05	2.74E-01	1.67E-01	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
MA425Z	-1.53E-02	-3.92E-03	3.59E-04	-5.62E-03	0.00E+00	0.00E+00	-2.83E+00	-1.86E-03	-2.85E-04	-8.36E-03	0.00E+00	0.00E+00	-4.13E-09	-2.14E-07	-1.30E-02	-1.91E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-5.74E-01	0.00E+00	2.90E-09	-3.91E-08	-3.73E-03	0.00E+00	-4.84E-01	0.00E+00	-5.74E-01	-4.23E-05	-5.74E-01	-6.35E-01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MA432Z	-1.89E-02	-1.04E-01	-1.49E-03	-9.28E-02	0.00E+00	0.00E+00	-4.62E+00	-1.67E-03	1.59E-03	-8.42E-03	0.00E+00	0.00E+00	-4.79E-09	-2.29E-07	-4.54E-03	-2.94E+00	0.00E+00	0.00E+00	-4.87E+00	0.00E+00	-1.12E+00	0.00E+00	-6.82E-09	-4.34E-08	-3.02E-03	0.00E+00	-8.01E-01	0.00E+00	-1.12E+00	-4.68E-05	-1.12E+00	-1.72E+00	-8.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+02
MA440Z	-1.25E-02	-1.27E-01	-1.17E-03	-2.76E-01	0.00E+00	0.00E+00	-3.67E+00	-1.38E-03	1.46E-03	-1.63E-02	0.00E+00	0.00E+00	-5.00E-09	-3.61E-07	-2.97E-03	-2.87E+00	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-4.55E-01	0.00E+00	-7.83E-09	-5.33E-08	-4.15E-03	0.00E+00	-7.95E-01	0.00E+00	-4.55E-01	-4.16E-05	-4.55E-01	-8.39E-01	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MA450Z	-4.99E-02	-3.34E-01	-8.02E-03	-3.42E-01	0.00E+00	0.00E+00	-1.14E+01	-5.41E-03	-2.61E-03	-3.36E-02	0.00E+00	0.00E+00	-8.76E-09	-6.49E-07	-1.05E-02	-5.63E+00	0.00E+00	0.00E+00	-1.07E+01	0.00E+00	-4.46E+00	0.00E+00	-1.85E-08	-1.18E-07	-1.02E-02	0.00E+00	-1.26E+00	0.00E+00	-4.46E+00	-1.72E-04	-4.46E+00	-5.68E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-4.52E+02
MA463Z	-4.51E-02	-3.34E-01	-7.83E-03	-3.62E-01	0.00E+00	0.00E+00	-9.83E+00	-5.40E-03	-2.41E-03	-3.32E-02	0.00E+00	0.00E+00	-8.70E-09	-6.57E-07	-3.68E-03	-6.69E+00	0.00E+00	0.00E+00	-9.19E+00	0.00E+00	-3.62E+00	0.00E+00	-1.84E-08	-1.18E-07	-9.93E-03	0.00E+00	-1.36E+00	0.00E+00	-3.62E+00	-1.60E-04	-3.62E+00	-4.84E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-3.93E+02

MB106A	-6.58E-04	5.87E-03	1.10E-03	2.05E-02	0.00E+00	0.00E+00	-6.91E-02	-1.31E-04	1.03E-04	-5.39E-04	0.00E+00	0.00E+00	-6.18E-10	-1.32E-08	7.99E-04	-7.36E-01	0.00E+00	0.00E+00	-3.76E-01	0.00E+00	-8.73E-02	0.00E+00	1.95E-09	-3.56E-09	-3.22E-04	0.00E+00	-1.05E-01	0.00E+00	-8.73E-02	-2.84E-06	-8.73E-02	-2.16E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
MB110A	-5.57E-04	6.33E-03	9.86E-04	2.17E-02	0.00E+00	0.00E+00	-9.50E-02	-1.02E-04	1.08E-04	-4.49E-04	0.00E+00	0.00E+00	-4.43E-10	-3.34E-09	1.40E-03	-3.62E-01	0.00E+00	0.00E+00	-2.95E-01	0.00E+00	-7.38E-02	0.00E+00	2.33E-09	-3.15E-09	-2.22E-04	0.00E+00	-4.09E-02	0.00E+00	-7.38E-02	-1.76E-06	-7.38E-02	-1.60E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MB113A	-1.28E-03	2.81E-02	1.60E-03	2.20E-02	0.00E+00	0.00E+00	1.03E-01	-1.38E-04	1.27E-04	-7.45E-04	0.00E+00	0.00E+00	-4.72E-10	-1.58E-08	-2.44E-03	-3.18E-01	0.00E+00	0.00E+00	-1.22E-01	0.00E+00	2.51E-01	0.00E+00	2.90E-09	-3.80E-09	-2.62E-04	0.00E+00	-8.65E-02	0.00E+00	2.51E-01	-2.61E-06	2.51E-01	1.91E-01	-8.65E-02	0.00E+00	0.00E+00	0.00E+00	-7.04E+00
MB116A	-5.65E-04	4.69E-03	7.68E-04	1.13E-02	0.00E+00	0.00E+00	-1.21E-01	-1.28E-04	1.06E-04	-5.44E-04	0.00E+00	0.00E+00	-4.13E-10	-6.47E-09	1.05E-03	-3.67E-01	0.00E+00	0.00E+00	-3.07E-01	0.00E+00	-1.19E-01	0.00E+00	1.94E-09	-3.66E-09	-2.70E-04	0.00E+00	-4.65E-02	0.00E+00	-1.19E-01	-2.08E-06	-1.19E-01	-1.89E-01	-4.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
MB120A	-9.10E-04	4.58E-03	4.97E-04	1.14E-02	0.00E+00	0.00E+00	-1.81E-01	-1.36E-04	1.05E-04	-6.25E-04	0.00E+00	0.00E+00	-4.77E-10	-8.43E-09	9.60E-04	-3.97E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-1.35E-01	0.00E+00	1.80E-09	-4.15E-09	-2.66E-04	0.00E+00	-4.29E-02	0.00E+00	-1.35E-01	-2.54E-06	-1.35E-01	-2.06E-01	-4.29E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
MB125A	-1.66E-03	3.86E-02	2.63E-03	4.73E-02	0.00E+00	0.00E+00	2.20E-01	-1.79E-04	2.08E-04	-6.03E-04	0.00E+00	0.00E+00	-3.53E-10	-4.01E-08	-1.12E-03	-1.18E-01	0.00E+00	0.00E+00	-9.80E-02	0.00E+00	2.53E-01	0.00E+00	6.03E-09	-5.04E-09	-1.02E-04	0.00E+00	-1.40E-02	0.00E+00	2.53E-01	-2.23E-06	2.53E-01	1.83E-01	-1.40E-02	0.00E+00	0.00E+00	0.00E+00	-5.97E+00
MB132A	-9.12E-03	6.19E-03	1.05E-03	2.74E-02	0.00E+00	0.00E+00	-1.69E+00	-1.05E-03	1.91E-05	-4.53E-03	0.00E+00	0.00E+00	-1.17E-09	-1.31E-07	-1.31E-03	-8.33E-01	0.00E+00	0.00E+00	-1.60E+00	0.00E+00	-1.74E-01	0.00E+00	2.57E-09	-1.63E-08	-1.32E-03	0.00E+00	-1.50E-01	0.00E+00	-1.74E-01	-2.97E-05	-1.74E-01	-3.65E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-7.14E+01
MB140A	-8.61E-03	9.44E-03	1.06E-03	3.07E-02	0.00E+00	0.00E+00	-1.71E+00	-1.04E-03	3.55E-05	-4.24E-03	0.00E+00	0.00E+00	-1.17E-09	-1.25E-07	-1.44E-03	-8.44E-01	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-1.83E-01	0.00E+00	2.60E-09	-1.56E-08	-1.25E-03	0.00E+00	-1.49E-01	0.00E+00	-1.83E-01	-2.77E-05	-1.83E-01	-3.71E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
MB150A	-8.03E-03	-1.38E-01	-7.18E-04	-9.12E-02	0.00E+00	0.00E+00	-1.36E+00	-8.11E-04	-7.46E-05	-3.43E-03	0.00E+00	0.00E+00	-1.19E-09	-7.97E-08	-3.67E-03	-1.18E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-7.40E-01	0.00E+00	-9.60E-10	-1.42E-08	-1.37E-03	0.00E+00	-2.76E-01	0.00E+00	-7.40E-01	-2.16E-05	-7.40E-01	-1.16E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
MB163A	-5.33E-03	-1.13E-01	-6.39E-04	-7.71E-02	0.00E+00	0.00E+00	-1.12E+00	-7.04E-04	3.03E-04	-3.11E-03	0.00E+00	0.00E+00	-1.07E-09	-7.35E-08	-3.74E-03	-8.69E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-6.92E-01	0.00E+00	9.05E-11	-1.08E-08	-1.02E-03	0.00E+00	-2.45E-01	0.00E+00	-6.92E-01	-2.04E-05	-6.92E-01	-1.13E+00	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MB197	4.52E-04	1.15E-01	2.97E-03	1.12E-01	0.00E+00	0.00E+00	6.94E-01	-1.40E-05	3.09E-04	9.24E-04	0.00E+00	0.00E+00	-7.49E-11	2.14E-09	-2.03E-03	2.23E-03	0.00E+00	0.00E+00	2.64E-01	0.00E+00	7.46E-01	0.00E+00	7.70E-09	1.80E-09	1.98E-04	0.00E+00	1.83E-02	0.00E+00	7.46E-01	-5.48E-07	7.46E-01	7.64E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	7.99E+00
MB199	-2.77E-03	2.92E-02	1.90E-03	2.73E-02	0.00E+00	0.00E+00	-4.43E-03	-3.00E-04	-8.43E-05	-1.16E-03	0.00E+00	0.00E+00	-2.47E-10	-3.36E-08	3.56E-03	-7.60E-01	0.00E+00	0.00E+00	-6.13E-02	0.00E+00	5.80E-01	0.00E+00	4.88E-09	-3.13E-09	-3.36E-04	0.00E+00	-6.58E-02	0.00E+00	5.80E-01	-8.56E-06	5.80E-01	5.14E-01	-6.58E-02	0.00E+00	0.00E+00	0.00E+00	-6.24E+00
MB206A	-4.26E-03	-2.46E-02	2.68E-03	-1.63E-03	0.00E+00	0.00E+00	-1.48E-01	-3.04E-04	1.39E-04	-2.08E-03	0.00E+00	0.00E+00	-1.43E-09	-4.14E-08	-7.93E-03	-9.93E-01	0.00E+00	0.00E+00	-7.09E-01	0.00E+00	-1.07E-01	0.00E+00	1.76E-09	-1.11E-08	-8.35E-04	0.00E+00	-1.87E-01	0.00E+00	-1.07E-01	-1.19E-05	-1.07E-01	-1.51E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
MB210A	-4.54E-03	1.27E-02	2.68E-03	1.90E-03	0.00E+00	0.00E+00	5.09E-02	-3.75E-04	1.54E-04	-2.13E-03	0.00E+00	0.00E+00	-1.28E-09	-4.10E-08	-8.73E-03	-9.94E-01	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	3.47E-01	0.00E+00	2.74E-09	-9.73E-09	-7.89E-04	0.00E+00	-2.15E-01	0.00E+00	3.47E-01	-1.21E-05	3.47E-01	2.36E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
MB213A	-5.50E-03	-1.24E-02	2.90E-03	-6.28E-04	0.00E+00	0.00E+00	-2.38E-01	-4.83E-04	1.31E-04	-2.27E-03	0.00E+00	0.00E+00	-1.79E-09	-6.52E-08	-9.18E-03	-1.14E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	2.37E-01	0.00E+00	3.42E-09	-1.32E-08	-1.08E-03	0.00E+00	-2.20E-01	0.00E+00	2.37E-01	-1.69E-05	2.37E-01	1.15E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MB216A	-4.26E-03	1.99E-02	2.52E-03	2.35E-02	0.00E+00	0.00E+00	-3.05E-01	-4.49E-04	1.30E-04	-1.63E-03	0.00E+00	0.00E+00	-1.10E-09	-2.46E-08	-1.42E-03	-1.06E+00	0.00E+00	0.00E+00	-7.46E-01	0.00E+00	1.22E-01	0.00E+00	5.82E-09	-1.02E-08	-8.94E-04	0.00E+00	-1.47E-01	0.00E+00	1.22E-01	-1.29E-05	1.22E-01	1.41E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
MB220A	-4.16E-03	-3.06E-02	1.70E-03	-1.46E-02	0.00E+00	0.00E+00	-3.38E-01	-4.39E-04	1.48E-04	-2.23E-03	0.00E+00	0.00E+00	-1.55E-09	-7.47E-08	-6.87E-03	-1.11E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	1.74E-02	0.00E+00	2.48E-09	-1.44E-08	-7.80E-04	0.00E+00	-2.13E-01	0.00E+00	1.74E-02	-1.32E-05	1.74E-02	-2.00E-01	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
MB225A	-3.95E-03	-2.06E-02	2.46E-03	-2.63E-03	0.00E+00	0.00E+00	-2.75E-01	-4.23E-04	2.61E-04	-1.97E-03	0.00E+00	0.00E+00	-1.43E-09	-6.32E-08	-3.29E-03	-6.47E-01	0.00E+00	0.00E+00	-9.57E-01	0.00E+00	-5.04E-02	0.00E+00	4.53E-09	-1.45E-08	-7.20E-04	0.00E+00	-1.19E-01	0.00E+00	-5.04E-02	-1.38E-05	-5.04E-02	-3.23E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+01
MB232A	-9.99E-03	1.69E-02	1.64E-03	-1.09E-02	0.00E+00	0.00E+00	-2.17E+00	-1.17E-03	3.00E-04	-5.14E-03	0.00E+00	0.00E+00	-2.35E-09	-1.32E-07	-2.93E-03	-1.49E+00	0.00E+00	0.00E+00	-2.10E+00	0.00E+00	-6.15E-01	0.00E+00	2.24E-09	-2.61E-08	-2.29E-03	0.00E+00	-3.75E-01	0.00E+00	-6.15E-01	-3.47E-05	-6.15E-01	-8.58E-01	-3.75E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
MB240A	-8.50E-03	4.87E-02	2.66E-03	8.83E-04	0.00E+00	0.00E+00	-1.91E+00	-1.46E-03	7.50E-04	-3.05E-03	0.00E+00	0.00E+00	-2.00E-09	-8.34E-08	-3.04E-03	-1.49E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-2.66E-01	0.00E+00	3.22E-09	-2.64E-08	-2.30E-03	0.00E+00	-3.71E-01	0.00E+00	-2.66E-01	-4.43E-05	-2.66E-01	-6.40E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.76E+01
MB250A	-1.18E-02	-2.58E-01	-3.70E-05	-1.69E-01	0.00E+00	0.00E+00	-1.17E+00	-1.03E-03	8.53E-04	-6.88E-03	0.00E+00	0.00E+00	-2.68E-09	-1.07E-07	-7.12E-03	-3.21E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-1.52E+00	0.00E+00	-9.93E-09	-3.23E-08	-1.61E-03	0.00E+00	-5.22E-01	0.00E+00	-1.52E+00	-3.18E-05	-1.52E+00	-2.05E+00	-5.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
MB263A	-2.17E-02	-2.43E-01	-2.07E-03	-1.40E-01	0.00E+00	0.00E+00	-1.53E+00	-1.46E-03	9.64E-04	-1.12E-02	0.00E+00	0.00E+00	-3.42E-09	-1.37E-07	-4.25E-03	-2.95E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-1.38E+00	0.00E+00	-9.98E-09	-4.90E-08	-2.27E-03	0.00E+00	-5.44E-01	0.00E+00	-1.38E+00	-4.60E-05	-1.38E+00	-2.02E+00	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
MB306A	-5.73E-03	-8.13E-02	3.35E-03	-5.46E-02	0.00E+00	0.00E+00	-1.83E-01	-5.62E-04	1.41E-04	-4.07E-03	0.00E+00	0.00E+00	-1.56E-09	-7.12E-08	-7.19E-03	-1.40E+00	0.00E+00	0.00E+00	-8.73E-01	0.00E+00	-9.35E-02	0.00E+00	3.49E-09	-1.86E-08	-1.30E-03	0.00E+00	-2.32E-01	0.00E+00	-9.35E-02	-1.77E-05	-9.35E-02	-1.02E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-4.03E+01
MB310A	-5.54E-03	-1.13E-01	2.51E-03	-9.72E-02	0.00E+00	0.00E+00	-4.32E-01	-4.75E-04	2.03E-04	-4.11E-03	0.00E+00	0.00E+00	-2.04E-09	-5.94E-08	-1.31E-02	-1.47E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	3.91E-02	0.00E+00	1.16E-09	-2.32E-08	-1.35E-03	0.00E+00	-3.13E-01	0.00E+00	3.91E-02	-1.71E-05	3.91E-02	-1.74E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.80E+01
MB313A	-7.52E-03	-1.13E-01	1.64E-03	-1.01E-01	0.00E+00	0.00E+00	-5.40E-01	-7.00E-04	1.73E-04	-4.34E-03	0.00E+00	0.00E+00	-2.59E-09	-7.85E-08	-1.14E-02	-1.45E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-1.81E-01	0.00E+00	2.08E-10	-2.87E-08	-1.39E-03	0.00E+00	-3.19E-01	0.00E+00	-1.81E-01	-1.72E-05	-1.81E-01	-4.89E-01	-3.19E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
MB316A	-4.51E-03	6.25E-02	2.52E-03	5.99E-02	0.00E+00	0.00E+00	-4.78E-01	-5.74E-04	1.45E-04	-2.26E-03	0.00E+00	0.00E+00	-1.22E-09	-7.52E-08	5.15E-04	-1.34E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-2.27E-01	0.00E+00	1.06E-08	-1.58E-08	-1.01E-03	0.00E+00	-2.24E-01	0.00E+00	-2.27E-01	-1.49E-05	-2.27E-01	-1.99E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
MB320A	-1.18E-02	-1.09E-01	1.23E-03	-1.03E-01	0.00E+00	0.00E+00	-4.12E-01	-1.00E-03	1.37E-04	-4.91E-03	0.00E+00	0.00E+00	-2.34E-09	-1.06E-07	-1.15E-02	-1.48E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.29E-01	0.00E+00	7.95E-10	-3.12E-08	-1.21E-03	0.00E+00	-2.91E-01	0.00E+00	-1.29E-01	-1.77E-05	-1.29E-01	-5.19E-01	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
MB325A	-1.29E-02	1.88E-02	3.74E-03	1.43E-02	0.00E+00	0.00E+00	1.40E-02	-1.32E-03	3.17E-04	-2.71E-03	0.00E+00	0.00E+00	-1.60E-09	-8.05E-08	-9.91E-03	-1.35E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	4.20E-01	0.00E+00	6.89E-09	-3.23E-08	-8.80E-04	0.00E+00	-2.30E-01	0.00E+00	4.20E-01	-1.10E-05	4.20E-01	-3.82E-03	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
MB332A	-1.93E-02	-1.74E-01	-2.06E-04	-5.19E-02	0.00E+00	0.00E+00	-3.34E+00	-2.19E-03	4.34E-04	-7.56E-03	0.00E+00	0.00E+00	-4.42E-09	-2.63E-07	-5.42E-03	-1.97E+00	0.00E+00	0.00E+00	-3.53E+00	0.00E+00	-8.11E-01	0.00E+00	-2.75E-09	-5.58E-08	-4.06E-03	0.00E+00	-6.63E-01	0.00E+00	-8.11E-01	-5.11E-05	-8.11E-01	-1.06E+00	-6.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MB340A	-2.25E-02	-1.78E-01	-1.56E-03	-2.98E-01	0.00E+00	0.00E+00	-5.63E+00	-1.96E-03	-6.98E-04	-1.17E-02	0.00E+00	0.00E+00	-5.00E-09	-2.93E-07	-8.37E-03	-2.45E+00	0.00E+00	0.00E+00	-5.21E+00	0.00E+00	-2.51E+00	0.00E+00	-6.23E-09	-5.45E-08	-4.28E-03	0.00E+00	-6.79E-01	0.00E+00	-2.51E+00	-4.80E-05	-2.51E+00	-2.95E+00	-6.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
MB350A	-3.96E-02	-3.33E-01	-6.33E-03	-2.61E-01	0.00E+00	0.00E+00	-6.22E+00	-3.91E-03	-8.88E-04	-2.36E-02	0.00E+00	0.00E+00	-5.38E-09	-4.47E-07	-8.84E-03	-4.90E+00	0.00E+00	0.00E+00	-6.34E+00	0.00E+00	-3.14E+00	0.00E+00	-1.72E-08	-8.89E-08	-6.45E-03	0.00E+00	-9.70E-01	0.00E+00	-3.14E+00	-1.23E-04	-3.14E+00	-4.72E+00	-9.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+02
MB363A	-4.49E-02	-3.82E-01	-7.99E-03	-3.56E-01	0.00E+00	0.00E+00	-1.02E+01	-4.71E-03	-1.69E-03	-2.71E-02	0.00E+00	0.00E+00	-6.38E-09	-5.29E-07	-8.63E-03	-5.65E+00	0.00E+00	0.00E+00	-8.74E+00	0.00E+00	-4.36E+00	0.00E+00	-1.90E-08	-9.77E-08	-6.71E-03	0.00E+00	-1.13E+00	0.00E+00	-4.36E+00	-1.33E-04	-4.36E+00	-5.93E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+02
MB406A	-1.15E-02	-1.20E-01	1.52E-03	-2.69E-02	0.00E+00	0.00E+00	-1.52E+00	-1.39E-03	-4.05E-04	-6.96E-03	0.00E+00	0.00E+00	-2.20E-09	-1.00E-07	-1.60E-03	-1.94E+00	0.00E+00	0.00E+00	-2.05E+00	0.00E+00	-6.91E-01	0.00E+00	-6.90E-11	-2.51E-08	-1.96E-03	0.00E+00	-3.31E-01	0.00E+00	-6.91E-01	-2.94E-05	-6.91E-01	-8.62E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.04E+01
MB410A	-1.08E-02	-1.33E-01	4.61E-04	-7.19E-02	0.00E+00	0.00E+00	-1.95E+00	-1.35E-03	-2.70E-04	-6.63E-03	0.00E+00	0.00E+00	-3.06E-09	-1.05E-07	-4.41E-03	-1.88E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-1.20E+00	0.00E+00	-5.11E-10	-3.42E-08	-2.36E-03	0.00E+00	-4.07E-01	0.00E+00	-1.20E+00	-3.07E-05	-1.20E+00	-1.42E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MB413A	-1.06E-02	-7.86E-02	1.49E-03	-6.17E-02	0.00E+00	0.00E+00	-1.95E+00	-1.35E-03	2.92E-05	-6.13E-03	0.00E+00	0.00E+00	-2.75E-09	-1.31E-07	-4.72E-03	-1.54E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-7.76E-01	0.00E+00	1.02E-09	-2.90E-08	-1.53E-03	0.00E+00	-1.45E-01	0.00E+00	-7.76E-01	-3.02E-05	-7.76E-01	-1.03E+00	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MB416A	-1.70E-02	-5.58E-02	2.13E-03	3.04E-03	0.00E+00	0.00E+00	-2.03E+00	-1.46E-03	-1.17E-04	-6.24E-03	0.00E+00	0.00E+00	-3.21E-09	-2.03E-07	-1.72E-03	-1.73E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-1.82E-01	0.00E+00	1.15E-08	-2.92E-08	-2.72E-03	0.00E+00	-3.41E-01	0.00E+00	-1.82E-01	-5.21E-05	-1.82E-01	-1.62E-01	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
MB420A	-1.04E-02	-4.26E-02	1.68E-03	3.84E-02	0.00E+00	0.00E+00	-1.09E+00	-1.37E-03	3.61E-04	-5.98E-03	0.00E+00	0.00E+00	-2.44E-09	-1.33E-07	-1.01E-03	-1.54E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	4.18E-02	0.00E+00	2.70E-09	-2.67E-08	-1.48E-03	0.00E+00	-1.88E-01	0.00E+00	4.18E-02	-2.87E-05	4.18E-02	-1.24E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-8.35E+01
MB425A	-1.53E-02	-3.92E-03	2.96E-04	-5.62E-03	0.00E+00	0.00E+00	-2.84E+00	-1.89E-03	-2.85E-04	-8.36E-03	0.00E+00	0.00E+00	-4.19E-09	-2.14E-07	-1.30E-02	-1.91E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-5.84E-01	0.00E+00	2.15E-09	-3.89E-08	-3.73E-03	0.00E+00	-4.85E-01	0.00E+00	-5.84E-01	-4.23E-05	-5.84E-01	-6.27E-01	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MB432A	-1.35E-02	-1.07E-01	-1.53E-03	-9.83E-02	0.00E+00	0.00E+00	-4.48E+00	-1.70E-03	1.53E-03	-6.60E-03	0.00E+00	0.00E+00	-5.79E-09	-1.90E-07	-7.27E-03	-2.83E+00	0.00E+00	0.00E+00	-5.15E+00	0.00E+00	-1.40E+00	0.00E+00	-6.76E-09	-3.49E-08	-2.88E-03	0.00E+00	-6.83E-01	0.00E+00	-1.40E+00	-4.45E-05	-1.40E+00	-2.16E+00	-6.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
MB440A	-1.24E-02	-1.05E-01	-8.31E-04	-2.63E-01	0.00E+00	0.00E+00	-3.69E+00	-1.48E-03	1.46E-03	-1.59E-02	0.00E+00	0.00E+00	-4.80E-09	-3.49E-07	-4.10E-03	-2.78E+00	0.00E+00	0.00E+00	-3.72E+00	0.00E+00	-6.21E-01	0.00E+00	-8.21E-09	-5.03E-08	-4.14E-03	0.00E+00	-7.14E-01	0.00E+00	-6.21E-01	-4.14E-05	-6.21E-01	-1.30E+00	-7.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MB450A	-4.99E-02	-3.36E-01	-7.64E-03	-3.71E-01	0.00E+00	0.00E+00	-1.13E+01	-5.45E-03	-2.60E-03	-3.43E-02	0.00E+00	0.00E+00	-8.76E-09	-6.57E-07	-1.12E-02	-6.93E+00	0.00E+00	0.00E+00	-1.07E+01	0.00E+00	-4.58E+00	0.00E+00	-1.94E-08	-1.19E-07	-1.02E-02	0.00E+00	-1.43E+00	0.00E+00	-4.58E+00	-1.70E-04	-4.58E+00	-5.86E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-4.52E+02
MB463A	-4.53E-02	-3.39E-01	-7.45E-03	-3.71E-01	0.00E+00	0.00E+00	-1.02E+01	-5.49E-03	-2.42E-03	-3.38E-02	0.00E+00	0.00E+00	-8.73E-09	-6.70E-07	-3.88E-03	-6.68E+00	0.00E+00	0.00E+00	-9.44E+00	0.00E+00	-3.88E+00	0.00E+00	-1.95E-08	-1.19E-07	-1.00E-02	0.00E+00	-1.37E+00	0.00E+00	-3.88E+00	-1.58E-04	-3.88E+00	-5.22E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-4.00E+02
MB506A	-4.13E-03	2.07E-02	3.12E-03	-4.29E-03	0.00E+00	0.00E+00	5.26E-03	-2.82E-04	2.07E-04	-1.87E-03	0.00E+00	0.00E+00	-1.21E-09	-3.59E-08	-7.68E-03	-9.80E-01	0.00E+00	0.00E+00	-6.81E-01	0.00E+00	1.76E-01	0.00E+00	2.72E-09	-1.00E-08	-7.53E-04	0.00E+00	-2.09E-01	0.00E+00	1.76E-01	-1.08E-05	1.76E-01	1.13E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
MB510A	-4.49E-03	3.25E-02	3.68E-03	-2.92E-03	0.00E+00	0.00E+00	2.02E-02	-3.75E-04	2.33E-04	-1.81E-03	0.00E+00	0.00E+00	-1.25E-09	-4.46E-08	-9.32E-03	-9.95E-01	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	2.12E-01	0.00E+00	3.24E-09	-1.01E-08	-8.28E-04	0.00E+00	-2.04E-01	0.00E+00	2.12E-01	-1.21E-05	2.12E-01	1.82E-02	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
MB513A	-5.19E-03	5.78E-03	3.87E-03	2.08E-02	0.00E+00	0.00E+00	-1.36E-01	-4.66E-04	2.41E-04	-2.14E-03	0.00E+00	0.00E+00	-1.75E-09	-3.70E-08	-8.73E-03	-1.11E+00	0.00E+00	0.00E+00	-8.73E-01	0.00E+00	7.27E-02	0.00E+00	5.65E-09	-1.39E-08	-1.05E-03	0.00E+00	-1.76E-01	0.00E+00	7.27E-02	-1.59E-05	7.27E-02	-1.73E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
MB516A	-4.15E-03	1.35E-02	4.03E-03	3.39E-02	0.00E+00	0.00E+00	-5.13E-02	-4.45E-04	3.18E-04	-1.51E-03	0.00E+00	0.00E+00	-1.33E-09	-3.43E-08	-5.64E-03	-6.99E-01	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	-3.79E-02	0.00E+00	6.03E-09	-1.17E-08	-6.83E-04	0.00E+00	-1.07E-01	0.00E+00	-3.79E-02	-1.22E-05	-3.79E-02	-1.78E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MB520A	-3.63E-03	6.87E-02	3.90E-03	3.41E-02	0.00E+00	0.00E+00	3.74E-02	-3.84E-04	3.43E-04	-1.57E-03	0.00E+00	0.00E+00	-7.80E-10	-3.74E-08	-4.32E-03	-6.77E-01	0.00E+00	0.00E+00	-4.46E-01	0.00E+00	8.36E-02	0.00E+00	5.02E-09	-1.30E-08	-7.77E-04	0.00E+00	-8.93E-02	0.00E+00	8.36E-02	-1.36E-05	8.36E-02	-7.02E-02	-8.93E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
MB525A	-5.81E-03	4.58E-02	3.86E-03	3.48E-02	0.00E+00	0.00E+00	-3.67E-01	-5.81E-04	2.41E-04	-4.12E-03	0.00E+00	0.00E+00	-1.51E-09	-2.75E-08	1.37E-03	-7.32E-01	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-2.75E-01	0.00E+00	5.30E-09	-2.22E-08	-1.05E-03	0.00E+00	-9.45E-02	0.00E+00	-2.75E-01	-2.33E-05	-2.75E-01	-2.59E-01	-9.45E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MB532A	-1.34E-02	5.72E-02	3.02E-03	4.00E-02	0.00E+00	0.00E+00	-1.64E+00	-1.01E-03	2.12E-04	-4.48E-03	0.00E+00	0.00E+00	-1.74E-09	-1.23E-07	-5.17E-04	-8.45E-01	0.00E+00	0.00E+00	-1.75E+00	0.00E+00	-4.98E-01	0.00E+00	5.00E-09	-2.39E-08	-9.02E-04	0.00E+00	-1.13E-01	0.00E+00	-4.98E-01	-3.24E-05	-4.98E-01	-7.56E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-7.77E+01
MB540A	-1.53E-02	5.75E-02	2.25E-03	2.25E-03	0.00E+00	0.00E+00	-2.41E+00	-1.61E-03	5.42E-04	-4.30E-03	0.00E+00	0.00E+00	-2.32E-09	-2.07E-07	-5.06E-03	-1.76E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-4.32E-01	0.00E+00	4.52E-09	-3.29E-08	-2.52E-03	0.00E+00	-3.88E-01	0.00E+00	-4.32E-01	-2.91E-05	-4.32E-01	-8.14E-01	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MB563A	-1.86E-02	-2.34E-01	-1.62E-03	-1.09E-01	0.00E+00	0.00E+00	-9.84E-01	-1.14E-03	1.30E-03	-1.03E-02	0.00E+00	0.00E+00	-3.22E-09	-1.02E-07	-3.80E-03	-2.92E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.26E+00	0.00E+00	-9.25E-09	-4.19E-08	-1.99E-03	0.00E+00	-5.04E-01	0.00E+00	-1.26E+00	-3.68E-05	-1.26E+00	-1.79E+00	-5.04E-01	0.00E+00	0.00E+00	0.00E+00	-6.06E+01
MBA106	-2.94E-03	5.18E-03	6.02E-04	2.79E-02	0.00E+00	0.00E+00	-4.89E-01	-2.60E-04	8.02E-05	-1.22E-03	0.00E+00	0.00E+00	-7.28E-10	-3.96E-08	2.10E-04	-4.36E-01	0.00E+00	0.00E+00	-6.10E-01	0.00E+00	-1.56E-01	0.00E+00	2.23E-09	-6.34E-09	-3.67E-04	0.00E+00	-5.45E-02	0.00E+00	-1.56E-01	-6.15E-06	-1.56E-01	-2.85E-01	-5.45E-02	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
MBA110	-2.71E-03	8.06E-03	6.09E-04	2.24E-02	0.00E+00	0.00E+00	-4.34E-01	-2.31E-04	3.47E-05	-1.11E-03	0.00E+00	0.00E+00	-7.21E-10	-2.81E-08	-1.26E-04	-4.91E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-1.13E-01	0.00E+00	2.39E-09	-5.94E-09	-3.63E-04	0.00E+00	-5.90E-02	0.00E+00	-1.13E-01	-5.17E-06	-1.13E-01	-2.33E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
MBA113	-2.68E-03	9.88E-03	6.63E-04	2.71E-02	0.00E+00	0.00E+00	-4.53E-01	-2.28E-04	8.02E-05	-1.10E-03	0.00E+00	0.00E+00	-4.38E-10	-2.94E-08	5.01E-04	-4.66E-01	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-8.68E-02	0.00E+00	2.38E-09	-5.85E-09	-3.62E-04	0.00E+00	-5.27E-02	0.00E+00	-8.68E-02	-5.71E-06	-8.68E-02	-2.37E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
MBA116	-2.54E-03	5.19E-03	6.06E-04	1.11E-02	0.00E+00	0.00E+00	-5.11E-01	-2.50E-04	9.19E-05	-1.12E-03	0.00E+00	0.00E+00	-7.67E-10	-2.22E-08	1.68E-04	-4.66E-01	0.00E+00	0.00E+00	-6.33E-01	0.00E+00	-1.47E-01	0.00E+00	2.09E-09	-6.94E-09	-3.82E-04	0.00E+00	-5.93E-02	0.00E+00	-1.47E-01	-5.21E-06	-1.47E-01	-3.19E-01	-5.93E-02	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
MBA120	-4.90E-03	9.99E-03	6.49E-04	2.33E-02	0.00E+00	0.00E+00	-7.95E-01	-5.00E-04	1.19E-05	-2.17E-03	0.00E+00	0.00E+00	-8.49E-10	-8.00E-08	1.87E-04	-6.99E-01	0.00E+00	0.00E+00	-8.42E-01	0.00E+00	-1.05E-01	0.00E+00	2.44E-09	-8.88E-09	-5.93E-04	0.00E+00	-7.26E-02	0.00E+00	-1.05E-01	-1.58E-05	-1.05E-01	-2.40E-01	-7.26E-02	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
MBA125	-4.01E-03	5.28E-03	6.38E-04	1.59E-02	0.00E+00	0.00E+00	-7.84E-01	-3.45E-04	7.51E-05	-1.98E-03	0.00E+00	0.00E+00	-7.15E-10	-4.70E-08	3.68E-04	-4.52E-01	0.00E+00	0.00E+00	-7.36E-01	0.00E+00	-1.47E-01	0.00E+00	2.12E-09	-7.94E-09	-4.84E-04	0.00E+00	-5.36E-02	0.00E+00	-1.47E-01	-9.56E-06	-1.47E-01	-2.99E-01	-5.36E-02	0.00E+00	0.00E+00	0.00E+00	-3.62E+01
MBA132	-6.02E-03	8.92E-03	4.74E-04	2.97E-02	0.00E+00	0.00E+00	-1.09E+00	-5.70E-04	2.99E-05	-3.34E-03	0.00E+00	0.00E+00	-1.03E-09	-9.07E-08	6.36E-04	-8.48E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-8.04E-02	0.00E+00	2.48E-09	-1.11E-08	-8.01E-04	0.00E+00	-9.37E-02	0.00E+00	-8.04E-02	-1.94E-05	-8.04E-02	-2.65E-01	-9.37E-02	0.00E+00	0.00E+00	0.00E+00	-4.84E+01
MBA150	-2.85E-03	3.60E-02	2.40E-03	4.26E-02	0.00E+00	0.00E+00	-5.12E-02	-4.75E-04	2.09E-04	-1.13E-03	0.00E+00	0.00E+00	-7.58E-10	-4.45E-08	5.56E-04	-7.31E-01	0.00E+00	0.00E+00	-1.70E-01	0.00E+00	3.93E-01	0.00E+00	7.39E-09	-6.04E-09	-4.19E-04	0.00E+00	-1.52E-01	0.00E+00	3.93E-01	-1.56E-05	3.93E-01	2.16E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-9.36E+00
MBA163	-1.20E-03	6.22E-03	2.53E-03	3.15E-02	0.00E+00	0.00E+00	-6.68E-02	-2.65E-04	2.91E-04	-5.31E-04	0.00E+00	0.00E+00	-5.58E-10	-8.93E-09	-3.50E-04	-4.33E-01	0.00E+00	0.00E+00	-1.79E-01	0.00E+00	-6.60E-02	0.00E+00	3.23E-09	-5.19E-09	-4.71E-04	0.00E+00	-7.40E-02	0.00E+00	-6.60E-02	-6.85E-06	-6.60E-02	-1.22E-01	-7.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
MBA206	-5.60E-03	-1.03E-02	4.71E-04	8.28E-03	0.00E+00	0.00E+00	-1.80E+00	-4.97E-04	-1.53E-04	-3.28E-03	0.00E+00	0.00E+00	-2.17E-09	-1.37E-07	-5.27E-03	-1.07E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-4.07E-01	0.00E+00	2.05E-09	-1.38E-08	-7.15E-04	0.00E+00	-1.99E-01	0.00E+00	-4.07E-01	-3.43E-05	-4.07E-01	-4.28E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
MBA210	-5.82E-03	-1.52E-02	6.61E-04	-1.85E-02	0.00E+00	0.00E+00	-1.57E+00	-5.13E-04	-1.17E-04	-3.44E-03	0.00E+00	0.00E+00	-2.27E-09	-1.34E-07	-6.49E-03	-2.08E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-4.67E-01	0.00E+00	2.32E-09	-1.47E-08	-8.27E-04	0.00E+00	-3.73E-01	0.00E+00	-4.67E-01	-3.59E-05	-4.67E-01	-6.66E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
MBA216	-6.09E-03	-3.96E-02	3.97E-04	-3.73E-02	0.00E+00	0.00E+00	-1.77E+00	-5.52E-04	-1.51E-04	-4.08E-03	0.00E+00	0.00E+00	-2.61E-09	-1.48E-07	-6.51E-03	-1.91E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-6.82E-01	0.00E+00	1.06E-09	-1.87E-08	-1.04E-03	0.00E+00	-3.72E-01	0.00E+00	-6.82E-01	-4.10E-05	-6.82E-01	-1.23E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-9.06E+01
MBA220	-7.18E-03	-2.07E-02	4.78E-04	-1.39E-02	0.00E+00	0.00E+00	-2.32E+00	-6.18E-04	-2.70E-04	-4.21E-03	0.00E+00	0.00E+00	-2.51E-09	-1.67E-07	-5.63E-03	-1.26E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-6.71E-01	0.00E+00	1.47E-09	-1.87E-08	-9.89E-04	0.00E+00	-2.11E-01	0.00E+00	-6.71E-01	-4.77E-05	-6.71E-01	-1.23E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
MBA225	-5.10E-03	-1.11E-02	1.11E-03	-4.39E-03	0.00E+00	0.00E+00	-2.02E+00	-4.38E-04	2.78E-05	-3.10E-03	0.00E+00	0.00E+00	-2.42E-09	-1.56E-07	-5.29E-03	-1.04E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	-6.31E-01	0.00E+00	1.80E-09	-1.60E-08	-7.55E-04	0.00E+00	-2.49E-01	0.00E+00	-6.31E-01	-5.11E-05	-6.31E-01	-1.02E+00	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MBA232	-4.28E-03	1.33E-02	3.25E-03	-5.41E-02	0.00E+00	0.00E+00	-5.92E-01	-5.39E-04	3.23E-04	-2.60E-03	0.00E+00	0.00E+00	-2.23E-09	-1.53E-08	-1.53E-03	-1.93E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-2.56E-01	0.00E+00	6.05E-09	-1.60E-08	-1.19E-03	0.00E+00	-3.57E-01	0.00E+00	-2.56E-01	-1.73E-05	-2.56E-01	-6.00E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.92E+01
MBA240	-9.54E-03	-1.87E-02	5.10E-04	-8.81E-03	0.00E+00	0.00E+00	-2.41E+00	-5.84E-04	-1.95E-04	-4.65E-03	0.00E+00	0.00E+00	-2.45E-09	-1.98E-07	-4.58E-03	-1.07E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-4.73E-01	0.00E+00	1.90E-09	-2.03E-08	-1.01E-03	0.00E+00	-2.55E-01	0.00E+00	-4.73E-01	-5.93E-05	-4.73E-01	-7.36E-01	-2.55E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
MBA250	-1.04E-02	1.96E-02	-1.32E-04	1.81E-02	0.00E+00	0.00E+00	-3.32E+00	-1.03E-03	-1.78E-04	-6.23E-03	0.00E+00	0.00E+00	-2.64E-09	-2.37E-07	-4.27E-03	-1.49E+00	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	-5.64E-01	0.00E+00	2.13E-09	-2.25E-08	-1.70E-03	0.00E+00	-3.57E-01	0.00E+00	-5.64E-01	-6.41E-05	-5.64E-01	-8.85E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
MBA263	-1.58E-02	1.82E-02	-1.19E-03	-1.43E-02	0.00E+00	0.00E+00	-4.06E+00	-1.86E-03	5.81E-05	-8.16E-03	0.00E+00	0.00E+00	-3.60E-09	-2.76E-07	-4.00E-03	-1.53E+00	0.00E+00	0.00E+00	-3.51E+00	0.00E+00	-7.56E-01	0.00E+00	2.61E-09	-3.06E-08	-2.81E-03	0.00E+00	-4.69E-01	0.00E+00	-7.56E-01	-7.50E-05	-7.56E-01	-1.06E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MBA306	-8.95E-03	-7.70E-02	-1.91E-03	-6.60E-02	0.00E+00	0.00E+00	-2.13E+00	-7.83E-04	-1.21E-04	-5.20E-03	0.00E+00	0.00E+00	-3.13E-09	-1.35E-07	-2.24E-02	-1.71E+00	0.00E+00	0.00E+00	-2.51E+00	0.00E+00	-1.27E+00	0.00E+00	2.17E-09	-2.63E-08	-1.59E-03	0.00E+00	-3.61E-01	0.00E+00	-1.27E+00	-4.31E-05	-1.27E+00	-1.68E+00	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MBA310	-9.15E-03	-1.19E-01	-2.03E-03	-1.24E-01	0.00E+00	0.00E+00	-2.30E+00	-7.42E-04	-1.31E-04	-5.36E-03	0.00E+00	0.00E+00	-3.46E-09	-1.34E-07	-2.25E-02	-2.21E+00	0.00E+00	0.00E+00	-3.01E+00	0.00E+00	-1.74E+00	0.00E+00	7.39E-10	-2.86E-08	-1.72E-03	0.00E+00	-4.99E-01	0.00E+00	-1.74E+00	-4.72E-05	-1.74E+00	-2.13E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MBA313	-7.78E-03	-1.25E-01	-1.90E-03	-1.03E-01	0.00E+00	0.00E+00	-2.21E+00	-7.07E-04	-1.27E-04	-5.58E-03	0.00E+00	0.00E+00	-2.80E-09	-1.51E-07	-2.17E-02	-1.74E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	-1.44E+00	0.00E+00	1.62E-09	-2.52E-08	-1.65E-03	0.00E+00	-4.30E-01	0.00E+00	-1.44E+00	-4.80E-05	-1.44E+00	-1.79E+00	-4.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MBA316	-8.54E-03	-9.33E-02	-1.53E-03	-1.01E-01	0.00E+00	0.00E+00	-2.27E+00	-7.34E-04	1.16E-04	-4.78E-03	0.00E+00	0.00E+00	-2.83E-09	-1.32E-07	-2.01E-02	-1.78E+00	0.00E+00	0.00E+00	-2.71E+00	0.00E+00	-1.46E+00	0.00E+00	1.78E-09	-2.55E-08	-1.65E-03	0.00E+00	-4.28E-01	0.00E+00	-1.46E+00	-5.27E-05	-1.46E+00	-1.82E+00	-4.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MBA320	-1.10E-02	-1.24E-01	-2.13E-03	-1.21E-01	0.00E+00	0.00E+00	-3.22E+00	-1.22E-03	-2.07E-04	-8.12E-03	0.00E+00	0.00E+00	-4.21E-09	-1.10E-07	-2.55E-02	-2.26E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-2.12E+00	0.00E+00	1.61E-09	-3.19E-08	-2.22E-03	0.00E+00	-4.90E-01	0.00E+00	-2.12E+00	-5.20E-05	-2.12E+00	-2.51E+00	-4.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MBA325	-1.97E-02	-7.56E-02	-3.59E-03	-7.41E-02	0.00E+00	0.00E+00	-3.53E+00	-1.69E-03	-4.37E-04	-1.03E-02	0.00E+00	0.00E+00	-4.46E-09	-2.26E-07	-1.97E-02	-2.29E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-1.71E+00	0.00E+00	1.83E-09	-4.00E-08	-3.84E-03	0.00E+00	-5.46E-01	0.00E+00	-1.71E+00	-6.39E-05	-1.71E+00	-2.05E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MBA332	-1.33E-02	1.64E-02	-4.29E-03	5.51E-02	0.00E+00	0.00E+00	-2.34E+00	-1.37E-03	-8.98E-04	-7.34E-03	0.00E+00	0.00E+00	-4.80E-09	-2.98E-07	-1.03E-02	-1.71E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	-5.85E-01	0.00E+00	4.77E-09	-2.40E-08	-4.27E-03	0.00E+00	-3.48E-01	0.00E+00	-5.85E-01	-8.35E-05	-5.85E-01	-1.11E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MBA340	-1.35E-02	-1.37E-02	-4.47E-03	-2.73E-02	0.00E+00	0.00E+00	-2.88E+00	-1.79E-03	-9.51E-04	-9.81E-03	0.00E+00	0.00E+00	-4.26E-09	-2.77E-07	-7.75E-04	-2.53E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-5.61E-01	0.00E+00	3.58E-09	-3.22E-08	-4.01E-03	0.00E+00	-3.91E-01	0.00E+00	-5.61E-01	-7.05E-05	-5.61E-01	-1.13E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MBA350	-2.32E-02	-1.52E-02	-4.70E-03	-6.02E-02	0.00E+00	0.00E+00	-6.17E+00	-3.43E-03	-1.10E-03	-1.76E-02	0.00E+00	0.00E+00	-5.73E-09	-4.08E-07	-1.07E-02	-2.19E+00	0.00E+00	0.00E+00	-4.98E+00	0.00E+00	-8.09E-01	0.00E+00	-4.85E-10	-3.61E-08	-4.35E-03	0.00E+00	-6.24E-01	0.00E+00	-8.09E-01	-1.03E-04	-8.09E-01	-1.42E+00	-6.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MBA363	-2.17E-02	-3.06E-03	-4.97E-03	-9.64E-02	0.00E+00	0.00E+00	-6.63E+00	-3.03E-03	-1.43E-03	-1.95E-02	0.00E+00	0.00E+00	-5.99E-09	-4.26E-07	3.75E-04	-2.26E+00	0.00E+00	0.00E+00	-5.43E+00	0.00E+00	-1.42E+00	0.00E+00	3.95E-09	-4.26E-08	-4.69E-03	0.00E+00	-6.50E-01	0.00E+00	-1.42E+00	-1.07E-04	-1.42E+00	-2.28E+00	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
MBA406	-1.56E-02	-2.17E-01	-5.28E-03	-6.03E-02	0.00E+00	0.00E+00	-3.09E+00	-1.53E-03	-3.25E-04	-8.63E-03	0.00E+00	0.00E+00	-4.01E-09	-1.71E-07	-7.65E-03	-3.24E+00	0.00E+00	0.00E+00	-4.00E+00	0.00E+00	-2.34E+00	0.00E+00	-1.58E-09	-4.38E-08	-3.03E-03	0.00E+00	-6.64E-01	0.00E+00	-2.34E+00	-5.18E-05	-2.34E+00	-2.88E+00	-6.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MBA410	-1.87E-02	-2.53E-01	-4.22E-03	-9.04E-02	0.00E+00	0.00E+00	-3.42E+00	-1.54E-03	-3.02E-04	-1.13E-02	0.00E+00	0.00E+00	-4.22E-09	-1.84E-07	-7.13E-03	-3.26E+00	0.00E+00	0.00E+00	-4.18E+00	0.00E+00	-2.87E+00	0.00E+00	-1.55E-09	-4.84E-08	-3.48E-03	0.00E+00	-6.85E-01	0.00E+00	-2.87E+00	-6.12E-05	-2.87E+00	-3.17E+00	-6.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
MBA416	-2.32E-02	-1.95E-01	-6.40E-03	-7.84E-02	0.00E+00	0.00E+00	-3.39E+00	-1.83E-03	-4.14E-04	-1.09E-02	0.00E+00	0.00E+00	-4.28E-09	-2.27E-07	-5.37E-03	-2.88E+00	0.00E+00	0.00E+00	-3.42E+00	0.00E+00	-2.30E+00	0.00E+00	-1.62E-09	-6.13E-08	-4.98E-03	0.00E+00	-8.18E-01	0.00E+00	-2.30E+00	-6.74E-05	-2.30E+00	-2.41E+00	-8.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MBA420	-2.35E-02	-2.61E-01	-6.44E-03	-8.18E-02	0.00E+00	0.00E+00	-5.49E+00	-1.91E-03	-7.16E-04	-1.40E-02	0.00E+00	0.00E+00	-4.49E-09	-2.75E-07	-7.28E-03	-3.63E+00	0.00E+00	0.00E+00	-5.63E+00	0.00E+00	-2.95E+00	0.00E+00	-7.75E-09	-7.12E-08	-5.38E-03	0.00E+00	-8.80E-01	0.00E+00	-2.95E+00	-7.30E-05	-2.95E+00	-3.42E+00	-8.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
MBA425	-3.04E-02	-1.51E-01	-6.51E-03	-7.97E-02	0.00E+00	0.00E+00	-3.40E+00	-2.68E-03	4.15E-05	-1.03E-02	0.00E+00	0.00E+00	-5.22E-09	-1.94E-07	-6.56E-04	-2.68E+00	0.00E+00	0.00E+00	-3.65E+00	0.00E+00	-2.04E+00	0.00E+00	-6.45E-09	-6.94E-08	-5.01E-03	0.00E+00	-9.92E-01	0.00E+00	-2.04E+00	-4.84E-05	-2.04E+00	-2.51E+00	-9.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MBA432	-3.63E-02	-1.01E-01	-6.31E-03	-1.08E-01	0.00E+00	0.00E+00	-7.33E+00	-3.38E-03	7.49E-04	-1.86E-02	0.00E+00	0.00E+00	-6.13E-09	-3.01E-07	-5.23E-04	-3.31E+00	0.00E+00	0.00E+00	-6.74E+00	0.00E+00	-2.56E+00	0.00E+00	-9.77E-09	-6.56E-08	-4.99E-03	0.00E+00	-1.05E+00	0.00E+00	-2.56E+00	-8.36E-05	-2.56E+00	-3.20E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+02

MBA440	-3.61E-02	-1.24E-01	-6.75E-03	-1.06E-01	0.00E+00	0.00E+00	-7.12E+00	-3.77E-03	1.14E-03	-1.85E-02	0.00E+00	0.00E+00	-5.93E-09	-3.18E-07	-1.28E-03	-3.54E+00	0.00E+00	0.00E+00	-6.65E+00	0.00E+00	-2.50E+00	0.00E+00	-9.06E-09	-6.57E-08	-5.07E-03	0.00E+00	-1.07E+00	0.00E+00	-2.50E+00	-8.14E-05	-2.50E+00	-3.19E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.62E+02
MBA450	-3.58E-02	-1.59E-01	-6.81E-03	-1.60E-01	0.00E+00	0.00E+00	-9.22E+00	-4.06E-03	7.18E-04	-2.30E-02	0.00E+00	0.00E+00	-7.32E-09	-3.75E-07	-4.27E-03	-4.41E+00	0.00E+00	0.00E+00	-8.19E+00	0.00E+00	-3.49E+00	0.00E+00	-9.29E-09	-7.29E-08	-5.32E-03	0.00E+00	-1.12E+00	0.00E+00	-3.49E+00	-8.64E-05	-3.49E+00	-4.34E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-3.47E+02
MBA463	-3.43E-02	-1.64E-01	-6.74E-03	-1.64E-01	0.00E+00	0.00E+00	-8.92E+00	-4.08E-03	8.31E-04	-2.34E-02	0.00E+00	0.00E+00	-7.27E-09	-3.93E-07	-2.11E-03	-4.28E+00	0.00E+00	0.00E+00	-7.94E+00	0.00E+00	-2.93E+00	0.00E+00	-9.29E-09	-7.45E-08	-5.46E-03	0.00E+00	-1.12E+00	0.00E+00	-2.93E+00	-7.47E-05	-2.93E+00	-3.93E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-3.34E+02
MBA510	-5.62E-03	-8.81E-03	9.14E-04	3.06E-03	0.00E+00	0.00E+00	-1.60E+00	-5.23E-04	-2.33E-04	-3.00E-03	0.00E+00	0.00E+00	-2.13E-09	-1.21E-07	-4.76E-03	-1.10E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-3.28E-01	0.00E+00	3.87E-09	-1.31E-08	-7.35E-04	0.00E+00	-1.92E-01	0.00E+00	-3.28E-01	-3.49E-05	-3.28E-01	-6.98E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.43E+01
MBA516	-6.09E-03	-1.40E-02	5.92E-04	4.40E-03	0.00E+00	0.00E+00	-1.80E+00	-5.68E-04	-2.58E-04	-3.71E-03	0.00E+00	0.00E+00	-2.29E-09	-1.35E-07	-4.55E-03	-1.10E+00	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-4.18E-01	0.00E+00	3.28E-09	-1.65E-08	-8.85E-04	0.00E+00	-1.81E-01	0.00E+00	-4.18E-01	-3.81E-05	-4.18E-01	-7.34E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
MBA520	-6.25E-03	-9.46E-03	8.88E-04	5.68E-03	0.00E+00	0.00E+00	-2.00E+00	-6.17E-04	-3.35E-04	-3.69E-03	0.00E+00	0.00E+00	-2.32E-09	-1.54E-07	-4.10E-03	-1.09E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-3.98E-01	0.00E+00	3.94E-09	-1.63E-08	-8.70E-04	0.00E+00	-1.76E-01	0.00E+00	-3.98E-01	-4.28E-05	-3.98E-01	-6.67E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-8.27E+01
MBA525	-4.97E-03	5.07E-03	1.10E-03	1.53E-02	0.00E+00	0.00E+00	-1.95E+00	-4.64E-04	-8.73E-05	-2.78E-03	0.00E+00	0.00E+00	-2.15E-09	-1.45E-07	-4.17E-03	-9.05E-01	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-3.60E-01	0.00E+00	3.42E-09	-1.47E-08	-7.23E-04	0.00E+00	-2.00E-01	0.00E+00	-3.60E-01	-4.25E-05	-3.60E-01	-5.93E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
MBA540	-8.58E-03	-7.33E-03	6.78E-04	7.51E-03	0.00E+00	0.00E+00	-2.40E+00	-6.24E-04	-3.01E-04	-4.27E-03	0.00E+00	0.00E+00	-2.30E-09	-1.89E-07	-3.90E-03	-1.07E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-3.56E-01	0.00E+00	3.94E-09	-1.87E-08	-9.24E-04	0.00E+00	-2.42E-01	0.00E+00	-3.56E-01	-5.26E-05	-3.56E-01	-5.67E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-9.90E+01
MBN006	-1.34E-03	5.40E-03	1.34E-03	5.29E-03	0.00E+00	0.00E+00	-5.70E-02	-1.93E-04	1.37E-04	-6.96E-04	0.00E+00	0.00E+00	-5.52E-10	-1.44E-08	-1.25E-03	-4.05E-01	0.00E+00	0.00E+00	-3.41E-01	0.00E+00	-8.17E-02	0.00E+00	2.37E-09	-4.18E-09	-3.52E-04	0.00E+00	-7.01E-02	0.00E+00	-8.17E-02	-4.65E-06	-8.17E-02	-8.36E-02	-7.01E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
MBN010	-1.45E-03	5.73E-03	1.05E-03	7.11E-03	0.00E+00	0.00E+00	-9.05E-02	-1.58E-04	1.16E-04	-5.25E-04	0.00E+00	0.00E+00	-3.80E-10	-9.90E-09	-3.32E-04	-5.53E-01	0.00E+00	0.00E+00	-2.90E-01	0.00E+00	-4.68E-02	0.00E+00	2.44E-09	-2.45E-09	-3.37E-04	0.00E+00	-8.15E-02	0.00E+00	-4.68E-02	-5.56E-06	-4.68E-02	-5.61E-02	-8.15E-02	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
MBN013	-3.38E-03	-2.48E-02	6.27E-04	-2.54E-02	0.00E+00	0.00E+00	-3.82E-01	-3.45E-04	-1.42E-04	-1.85E-03	0.00E+00	0.00E+00	-5.96E-10	-3.93E-08	1.85E-03	-9.96E-01	0.00E+00	0.00E+00	-5.47E-01	0.00E+00	2.95E-02	0.00E+00	1.63E-09	-6.93E-09	-5.72E-04	0.00E+00	-1.44E-01	0.00E+00	2.95E-02	-1.02E-05	2.95E-02	-1.14E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
MBN016	5.34E-04	1.08E-01	2.73E-03	1.05E-01	0.00E+00	0.00E+00	6.35E-01	-5.63E-06	2.94E-04	9.10E-04	0.00E+00	0.00E+00	-1.26E-10	2.94E-09	4.31E-03	9.29E-03	0.00E+00	0.00E+00	3.04E-01	0.00E+00	7.52E-01	0.00E+00	7.15E-09	1.91E-09	1.90E-04	0.00E+00	5.11E-02	0.00E+00	7.52E-01	-2.88E-07	7.52E-01	8.03E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	9.19E+00
MBN020	-1.63E-03	6.23E-03	1.18E-03	1.34E-02	0.00E+00	0.00E+00	-2.01E-01	-2.00E-04	1.13E-04	-8.08E-04	0.00E+00	0.00E+00	-3.85E-10	-2.87E-08	9.90E-04	-6.06E-01	0.00E+00	0.00E+00	-2.57E-01	0.00E+00	1.82E-02	0.00E+00	2.48E-09	-3.56E-09	-4.39E-04	0.00E+00	-8.02E-02	0.00E+00	1.82E-02	-6.40E-06	1.82E-02	-5.73E-02	-8.02E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
MBN025	-2.51E-03	1.37E-02	1.56E-03	1.61E-02	0.00E+00	0.00E+00	-4.28E-01	-1.89E-04	1.68E-04	-1.58E-03	0.00E+00	0.00E+00	-4.51E-10	-3.99E-08	9.20E-04	-4.39E-01	0.00E+00	0.00E+00	-3.40E-01	0.00E+00	2.45E-02	0.00E+00	3.16E-09	-3.96E-09	-3.48E-04	0.00E+00	-3.33E-02	0.00E+00	2.45E-02	-9.35E-06	2.45E-02	6.59E-02	-3.33E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
MBN032	-3.48E-03	2.58E-02	1.82E-03	3.47E-02	0.00E+00	0.00E+00	-2.33E-01	-6.01E-04	1.36E-04	-1.67E-03	0.00E+00	0.00E+00	-8.69E-10	-7.58E-08	3.67E-04	-7.42E-01	0.00E+00	0.00E+00	-2.05E-01	0.00E+00	2.62E-01	0.00E+00	7.01E-09	-8.88E-09	-7.92E-04	0.00E+00	-9.73E-02	0.00E+00	2.62E-01	-1.68E-05	2.62E-01	2.33E-01	-9.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
MBN040	-4.17E-03	1.49E-02	2.02E-03	1.80E-02	0.00E+00	0.00E+00	-4.37E-01	-6.87E-04	2.62E-04	-2.34E-03	0.00E+00	0.00E+00	-8.46E-10	-8.04E-08	-6.25E-04	-8.05E-01	0.00E+00	0.00E+00	-2.95E-01	0.00E+00	2.60E-01	0.00E+00	6.90E-09	-1.04E-08	-7.91E-04	0.00E+00	-1.51E-01	0.00E+00	2.60E-01	-1.95E-05	2.60E-01	2.01E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
MBN106	4.62E-04	1.11E-01	2.71E-03	1.08E-01	0.00E+00	0.00E+00	6.23E-01	-5.02E-06	2.47E-04	9.23E-04	0.00E+00	0.00E+00	-4.70E-11	2.50E-09	-1.15E-03	9.42E-02	0.00E+00	0.00E+00	3.09E-01	0.00E+00	6.85E-01	0.00E+00	6.99E-09	1.80E-09	1.92E-04	0.00E+00	3.86E-02	0.00E+00	6.85E-01	-1.44E-07	6.85E-01	7.23E-01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MBN106A	-9.72E-04	6.02E-03	1.28E-03	1.94E-02	0.00E+00	0.00E+00	3.15E-02	-1.73E-04	1.17E-04	-7.31E-04	0.00E+00	0.00E+00	-4.43E-10	-1.85E-08	-8.59E-04	-3.81E-01	0.00E+00	0.00E+00	-2.28E-01	0.00E+00	-9.15E-02	0.00E+00	2.51E-09	-4.07E-09	-3.30E-04	0.00E+00	-7.39E-02	0.00E+00	-9.15E-02	-3.61E-06	-9.15E-02	-8.20E-02	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
MBN106E	-3.17E-03	-1.24E-01	-1.70E-03	-1.22E-01	0.00E+00	0.00E+00	-9.50E-01	-2.94E-04	-2.02E-04	-2.51E-03	0.00E+00	0.00E+00	-1.21E-09	-3.38E-08	-1.80E-03	-8.11E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-1.20E+00	0.00E+00	-5.46E-09	-1.31E-08	-8.99E-04	0.00E+00	-1.87E-01	0.00E+00	-1.20E+00	-9.31E-06	-1.20E+00	-1.39E+00	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
MBN106P	-5.25E-03	-1.82E-01	-1.34E-03	-1.69E-01	0.00E+00	0.00E+00	-1.79E+00	-5.07E-04	-3.03E-04	-4.28E-03	0.00E+00	0.00E+00	-1.36E-09	-6.43E-08	-5.65E-03	-3.76E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-1.32E+00	0.00E+00	-5.94E-09	-2.13E-08	-1.39E-03	0.00E+00	-6.33E-01	0.00E+00	-1.32E+00	-1.58E-05	-1.32E+00	-2.04E+00	-6.33E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
MBN106W	-5.56E-04	1.44E-03	1.65E-03	9.75E-03	0.00E+00	0.00E+00	-4.24E-02	-1.72E-04	1.41E-04	-7.08E-04	0.00E+00	0.00E+00	-6.15E-10	-1.29E-08	-1.14E-03	-3.65E-01	0.00E+00	0.00E+00	-3.58E-01	0.00E+00	-8.75E-02	0.00E+00	2.57E-09	-4.91E-09	-3.56E-04	0.00E+00	-7.85E-02	0.00E+00	-8.75E-02	-2.49E-06	-8.75E-02	-1.10E-01	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
MBN110	-2.34E-04	-8.28E-02	-4.02E-04	-8.24E-02	0.00E+00	0.00E+00	-1.63E-01	-2.55E-05	6.70E-05	-7.86E-04	0.00E+00	0.00E+00	-6.84E-10	-1.03E-09	-8.36E-04	-6.46E-01	0.00E+00	0.00E+00	-4.03E-01	0.00E+00	-7.30E-01	0.00E+00	-2.96E-09	-6.37E-09	-3.69E-04	0.00E+00	-1.21E-01	0.00E+00	-7.30E-01	-1.37E-06	-7.30E-01	-8.51E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
MBN110E	3.62E-04	3.99E-02	2.28E-03	3.76E-02	0.00E+00	0.00E+00	6.35E-01	1.25E-06	1.65E-04	4.20E-04	0.00E+00	0.00E+00	6.31E-11	2.63E-09	3.27E-03	-1.58E-01	0.00E+00	0.00E+00	4.46E-01	0.00E+00	6.86E-01	0.00E+00	5.14E-09	2.28E-09	1.26E-04	0.00E+00	3.38E-02	0.00E+00	6.86E-01	1.50E-07	6.86E-01	7.20E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
MBN110P	-3.10E-03	-1.24E-01	-7.67E-04	-1.20E-01	0.00E+00	0.00E+00	-1.01E+00	-2.30E-04	-1.37E-04	-1.92E-03	0.00E+00	0.00E+00	-7.69E-10	-3.29E-08	-1.77E-03	-2.92E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-1.07E+00	0.00E+00	-3.79E-09	-1.35E-08	-6.41E-04	0.00E+00	-3.89E-01	0.00E+00	-1.07E+00	-8.32E-06	-1.07E+00	-1.57E+00	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-5.27E+01
MBN110W	-1.03E-03	8.53E-03	1.14E-03	1.87E-02	0.00E+00	0.00E+00	-1.52E-01	-1.09E-04	1.01E-04	-7.87E-04	0.00E+00	0.00E+00	-3.90E-10	-5.63E-09	8.63E-04	-5.92E-01	0.00E+00	0.00E+00	-2.95E-01	0.00E+00	5.21E-02	0.00E+00	2.66E-09	-2.08E-09	-2.43E-04	0.00E+00	-4.46E-02	0.00E+00	5.21E-02	-2.73E-06	5.21E-02	-3.59E-02	-4.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
MBN113	-1.16E-03	2.04E-04	9.81E-05	-2.96E-03	0.00E+00	0.00E+00	-1.82E-01	-1.54E-04	1.13E-04	-8.93E-04	0.00E+00	0.00E+00	-7.03E-10	-2.30E-08	2.69E-04	-5.39E-01	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-2.05E-01	0.00E+00	9.16E-10	-6.20E-09	-3.90E-04	0.00E+00	-9.59E-02	0.00E+00	-2.05E-01	-5.07E-06	-2.05E-01	-2.92E-01	-9.59E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
MBN113E	6.82E-04	1.37E-01	3.34E-03	1.34E-01	0.00E+00	0.00E+00	8.18E-01	1.39E-06	3.20E-04	1.21E-03	0.00E+00	0.00E+00	6.09E-11	3.85E-09	5.25E-03	6.59E-02	0.00E+00	0.00E+00	5.00E-01	0.00E+00	1.09E+00	0.00E+00	9.05E-09	4.04E-09	3.14E-04	0.00E+00	7.84E-02	0.00E+00	1.09E+00	8.82E-08	1.09E+00	1.17E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
MBN116E	-1.55E-04	-7.16E-02	-1.97E-04	-7.14E-02	0.00E+00	0.00E+00	-1.33E-01	-2.55E-05	1.10E-04	-7.03E-04	0.00E+00	0.00E+00	-6.85E-10	-6.09E-10	-5.09E-04	-3.60E-01	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-6.39E-01	0.00E+00	-2.21E-09	-5.88E-09	-3.44E-04	0.00E+00	-7.62E-02	0.00E+00	-6.39E-01	-1.35E-06	-6.39E-01	-7.15E-01	-7.62E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
MBN116P	-3.26E-03	-1.27E-01	-9.38E-04	-1.24E-01	0.00E+00	0.00E+00	-1.12E+00	-2.52E-04	-1.42E-04	-1.94E-03	0.00E+00	0.00E+00	-7.59E-10	-3.58E-08	-1.62E-03	-2.88E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	-1.15E+00	0.00E+00	-3.85E-09	-1.50E-08	-6.78E-04	0.00E+00	-3.86E-01	0.00E+00	-1.15E+00	-8.51E-06	-1.15E+00	-1.69E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.85E+01
MBN116W	-1.09E-03	9.17E-03	1.11E-03	1.93E-02	0.00E+00	0.00E+00	-1.56E-01	-1.30E-04	9.83E-05	-8.77E-04	0.00E+00	0.00E+00	-4.06E-10	-8.69E-09	6.84E-04	-5.76E-01	0.00E+00	0.00E+00	-3.21E-01	0.00E+00	4.55E-02	0.00E+00	2.63E-09	-2.35E-09	-2.70E-04	0.00E+00	-4.68E-02	0.00E+00	4.55E-02	-3.19E-06	4.55E-02	-1.22E-02	-4.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
MBN120	-3.37E-03	-1.10E-01	-1.52E-03	-1.09E-01	0.00E+00	0.00E+00	-9.73E-01	-3.19E-04	-2.01E-04	-2.51E-03	0.00E+00	0.00E+00	-1.09E-09	-3.68E-08	-1.79E-03	-9.14E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.06E+00	0.00E+00	-4.82E-09	-1.24E-08	-8.69E-04	0.00E+00	-1.92E-01	0.00E+00	-1.06E+00	-9.86E-06	-1.06E+00	-1.25E+00	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-4.53E+01
MBN120E	-2.32E-03	-1.50E-02	7.07E-04	-1.57E-02	0.00E+00	0.00E+00	-2.23E-01	-2.40E-04	-9.61E-05	-1.26E-03	0.00E+00	0.00E+00	-4.09E-10	-2.71E-08	1.46E-03	-6.99E-01	0.00E+00	0.00E+00	-2.82E-01	0.00E+00	6.91E-02	0.00E+00	1.61E-09	-4.79E-09	-4.01E-04	0.00E+00	-8.97E-02	0.00E+00	6.91E-02	-7.00E-06	6.91E-02	-2.06E-02	-8.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
MBN120P	-3.22E-03	-1.42E-01	-9.20E-04	-1.24E-01	0.00E+00	0.00E+00	-1.15E+00	-2.47E-04	-1.51E-04	-1.98E-03	0.00E+00	0.00E+00	-7.82E-10	-3.63E-08	-3.26E-03	-2.83E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-1.14E+00	0.00E+00	-3.85E-09	-1.53E-08	-7.70E-04	0.00E+00	-4.20E-01	0.00E+00	-1.14E+00	-8.99E-06	-1.14E+00	-1.80E+00	-4.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.94E+01
MBN125	7.83E-04	1.17E-01	3.47E-03	1.13E-01	0.00E+00	0.00E+00	7.41E-01	-4.81E-06	4.54E-04	1.02E-03	0.00E+00	0.00E+00	-1.08E-11	4.77E-09	4.73E-03	-1.89E-01	0.00E+00	0.00E+00	5.28E-01	0.00E+00	8.82E-01	0.00E+00	7.88E-09	2.71E-09	2.37E-04	0.00E+00	4.37E-02	0.00E+00	8.82E-01	-1.31E-07	8.82E-01	9.25E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
MBN125A	-1.10E-03	2.13E-02	2.58E-03	4.52E-02	0.00E+00	0.00E+00	3.73E-01	-1.71E-04	2.19E-04	-8.98E-04	0.00E+00	0.00E+00	-3.34E-10	-4.02E-08	5.23E-04	-2.44E-01	0.00E+00	0.00E+00	2.83E-02	0.00E+00	1.00E-01	0.00E+00	4.41E-09	-5.42E-09	-1.40E-04	0.00E+00	-7.64E-03	0.00E+00	1.00E-01	-2.88E-06	1.00E-01	7.21E-02	-7.64E-03	0.00E+00	0.00E+00	0.00E+00	-2.41E+00
MBN125E	5.34E-04	1.82E-02	2.49E-03	1.57E-02	0.00E+00	0.00E+00	6.51E-01	-5.04E-06	3.86E-04	2.23E-04	0.00E+00	0.00E+00	-1.30E-10	4.37E-09	-1.81E-03	-1.63E-01	0.00E+00	0.00E+00	2.17E-01	0.00E+00	5.05E-01	0.00E+00	5.18E-09	6.29E-10	4.55E-05	0.00E+00	-8.82E-03	0.00E+00	5.05E-01	-3.21E-07	5.05E-01	4.96E-01	-8.82E-03	0.00E+00	0.00E+00	0.00E+00	6.49E+00
MBN125P	-7.40E-03	-2.07E-01	-1.45E-03	-1.88E-01	0.00E+00	0.00E+00	-2.66E+00	-7.31E-04	-3.52E-04	-4.70E-03	0.00E+00	0.00E+00	-1.47E-09	-1.04E-07	-7.40E-03	-8.34E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-1.40E+00	0.00E+00	-6.46E-09	-2.41E-08	-1.94E-03	0.00E+00	-9.53E-01	0.00E+00	-1.40E+00	-2.04E-05	-1.40E+00	-2.22E+00	-9.53E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MBN125W	-5.10E-04	1.61E-02	2.24E-03	1.95E-02	0.00E+00	0.00E+00	-3.36E-01	-1.20E-04	1.91E-04	-1.12E-03	0.00E+00	0.00E+00	-2.61E-10	-5.29E-09	7.23E-04	-3.46E-01	0.00E+00	0.00E+00	-2.12E-01	0.00E+00	4.09E-02	0.00E+00	3.63E-09	-1.36E-09	-2.23E-04	0.00E+00	-2.15E-02	0.00E+00	4.09E-02	-2.21E-06	4.09E-02	1.22E-02	-2.15E-02	0.00E+00	0.00E+00	0.00E+00	-8.52E+00
MBN132	-1.27E-02	-1.08E-01	-1.98E-03	-1.06E-01	0.00E+00	0.00E+00	-2.81E+00	-1.26E-03	-5.63E-04	-7.20E-03	0.00E+00	0.00E+00	-1.77E-09	-1.47E-07	-6.36E-03	-1.74E+00	0.00E+00	0.00E+00	-2.52E+00	0.00E+00	-9.59E-01	0.00E+00	-3.58E-09	-2.50E-08	-2.09E-03	0.00E+00	-3.65E-01	0.00E+00	-9.59E-01	-3.78E-05	-9.59E-01	-1.32E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MBN132A	-7.86E-03	1.40E-02	1.32E-03	3.16E-02	0.00E+00	0.00E+00	-1.67E+00	-9.00E-04	1.43E-04	-3.11E-03	0.00E+00	0.00E+00	-1.11E-09	-1.16E-07	-9.00E-04	-8.40E-01	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-1.65E-01	0.00E+00	2.79E-09	-1.32E-08	-1.07E-03	0.00E+00	-1.48E-01	0.00E+00	-1.65E-01	-2.79E-05	-1.65E-01	-3.12E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E+01
MBN132E	8.49E-04	-3.38E-02	2.19E-03	-3.60E-02	0.00E+00	0.00E+00	3.89E-01	-1.62E-05	7.85E-04	-2.34E-04	0.00E+00	0.00E+00	-4.70E-10	7.40E-09	-3.42E-03	-6.02E-01	0.00E+00	0.00E+00	-5.70E-02	0.00E+00	-4.95E-02	0.00E+00	2.26E-09	-2.52E-09	-1.21E-04	0.00E+00	-1.01E-01	0.00E+00	-4.95E-02	-1.04E-06	-4.95E-02	-1.50E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+00
MBN132P	-8.87E-03	-2.07E-01	-1.34E-03	-1.88E-01	0.00E+00	0.00E+00	-2.78E+00	-9.76E-04	-3.70E-04	-5.77E-03	0.00E+00	0.00E+00	-1.57E-09	-1.20E-07	-7.30E-03	-8.20E+00	0.00E+00	0.00E+00	-2.26E+00	0.00E+00	-1.38E+00	0.00E+00	-6.28E-09	-2.55E-08	-2.14E-03	0.00E+00	-8.06E-01	0.00E+00	-1.38E+00	-2.54E-05	-1.38E+00	-2.19E+00	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
MBN132W	-4.67E-03	1.64E-02	1.89E-03	2.52E-02	0.00E+00	0.00E+00	-3.09E-01	-6.25E-04	1.45E-04	-3.21E-03	0.00E+00	0.00E+00	-1.18E-09	-7.42E-08	-3.82E-04	-1.19E+00	0.00E+00	0.00E+00	-6.32E-01	0.00E+00	2.87E-01	0.00E+00	7.07E-09	-1.06E-08	-1.13E-03	0.00E+00	-1.89E-01	0.00E+00	2.87E-01	-1.97E-05	2.87E-01	3.62E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
MBN140	-4.02E-03	1.43E-02	1.95E-03	1.76E-02	0.00E+00	0.00E+00	-4.17E-01	-6.26E-04	2.57E-04	-2.27E-03	0.00E+00	0.00E+00	-8.47E-10	-7.30E-08	-7.62E-04	-8.09E-01	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	2.64E-01	0.00E+00	6.91E-09	-1.02E-08	-8.02E-04	0.00E+00	-1.46E-01	0.00E+00	2.64E-01	-2.03E-05	2.64E-01	2.26E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
MBN140A	-7.51E-03	1.72E-02	1.34E-03	3.40E-02	0.00E+00	0.00E+00	-1.62E+00	-8.96E-04	1.61E-04	-2.85E-03	0.00E+00	0.00E+00	-1.11E-09	-1.10E-07	-9.84E-04	-8.30E-01	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-1.74E-01	0.00E+00	2.74E-09	-1.24E-08	-1.00E-03	0.00E+00	-1.45E-01	0.00E+00	-1.74E-01	-2.64E-05	-1.74E-01	-3.24E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-6.58E+01
MBN140E	-3.87E-03	1.43E-02	2.07E-03	2.10E-02	0.00E+00	0.00E+00	-4.36E-01	-6.53E-04	2.74E-04	-2.35E-03	0.00E+00	0.00E+00	-8.42E-10	-7.69E-08	-4.46E-04	-7.94E-01	0.00E+00	0.00E+00	-2.76E-01	0.00E+00	2.70E-01	0.00E+00	6.92E-09	-9.96E-09	-7.58E-04	0.00E+00	-1.40E-01	0.00E+00	2.70E-01	-1.93E-05	2.70E-01	2.15E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
MBN140P	-8.90E-03	-2.09E-01	-1.28E-03	-1.89E-01	0.00E+00	0.00E+00	-2.77E+00	-1.04E-03	-3.72E-04	-5.82E-03	0.00E+00	0.00E+00	-1.61E-09	-1.21E-07	-7.43E-03	-7.94E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-1.38E+00	0.00E+00	-6.44E-09	-2.60E-08	-2.21E-03	0.00E+00	-8.11E-01	0.00E+00	-1.38E+00	-2.62E-05	-1.38E+00	-2.21E+00	-8.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MBN140W	-5.73E-03	6.58E-03	2.01E-03	1.53E-02	0.00E+00	0.00E+00	-5.27E-01	-7.22E-04	2.69E-04	-3.41E-03	0.00E+00	0.00E+00	-1.31E-09	-7.62E-08	-1.23E-03	-1.44E+00	0.00E+00	0.00E+00	-7.18E-01	0.00E+00	2.72E-01	0.00E+00	6.93E-09	-1.27E-08	-1.27E-03	0.00E+00	-2.62E-01	0.00E+00	2.72E-01	-2.20E-05	2.72E-01	3.27E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
MBN150	-1.14E-03	2.61E-02	2.98E-03	2.43E-02	0.00E+00	0.00E+00	2.34E-01	-2.98E-04	6.05E-04	-9.12E-04	0.00E+00	0.00E+00	-6.21E-10	-2.50E-08	-2.31E-03	-7.51E-01	0.00E+00	0.00E+00	1.11E-02	0.00E+00	2.34E-01	0.00E+00	3.68E-09	-4.39E-09	-3.99E-05	0.00E+00	-1.59E-01	0.00E+00	2.34E-01	-1.15E-05	2.34E-01	1.90E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+00
MBN150E	-1.14E-03	2.61E-02	2.98E-03	2.43E-02	0.00E+00	0.00E+00	2.34E-01	-2.98E-04	6.05E-04	-9.12E-04	0.00E+00	0.00E+00	-6.21E-10	-2.64E-08	-2.31E-03	-7.57E-01	0.00E+00	0.00E+00	1.11E-02	0.00E+00	2.25E-01	0.00E+00	3.68E-09	-4.39E-09	-3.93E-05	0.00E+00	-1.59E-01	0.00E+00	2.25E-01	-1.15E-05	2.25E-01	1.90E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+00
MBN150P	-6.11E-03	-4.76E-02	5.76E-04	-5.49E-02	0.00E+00	0.00E+00	-1.44E+00	-6.88E-04	8.21E-05	-5.47E-03	0.00E+00	0.00E+00	-1.39E-09	-9.92E-08	-2.59E-03	-3.68E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-1.34E-01	0.00E+00	3.97E-09	-1.44E-08	-1.58E-03	0.00E+00	-4.05E-01	0.00E+00	-1.34E-01	-1.84E-05	-1.34E-01	-5.63E-01	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.90E+01
MBN150W	-1.12E-03	2.58E-02	3.13E-03	2.56E-02	0.00E+00	0.00E+00	2.36E-01	-3.04E-04	6.06E-04	-8.99E-04	0.00E+00	0.00E+00	-6.24E-10	-2.64E-08	-2.04E-03	-7.58E-01	0.00E+00	0.00E+00	1.73E-02	0.00E+00	2.13E-01	0.00E+00	3.61E-09	-4.62E-09	-4.63E-05	0.00E+00	-1.61E-01	0.00E+00	2.13E-01	-1.16E-05	2.13E-01	1.91E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E-01
MBN163	-8.96E-04	2.95E-02	3.05E-03	2.98E-02	0.00E+00	0.00E+00	1.14E-01	-1.97E-04	7.53E-04	-1.62E-03	0.00E+00	0.00E+00	-6.14E-10	-2.46E-08	-2.27E-03	-4.43E-01	0.00E+00	0.00E+00	-1.21E-01	0.00E+00	1.38E-01	0.00E+00	3.99E-09	-5.78E-09	-8.05E-06	0.00E+00	-1.67E-01	0.00E+00	1.38E-01	-1.60E-05	1.38E-01	7.60E-02	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-8.49E+00
MBN163A	-5.52E-03	-1.28E-01	4.66E-04	-8.79E-02	0.00E+00	0.00E+00	-3.48E-01	-5.17E-04	9.08E-04	-3.27E-03	0.00E+00	0.00E+00	-8.85E-10	-4.81E-08	-2.78E-03	-1.39E+00	0.00E+00	0.00E+00	-5.09E-01	0.00E+00	-7.25E-01	0.00E+00	-5.43E-09	-1.16E-08	-5.09E-04	0.00E+00	-2.04E-01	0.00E+00	-7.25E-01	-1.38E-05	-7.25E-01	-1.11E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
MBN163E	-6.37E-04	2.97E-02	3.05E-03	3.15E-02	0.00E+00	0.00E+00	1.05E-01	-1.97E-04	7.53E-04	-1.56E-03	0.00E+00	0.00E+00	-6.17E-10	-2.37E-08	-2.22E-03	-4.21E-01	0.00E+00	0.00E+00	-1.15E-01	0.00E+00	1.38E-01	0.00E+00	3.93E-09	-5.82E-09	1.87E-05	0.00E+00	-1.58E-01	0.00E+00	1.38E-01	-1.60E-05	1.38E-01	7.70E-02	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-8.32E+00
MBN163W	-1.02E-03	2.84E-02	3.04E-03	3.05E-02	0.00E+00	0.00E+00	1.08E-01	-2.11E-04	7.47E-04	-1.57E-03	0.00E+00	0.00E+00	-6.32E-10	-2.53E-08	-2.48E-03	-4.48E-01	0.00E+00	0.00E+00	-1.51E-01	0.00E+00	1.17E-01	0.00E+00	3.60E-09	-7.03E-09	-6.31E-06	0.00E+00	-1.71E-01	0.00E+00	1.17E-01	-1.66E-05	1.17E-01	4.02E-02	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
MBN206	-2.41E-03	-2.80E-03	3.42E-03	2.41E-02	0.00E+00	0.00E+00	2.89E-01	-2.16E-04	1.73E-04	-5.33E-04	0.00E+00	0.00E+00	-9.04E-10	-1.46E-08	-9.22E-03	-8.25E-01	0.00E+00	0.00E+00	-3.24E-01	0.00E+00	9.69E-02	0.00E+00	4.39E-09	-5.72E-09	-3.77E-04	0.00E+00	-1.44E-01	0.00E+00	9.69E-02	-7.88E-06	9.69E-02	8.25E-02	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
MBN206E	1.12E-03	2.54E-01	6.51E-03	2.48E-01	0.00E+00	0.00E+00	1.62E+00	3.03E-06	5.27E-04	2.24E-03	0.00E+00	0.00E+00	2.72E-10	6.68E-09	-8.31E-03	-2.18E-02	0.00E+00	0.00E+00	8.90E-01	0.00E+00	1.86E+00	0.00E+00	1.71E-08	6.64E-09	5.74E-04	0.00E+00	3.73E-02	0.00E+00	1.86E+00	4.30E-07	1.86E+00	1.90E+00	3.73E-02	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MBN206P	-6.64E-03	-4.49E-01	-5.27E-03	-4.19E-01	0.00E+00	0.00E+00	-2.49E+00	-6.12E-04	-5.62E-04	-6.51E-03	0.00E+00	0.00E+00	-2.85E-09	-7.56E-08	-2.12E-02	-4.09E+00	0.00E+00	0.00E+00	-3.20E+00	0.00E+00	-3.68E+00	0.00E+00	-1.60E-08	-3.58E-08	-2.15E-03	0.00E+00	-8.47E-01	0.00E+00	-3.68E+00	-2.19E-05	-3.68E+00	-5.17E+00	-8.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MBN210	-2.69E-03	-1.12E-02	2.43E-03	8.01E-03	0.00E+00	0.00E+00	6.35E-02	-2.57E-04	1.57E-04	-1.35E-03	0.00E+00	0.00E+00	-1.25E-09	-1.66E-08	-9.27E-03	-9.07E-01	0.00E+00	0.00E+00	-4.91E-01	0.00E+00	1.77E-02	0.00E+00	1.68E-09	-8.34E-09	-5.08E-04	0.00E+00	-1.91E-01	0.00E+00	1.77E-02	-8.14E-06	1.77E-02	-2.71E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MBN210E	7.82E-04	1.87E-01	4.78E-03	1.82E-01	0.00E+00	0.00E+00	1.19E+00	-1.04E-05	4.73E-04	1.57E-03	0.00E+00	0.00E+00	-2.48E-10	4.66E-09	-1.04E-02	2.12E-02	0.00E+00	0.00E+00	2.36E-01	0.00E+00	1.12E+00	0.00E+00	1.31E-08	1.98E-09	3.06E-04	0.00E+00	-1.91E-02	0.00E+00	1.12E+00	-5.48E-07	1.12E+00	1.10E+00	-1.91E-02	0.00E+00	0.00E+00	0.00E+00	5.31E+00
MBN210P	-6.81E-03	-4.09E-01	-5.17E-03	-3.88E-01	0.00E+00	0.00E+00	-2.49E+00	-6.28E-04	-5.60E-04	-6.58E-03	0.00E+00	0.00E+00	-2.84E-09	-7.91E-08	-1.98E-02	-4.07E+00	0.00E+00	0.00E+00	-3.22E+00	0.00E+00	-3.69E+00	0.00E+00	-1.61E-08	-3.56E-08	-2.13E-03	0.00E+00	-7.71E-01	0.00E+00	-3.69E+00	-2.25E-05	-3.69E+00	-4.95E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MBN213	-3.56E-03	-1.44E-02	1.68E-03	-6.84E-03	0.00E+00	0.00E+00	-4.20E-01	-3.36E-04	1.42E-04	-1.58E-03	0.00E+00	0.00E+00	-1.53E-09	-6.39E-08	-8.91E-03	-8.72E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-4.98E-01	0.00E+00	5.02E-10	-1.50E-08	-9.47E-04	0.00E+00	-1.86E-01	0.00E+00	-4.98E-01	-1.40E-05	-4.98E-01	-6.65E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-4.90E+01
MBN213E	-3.77E-03	-2.02E-02	1.95E-03	-1.74E-02	0.00E+00	0.00E+00	-4.61E-01	-3.46E-04	1.42E-04	-1.91E-03	0.00E+00	0.00E+00	-1.82E-09	-6.42E-08	-9.53E-03	-1.31E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-3.81E-01	0.00E+00	5.74E-10	-1.59E-08	-9.59E-04	0.00E+00	-2.14E-01	0.00E+00	-3.81E-01	-1.43E-05	-3.81E-01	-7.23E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MBN216	-4.03E-03	-2.06E-02	1.86E-03	-1.44E-02	0.00E+00	0.00E+00	-4.24E-01	-3.65E-04	1.40E-04	-1.98E-03	0.00E+00	0.00E+00	-1.75E-09	-7.23E-08	-5.64E-03	-9.57E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-4.24E-01	0.00E+00	-2.36E-10	-1.65E-08	-9.34E-04	0.00E+00	-1.91E-01	0.00E+00	-4.24E-01	-1.45E-05	-4.24E-01	-6.60E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.84E+01
MBN216A	-5.24E-03	-2.92E-02	1.95E-03	-6.20E-03	0.00E+00	0.00E+00	-4.91E-01	-5.00E-04	1.53E-04	-2.15E-03	0.00E+00	0.00E+00	-1.83E-09	-7.65E-08	-8.17E-03	-1.19E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-3.59E-01	0.00E+00	5.13E-10	-1.71E-08	-1.16E-03	0.00E+00	-1.88E-01	0.00E+00	-3.59E-01	-1.58E-05	-3.59E-01	-5.62E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-5.49E+01
MBN216E	-7.78E-03	-2.48E-01	-3.23E-03	-2.45E-01	0.00E+00	0.00E+00	-2.20E+00	-7.39E-04	-4.61E-04	-5.76E-03	0.00E+00	0.00E+00	-2.49E-09	-8.51E-08	-3.17E-03	-1.88E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-2.36E+00	0.00E+00	-1.07E-08	-2.83E-08	-2.00E-03	0.00E+00	-4.02E-01	0.00E+00	-2.36E+00	-2.28E-05	-2.36E+00	-2.77E+00	-4.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MBN216P	-6.02E-03	-3.35E-01	-4.07E-03	-3.44E-01	0.00E+00	0.00E+00	-1.94E+00	-4.96E-04	-3.69E-04	-5.22E-03	0.00E+00	0.00E+00	-2.26E-09	-7.20E-08	-1.32E-02	-3.75E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-2.82E+00	0.00E+00	-1.15E-08	-2.72E-08	-1.64E-03	0.00E+00	-8.01E-01	0.00E+00	-2.82E+00	-1.90E-05	-2.82E+00	-4.01E+00	-8.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MBN220	-3.82E-03	-3.12E-02	8.36E-04	-2.03E-02	0.00E+00	0.00E+00	-7.02E-01	-4.30E-04	1.79E-04	-2.39E-03	0.00E+00	0.00E+00	-1.76E-09	-7.87E-08	-5.72E-03	-9.36E-01	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-6.78E-01	0.00E+00	-6.67E-10	-1.81E-08	-1.02E-03	0.00E+00	-1.96E-01	0.00E+00	-6.78E-01	-1.67E-05	-6.78E-01	-8.69E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-6.68E+01
MBN220A	-5.27E-03	-3.89E-02	1.68E-03	-2.83E-02	0.00E+00	0.00E+00	-6.83E-01	-4.72E-04	1.69E-04	-2.38E-03	0.00E+00	0.00E+00	-1.84E-09	-7.08E-08	-6.97E-03	-1.17E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	-4.12E-01	0.00E+00	2.18E-10	-1.82E-08	-1.17E-03	0.00E+00	-1.91E-01	0.00E+00	-4.12E-01	-1.57E-05	-4.12E-01	-7.03E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-6.68E+01
MBN220E	-3.87E-03	-3.13E-02	8.98E-04	-2.03E-02	0.00E+00	0.00E+00	-7.09E-01	-4.25E-04	1.79E-04	-2.36E-03	0.00E+00	0.00E+00	-1.70E-09	-8.38E-08	-5.81E-03	-9.38E-01	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-6.78E-01	0.00E+00	-5.78E-10	-1.82E-08	-1.02E-03	0.00E+00	-1.92E-01	0.00E+00	-6.78E-01	-1.66E-05	-6.78E-01	-8.69E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
MBN220P	-9.05E-03	-4.93E-01	-5.18E-03	-4.48E-01	0.00E+00	0.00E+00	-3.33E+00	-9.79E-04	-6.15E-04	-6.50E-03	0.00E+00	0.00E+00	-3.06E-09	-1.13E-07	-2.14E-02	-1.12E+01	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-3.68E+00	0.00E+00	-1.60E-08	-3.95E-08	-2.80E-03	0.00E+00	-1.20E+00	0.00E+00	-3.68E+00	-3.13E-05	-3.68E+00	-5.24E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MBN225	-4.70E-03	-7.00E-02	1.51E-03	-5.57E-02	0.00E+00	0.00E+00	-1.05E+00	-6.15E-04	2.05E-04	-3.42E-03	0.00E+00	0.00E+00	-2.05E-09	-9.90E-08	-5.17E-03	-1.11E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-6.10E-01	0.00E+00	-4.70E-10	-2.03E-08	-1.22E-03	0.00E+00	-2.36E-01	0.00E+00	-6.10E-01	-2.24E-05	-6.10E-01	-9.36E-01	-2.36E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
MBN225A	-3.72E-03	-5.76E-02	1.28E-03	-9.73E-03	0.00E+00	0.00E+00	-8.12E-01	-4.08E-04	2.43E-04	-2.60E-03	0.00E+00	0.00E+00	-1.76E-09	-6.78E-08	-5.10E-03	-7.87E-01	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-5.88E-01	0.00E+00	7.01E-10	-1.66E-08	-1.03E-03	0.00E+00	-1.48E-01	0.00E+00	-5.88E-01	-1.43E-05	-5.88E-01	-8.75E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-6.54E+01
MBN225E	-4.70E-03	-7.00E-02	1.51E-03	-5.57E-02	0.00E+00	0.00E+00	-1.08E+00	-6.17E-04	2.05E-04	-3.42E-03	0.00E+00	0.00E+00	-2.05E-09	-9.90E-08	-5.17E-03	-1.12E+00	0.00E+00	0.00E+00	-1.60E+00	0.00E+00	-6.10E-01	0.00E+00	-5.43E-10	-2.03E-08	-1.22E-03	0.00E+00	-2.37E-01	0.00E+00	-6.10E-01	-2.24E-05	-6.10E-01	-9.36E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
MBN225P	-1.03E-02	-4.92E-01	-5.19E-03	-4.50E-01	0.00E+00	0.00E+00	-3.56E+00	-1.02E-03	-6.42E-04	-6.23E-03	0.00E+00	0.00E+00	-3.20E-09	-1.18E-07	-2.21E-02	-1.16E+01	0.00E+00	0.00E+00	-3.87E+00	0.00E+00	-3.76E+00	0.00E+00	-1.63E-08	-4.08E-08	-2.87E-03	0.00E+00	-1.21E+00	0.00E+00	-3.76E+00	-3.33E-05	-3.76E+00	-5.34E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MBN232	-8.60E-03	1.72E-02	2.54E-03	-2.12E-03	0.00E+00	0.00E+00	-1.30E+00	-8.01E-04	3.21E-04	-4.66E-03	0.00E+00	0.00E+00	-2.07E-09	-8.44E-08	-1.65E-03	-1.76E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	6.95E-01	0.00E+00	8.16E-09	-1.74E-08	-1.04E-03	0.00E+00	-3.17E-01	0.00E+00	6.95E-01	-2.84E-05	6.95E-01	1.57E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-6.58E+01
MBN232A	-1.01E-02	3.92E-02	2.00E-03	9.97E-03	0.00E+00	0.00E+00	-1.92E+00	-1.48E-03	5.17E-04	-5.53E-03	0.00E+00	0.00E+00	-1.76E-09	-1.23E-07	-4.14E-03	-8.71E-01	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-4.53E-01	0.00E+00	3.14E-09	-1.86E-08	-1.63E-03	0.00E+00	-1.76E-01	0.00E+00	-4.53E-01	-4.64E-05	-4.53E-01	-7.25E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-9.51E+01
MBN232E	-3.47E-03	3.11E-02	2.64E-03	4.04E-03	0.00E+00	0.00E+00	-1.39E+00	-1.05E-03	5.88E-04	-2.52E-03	0.00E+00	0.00E+00	-1.50E-09	-7.40E-08	-1.93E-03	-1.21E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-5.44E-01	0.00E+00	2.96E-09	-1.22E-08	-1.01E-03	0.00E+00	-1.88E-01	0.00E+00	-5.44E-01	-4.26E-05	-5.44E-01	-5.36E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-8.46E+01
MBN232P	-1.65E-02	-5.00E-01	-5.87E-03	-4.51E-01	0.00E+00	0.00E+00	-4.83E+00	-1.46E-03	-9.10E-04	-9.88E-03	0.00E+00	0.00E+00	-3.40E-09	-1.70E-07	-2.16E-02	-1.17E+01	0.00E+00	0.00E+00	-4.64E+00	0.00E+00	-3.83E+00	0.00E+00	-1.67E-08	-4.31E-08	-3.25E-03	0.00E+00	-1.17E+00	0.00E+00	-3.83E+00	-4.85E-05	-3.83E+00	-5.67E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MBN240	-9.89E-03	4.84E-02	1.90E-03	1.36E-02	0.00E+00	0.00E+00	-1.34E+00	-8.56E-04	3.91E-04	-5.93E-03	0.00E+00	0.00E+00	-2.38E-09	-1.29E-07	-1.51E-03	-1.77E+00	0.00E+00	0.00E+00	-1.46E+00	0.00E+00	8.06E-01	0.00E+00	7.58E-09	-2.27E-08	-1.37E-03	0.00E+00	-3.31E-01	0.00E+00	8.06E-01	-3.09E-05	8.06E-01	2.89E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-6.57E+01
MBN240A	-7.30E-03	1.16E-01	2.68E-03	6.30E-02	0.00E+00	0.00E+00	-1.65E+00	-1.60E-03	7.79E-04	-1.78E-03	0.00E+00	0.00E+00	-2.25E-09	-6.99E-08	-3.12E-04	-1.08E+00	0.00E+00	0.00E+00	-1.75E+00	0.00E+00	-1.95E-01	0.00E+00	4.07E-09	-2.41E-08	-2.63E-03	0.00E+00	-3.04E-01	0.00E+00	-1.95E-01	-4.72E-05	-1.95E-01	-5.18E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.31E+01
MBN240E	-9.90E-03	8.24E-02	3.35E-03	3.63E-02	0.00E+00	0.00E+00	-1.57E+00	-1.55E-03	3.67E-04	-4.06E-03	0.00E+00	0.00E+00	-2.11E-09	-1.11E-07	-3.77E-03	-1.23E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-3.98E-01	0.00E+00	3.95E-09	-2.20E-08	-2.24E-03	0.00E+00	-3.16E-01	0.00E+00	-3.98E-01	-5.03E-05	-3.98E-01	-6.37E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-8.05E+01
MBN240P	-1.79E-02	-4.99E-01	-6.19E-03	-4.56E-01	0.00E+00	0.00E+00	-5.21E+00	-1.63E-03	-9.78E-04	-1.04E-02	0.00E+00	0.00E+00	-3.58E-09	-2.21E-07	-2.18E-02	-1.19E+01	0.00E+00	0.00E+00	-4.88E+00	0.00E+00	-3.86E+00	0.00E+00	-1.71E-08	-5.28E-08	-3.82E-03	0.00E+00	-1.20E+00	0.00E+00	-3.86E+00	-5.18E-05	-3.86E+00	-5.80E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MBN250	-8.59E-03	6.39E-02	2.67E-03	5.05E-02	0.00E+00	0.00E+00	-1.10E+00	-9.67E-04	6.00E-04	-5.24E-03	0.00E+00	0.00E+00	-1.91E-09	-1.19E-07	-2.35E-03	-1.28E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	7.92E-01	0.00E+00	7.66E-09	-1.87E-08	-1.12E-03	0.00E+00	-2.38E-01	0.00E+00	7.92E-01	-3.44E-05	7.92E-01	4.32E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+01

MBN250A	-1.02E-02	-1.73E-01	-2.14E-05	-1.34E-01	0.00E+00	0.00E+00	-1.19E-01	-8.59E-04	1.08E-03	-6.23E-03	0.00E+00	0.00E+00	-2.25E-09	-1.01E-07	-6.42E-03	-2.09E+00	0.00E+00	0.00E+00	-3.84E-01	0.00E+00	-1.09E+00	0.00E+00	-9.70E-09	-3.37E-08	-9.58E-04	0.00E+00	-2.89E-01	0.00E+00	-1.09E+00	-3.04E-05	-1.09E+00	-1.45E+00	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
MBN250E	-2.17E-02	-1.89E-02	4.12E-03	-3.88E-02	0.00E+00	0.00E+00	1.83E-01	-4.70E-04	7.84E-04	-1.07E-02	0.00E+00	0.00E+00	-2.80E-09	-2.08E-07	-4.47E-03	-2.47E+00	0.00E+00	0.00E+00	-3.09E-01	0.00E+00	5.68E-02	0.00E+00	2.34E-09	-4.51E-08	-3.80E-04	0.00E+00	-5.25E-01	0.00E+00	5.68E-02	-6.64E-05	5.68E-02	-5.53E-03	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MBN250P	-1.43E-02	-2.23E-01	-2.77E-03	-1.46E-01	0.00E+00	0.00E+00	-3.80E+00	-8.17E-04	-1.73E-04	-4.72E-03	0.00E+00	0.00E+00	-2.43E-09	-9.81E-08	-9.00E-03	-2.98E+00	0.00E+00	0.00E+00	-3.85E+00	0.00E+00	-1.87E+00	0.00E+00	1.97E-09	-2.20E-08	-1.32E-03	0.00E+00	-7.62E-01	0.00E+00	-1.87E+00	-2.90E-05	-1.87E+00	-2.67E+00	-7.62E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
MBN263	-1.10E-02	7.58E-02	2.26E-03	3.71E-02	0.00E+00	0.00E+00	-2.03E+00	-1.34E-03	9.37E-04	-7.28E-03	0.00E+00	0.00E+00	-2.29E-09	-1.86E-07	-2.30E-03	-1.22E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	6.04E-01	0.00E+00	1.02E-08	-1.93E-08	-1.61E-03	0.00E+00	-3.03E-01	0.00E+00	6.04E-01	-6.26E-05	6.04E-01	2.66E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
MBN263A	-1.81E-02	-1.56E-01	-1.67E-03	-1.13E-01	0.00E+00	0.00E+00	-3.86E-01	-1.20E-03	1.15E-03	-9.59E-03	0.00E+00	0.00E+00	-2.45E-09	-9.87E-08	-3.48E-03	-2.66E+00	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-1.14E+00	0.00E+00	-9.86E-09	-4.12E-08	-1.85E-03	0.00E+00	-5.09E-01	0.00E+00	-1.14E+00	-3.81E-05	-1.14E+00	-1.75E+00	-5.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
MBN263E	-2.20E-02	6.12E-02	3.58E-03	6.67E-02	0.00E+00	0.00E+00	-1.09E-01	-8.02E-04	9.41E-04	-8.52E-03	0.00E+00	0.00E+00	-2.44E-09	-1.79E-07	-1.23E-03	-1.83E+00	0.00E+00	0.00E+00	-1.43E-02	0.00E+00	3.93E-01	0.00E+00	3.39E-09	-3.85E-08	-5.60E-04	0.00E+00	-4.28E-01	0.00E+00	3.93E-01	-6.30E-05	3.93E-01	3.48E-01	-4.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MBN263P	-1.59E-02	-2.45E-01	-3.18E-03	-1.50E-01	0.00E+00	0.00E+00	-4.49E+00	-1.29E-03	-1.12E-04	-6.51E-03	0.00E+00	0.00E+00	-2.99E-09	-2.05E-07	-9.48E-03	-3.04E+00	0.00E+00	0.00E+00	-4.22E+00	0.00E+00	-1.60E+00	0.00E+00	1.24E-09	-3.52E-08	-2.54E-03	0.00E+00	-8.46E-01	0.00E+00	-1.60E+00	-4.01E-05	-1.60E+00	-2.39E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MBN306	-3.44E-03	1.50E-01	5.80E-03	1.46E-01	0.00E+00	0.00E+00	6.87E-01	-3.28E-04	2.35E-04	-2.80E-04	0.00E+00	0.00E+00	-7.59E-10	-1.87E-08	3.05E-03	-8.15E-01	0.00E+00	0.00E+00	3.67E-02	0.00E+00	4.80E-01	0.00E+00	1.09E-08	-5.54E-10	-3.56E-04	0.00E+00	-2.61E-02	0.00E+00	4.80E-01	-9.93E-06	4.80E-01	7.16E-01	-2.61E-02	0.00E+00	0.00E+00	0.00E+00	-3.73E+00
MBN306A	-3.90E-03	9.60E-02	2.83E-03	7.79E-02	0.00E+00	0.00E+00	3.35E-02	-4.20E-04	1.92E-04	-1.01E-03	0.00E+00	0.00E+00	-1.22E-09	-3.22E-08	3.43E-03	-9.22E-01	0.00E+00	0.00E+00	-6.47E-01	0.00E+00	7.28E-02	0.00E+00	6.51E-09	-6.89E-09	-7.90E-04	0.00E+00	-5.24E-02	0.00E+00	7.28E-02	-1.26E-05	7.28E-02	2.95E-01	-5.24E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
MBN306E	1.12E-03	1.12E-01	7.68E-03	1.04E-01	0.00E+00	0.00E+00	2.24E+00	4.23E-06	6.11E-04	1.21E-03	0.00E+00	0.00E+00	2.42E-10	9.34E-09	-1.58E-02	-3.39E-01	0.00E+00	0.00E+00	9.76E-01	0.00E+00	2.02E+00	0.00E+00	1.81E-08	5.69E-09	3.67E-04	0.00E+00	-3.30E-02	0.00E+00	2.02E+00	3.58E-07	2.02E+00	1.98E+00	-3.30E-02	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MBN306P	-1.37E-02	-6.27E-01	-7.45E-03	-6.16E-01	0.00E+00	0.00E+00	-3.30E+00	-1.42E-03	-7.36E-04	-1.02E-02	0.00E+00	0.00E+00	-4.05E-09	-1.28E-07	-3.24E-02	-4.41E+00	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-5.23E+00	0.00E+00	-2.36E-08	-5.40E-08	-3.32E-03	0.00E+00	-9.11E-01	0.00E+00	-5.23E+00	-3.60E-05	-5.23E+00	-7.48E+00	-9.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MBN310	-8.95E-03	-8.19E-02	-2.59E-03	-7.94E-02	0.00E+00	0.00E+00	-2.60E+00	-8.91E-04	-4.17E-04	-5.28E-03	0.00E+00	0.00E+00	-3.42E-09	-1.02E-07	-1.18E-03	-1.61E+00	0.00E+00	0.00E+00	-3.00E+00	0.00E+00	-2.60E+00	0.00E+00	-7.32E-09	-3.41E-08	-2.17E-03	0.00E+00	-3.87E-01	0.00E+00	-2.60E+00	-2.78E-05	-2.60E+00	-2.99E+00	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
MBN310A	-5.18E-03	-1.09E-01	1.86E-03	-1.04E-01	0.00E+00	0.00E+00	-4.42E-01	-4.62E-04	2.39E-04	-2.67E-03	0.00E+00	0.00E+00	-1.71E-09	-5.26E-08	-1.76E-03	-1.38E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-4.22E-01	0.00E+00	6.38E-10	-1.90E-08	-1.21E-03	0.00E+00	-2.27E-01	0.00E+00	-4.22E-01	-1.48E-05	-4.22E-01	-5.68E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E+01
MBN310E	1.81E-03	3.95E-01	9.55E-03	3.86E-01	0.00E+00	0.00E+00	2.36E+00	3.96E-06	8.09E-04	3.49E-03	0.00E+00	0.00E+00	1.99E-10	1.00E-08	1.55E-02	-3.12E-01	0.00E+00	0.00E+00	1.44E+00	0.00E+00	3.09E+00	0.00E+00	2.56E-08	1.11E-08	8.95E-04	0.00E+00	1.52E-01	0.00E+00	3.09E+00	2.59E-07	3.09E+00	3.24E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MBN310P	-1.33E-02	-5.86E-01	-7.40E-03	-5.88E-01	0.00E+00	0.00E+00	-3.34E+00	-1.40E-03	-7.55E-04	-1.01E-02	0.00E+00	0.00E+00	-4.09E-09	-1.29E-07	-3.09E-02	-4.23E+00	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-5.21E+00	0.00E+00	-2.36E-08	-5.32E-08	-3.38E-03	0.00E+00	-7.72E-01	0.00E+00	-5.21E+00	-3.71E-05	-5.21E+00	-7.18E+00	-7.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MBN313	-3.65E-03	1.04E-01	2.76E-03	2.29E-02	0.00E+00	0.00E+00	-8.48E-02	-3.71E-04	2.04E-04	-9.91E-04	0.00E+00	0.00E+00	-1.47E-09	-3.99E-08	2.20E-03	-1.48E+00	0.00E+00	0.00E+00	-9.47E-01	0.00E+00	-2.29E-01	0.00E+00	4.02E-09	-1.18E-08	-7.74E-04	0.00E+00	-1.44E-01	0.00E+00	-2.29E-01	-1.36E-05	-2.29E-01	-2.75E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
MBN313E	-3.86E-03	2.34E-02	2.24E-03	-1.21E-01	0.00E+00	0.00E+00	-1.48E-01	-3.81E-04	2.04E-04	-1.40E-03	0.00E+00	0.00E+00	-1.53E-09	-4.58E-08	1.80E-03	-1.43E+00	0.00E+00	0.00E+00	-9.75E-01	0.00E+00	-2.40E-01	0.00E+00	2.85E-09	-1.50E-08	-1.02E-03	0.00E+00	-1.83E-01	0.00E+00	-2.40E-01	-1.46E-05	-2.40E-01	-3.24E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.79E+01
MBN316	1.72E-03	3.46E-01	8.98E-03	3.37E-01	0.00E+00	0.00E+00	1.99E+00	-1.48E-05	9.00E-04	2.93E-03	0.00E+00	0.00E+00	-8.88E-11	9.35E-09	1.38E-02	2.26E-01	0.00E+00	0.00E+00	1.35E+00	0.00E+00	2.47E+00	0.00E+00	2.22E-08	7.38E-09	6.43E-04	0.00E+00	2.20E-01	0.00E+00	2.47E+00	-3.78E-07	2.47E+00	2.69E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MBN316A	-4.93E-03	-1.17E-01	1.41E-03	-1.25E-01	0.00E+00	0.00E+00	-5.26E-01	-5.08E-04	2.61E-04	-2.99E-03	0.00E+00	0.00E+00	-2.00E-09	-4.32E-08	-1.01E-02	-1.41E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-5.17E-01	0.00E+00	8.75E-10	-2.11E-08	-1.31E-03	0.00E+00	-2.29E-01	0.00E+00	-5.17E-01	-1.37E-05	-5.17E-01	-8.57E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MBN316E	9.58E-04	6.43E-02	5.82E-03	5.84E-02	0.00E+00	0.00E+00	1.50E+00	-1.29E-05	5.82E-04	6.98E-04	0.00E+00	0.00E+00	-1.68E-10	7.06E-09	8.54E-03	-5.17E-01	0.00E+00	0.00E+00	8.87E-01	0.00E+00	1.41E+00	0.00E+00	1.22E-08	2.50E-09	1.32E-04	0.00E+00	5.16E-02	0.00E+00	1.41E+00	-4.46E-07	1.41E+00	1.46E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MBN316P	-8.62E-03	-4.07E-01	-5.38E-03	-4.51E-01	0.00E+00	0.00E+00	-2.77E+00	-7.27E-04	-5.52E-04	-7.10E-03	0.00E+00	0.00E+00	-3.33E-09	-9.62E-08	-1.77E-02	-4.03E+00	0.00E+00	0.00E+00	-3.55E+00	0.00E+00	-3.52E+00	0.00E+00	-1.47E-08	-3.67E-08	-2.48E-03	0.00E+00	-7.86E-01	0.00E+00	-3.52E+00	-2.79E-05	-3.52E+00	-4.43E+00	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
MBN320	-2.83E-04	-2.58E-01	4.59E-05	-2.58E-01	0.00E+00	0.00E+00	-3.46E-01	-9.03E-05	6.00E-04	-2.49E-03	0.00E+00	0.00E+00	-2.38E-09	1.75E-10	-5.33E-04	-1.68E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-2.22E+00	0.00E+00	-7.73E-09	-2.07E-08	-1.21E-03	0.00E+00	-3.16E-01	0.00E+00	-2.22E+00	-4.82E-06	-2.22E+00	-2.54E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-5.13E+01
MBN320A	-6.22E-03	-1.27E-01	1.28E-03	-1.21E-01	0.00E+00	0.00E+00	-7.25E-01	-6.44E-04	3.72E-04	-4.08E-03	0.00E+00	0.00E+00	-1.65E-09	-5.15E-08	-1.41E-02	-1.46E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-6.97E-01	0.00E+00	8.23E-10	-2.15E-08	-1.32E-03	0.00E+00	-2.78E-01	0.00E+00	-6.97E-01	-1.15E-05	-6.97E-01	-8.28E-01	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.69E+01
MBN320E	-1.44E-02	-4.14E-01	-6.37E-03	-4.08E-01	0.00E+00	0.00E+00	-4.05E+00	-1.36E-03	-8.24E-04	-1.03E-02	0.00E+00	0.00E+00	-4.33E-09	-1.58E-07	-6.03E-03	-3.25E+00	0.00E+00	0.00E+00	-4.58E+00	0.00E+00	-4.03E+00	0.00E+00	-1.85E-08	-4.89E-08	-3.49E-03	0.00E+00	-7.31E-01	0.00E+00	-4.03E+00	-4.21E-05	-4.03E+00	-4.77E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MBN320P	-2.12E-02	-6.57E-01	-8.15E-03	-6.45E-01	0.00E+00	0.00E+00	-4.93E+00	-1.85E-03	-1.10E-03	-1.31E-02	0.00E+00	0.00E+00	-4.45E-09	-2.29E-07	-3.37E-02	-1.50E+01	0.00E+00	0.00E+00	-5.40E+00	0.00E+00	-5.31E+00	0.00E+00	-2.47E-08	-6.16E-08	-4.29E-03	0.00E+00	-1.40E+00	0.00E+00	-5.31E+00	-5.53E-05	-5.31E+00	-7.92E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MBN325	-1.69E-02	-3.79E-02	2.92E-03	-4.09E-02	0.00E+00	0.00E+00	-2.20E+00	-1.72E-03	-6.69E-04	-8.71E-03	0.00E+00	0.00E+00	-1.79E-09	-1.97E-07	-2.05E-02	-2.53E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	3.80E-01	0.00E+00	8.38E-09	-2.78E-08	-2.48E-03	0.00E+00	-4.78E-01	0.00E+00	3.80E-01	-4.92E-05	3.80E-01	-9.76E-02	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MBN325A	-1.10E-02	-2.32E-02	1.95E-03	-4.44E-02	0.00E+00	0.00E+00	-1.34E+00	-1.02E-03	4.06E-04	-3.84E-03	0.00E+00	0.00E+00	-2.26E-09	-7.92E-08	-1.72E-02	-1.35E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-5.49E-01	0.00E+00	2.29E-09	-2.64E-08	-1.52E-03	0.00E+00	-2.29E-01	0.00E+00	-5.49E-01	-1.18E-05	-5.49E-01	-7.90E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E+01
MBN325E	-1.65E-02	1.99E-01	3.27E-03	1.96E-01	0.00E+00	0.00E+00	-2.60E+00	-1.74E-03	-5.28E-04	-7.04E-03	0.00E+00	0.00E+00	-2.28E-09	-1.99E-07	8.46E-03	-1.61E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	6.32E-01	0.00E+00	1.14E-08	-2.70E-08	-2.24E-03	0.00E+00	-2.08E-01	0.00E+00	6.32E-01	-5.02E-05	6.32E-01	4.24E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MBN325P	-2.31E-02	-6.69E-01	-8.61E-03	-6.64E-01	0.00E+00	0.00E+00	-5.39E+00	-2.17E-03	-1.17E-03	-1.46E-02	0.00E+00	0.00E+00	-4.61E-09	-2.70E-07	-3.39E-02	-1.63E+01	0.00E+00	0.00E+00	-5.63E+00	0.00E+00	-5.41E+00	0.00E+00	-2.51E-08	-6.96E-08	-4.77E-03	0.00E+00	-1.48E+00	0.00E+00	-5.41E+00	-5.90E-05	-5.41E+00	-8.12E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+02
MBN332	4.35E-03	4.86E-01	1.42E-02	4.71E-01	0.00E+00	0.00E+00	2.96E+00	4.67E-06	2.78E-03	4.36E-03	0.00E+00	0.00E+00	2.38E-10	3.01E-08	-9.94E-03	6.58E-02	0.00E+00	0.00E+00	1.57E+00	0.00E+00	3.46E+00	0.00E+00	3.27E-08	1.40E-08	1.22E-03	0.00E+00	9.94E-02	0.00E+00	3.46E+00	4.72E-08	3.46E+00	3.56E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	5.44E+01
MBN332A	-1.81E-02	-1.59E-01	-3.10E-03	-1.24E-01	0.00E+00	0.00E+00	-3.29E+00	-1.95E-03	-2.93E-04	-1.24E-02	0.00E+00	0.00E+00	-3.31E-09	-2.77E-07	-6.90E-03	-3.31E+00	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-2.26E+00	0.00E+00	-3.90E-09	-5.11E-08	-3.72E-03	0.00E+00	-5.89E-01	0.00E+00	-2.26E+00	-8.46E-05	-2.26E+00	-3.09E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MBN332E	-1.31E-03	2.64E-01	7.43E-03	2.56E-01	0.00E+00	0.00E+00	1.91E-01	-4.76E-04	2.13E-03	-1.70E-04	0.00E+00	0.00E+00	-1.91E-09	-3.07E-08	9.22E-03	1.09E-01	0.00E+00	0.00E+00	-6.21E-01	0.00E+00	7.17E-01	0.00E+00	1.49E-08	-8.70E-09	-3.85E-04	0.00E+00	6.50E-02	0.00E+00	7.17E-01	-1.84E-05	7.17E-01	7.82E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
MBN332P	-2.61E-02	-6.67E-01	-8.95E-03	-6.61E-01	0.00E+00	0.00E+00	-5.52E+00	-2.12E-03	-1.42E-03	-1.83E-02	0.00E+00	0.00E+00	-5.40E-09	-3.43E-07	-3.31E-02	-1.66E+01	0.00E+00	0.00E+00	-5.62E+00	0.00E+00	-5.33E+00	0.00E+00	-2.50E-08	-8.21E-08	-5.14E-03	0.00E+00	-1.45E+00	0.00E+00	-5.33E+00	-8.25E-05	-5.33E+00	-8.14E+00	-1.45E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MBN340	-3.92E-02	-5.34E-01	-1.11E-02	-5.23E-01	0.00E+00	0.00E+00	-1.00E+01	-3.85E-03	-1.88E-03	-2.38E-02	0.00E+00	0.00E+00	-6.88E-09	-4.49E-07	-1.04E-02	-5.18E+00	0.00E+00	0.00E+00	-9.02E+00	0.00E+00	-5.38E+00	0.00E+00	-2.62E-08	-9.03E-08	-7.19E-03	0.00E+00	-1.16E+00	0.00E+00	-5.38E+00	-1.16E-04	-5.38E+00	-6.55E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-3.84E+02
MBN340A	-1.89E-02	-1.53E-01	-2.59E-03	-1.15E-01	0.00E+00	0.00E+00	-4.31E+00	-2.49E-03	-3.66E-04	-1.63E-02	0.00E+00	0.00E+00	-3.70E-09	-3.48E-07	-4.04E-03	-3.66E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-2.34E+00	0.00E+00	-3.92E-09	-6.15E-08	-3.76E-03	0.00E+00	-6.74E-01	0.00E+00	-2.34E+00	-8.82E-05	-2.34E+00	-3.45E+00	-6.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MBN340E	-3.30E-02	-1.96E-01	-2.03E-03	-1.94E-01	0.00E+00	0.00E+00	-6.61E+00	-3.35E-03	-1.13E-03	-1.82E-02	0.00E+00	0.00E+00	-4.17E-09	-3.85E-07	-2.59E-02	-4.11E+00	0.00E+00	0.00E+00	-6.14E+00	0.00E+00	-1.42E+00	0.00E+00	-1.05E-09	-6.01E-08	-5.17E-03	0.00E+00	-8.97E-01	0.00E+00	-1.42E+00	-9.67E-05	-1.42E+00	-2.31E+00	-8.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
MBN340P	-2.89E-02	-6.27E-01	-8.96E-03	-6.47E-01	0.00E+00	0.00E+00	-6.53E+00	-2.43E-03	-1.54E-03	-2.01E-02	0.00E+00	0.00E+00	-5.86E-09	-3.60E-07	-3.29E-02	-1.63E+01	0.00E+00	0.00E+00	-6.35E+00	0.00E+00	-4.82E+00	0.00E+00	-2.43E-08	-8.58E-08	-5.55E-03	0.00E+00	-1.54E+00	0.00E+00	-4.82E+00	-9.94E-05	-4.82E+00	-7.32E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MBN350	-3.79E-02	-1.02E-01	-1.12E-03	-1.00E-01	0.00E+00	0.00E+00	-6.57E+00	-3.77E-03	-1.40E-03	-1.57E-02	0.00E+00	0.00E+00	-5.56E-09	-3.43E-07	2.64E-03	-2.22E+00	0.00E+00	0.00E+00	-5.31E+00	0.00E+00	-1.09E-01	0.00E+00	2.57E-09	-6.06E-08	-3.77E-03	0.00E+00	-5.26E-01	0.00E+00	-1.09E-01	-9.57E-05	-1.09E-01	-7.82E-01	-5.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MBN350A	-4.05E-02	-2.40E-01	-6.06E-03	-2.73E-01	0.00E+00	0.00E+00	-8.58E+00	-4.42E-03	-1.38E-03	-2.50E-02	0.00E+00	0.00E+00	-6.14E-09	-4.28E-07	-6.82E-03	-4.87E+00	0.00E+00	0.00E+00	-7.40E+00	0.00E+00	-3.12E+00	0.00E+00	-1.78E-08	-8.75E-08	-6.20E-03	0.00E+00	-1.00E+00	0.00E+00	-3.12E+00	-1.22E-04	-3.12E+00	-4.50E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.38E+02
MBN350E	-4.64E-02	1.10E-01	-1.57E-03	1.12E-01	0.00E+00	0.00E+00	-9.73E+00	-4.75E-03	-1.76E-03	-2.29E-02	0.00E+00	0.00E+00	-5.50E-09	-5.51E-07	4.28E-03	-4.39E+00	0.00E+00	0.00E+00	-7.58E+00	0.00E+00	-8.87E-01	0.00E+00	4.00E-09	-7.72E-08	-6.66E-03	0.00E+00	-7.81E-01	0.00E+00	-8.87E-01	-1.36E-04	-8.87E-01	-1.67E+00	-7.81E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+02
MBN350P	-3.64E-02	-2.44E-01	-6.05E-03	-1.72E-01	0.00E+00	0.00E+00	-6.65E+00	-3.18E-03	-1.55E-03	-2.18E-02	0.00E+00	0.00E+00	-5.81E-09	-3.80E-07	-1.49E-02	-3.14E+00	0.00E+00	0.00E+00	-5.77E+00	0.00E+00	-1.74E+00	0.00E+00	-1.04E-10	-7.18E-08	-4.58E-03	0.00E+00	-7.76E-01	0.00E+00	-1.74E+00	-1.17E-04	-1.74E+00	-2.52E+00	-7.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+02
MBN363	-3.97E-02	-1.65E-01	-1.32E-03	-2.98E-01	0.00E+00	0.00E+00	-7.43E+00	-4.15E-03	-1.80E-03	-2.00E-02	0.00E+00	0.00E+00	-5.66E-09	-4.87E-07	-7.42E-03	-3.28E+00	0.00E+00	0.00E+00	-6.52E+00	0.00E+00	-2.32E+00	0.00E+00	3.17E-09	-7.21E-08	-4.82E-03	0.00E+00	-9.41E-01	0.00E+00	-2.32E+00	-9.54E-05	-2.32E+00	-3.16E+00	-9.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+02
MBN363A	-4.33E-02	-2.90E-01	-7.52E-03	-3.65E-01	0.00E+00	0.00E+00	-1.02E+01	-4.63E-03	-1.81E-03	-2.74E-02	0.00E+00	0.00E+00	-6.40E-09	-5.46E-07	-6.48E-03	-5.26E+00	0.00E+00	0.00E+00	-8.68E+00	0.00E+00	-4.30E+00	0.00E+00	-1.85E-08	-9.15E-08	-6.80E-03	0.00E+00	-1.15E+00	0.00E+00	-4.30E+00	-1.31E-04	-4.30E+00	-5.58E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.80E+02
MBN363E	-4.90E-02	-5.07E-01	-9.44E-03	-4.97E-01	0.00E+00	0.00E+00	-1.16E+01	-4.86E-03	-2.24E-03	-2.85E-02	0.00E+00	0.00E+00	-7.12E-09	-5.65E-07	-3.60E-02	-6.02E+00	0.00E+00	0.00E+00	-9.95E+00	0.00E+00	-4.99E+00	0.00E+00	-2.18E-08	-1.02E-07	-8.39E-03	0.00E+00	-1.38E+00	0.00E+00	-4.99E+00	-1.41E-04	-4.99E+00	-6.38E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-4.24E+02
MBN363P	-3.61E-02	-2.07E-01	-5.75E-03	-1.84E-01	0.00E+00	0.00E+00	-8.20E+00	-3.33E-03	-1.48E-03	-2.20E-02	0.00E+00	0.00E+00	-5.82E-09	-4.35E-07	-1.37E-02	-3.09E+00	0.00E+00	0.00E+00	-7.02E+00	0.00E+00	-1.70E+00	0.00E+00	3.03E-10	-7.12E-08	-5.49E-03	0.00E+00	-7.28E-01	0.00E+00	-1.70E+00	-1.14E-04	-1.70E+00	-2.62E+00	-7.28E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+02
MBN406	-1.22E-02	-6.64E-02	4.66E-03	2.55E-03	0.00E+00	0.00E+00	-4.84E-01	-9.99E-04	-1.32E-04	-4.18E-03	0.00E+00	0.00E+00	-1.32E-09	-8.72E-08	-6.45E-04	-1.75E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-2.13E-01	0.00E+00	9.34E-09	-1.52E-08	-1.39E-03	0.00E+00	-2.20E-01	0.00E+00	-2.13E-01	-2.46E-05	-2.13E-01	-3.55E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
MBN406E	-1.24E-02	-4.90E-02	5.24E-03	2.80E-02	0.00E+00	0.00E+00	-5.66E-01	-1.00E-03	-1.53E-04	-4.80E-03	0.00E+00	0.00E+00	-1.15E-09	-1.08E-07	-5.27E-04	-1.79E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	1.46E-01	0.00E+00	1.18E-08	-1.56E-08	-1.35E-03	0.00E+00	-2.21E-01	0.00E+00	1.46E-01	-2.60E-05	1.46E-01	-2.03E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-7.23E+01
MBN406P	-1.77E-02	-6.10E-01	-7.33E-03	-6.10E-01	0.00E+00	0.00E+00	-4.99E+00	-1.75E-03	-5.25E-04	-1.22E-02	0.00E+00	0.00E+00	-4.10E-09	-1.55E-07	-2.79E-02	-4.49E+00	0.00E+00	0.00E+00	-5.62E+00	0.00E+00	-5.11E+00	0.00E+00	-2.33E-08	-5.75E-08	-3.47E-03	0.00E+00	-9.41E-01	0.00E+00	-5.11E+00	-4.02E-05	-5.11E+00	-7.25E+00	-9.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
MBN410	-8.11E-03	-1.20E-01	3.51E-03	-1.27E-01	0.00E+00	0.00E+00	-2.72E-01	-7.39E-04	2.00E-04	-3.42E-03	0.00E+00	0.00E+00	-1.77E-09	-5.68E-08	-1.42E-03	-1.65E+00	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-1.07E+00	0.00E+00	5.17E-09	-2.17E-08	-1.38E-03	0.00E+00	-3.10E-01	0.00E+00	-1.07E+00	-2.20E-05	-1.07E+00	-1.15E+00	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
MBN410E	-8.11E-03	-1.22E-01	3.44E-03	-1.29E-01	0.00E+00	0.00E+00	-2.45E-01	-7.29E-04	2.00E-04	-3.26E-03	0.00E+00	0.00E+00	-1.78E-09	-5.20E-08	-1.42E-03	-1.66E+00	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-1.07E+00	0.00E+00	5.17E-09	-2.16E-08	-1.36E-03	0.00E+00	-3.18E-01	0.00E+00	-1.07E+00	-2.01E-05	-1.07E+00	-1.15E+00	-3.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
MBN410P	-1.75E-02	-5.84E-01	-7.34E-03	-5.91E-01	0.00E+00	0.00E+00	-5.19E+00	-1.70E-03	-5.10E-04	-1.24E-02	0.00E+00	0.00E+00	-4.32E-09	-1.59E-07	-2.66E-02	-4.43E+00	0.00E+00	0.00E+00	-5.93E+00	0.00E+00	-5.19E+00	0.00E+00	-2.35E-08	-6.01E-08	-3.68E-03	0.00E+00	-8.46E-01	0.00E+00	-5.19E+00	-4.39E-05	-5.19E+00	-7.07E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+02
MBN413	-7.75E-03	-1.24E-01	3.61E-03	-1.31E-01	0.00E+00	0.00E+00	-7.39E-02	-4.69E-04	2.92E-04	-3.86E-03	0.00E+00	0.00E+00	-1.50E-09	-4.12E-08	6.35E-04	-1.81E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-7.74E-01	0.00E+00	7.47E-09	-2.23E-08	-1.18E-03	0.00E+00	-3.17E-01	0.00E+00	-7.74E-01	-1.84E-05	-7.74E-01	-7.94E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-5.43E+01
MBN413E	-7.76E-03	-1.25E-01	3.44E-03	-1.38E-01	0.00E+00	0.00E+00	1.48E-01	-4.55E-04	2.92E-04	-3.37E-03	0.00E+00	0.00E+00	-1.48E-09	-2.85E-08	-3.31E-04	-1.73E+00	0.00E+00	0.00E+00	-8.83E-01	0.00E+00	-5.92E-01	0.00E+00	8.49E-09	-2.12E-08	-1.15E-03	0.00E+00	-3.16E-01	0.00E+00	-5.92E-01	-1.67E-05	-5.92E-01	-6.92E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
MBN416	-1.09E-02	-1.40E-01	4.29E-03	-1.19E-01	0.00E+00	0.00E+00	3.96E-01	-8.86E-04	1.55E-04	-2.97E-03	0.00E+00	0.00E+00	-1.49E-09	-4.75E-08	-1.05E-03	-1.87E+00	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-5.27E-01	0.00E+00	7.65E-09	-2.09E-08	-1.38E-03	0.00E+00	-3.26E-01	0.00E+00	-5.27E-01	-2.95E-05	-5.27E-01	-7.40E-01	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MBN416E	-2.94E-04	-2.76E-01	6.70E-04	-2.77E-01	0.00E+00	0.00E+00	2.21E-02	-9.53E-05	6.47E-04	-2.59E-03	0.00E+00	0.00E+00	-2.80E-09	7.48E-10	1.63E-03	-2.42E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-2.08E+00	0.00E+00	-5.50E-09	-2.23E-08	-1.27E-03	0.00E+00	-4.37E-01	0.00E+00	-2.08E+00	-5.54E-06	-2.08E+00	-2.52E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MBN416P	-2.42E-02	-4.60E-01	-7.79E-03	-5.52E-01	0.00E+00	0.00E+00	-4.63E+00	-1.83E-03	-8.86E-04	-1.58E-02	0.00E+00	0.00E+00	-4.68E-09	-3.30E-07	-2.61E-02	-4.15E+00	0.00E+00	0.00E+00	-4.84E+00	0.00E+00	-4.07E+00	0.00E+00	-1.71E-08	-6.46E-08	-4.75E-03	0.00E+00	-8.72E-01	0.00E+00	-4.07E+00	-8.91E-05	-4.07E+00	-6.01E+00	-8.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+02
MBN420	-8.88E-03	-1.30E-01	3.51E-03	2.78E-02	0.00E+00	0.00E+00	4.91E-01	-9.67E-04	2.97E-04	-3.88E-03	0.00E+00	0.00E+00	-1.49E-09	-6.66E-08	3.71E-03	-1.99E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	4.70E-01	0.00E+00	1.46E-08	-1.65E-08	-1.01E-03	0.00E+00	-3.23E-01	0.00E+00	4.70E-01	-2.99E-05	4.70E-01	1.77E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MBN420E	-8.01E-03	-8.71E-02	3.63E-03	4.74E-02	0.00E+00	0.00E+00	7.92E-01	-6.28E-04	7.41E-04	-3.35E-03	0.00E+00	0.00E+00	-1.39E-09	-3.93E-08	4.87E-03	-1.80E+00	0.00E+00	0.00E+00	-6.20E-01	0.00E+00	8.43E-01	0.00E+00	1.46E-08	-1.45E-08	-7.39E-04	0.00E+00	-3.12E-01	0.00E+00	8.43E-01	-2.59E-05	8.43E-01	9.23E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
MBN420P	-2.84E-02	-6.50E-01	-8.45E-03	-6.54E-01	0.00E+00	0.00E+00	-6.70E+00	-2.51E-03	3.68E-04	-1.96E-02	0.00E+00	0.00E+00	-4.63E-09	-2.66E-07	-3.14E-02	-1.49E+01	0.00E+00	0.00E+00	-6.64E+00	0.00E+00	-5.32E+00	0.00E+00	-2.49E-08	-7.55E-08	-4.92E-03	0.00E+00	-1.48E+00	0.00E+00	-5.32E+00	-5.90E-05	-5.32E+00	-7.81E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MBN425	-1.81E-02	-5.30E-02	3.22E-03	-5.63E-03	0.00E+00	0.00E+00	-1.77E+00	-1.76E-03	-4.92E-04	-8.56E-03	0.00E+00	0.00E+00	-3.97E-09	-2.08E-07	6.30E-03	-2.23E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	6.78E-01	0.00E+00	7.61E-09	-2.94E-08	-2.86E-03	0.00E+00	-3.50E-01	0.00E+00	6.78E-01	-5.30E-05	6.78E-01	4.07E-01	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-9.54E+01
MBN425E	-2.27E-02	-9.35E-02	2.07E-03	-9.55E-02	0.00E+00	0.00E+00	-3.66E+00	-2.32E-03	-9.40E-04	-1.22E-02	0.00E+00	0.00E+00	-3.10E-09	-2.66E-07	7.47E-03	-2.64E+00	0.00E+00	0.00E+00	-3.26E+00	0.00E+00	-5.63E-02	0.00E+00	5.72E-09	-4.10E-08	-3.63E-03	0.00E+00	-3.79E-01	0.00E+00	-5.63E-02	-6.70E-05	-5.63E-02	-4.36E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MBN425P	-3.23E-02	-6.52E-01	-8.66E-03	-6.53E-01	0.00E+00	0.00E+00	-6.93E+00	-2.95E-03	-1.05E-03	-1.93E-02	0.00E+00	0.00E+00	-5.71E-09	-3.61E-07	-3.17E-02	-1.55E+01	0.00E+00	0.00E+00	-7.23E+00	0.00E+00	-5.27E+00	0.00E+00	-2.50E-08	-8.26E-08	-5.54E-03	0.00E+00	-1.52E+00	0.00E+00	-5.27E+00	-9.10E-05	-5.27E+00	-7.82E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+02
MBN432	-2.61E-02	-4.34E-02	1.31E-03	-6.31E-02	0.00E+00	0.00E+00	-5.19E+00	-2.79E-03	1.39E-03	-1.73E-02	0.00E+00	0.00E+00	-3.58E-09	-2.37E-07	-4.11E-03	-3.34E+00	0.00E+00	0.00E+00	-5.06E+00	0.00E+00	-1.41E+00	0.00E+00	8.67E-09	-4.66E-08	-2.80E-03	0.00E+00	-8.46E-01	0.00E+00	-1.41E+00	-7.67E-05	-1.41E+00	-1.55E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MBN432E	-1.79E-02	-5.59E-02	1.05E-03	-7.15E-02	0.00E+00	0.00E+00	-6.05E+00	-8.77E-04	1.70E-03	-3.18E-03	0.00E+00	0.00E+00	-4.07E-09	-8.95E-08	-4.05E-03	-2.27E+00	0.00E+00	0.00E+00	-5.93E+00	0.00E+00	-2.94E+00	0.00E+00	7.91E-09	-2.64E-08	-1.40E-03	0.00E+00	-1.06E+00	0.00E+00	-2.94E+00	-5.04E-05	-2.94E+00	-4.31E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MBN432P	-3.76E-02	-6.55E-01	-9.12E-03	-6.53E-01	0.00E+00	0.00E+00	-8.82E+00	-3.83E-03	-1.63E-03	-2.42E-02	0.00E+00	0.00E+00	-6.83E-09	-3.55E-07	-3.23E-02	-1.56E+01	0.00E+00	0.00E+00	-7.92E+00	0.00E+00	-5.50E+00	0.00E+00	-2.50E-08	-1.01E-07	-5.66E-03	0.00E+00	-1.58E+00	0.00E+00	-5.50E+00	-1.06E-04	-5.50E+00	-8.08E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-3.34E+02
MBN440	-2.40E-02	-5.95E-02	3.08E-04	-8.84E-02	0.00E+00	0.00E+00	-6.04E+00	-3.35E-03	6.23E-04	-2.23E-02	0.00E+00	0.00E+00	-4.14E-09	-5.02E-07	-2.42E-03	-2.88E+00	0.00E+00	0.00E+00	-5.34E+00	0.00E+00	-9.81E-01	0.00E+00	8.74E-09	-6.14E-08	-3.83E-03	0.00E+00	-8.95E-01	0.00E+00	-9.81E-01	-7.94E-05	-9.81E-01	-1.15E+00	-8.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MBN440E	-1.23E-02	-9.17E-02	-1.32E-03	-2.46E-01	0.00E+00	0.00E+00	-6.33E+00	-1.47E-03	-6.36E-04	-1.83E-02	0.00E+00	0.00E+00	-4.44E-09	-4.14E-07	-2.64E-03	-1.49E+00	0.00E+00	0.00E+00	-5.55E+00	0.00E+00	-1.87E+00	0.00E+00	-7.49E-09	-5.48E-08	-4.40E-03	0.00E+00	-9.66E-01	0.00E+00	-1.87E+00	-4.56E-05	-1.87E+00	-3.23E+00	-9.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
MBN440P	-3.63E-02	-6.18E-01	-8.56E-03	-6.35E-01	0.00E+00	0.00E+00	-8.09E+00	-3.69E-03	-1.69E-03	-2.50E-02	0.00E+00	0.00E+00	-7.61E-09	-4.34E-07	-3.20E-02	-1.62E+01	0.00E+00	0.00E+00	-7.42E+00	0.00E+00	-4.46E+00	0.00E+00	-1.85E-08	-1.09E-07	-5.83E-03	0.00E+00	-1.62E+00	0.00E+00	-4.46E+00	-9.73E-05	-4.46E+00	-6.91E+00	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	-3.11E+02
MBN450	-4.82E-02	-2.29E-01	-5.25E-03	-3.37E-01	0.00E+00	0.00E+00	-9.02E+00	-5.29E-03	-2.64E-03	-3.13E-02	0.00E+00	0.00E+00	-8.34E-09	-6.56E-07	-2.96E-03	-6.65E+00	0.00E+00	0.00E+00	-7.39E+00	0.00E+00	-3.07E+00	0.00E+00	-6.47E-09	-1.15E-07	-8.41E-03	0.00E+00	-1.41E+00	0.00E+00	-3.07E+00	-1.51E-04	-3.07E+00	-4.35E+00	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
MBN450E	-4.97E-02	-2.06E-01	-4.32E-03	-3.28E-01	0.00E+00	0.00E+00	-1.02E+01	-5.30E-03	-2.61E-03	-3.18E-02	0.00E+00	0.00E+00	-8.60E-09	-6.58E-07	-5.35E-03	-6.60E+00	0.00E+00	0.00E+00	-8.86E+00	0.00E+00	-3.35E+00	0.00E+00	-7.09E-09	-1.16E-07	-9.16E-03	0.00E+00	-1.39E+00	0.00E+00	-3.35E+00	-1.60E-04	-3.35E+00	-4.75E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-3.84E+02
MBN450P	-4.91E-02	-2.31E-01	-6.46E-03	-1.89E-01	0.00E+00	0.00E+00	-1.09E+01	-4.29E-03	-2.42E-03	-2.82E-02	0.00E+00	0.00E+00	-8.24E-09	-4.96E-07	-1.77E-02	-4.11E+00	0.00E+00	0.00E+00	-1.00E+01	0.00E+00	-2.32E+00	0.00E+00	-8.58E-09	-1.12E-07	-9.42E-03	0.00E+00	-1.05E+00	0.00E+00	-2.32E+00	-1.55E-04	-2.32E+00	-3.47E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.22E+02
MBN463	-4.27E-02	-2.36E-01	-4.05E-03	-3.53E-01	0.00E+00	0.00E+00	-8.81E+00	-5.38E-03	-2.39E-03	-3.14E-02	0.00E+00	0.00E+00	-8.29E-09	-6.58E-07	-4.29E-03	-6.39E+00	0.00E+00	0.00E+00	-7.41E+00	0.00E+00	-2.96E+00	0.00E+00	-6.78E-09	-1.15E-07	-8.25E-03	0.00E+00	-1.37E+00	0.00E+00	-2.96E+00	-1.35E-04	-2.96E+00	-4.43E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+02
MBN463E	-4.41E-02	-2.41E-01	-4.13E-03	-3.56E-01	0.00E+00	0.00E+00	-1.05E+01	-5.51E-03	-2.50E-03	-3.17E-02	0.00E+00	0.00E+00	-8.61E-09	-6.69E-07	-4.77E-03	-6.59E+00	0.00E+00	0.00E+00	-9.26E+00	0.00E+00	-3.25E+00	0.00E+00	-7.11E-09	-1.16E-07	-9.17E-03	0.00E+00	-1.38E+00	0.00E+00	-3.25E+00	-1.48E-04	-3.25E+00	-4.97E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-3.95E+02
MBN463P	-4.21E-02	-2.18E-01	-6.13E-03	-1.92E-01	0.00E+00	0.00E+00	-9.53E+00	-3.82E-03	-1.67E-03	-2.49E-02	0.00E+00	0.00E+00	-7.79E-09	-4.58E-07	-1.53E-02	-3.84E+00	0.00E+00	0.00E+00	-8.28E+00	0.00E+00	-1.34E+00	0.00E+00	-8.65E-09	-9.44E-08	-7.63E-03	0.00E+00	-8.49E-01	0.00E+00	-1.34E+00	-1.22E-04	-1.34E+00	-2.50E+00	-8.49E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E+02
MBN506	-2.36E-03	-1.55E-02	2.99E-03	-1.05E-02	0.00E+00	0.00E+00	-7.03E-02	-1.85E-04	2.24E-04	-1.21E-03	0.00E+00	0.00E+00	-1.31E-09	-1.43E-08	-8.37E-03	-9.37E-01	0.00E+00	0.00E+00	-7.38E-01	0.00E+00	-5.70E-02	0.00E+00	2.60E-09	-1.02E-08	-5.99E-04	0.00E+00	-2.02E-01	0.00E+00	-5.70E-02	-7.39E-06	-5.70E-02	-2.81E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
MBN506E	-5.35E-04	-1.86E-01	-1.02E-03	-1.85E-01	0.00E+00	0.00E+00	-4.08E-01	-6.15E-05	1.83E-04	-1.84E-03	0.00E+00	0.00E+00	-1.71E-09	-2.39E-09	-1.16E-03	-7.90E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.71E+00	0.00E+00	-6.61E-09	-1.50E-08	-8.75E-04	0.00E+00	-1.91E-01	0.00E+00	-1.71E+00	-3.37E-06	-1.71E+00	-1.90E+00	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
MBN510	-2.05E-03	-5.87E-03	3.45E-03	-1.96E-03	0.00E+00	0.00E+00	-1.04E-01	-2.07E-04	2.63E-04	-9.09E-04	0.00E+00	0.00E+00	-1.28E-09	-1.44E-08	-1.19E-02	-9.05E-01	0.00E+00	0.00E+00	-8.30E-01	0.00E+00	-1.24E-01	0.00E+00	2.72E-09	-9.09E-09	-6.65E-04	0.00E+00	-1.85E-01	0.00E+00	-1.24E-01	-6.89E-06	-1.24E-01	-4.08E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.51E+01
MBN510E	-7.17E-04	-2.25E-01	-1.52E-03	-2.23E-01	0.00E+00	0.00E+00	-4.34E-01	-6.14E-05	1.59E-04	-2.13E-03	0.00E+00	0.00E+00	-1.76E-09	-2.66E-09	-2.03E-02	-1.32E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-2.09E+00	0.00E+00	-7.57E-09	-1.72E-08	-9.57E-04	0.00E+00	-3.90E-01	0.00E+00	-2.09E+00	-3.46E-06	-2.09E+00	-2.48E+00	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-6.01E+01
MBN513	-3.73E-03	2.78E-02	2.27E-03	3.60E-02	0.00E+00	0.00E+00	-2.72E-02	-5.58E-04	1.47E-04	-2.33E-03	0.00E+00	0.00E+00	-8.67E-10	-7.22E-08	-6.60E-04	-7.66E-01	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	4.79E-01	0.00E+00	7.84E-09	-1.14E-08	-6.71E-04	0.00E+00	-1.89E-01	0.00E+00	4.79E-01	-1.36E-05	4.79E-01	1.83E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
MBN513E	-1.86E-03	4.20E-02	4.64E-03	5.68E-02	0.00E+00	0.00E+00	2.48E-01	-2.10E-04	2.50E-04	-1.73E-05	0.00E+00	0.00E+00	-3.83E-10	-3.98E-09	-8.99E-03	-6.04E-01	0.00E+00	0.00E+00	-1.49E-01	0.00E+00	1.30E-01	0.00E+00	5.78E-09	-3.12E-09	-4.13E-04	0.00E+00	-8.08E-02	0.00E+00	1.30E-01	-7.32E-06	1.30E-01	-8.87E-02	-8.08E-02	0.00E+00	0.00E+00	0.00E+00	-9.67E+00
MBN516	-2.43E-03	1.62E-02	2.59E-03	2.24E-02	0.00E+00	0.00E+00	1.60E-01	-4.24E-04	1.37E-04	-1.52E-03	0.00E+00	0.00E+00	-7.25E-10	-4.67E-08	-1.58E-03	-6.83E-01	0.00E+00	0.00E+00	-1.41E-01	0.00E+00	3.67E-01	0.00E+00	7.16E-09	-8.37E-09	-5.02E-04	0.00E+00	-1.47E-01	0.00E+00	3.67E-01	-8.52E-06	3.67E-01	2.84E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MBN516E	1.06E-03	9.83E-02	6.02E-03	9.22E-02	0.00E+00	0.00E+00	1.59E+00	3.12E-06	5.29E-04	1.07E-03	0.00E+00	0.00E+00	2.69E-10	7.69E-09	8.93E-03	-6.75E-01	0.00E+00	0.00E+00	1.17E+00	0.00E+00	1.77E+00	0.00E+00	1.31E-08	5.89E-09	3.31E-04	0.00E+00	4.72E-02	0.00E+00	1.77E+00	3.85E-07	1.77E+00	1.81E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MBN520	-2.01E-03	5.71E-02	4.44E-03	5.23E-02	0.00E+00	0.00E+00	2.25E-01	-2.69E-04	3.49E-04	-3.90E-04	0.00E+00	0.00E+00	-3.43E-10	-1.70E-08	-6.31E-03	-5.74E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	1.23E-01	0.00E+00	5.66E-09	-5.53E-09	-4.54E-04	0.00E+00	-7.94E-02	0.00E+00	1.23E-01	-9.12E-06	1.23E-01	-5.46E-03	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
MBN520E	-6.07E-05	2.47E-01	6.45E-03	2.40E-01	0.00E+00	0.00E+00	1.30E+00	-1.40E-04	6.71E-04	1.45E-03	0.00E+00	0.00E+00	-3.05E-12	-8.11E-09	-8.33E-03	1.44E-01	0.00E+00	0.00E+00	5.26E-01	0.00E+00	1.81E+00	0.00E+00	1.73E-08	4.26E-09	3.62E-04	0.00E+00	4.46E-02	0.00E+00	1.81E+00	-4.87E-06	1.81E+00	1.85E+00	4.46E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
MBN525	-2.25E-03	1.31E-01	4.79E-03	8.58E-02	0.00E+00	0.00E+00	6.18E-02	-3.00E-04	5.02E-04	3.75E-04	0.00E+00	0.00E+00	-4.88E-10	-1.10E-08	6.64E-03	-3.09E-01	0.00E+00	0.00E+00	-9.68E-02	0.00E+00	5.17E-01	0.00E+00	7.76E-09	-3.01E-09	-2.55E-04	0.00E+00	4.46E-02	0.00E+00	5.17E-01	-1.04E-05	5.17E-01	2.78E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01

MBN525E	4.19E-04	2.94E-01	7.77E-03	2.86E-01	0.00E+00	0.00E+00	1.46E+00	-1.39E-04	8.98E-04	1.86E-03	0.00E+00	0.00E+00	1.39E-10	-5.56E-09	1.13E-02	2.74E-01	0.00E+00	0.00E+00	1.13E+00	0.00E+00	2.31E+00	0.00E+00	1.90E-08	7.09E-09	4.91E-04	0.00E+00	2.05E-01	0.00E+00	2.31E+00	-4.69E-06	2.31E+00	2.52E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
MBN532	-9.16E-03	3.68E-02	2.47E-03	2.20E-02	0.00E+00	0.00E+00	-1.11E+00	-8.60E-04	1.69E-04	-3.63E-03	0.00E+00	0.00E+00	-1.99E-09	-8.99E-08	-1.61E-03	-1.44E+00	0.00E+00	0.00E+00	-9.58E-01	0.00E+00	8.53E-01	0.00E+00	8.74E-09	-1.72E-08	-9.12E-04	0.00E+00	-2.02E-01	0.00E+00	8.53E-01	-2.87E-05	8.53E-01	4.97E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
MBN532E	3.09E-03	3.55E-01	1.00E-02	3.45E-01	0.00E+00	0.00E+00	2.02E+00	3.33E-06	1.88E-03	3.18E-03	0.00E+00	0.00E+00	2.46E-10	2.05E-08	1.27E-02	1.25E-01	0.00E+00	0.00E+00	1.50E+00	0.00E+00	2.70E+00	0.00E+00	2.27E-08	1.15E-08	8.98E-04	0.00E+00	2.05E-01	0.00E+00	2.70E+00	1.93E-07	2.70E+00	2.91E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
MBN540	-1.05E-02	5.04E-02	1.84E-03	2.64E-02	0.00E+00	0.00E+00	-1.29E+00	-8.54E-04	2.95E-04	-6.62E-03	0.00E+00	0.00E+00	-2.21E-09	-1.30E-07	-2.07E-03	-1.79E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	8.34E-01	0.00E+00	8.46E-09	-2.55E-08	-1.25E-03	0.00E+00	-3.05E-01	0.00E+00	8.34E-01	-3.03E-05	8.34E-01	4.42E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-6.35E+01
MBN540E	2.60E-03	2.61E-01	8.09E-03	2.53E-01	0.00E+00	0.00E+00	1.58E+00	-1.00E-05	1.80E-03	2.29E-03	0.00E+00	0.00E+00	-2.17E-10	1.82E-08	-8.52E-03	-1.02E-01	0.00E+00	0.00E+00	6.15E-01	0.00E+00	1.60E+00	0.00E+00	1.77E-08	5.06E-09	5.67E-04	0.00E+00	3.18E-03	0.00E+00	1.60E+00	-7.22E-07	1.60E+00	1.60E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.95E+01
MBN550	-9.47E-03	8.06E-02	2.54E-03	6.74E-02	0.00E+00	0.00E+00	-1.10E+00	-9.18E-04	5.32E-04	-4.57E-03	0.00E+00	0.00E+00	-1.84E-09	-1.18E-07	-2.29E-03	-1.24E+00	0.00E+00	0.00E+00	-9.25E-01	0.00E+00	8.64E-01	0.00E+00	8.17E-09	-1.99E-08	-1.10E-03	0.00E+00	-2.16E-01	0.00E+00	8.64E-01	-3.18E-05	8.64E-01	6.47E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.91E+01
MBN550E	3.15E-03	1.21E-01	1.03E-02	1.11E-01	0.00E+00	0.00E+00	2.24E+00	4.26E-06	2.14E-03	1.42E-03	0.00E+00	0.00E+00	4.06E-10	2.45E-08	-7.30E-03	-5.20E-01	0.00E+00	0.00E+00	1.59E+00	0.00E+00	2.16E+00	0.00E+00	1.82E-08	8.49E-09	5.30E-04	0.00E+00	3.16E-02	0.00E+00	2.16E+00	3.78E-07	2.16E+00	2.19E+00	3.16E-02	0.00E+00	0.00E+00	0.00E+00	5.97E+01
MBN563	-1.30E-02	8.33E-02	2.30E-03	4.06E-02	0.00E+00	0.00E+00	-2.16E+00	-1.40E-03	7.10E-04	-6.82E-03	0.00E+00	0.00E+00	-2.31E-09	-2.05E-07	-1.91E-03	-1.66E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	7.40E-01	0.00E+00	1.06E-08	-2.24E-08	-1.67E-03	0.00E+00	-4.04E-01	0.00E+00	7.40E-01	-6.43E-05	7.40E-01	5.53E-01	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.74E+01
MBN563E	3.68E-03	3.67E-01	1.13E-02	3.56E-01	0.00E+00	0.00E+00	2.28E+00	3.61E-06	2.32E-03	3.31E-03	0.00E+00	0.00E+00	1.70E-10	2.49E-08	1.38E-02	3.75E-01	0.00E+00	0.00E+00	1.57E+00	0.00E+00	2.93E+00	0.00E+00	2.45E-08	1.24E-08	9.56E-04	0.00E+00	2.55E-01	0.00E+00	2.93E+00	-1.09E-08	2.93E+00	3.18E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
MBN606	-1.02E-02	9.87E-02	5.10E-03	9.80E-02	0.00E+00	0.00E+00	-5.91E-01	-9.99E-04	4.47E-05	-1.53E-03	0.00E+00	0.00E+00	-1.25E-09	-9.68E-08	-4.11E-03	-1.28E+00	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	1.89E-01	0.00E+00	1.01E-08	-1.15E-08	-7.90E-04	0.00E+00	-1.94E-01	0.00E+00	1.89E-01	-2.64E-05	1.89E-01	1.32E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.94E+01
MBN606E	-9.32E-03	4.11E-01	8.68E-03	4.03E-01	0.00E+00	0.00E+00	2.86E-01	-1.05E-03	-1.02E-04	-1.72E-03	0.00E+00	0.00E+00	-8.38E-10	-1.18E-07	-1.99E-02	-1.12E+00	0.00E+00	0.00E+00	-5.92E-01	0.00E+00	2.50E+00	0.00E+00	2.68E-08	-8.39E-09	-6.60E-04	0.00E+00	-1.93E-01	0.00E+00	2.50E+00	-2.97E-05	2.50E+00	2.31E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
MBN610	-7.97E-03	-8.83E-02	5.16E-03	-1.89E-03	0.00E+00	0.00E+00	-6.07E-01	-9.50E-04	1.68E-04	-1.87E-03	0.00E+00	0.00E+00	-1.28E-09	-6.77E-08	4.08E-03	-1.53E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-1.04E+00	0.00E+00	8.54E-09	-1.28E-08	-9.71E-04	0.00E+00	-1.76E-01	0.00E+00	-1.04E+00	-2.23E-05	-1.04E+00	-1.20E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.05E+01
MBN610E	-1.05E-02	-4.75E-02	3.46E-03	-5.10E-02	0.00E+00	0.00E+00	-7.97E-01	-1.09E-03	-4.24E-04	-5.58E-03	0.00E+00	0.00E+00	-1.88E-09	-1.23E-07	8.96E-03	-2.76E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	5.67E-01	0.00E+00	8.91E-09	-2.06E-08	-1.75E-03	0.00E+00	-3.62E-01	0.00E+00	5.67E-01	-3.20E-05	5.67E-01	2.05E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.19E+01
MBN613	-7.79E-03	-1.20E-01	3.53E-03	-8.35E-02	0.00E+00	0.00E+00	-1.08E+00	-9.68E-04	-3.15E-05	-2.43E-03	0.00E+00	0.00E+00	-3.00E-09	-4.32E-08	1.81E-03	-1.60E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-1.77E+00	0.00E+00	1.20E-09	-1.76E-08	-1.75E-03	0.00E+00	-2.68E-01	0.00E+00	-1.77E+00	-2.40E-05	-1.77E+00	-2.18E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-9.88E+01
MBN613E	-7.61E-03	-1.42E-01	3.07E-03	-1.08E-01	0.00E+00	0.00E+00	-1.17E+00	-1.00E-03	1.55E-06	-2.83E-03	0.00E+00	0.00E+00	-2.98E-09	-4.42E-08	1.83E-03	-1.73E+00	0.00E+00	0.00E+00	-2.21E+00	0.00E+00	-1.86E+00	0.00E+00	1.25E-09	-2.11E-08	-1.72E-03	0.00E+00	-3.01E-01	0.00E+00	-1.86E+00	-2.22E-05	-1.86E+00	-2.46E+00	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MBN616	-1.49E-02	-1.23E-01	-4.06E-03	-1.19E-01	0.00E+00	0.00E+00	-4.20E+00	-1.48E-03	-6.81E-04	-8.64E-03	0.00E+00	0.00E+00	-4.94E-09	-1.70E-07	-2.05E-03	-2.15E+00	0.00E+00	0.00E+00	-4.59E+00	0.00E+00	-3.67E+00	0.00E+00	-1.05E-08	-5.07E-08	-3.35E-03	0.00E+00	-5.38E-01	0.00E+00	-3.67E+00	-4.55E-05	-3.67E+00	-4.20E+00	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MBN616E	-2.02E-04	-2.44E-01	1.06E-03	-2.45E-01	0.00E+00	0.00E+00	6.78E-02	-9.56E-05	6.66E-04	-2.38E-03	0.00E+00	0.00E+00	-2.76E-09	8.94E-10	2.36E-03	-1.41E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-1.86E+00	0.00E+00	-3.78E-09	-2.10E-08	-1.22E-03	0.00E+00	-2.78E-01	0.00E+00	-1.86E+00	-5.40E-06	-1.86E+00	-2.14E+00	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.15E+01
MBN620	-8.55E-03	-1.19E-01	3.93E-03	-1.76E-02	0.00E+00	0.00E+00	-6.72E-01	-9.03E-04	2.56E-04	-3.00E-03	0.00E+00	0.00E+00	-1.92E-09	-5.72E-08	-1.38E-03	-1.61E+00	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-9.05E-01	0.00E+00	6.52E-09	-1.40E-08	-1.36E-03	0.00E+00	-2.03E-01	0.00E+00	-9.05E-01	-1.97E-05	-9.05E-01	-1.16E+00	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-7.83E+01
MBN620E	2.66E-03	2.39E-01	1.33E-02	2.26E-01	0.00E+00	0.00E+00	3.36E+00	6.68E-06	1.40E-03	2.48E-03	0.00E+00	0.00E+00	5.96E-10	1.90E-08	1.92E-02	-3.00E-01	0.00E+00	0.00E+00	2.58E+00	0.00E+00	3.91E+00	0.00E+00	2.92E-08	1.40E-08	7.76E-04	0.00E+00	2.73E-01	0.00E+00	3.91E+00	8.69E-07	3.91E+00	4.18E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	9.41E+01
MBN625	-1.97E-02	1.95E-02	2.71E-03	7.73E-02	0.00E+00	0.00E+00	-2.70E+00	-2.06E-03	-3.83E-04	-9.73E-03	0.00E+00	0.00E+00	-2.99E-09	-2.36E-07	-1.47E-02	-2.02E+00	0.00E+00	0.00E+00	-2.71E+00	0.00E+00	6.13E-01	0.00E+00	6.30E-09	-4.19E-08	-3.40E-03	0.00E+00	-3.46E-01	0.00E+00	6.13E-01	-5.93E-05	6.13E-01	1.65E-01	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MBN625E	-2.36E-02	-6.76E-02	-3.78E-03	-6.39E-02	0.00E+00	0.00E+00	-5.78E+00	-2.40E-03	-9.01E-04	-1.28E-02	0.00E+00	0.00E+00	-5.55E-09	-2.75E-07	-2.72E-04	-2.48E+00	0.00E+00	0.00E+00	-5.90E+00	0.00E+00	-3.16E+00	0.00E+00	-6.96E-09	-6.03E-08	-4.37E-03	0.00E+00	-6.03E-01	0.00E+00	-3.16E+00	-7.15E-05	-3.16E+00	-3.76E+00	-6.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MBN632	-2.41E-02	-1.74E-02	4.11E-04	2.25E-02	0.00E+00	0.00E+00	-3.54E+00	-2.43E-03	-6.43E-05	-1.18E-02	0.00E+00	0.00E+00	-3.33E-09	-2.74E-07	-6.17E-03	-2.56E+00	0.00E+00	0.00E+00	-4.06E+00	0.00E+00	-5.11E-01	0.00E+00	9.99E-09	-4.14E-08	-2.84E-03	0.00E+00	-7.12E-01	0.00E+00	-5.11E-01	-7.39E-05	-5.11E-01	-1.03E+00	-7.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MBN632E	-5.07E-02	-9.63E-02	-8.59E-03	-8.77E-02	0.00E+00	0.00E+00	-1.23E+01	-5.11E-03	-2.08E-03	-2.67E-02	0.00E+00	0.00E+00	-8.30E-09	-5.94E-07	-4.04E-03	-4.92E+00	0.00E+00	0.00E+00	-1.08E+01	0.00E+00	-4.34E+00	0.00E+00	-1.26E-08	-1.04E-07	-8.22E-03	0.00E+00	-1.12E+00	0.00E+00	-4.34E+00	-1.53E-04	-4.34E+00	-5.46E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+02
MBN640	-2.60E-02	-4.10E-02	1.73E-03	-3.60E-02	0.00E+00	0.00E+00	-4.56E+00	-3.16E-03	1.27E-03	-1.81E-02	0.00E+00	0.00E+00	-3.58E-09	-3.90E-07	-6.36E-03	-4.16E+00	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-6.32E-01	0.00E+00	9.44E-09	-5.24E-08	-3.20E-03	0.00E+00	-8.23E-01	0.00E+00	-6.32E-01	-8.16E-05	-6.32E-01	-1.08E+00	-8.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MBN640E	-5.19E-02	-6.38E-01	-1.26E-02	-6.25E-01	0.00E+00	0.00E+00	-1.26E+01	-5.11E-03	-2.44E-03	-3.09E-02	0.00E+00	0.00E+00	-8.45E-09	-5.96E-07	-4.71E-02	-6.66E+00	0.00E+00	0.00E+00	-1.18E+01	0.00E+00	-6.37E+00	0.00E+00	-2.76E-08	-1.15E-07	-9.22E-03	0.00E+00	-1.65E+00	0.00E+00	-6.37E+00	-1.54E-04	-6.37E+00	-8.03E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.01E+02
MBN650	-4.08E-02	-4.78E-02	1.11E-03	-7.06E-02	0.00E+00	0.00E+00	-6.40E+00	-4.09E-03	-2.30E-03	-2.75E-02	0.00E+00	0.00E+00	-7.73E-09	-5.12E-07	-5.75E-03	-5.50E+00	0.00E+00	0.00E+00	-6.02E+00	0.00E+00	-1.30E+00	0.00E+00	9.14E-09	-1.05E-07	-7.48E-03	0.00E+00	-1.18E+00	0.00E+00	-1.30E+00	-1.31E-04	-1.30E+00	-1.57E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MBN650E	-6.57E-02	-8.86E-01	-1.82E-02	-8.68E-01	0.00E+00	0.00E+00	-1.66E+01	-6.44E-03	-3.14E-03	-3.97E-02	0.00E+00	0.00E+00	-1.10E-08	-7.52E-07	-5.44E-02	-8.51E+00	0.00E+00	0.00E+00	-1.53E+01	0.00E+00	-9.10E+00	0.00E+00	-4.27E-08	-1.50E-07	-1.19E-02	0.00E+00	-2.11E+00	0.00E+00	-9.10E+00	-1.89E-04	-9.10E+00	-1.12E+01	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-6.47E+02
MBN663	-2.31E-02	-4.06E-02	1.06E-03	-6.60E-02	0.00E+00	0.00E+00	-5.78E+00	-2.99E-03	1.09E-03	-2.16E-02	0.00E+00	0.00E+00	-6.07E-09	-4.34E-07	4.69E-04	-3.67E+00	0.00E+00	0.00E+00	-5.07E+00	0.00E+00	-8.66E-01	0.00E+00	1.01E-08	-5.91E-08	-3.31E-03	0.00E+00	-9.21E-01	0.00E+00	-8.66E-01	-7.06E-05	-8.66E-01	-1.08E+00	-9.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
MBN663E	-6.46E-02	-5.36E-01	-9.55E-03	-5.26E-01	0.00E+00	0.00E+00	-1.45E+01	-6.45E-03	-2.87E-03	-3.66E-02	0.00E+00	0.00E+00	-8.58E-09	-7.50E-07	-4.26E-02	-7.41E+00	0.00E+00	0.00E+00	-1.23E+01	0.00E+00	-5.05E+00	0.00E+00	-1.98E-08	-1.26E-07	-1.06E-02	0.00E+00	-1.66E+00	0.00E+00	-5.05E+00	-1.86E-04	-5.05E+00	-6.71E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E+02
MBS006C	-9.68E-04	-1.34E-02	1.01E-03	-3.17E-02	0.00E+00	0.00E+00	-3.60E-01	-1.51E-04	1.21E-04	-9.12E-04	0.00E+00	0.00E+00	-8.78E-10	-9.89E-09	-2.58E-03	-1.03E+00	0.00E+00	0.00E+00	-5.33E-01	0.00E+00	-8.69E-02	0.00E+00	2.21E-09	-4.72E-09	-3.86E-04	0.00E+00	-1.52E-01	0.00E+00	-8.69E-02	-2.76E-06	-8.69E-02	-1.54E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
MBS010C	-1.23E-03	-1.37E-02	6.80E-04	-2.28E-02	0.00E+00	0.00E+00	-3.17E-01	-1.34E-04	1.33E-04	-9.19E-04	0.00E+00	0.00E+00	-6.07E-10	-6.74E-09	-2.31E-03	-5.31E-01	0.00E+00	0.00E+00	-3.37E-01	0.00E+00	-6.78E-02	0.00E+00	9.69E-10	-3.40E-09	-3.33E-04	0.00E+00	-9.31E-02	0.00E+00	-6.78E-02	-2.67E-06	-6.78E-02	-1.40E-01	-9.31E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MBS013C	-1.13E-03	-1.23E-02	6.35E-04	-1.81E-02	0.00E+00	0.00E+00	-3.30E-01	-1.21E-04	1.33E-04	-8.54E-04	0.00E+00	0.00E+00	-5.87E-10	-6.01E-09	-1.47E-03	-5.12E-01	0.00E+00	0.00E+00	-3.30E-01	0.00E+00	-7.70E-02	0.00E+00	1.13E-09	-3.22E-09	-3.29E-04	0.00E+00	-8.46E-02	0.00E+00	-7.70E-02	-2.47E-06	-7.70E-02	-1.05E-01	-8.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MBS016C	-1.15E-03	-1.39E-02	5.44E-04	-2.05E-02	0.00E+00	0.00E+00	-3.07E-01	-1.09E-04	1.36E-04	-9.51E-04	0.00E+00	0.00E+00	-5.86E-10	-3.93E-09	-1.67E-03	-5.17E-01	0.00E+00	0.00E+00	-3.20E-01	0.00E+00	-7.66E-02	0.00E+00	9.50E-10	-3.51E-09	-2.89E-04	0.00E+00	-8.41E-02	0.00E+00	-7.66E-02	-2.29E-06	-7.66E-02	-1.16E-01	-8.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MBS106	-2.44E-03	-3.43E-03	1.20E-03	-4.63E-03	0.00E+00	0.00E+00	-1.52E-01	-2.66E-04	1.36E-07	-1.29E-03	0.00E+00	0.00E+00	-3.30E-10	-2.90E-08	-3.13E-03	-5.39E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	1.86E-01	0.00E+00	2.81E-09	-4.34E-09	-3.83E-04	0.00E+00	-8.68E-02	0.00E+00	1.86E-01	-7.66E-06	1.86E-01	9.89E-02	-8.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
MBS110	-1.75E-04	1.19E-01	2.46E-03	1.16E-01	0.00E+00	0.00E+00	4.65E-01	-6.70E-05	1.95E-04	6.87E-04	0.00E+00	0.00E+00	-2.60E-11	-5.36E-09	3.84E-03	-2.00E-01	0.00E+00	0.00E+00	2.60E-01	0.00E+00	7.96E-01	0.00E+00	6.93E-09	1.86E-09	1.60E-04	0.00E+00	2.07E-02	0.00E+00	7.96E-01	-2.38E-06	7.96E-01	8.17E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	7.59E+00
MBS113	1.48E-04	2.63E-02	5.86E-04	2.57E-02	0.00E+00	0.00E+00	-2.95E-02	-2.05E-05	2.28E-04	1.19E-04	0.00E+00	0.00E+00	-5.40E-10	5.70E-10	6.22E-04	-3.52E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	-2.71E-01	0.00E+00	7.77E-10	-3.48E-09	-1.16E-04	0.00E+00	-6.09E-02	0.00E+00	-2.71E-01	-1.07E-06	-2.71E-01	-3.32E-01	-6.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
MBS116	3.93E-04	2.31E-02	1.84E-03	2.13E-02	0.00E+00	0.00E+00	4.73E-01	-1.80E-06	2.42E-04	2.67E-04	0.00E+00	0.00E+00	-2.83E-11	2.96E-09	2.52E-03	-2.55E-01	0.00E+00	0.00E+00	2.64E-01	0.00E+00	4.80E-01	0.00E+00	4.05E-09	1.19E-09	7.18E-05	0.00E+00	5.40E-04	0.00E+00	4.80E-01	-9.65E-08	4.80E-01	4.80E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.84E+00
MBS120	-3.92E-03	-8.99E-02	-1.24E-03	-8.87E-02	0.00E+00	0.00E+00	-1.01E+00	-3.79E-04	-2.08E-04	-2.62E-03	0.00E+00	0.00E+00	-9.47E-10	-4.40E-08	-1.35E-03	-1.05E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-8.19E-01	0.00E+00	-3.72E-09	-1.15E-08	-8.54E-04	0.00E+00	-2.01E-01	0.00E+00	-8.19E-01	-1.19E-05	-8.19E-01	-1.02E+00	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MBS120W	-2.07E-03	1.15E-02	1.74E-03	2.15E-02	0.00E+00	0.00E+00	-3.74E-01	-1.82E-04	1.55E-04	-9.06E-04	0.00E+00	0.00E+00	-4.24E-10	-2.60E-08	1.19E-03	-5.35E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	7.73E-02	0.00E+00	2.95E-09	-2.07E-09	-4.07E-04	0.00E+00	-5.17E-02	0.00E+00	7.73E-02	-8.34E-06	7.73E-02	-3.79E-03	-5.17E-02	0.00E+00	0.00E+00	0.00E+00	-1.47E+01
MBS125	-8.36E-03	-5.22E-02	-1.90E-04	-5.20E-02	0.00E+00	0.00E+00	-1.61E+00	-8.46E-04	-3.57E-04	-4.60E-03	0.00E+00	0.00E+00	-1.11E-09	-9.77E-08	8.80E-04	-1.27E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-2.98E-01	0.00E+00	-2.32E-10	-1.56E-08	-1.35E-03	0.00E+00	-2.06E-01	0.00E+00	-2.98E-01	-2.44E-05	-2.98E-01	-5.04E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MBS132	1.32E-03	4.12E-02	4.16E-03	3.70E-02	0.00E+00	0.00E+00	8.43E-01	-4.56E-06	9.21E-04	4.80E-04	0.00E+00	0.00E+00	1.03E-11	1.00E-08	4.35E-03	-2.01E-01	0.00E+00	0.00E+00	6.69E-01	0.00E+00	8.29E-01	0.00E+00	6.89E-09	2.70E-09	1.55E-04	0.00E+00	5.26E-02	0.00E+00	8.29E-01	-1.69E-07	8.29E-01	8.81E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MBS140	-1.38E-02	-1.02E-01	-1.66E-03	-1.01E-01	0.00E+00	0.00E+00	-3.04E+00	-1.39E-03	-6.03E-04	-7.74E-03	0.00E+00	0.00E+00	-1.79E-09	-1.61E-07	-8.44E-04	-1.98E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-8.61E-01	0.00E+00	-3.50E-09	-2.62E-08	-2.24E-03	0.00E+00	-3.57E-01	0.00E+00	-8.61E-01	-4.01E-05	-8.61E-01	-1.22E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MBS150	1.37E-03	1.89E-02	3.93E-03	1.50E-02	0.00E+00	0.00E+00	8.12E-01	-7.67E-06	1.04E-03	2.76E-04	0.00E+00	0.00E+00	-1.82E-10	1.09E-08	-1.31E-03	-2.18E-01	0.00E+00	0.00E+00	3.68E-01	0.00E+00	5.94E-01	0.00E+00	6.27E-09	1.15E-09	8.52E-05	0.00E+00	-6.03E-04	0.00E+00	5.94E-01	-5.36E-07	5.94E-01	5.93E-01	-6.03E-04	0.00E+00	0.00E+00	0.00E+00	1.22E+01
MBS163	1.71E-03	1.51E-01	5.25E-03	1.45E-01	0.00E+00	0.00E+00	9.41E-01	-7.35E-06	1.14E-03	1.34E-03	0.00E+00	0.00E+00	-3.33E-11	1.16E-08	5.67E-03	-1.47E-01	0.00E+00	0.00E+00	7.48E-01	0.00E+00	1.09E+00	0.00E+00	1.00E-08	3.87E-09	3.39E-04	0.00E+00	7.40E-02	0.00E+00	1.09E+00	-3.00E-07	1.09E+00	1.16E+00	7.40E-02	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MBS206C	-5.54E-03	-6.85E-03	2.20E-03	-1.94E-02	0.00E+00	0.00E+00	-4.25E-01	-3.66E-04	1.51E-04	-2.04E-03	0.00E+00	0.00E+00	-1.43E-09	-5.10E-08	-4.91E-03	-1.04E+00	0.00E+00	0.00E+00	-9.18E-01	0.00E+00	8.73E-02	0.00E+00	2.65E-09	-1.03E-08	-9.96E-04	0.00E+00	-1.88E-01	0.00E+00	8.73E-02	-1.35E-05	8.73E-02	3.64E-02	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
MBS206E	-7.14E-03	-6.81E-02	2.72E-03	-3.08E-02	0.00E+00	0.00E+00	-4.93E-01	-5.36E-04	1.27E-04	-2.68E-03	0.00E+00	0.00E+00	-1.86E-09	-7.97E-08	-7.22E-03	-1.17E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-3.31E-01	0.00E+00	2.30E-09	-1.42E-08	-1.04E-03	0.00E+00	-2.39E-01	0.00E+00	-3.31E-01	-1.97E-05	-3.31E-01	-2.87E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.75E+01
MBS210C	-4.70E-03	-1.81E-02	1.62E-03	-2.50E-02	0.00E+00	0.00E+00	-4.59E-01	-4.03E-04	1.58E-04	-2.21E-03	0.00E+00	0.00E+00	-1.36E-09	-4.89E-08	-3.95E-03	-1.19E+00	0.00E+00	0.00E+00	-8.27E-01	0.00E+00	6.76E-02	0.00E+00	1.94E-09	-1.07E-08	-9.35E-04	0.00E+00	-1.75E-01	0.00E+00	6.76E-02	-1.33E-05	6.76E-02	-1.77E-03	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
MBS210E	-4.51E-03	-9.25E-03	1.88E-03	-2.99E-02	0.00E+00	0.00E+00	-7.92E-01	-4.92E-04	1.64E-04	-2.66E-03	0.00E+00	0.00E+00	-1.42E-09	-7.44E-08	-3.39E-03	-1.46E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-5.69E-02	0.00E+00	3.12E-09	-1.11E-08	-9.18E-04	0.00E+00	-1.91E-01	0.00E+00	-5.69E-02	-1.60E-05	-5.69E-02	-1.08E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
MBS213C	-3.92E-03	-2.94E-02	1.20E-03	-4.88E-02	0.00E+00	0.00E+00	-7.54E-01	-3.67E-04	1.47E-04	-1.81E-03	0.00E+00	0.00E+00	-1.46E-09	-6.47E-08	-3.00E-03	-1.58E+00	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.50E-01	0.00E+00	1.56E-09	-1.27E-08	-8.72E-04	0.00E+00	-1.98E-01	0.00E+00	-2.50E-01	-1.31E-05	-2.50E-01	-5.14E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
MBS216C	-3.91E-03	-3.80E-02	1.22E-03	-5.10E-02	0.00E+00	0.00E+00	-7.73E-01	-3.93E-04	1.50E-04	-1.89E-03	0.00E+00	0.00E+00	-1.47E-09	-6.73E-08	-1.60E-03	-1.65E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-2.27E-01	0.00E+00	9.54E-10	-1.33E-08	-8.16E-04	0.00E+00	-1.86E-01	0.00E+00	-2.27E-01	-1.36E-05	-2.27E-01	-5.82E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MBS216E	-3.97E-03	-2.21E-02	1.36E-03	-3.83E-02	0.00E+00	0.00E+00	-1.02E+00	-4.56E-04	1.55E-04	-1.95E-03	0.00E+00	0.00E+00	-1.13E-09	-7.97E-08	-9.54E-04	-8.41E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-2.27E-01	0.00E+00	2.53E-09	-1.20E-08	-7.63E-04	0.00E+00	-1.32E-01	0.00E+00	-2.27E-01	-1.59E-05	-2.27E-01	-4.96E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
MBS220E	-3.60E-03	-1.08E-02	1.35E-03	-3.98E-02	0.00E+00	0.00E+00	-5.13E-01	-3.95E-04	3.16E-04	-1.41E-03	0.00E+00	0.00E+00	-1.20E-09	-7.27E-08	-1.29E-03	-7.84E-01	0.00E+00	0.00E+00	-8.99E-01	0.00E+00	-1.93E-01	0.00E+00	2.39E-09	-9.83E-09	-7.27E-04	0.00E+00	-1.37E-01	0.00E+00	-1.93E-01	-1.16E-05	-1.93E-01	-3.61E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
MBS225E	-4.72E-03	-2.82E-02	1.39E-03	-2.61E-02	0.00E+00	0.00E+00	-8.51E-01	-5.22E-04	1.66E-04	-1.95E-03	0.00E+00	0.00E+00	-1.94E-09	-7.35E-08	-4.90E-03	-1.00E+00	0.00E+00	0.00E+00	-8.38E-01	0.00E+00	-3.01E-01	0.00E+00	1.03E-09	-1.50E-08	-6.23E-04	0.00E+00	-2.15E-01	0.00E+00	-3.01E-01	-1.77E-05	-3.01E-01	-5.16E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
MBS232E	-1.07E-02	9.33E-03	2.06E-03	-5.18E-02	0.00E+00	0.00E+00	-1.73E+00	-1.13E-03	4.04E-04	-6.07E-03	0.00E+00	0.00E+00	-2.33E-09	-1.38E-07	-6.13E-03	-1.91E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-5.65E-01	0.00E+00	2.05E-09	-2.15E-08	-1.68E-03	0.00E+00	-3.53E-01	0.00E+00	-5.65E-01	-4.24E-05	-5.65E-01	-8.08E-01	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-8.07E+01
MBS263E	-1.30E-02	6.77E-02	1.87E-03	2.48E-02	0.00E+00	0.00E+00	-2.15E+00	-1.37E-03	9.10E-04	-8.18E-03	0.00E+00	0.00E+00	-2.30E-09	-2.13E-07	-2.91E-03	-1.61E+00	0.00E+00	0.00E+00	-2.21E+00	0.00E+00	5.78E-01	0.00E+00	1.02E-08	-2.27E-08	-1.71E-03	0.00E+00	-4.19E-01	0.00E+00	5.78E-01	-6.44E-05	5.78E-01	1.97E-01	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	-8.65E+01
MBS306	-7.23E-03	8.50E-03	4.08E-03	4.42E-03	0.00E+00	0.00E+00	-1.84E-01	-7.87E-04	1.89E-05	-3.64E-03	0.00E+00	0.00E+00	-8.03E-10	-8.58E-08	-1.99E-02	-1.50E+00	0.00E+00	0.00E+00	-9.01E-01	0.00E+00	8.27E-01	0.00E+00	1.08E-08	-1.12E-08	-1.02E-03	0.00E+00	-3.03E-01	0.00E+00	8.27E-01	-2.26E-05	8.27E-01	5.23E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MBS310	-8.47E-03	-2.25E-01	-1.48E-03	-2.23E-01	0.00E+00	0.00E+00	-2.08E+00	-8.62E-04	-1.90E-04	-6.09E-03	0.00E+00	0.00E+00	-2.63E-09	-9.53E-08	-6.27E-04	-2.15E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-1.96E+00	0.00E+00	-6.85E-09	-2.89E-08	-2.10E-03	0.00E+00	-4.09E-01	0.00E+00	-1.96E+00	-2.63E-05	-1.96E+00	-2.36E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-9.89E+01
MBS310C	-5.72E-03	-3.52E-02	1.92E-03	-5.97E-02	0.00E+00	0.00E+00	-8.73E-01	-6.32E-04	1.76E-04	-2.58E-03	0.00E+00	0.00E+00	-2.42E-09	-7.77E-08	-2.90E-03	-1.66E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-3.37E-01	0.00E+00	2.25E-09	-2.04E-08	-1.27E-03	0.00E+00	-2.06E-01	0.00E+00	-3.37E-01	-1.83E-05	-3.37E-01	-6.37E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MBS313	-1.06E-02	-2.31E-01	-1.79E-03	-2.30E-01	0.00E+00	0.00E+00	-2.58E+00	-1.08E-03	-2.81E-04	-7.27E-03	0.00E+00	0.00E+00	-2.88E-09	-1.21E-07	-7.85E-04	-1.85E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-2.04E+00	0.00E+00	-7.12E-09	-3.23E-08	-2.43E-03	0.00E+00	-3.75E-01	0.00E+00	-2.04E+00	-3.25E-05	-2.04E+00	-2.41E+00	-3.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MBS313C	-6.56E-03	-1.81E-02	1.95E-03	-8.27E-02	0.00E+00	0.00E+00	-1.14E+00	-6.32E-04	1.62E-04	-2.65E-03	0.00E+00	0.00E+00	-2.57E-09	-8.24E-08	-1.82E-03	-1.68E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-2.61E-01	0.00E+00	2.00E-09	-2.04E-08	-1.43E-03	0.00E+00	-2.21E-01	0.00E+00	-2.61E-01	-2.09E-05	-2.61E-01	-5.06E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-7.74E+01
MBS316	-7.48E-03	3.60E-02	3.43E-03	3.26E-02	0.00E+00	0.00E+00	-5.50E-01	-8.11E-04	-1.28E-04	-3.54E-03	0.00E+00	0.00E+00	-7.78E-10	-9.05E-08	6.66E-03	-1.50E+00	0.00E+00	0.00E+00	-5.53E-01	0.00E+00	1.03E+00	0.00E+00	9.31E-09	-9.83E-09	-1.00E-03	0.00E+00	-1.48E-01	0.00E+00	1.03E+00	-2.31E-05	1.03E+00	8.87E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
MBS316C	-5.81E-03	7.19E-03	1.93E-03	-5.85E-02	0.00E+00	0.00E+00	-1.19E+00	-6.25E-04	2.32E-04	-2.83E-03	0.00E+00	0.00E+00	-2.45E-09	-7.75E-08	-2.75E-03	-1.74E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-2.42E-01	0.00E+00	2.23E-09	-1.85E-08	-1.32E-03	0.00E+00	-2.07E-01	0.00E+00	-2.42E-01	-2.11E-05	-2.42E-01	-6.08E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-7.84E+01
MBS320	2.15E-03	1.09E-01	8.22E-03	1.01E-01	0.00E+00	0.00E+00	1.98E+00	-7.24E-06	1.42E-03	1.16E-03	0.00E+00	0.00E+00	-1.55E-10	1.62E-08	1.13E-02	-1.66E-01	0.00E+00	0.00E+00	1.09E+00	0.00E+00	2.00E+00	0.00E+00	1.68E-08	5.65E-09	3.36E-04	0.00E+00	1.27E-01	0.00E+00	2.00E+00	-5.61E-07	2.00E+00	2.12E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
MBS320W	-1.17E-02	-1.14E-01	2.24E-03	-1.42E-01	0.00E+00	0.00E+00	-1.04E+00	-8.68E-04	3.34E-04	-1.01E-02	0.00E+00	0.00E+00	-2.00E-09	-8.90E-08	-5.76E-03	-2.02E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-3.98E-01	0.00E+00	3.58E-09	-2.51E-08	-2.36E-03	0.00E+00	-3.94E-01	0.00E+00	-3.98E-01	-2.11E-05	-3.98E-01	-6.23E-01	-3.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.02E+01
MBS325	-3.63E-02	2.27E-02	-2.09E-03	2.48E-02	0.00E+00	0.00E+00	-7.64E+00	-3.70E-03	-1.42E-03	-1.84E-02	0.00E+00	0.00E+00	-4.97E-09	-4.29E-07	3.10E-03	-3.36E+00	0.00E+00	0.00E+00	-6.56E+00	0.00E+00	-1.31E+00	0.00E+00	9.23E-10	-6.54E-08	-5.47E-03	0.00E+00	-6.52E-01	0.00E+00	-1.31E+00	-1.07E-04	-1.31E+00	-1.96E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+02
MBS332	2.27E-03	-2.01E-01	4.95E-03	-2.05E-01	0.00E+00	0.00E+00	6.63E-01	-7.04E-05	2.49E-03	-1.72E-03	0.00E+00	0.00E+00	-2.02E-09	2.12E-08	-2.49E-02	-1.59E+00	0.00E+00	0.00E+00	-9.61E-01	0.00E+00	-1.37E+00	0.00E+00	7.45E-10	-1.49E-08	-7.66E-04	0.00E+00	-4.03E-01	0.00E+00	-1.37E+00	-4.38E-06	-1.37E+00	-1.77E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
MBS340	2.76E-03	-9.68E-02	7.11E-03	-1.04E-01	0.00E+00	0.00E+00	1.27E+00	-5.06E-05	2.57E-03	-7.41E-04	0.00E+00	0.00E+00	-1.46E-09	2.40E-08	-2.15E-02	-7.63E-01	0.00E+00	0.00E+00	-2.87E-01	0.00E+00	-2.09E-01	0.00E+00	7.58E-09	-7.83E-09	-3.74E-04	0.00E+00	-2.15E-01	0.00E+00	-2.09E-01	-3.21E-06	-2.09E-01	-4.24E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
MBS350	4.84E-03	1.95E-01	1.49E-02	1.80E-01	0.00E+00	0.00E+00	3.28E+00	5.54E-06	3.25E-03	2.21E-03	0.00E+00	0.00E+00	2.75E-10	3.69E-08	1.69E-02	-8.28E-01	0.00E+00	0.00E+00	2.28E+00	0.00E+00	3.45E+00	0.00E+00	2.69E-08	1.34E-08	8.11E-04	0.00E+00	1.58E-01	0.00E+00	3.45E+00	-3.51E-08	3.45E+00	3.61E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	8.13E+01
MBS363	-4.97E-02	-3.07E-01	-1.17E-02	-2.96E-01	0.00E+00	0.00E+00	-1.25E+01	-4.94E-03	-2.17E-03	-2.76E-02	0.00E+00	0.00E+00	-8.46E-09	-5.76E-07	-3.74E-02	-4.80E+00	0.00E+00	0.00E+00	-1.16E+01	0.00E+00	-5.95E+00	0.00E+00	-2.20E-08	-1.09E-07	-8.49E-03	0.00E+00	-1.34E+00	0.00E+00	-5.95E+00	-1.45E-04	-5.95E+00	-7.29E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-4.94E+02
MBS506	-3.71E-03	-9.02E-03	1.95E-03	-1.49E-02	0.00E+00	0.00E+00	-7.09E-01	-3.51E-04	1.95E-04	-2.03E-03	0.00E+00	0.00E+00	-1.27E-09	-4.12E-08	-3.85E-03	-1.28E+00	0.00E+00	0.00E+00	-8.38E-01	0.00E+00	-4.94E-02	0.00E+00	3.99E-09	-1.00E-08	-6.99E-04	0.00E+00	-2.21E-01	0.00E+00	-4.94E-02	-1.43E-05	-4.94E-02	-2.24E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
MBS506E	-5.62E-03	1.79E-03	2.34E-03	-1.55E-02	0.00E+00	0.00E+00	-7.46E-01	-4.53E-04	2.00E-04	-2.79E-03	0.00E+00	0.00E+00	-1.39E-09	-5.71E-08	-4.48E-03	-1.13E+00	0.00E+00	0.00E+00	-9.94E-01	0.00E+00	-2.54E-02	0.00E+00	3.88E-09	-1.20E-08	-1.08E-03	0.00E+00	-2.28E-01	0.00E+00	-2.54E-02	-1.82E-05	-2.54E-02	-1.38E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
MBS510	-2.56E-03	-1.34E-03	2.43E-03	-3.75E-04	0.00E+00	0.00E+00	-5.84E-01	-3.27E-04	2.44E-04	-1.47E-03	0.00E+00	0.00E+00	-8.00E-10	-4.07E-08	-2.02E-03	-7.66E-01	0.00E+00	0.00E+00	-9.20E-01	0.00E+00	-7.51E-02	0.00E+00	5.34E-09	-6.95E-09	-6.79E-04	0.00E+00	-1.11E-01	0.00E+00	-7.51E-02	-1.11E-05	-7.51E-02	-1.90E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
MBS510E	-3.34E-03	5.82E-04	2.99E-03	-1.47E-02	0.00E+00	0.00E+00	-6.19E-01	-4.48E-04	2.63E-04	-2.25E-03	0.00E+00	0.00E+00	-1.43E-09	-6.01E-08	-3.20E-03	-1.33E+00	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	1.95E-02	0.00E+00	5.30E-09	-1.03E-08	-9.91E-04	0.00E+00	-1.64E-01	0.00E+00	1.95E-02	-1.29E-05	1.95E-02	-2.19E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
MBS513	-2.92E-03	-2.48E-02	1.84E-03	-3.80E-02	0.00E+00	0.00E+00	-6.62E-01	-2.60E-04	2.29E-04	-1.44E-03	0.00E+00	0.00E+00	-1.16E-09	-2.13E-08	-1.46E-03	-1.34E+00	0.00E+00	0.00E+00	-8.02E-01	0.00E+00	-1.61E-01	0.00E+00	4.18E-09	-7.85E-09	-5.52E-04	0.00E+00	-2.03E-01	0.00E+00	-1.61E-01	-9.71E-06	-1.61E-01	-4.32E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
MBS516	-2.46E-03	2.09E-02	2.86E-03	1.17E-02	0.00E+00	0.00E+00	-8.35E-01	-3.01E-04	2.78E-04	-1.57E-03	0.00E+00	0.00E+00	-5.40E-10	-4.05E-08	2.33E-03	-8.05E-01	0.00E+00	0.00E+00	-6.63E-01	0.00E+00	-1.62E-01	0.00E+00	7.28E-09	-5.02E-09	-4.10E-04	0.00E+00	-8.84E-02	0.00E+00	-1.62E-01	-1.14E-05	-1.62E-01	-3.39E-01	-8.84E-02	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
MBS516E	-2.27E-03	2.38E-02	2.79E-03	1.27E-02	0.00E+00	0.00E+00	-8.31E-01	-3.01E-04	2.78E-04	-1.53E-03	0.00E+00	0.00E+00	-5.14E-10	-4.05E-08	2.27E-03	-6.22E-01	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	-1.55E-01	0.00E+00	7.43E-09	-5.18E-09	-3.96E-04	0.00E+00	-7.54E-02	0.00E+00	-1.55E-01	-1.18E-05	-1.55E-01	-3.38E-01	-7.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
MBS520	-2.52E-03	-2.50E-02	2.22E-03	-3.51E-02	0.00E+00	0.00E+00	-6.52E-01	-3.24E-04	4.08E-04	-1.22E-03	0.00E+00	0.00E+00	-7.88E-10	-4.03E-08	-8.54E-04	-6.48E-01	0.00E+00	0.00E+00	-7.93E-01	0.00E+00	-1.18E-01	0.00E+00	5.62E-09	-6.59E-09	-6.85E-04	0.00E+00	-1.04E-01	0.00E+00	-1.18E-01	-8.47E-06	-1.18E-01	-4.58E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
MBS520E	-2.64E-03	-2.64E-02	2.25E-03	-3.64E-02	0.00E+00	0.00E+00	-6.71E-01	-3.21E-04	4.08E-04	-1.24E-03	0.00E+00	0.00E+00	-8.47E-10	-4.17E-08	-8.36E-04	-6.77E-01	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-1.39E-01	0.00E+00	5.36E-09	-6.84E-09	-7.01E-04	0.00E+00	-1.10E-01	0.00E+00	-1.39E-01	-8.31E-06	-1.39E-01	-5.05E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
MBS525	-4.74E-03	-3.21E-02	2.97E-03	-3.97E-02	0.00E+00	0.00E+00	-5.09E-01	-4.42E-04	3.92E-04	-2.30E-03	0.00E+00	0.00E+00	-1.89E-09	-5.22E-08	-6.02E-03	-1.65E+00	0.00E+00	0.00E+00	-9.98E-01	0.00E+00	-1.51E-01	0.00E+00	5.00E-09	-1.26E-08	-1.23E-03	0.00E+00	-2.96E-01	0.00E+00	-1.51E-01	-1.52E-05	-1.51E-01	-5.32E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MBS525E	-4.74E-03	-3.21E-02	2.97E-03	-3.97E-02	0.00E+00	0.00E+00	-5.09E-01	-4.42E-04	3.92E-04	-2.24E-03	0.00E+00	0.00E+00	-1.89E-09	-5.22E-08	-6.02E-03	-1.64E+00	0.00E+00	0.00E+00	-9.98E-01	0.00E+00	-1.71E-01	0.00E+00	5.00E-09	-1.25E-08	-1.22E-03	0.00E+00	-2.95E-01	0.00E+00	-1.71E-01	-1.51E-05	-1.71E-01	-5.32E-01	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MBS532	-1.11E-02	2.52E-02	2.43E-03	2.04E-02	0.00E+00	0.00E+00	-1.28E+00	-9.31E-04	1.85E-04	-5.45E-03	0.00E+00	0.00E+00	-2.15E-09	-9.84E-08	-1.94E-03	-1.77E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	8.69E-01	0.00E+00	8.46E-09	-2.04E-08	-1.30E-03	0.00E+00	-2.90E-01	0.00E+00	8.69E-01	-3.15E-05	8.69E-01	4.23E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
MBS532E	-3.15E-03	4.25E-02	3.57E-03	8.60E-03	0.00E+00	0.00E+00	-1.19E+00	-8.06E-04	6.30E-04	-3.02E-03	0.00E+00	0.00E+00	-1.22E-09	-8.70E-08	-6.00E-03	-1.11E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-1.64E-01	0.00E+00	7.16E-09	-1.12E-08	-9.75E-04	0.00E+00	-1.60E-01	0.00E+00	-1.64E-01	-1.62E-05	-1.64E-01	-5.11E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MBS540E	-5.12E-03	7.94E-02	3.66E-03	5.54E-02	0.00E+00	0.00E+00	-1.38E+00	-1.22E-03	5.53E-04	-3.68E-03	0.00E+00	0.00E+00	-2.06E-09	-1.33E-07	-4.80E-03	-1.78E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	2.47E-01	0.00E+00	9.05E-09	-2.23E-08	-1.46E-03	0.00E+00	-2.79E-01	0.00E+00	2.47E-01	-1.94E-05	2.47E-01	-1.67E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.55E+01
MBS550E	-1.30E-03	7.91E-02	6.20E-03	4.66E-02	0.00E+00	0.00E+00	5.73E-01	-4.75E-04	1.84E-03	-2.73E-03	0.00E+00	0.00E+00	-1.29E-09	-4.15E-08	-2.14E-03	-7.94E-01	0.00E+00	0.00E+00	2.51E-01	0.00E+00	1.31E+00	0.00E+00	1.05E-08	-5.31E-09	4.27E-05	0.00E+00	-6.67E-02	0.00E+00	1.31E+00	-1.22E-05	1.31E+00	1.17E+00	-6.67E-02	0.00E+00	0.00E+00	0.00E+00	5.73E+00
MBS563E	-2.46E-03	1.23E-01	5.40E-03	1.12E-01	0.00E+00	0.00E+00	6.97E-01	-6.10E-04	2.13E-03	-3.36E-03	0.00E+00	0.00E+00	-1.82E-09	-3.77E-08	-7.63E-05	-1.21E+00	0.00E+00	0.00E+00	2.73E-01	0.00E+00	1.43E+00	0.00E+00	1.18E-08	-8.56E-09	-8.80E-05	0.00E+00	-2.43E-01	0.00E+00	1.43E+00	-1.71E-05	1.43E+00	1.31E+00	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+00

MBS606	-1.27E-02	6.77E-02	3.01E-03	9.25E-02	0.00E+00	0.00E+00	-1.66E+00	-1.45E-03	-9.60E-05	-6.11E-03	0.00E+00	0.00E+00	-2.35E-09	-1.79E-07	-1.10E-02	-1.87E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	4.72E-01	0.00E+00	1.48E-08	-2.30E-08	-1.94E-03	0.00E+00	-3.55E-01	0.00E+00	4.72E-01	-4.45E-05	4.72E-01	5.63E-02	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+01
MBS606E	-1.58E-02	2.65E-01	4.13E-03	2.61E-01	0.00E+00	0.00E+00	-2.10E+00	-1.66E-03	-4.54E-04	-6.11E-03	0.00E+00	0.00E+00	-2.07E-09	-1.90E-07	-2.62E-02	-1.86E+00	0.00E+00	0.00E+00	-2.55E+00	0.00E+00	6.69E-01	0.00E+00	1.57E-08	-2.61E-08	-1.99E-03	0.00E+00	-4.34E-01	0.00E+00	6.69E-01	-5.18E-05	6.69E-01	2.35E-01	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MBS610	-6.98E-03	-3.29E-02	4.06E-03	-3.08E-03	0.00E+00	0.00E+00	-1.52E+00	-1.45E-03	1.63E-05	-7.32E-03	0.00E+00	0.00E+00	-3.06E-09	-1.85E-07	-7.51E-03	-2.41E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-1.54E-01	0.00E+00	1.23E-08	-2.53E-08	-1.43E-03	0.00E+00	-2.15E-01	0.00E+00	-1.54E-01	-2.62E-05	-1.54E-01	-1.14E+00	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-9.17E+01
MBS610E	2.19E-03	1.61E-01	1.04E-02	1.51E-01	0.00E+00	0.00E+00	2.72E+00	4.78E-06	1.23E-03	1.82E-03	0.00E+00	0.00E+00	2.41E-10	1.66E-08	1.56E-02	-1.35E+00	0.00E+00	0.00E+00	1.70E+00	0.00E+00	2.99E+00	0.00E+00	2.32E-08	9.69E-09	5.74E-04	0.00E+00	2.41E-02	0.00E+00	2.99E+00	2.10E-07	2.99E+00	3.01E+00	2.41E-02	0.00E+00	0.00E+00	0.00E+00	5.89E+01
MBS613	-1.11E-02	-9.39E-02	1.81E-03	-1.16E-01	0.00E+00	0.00E+00	-2.75E+00	-1.41E-03	-2.75E-04	-9.06E-03	0.00E+00	0.00E+00	-3.66E-09	-2.00E-07	-8.82E-03	-2.96E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-2.15E+00	0.00E+00	7.58E-09	-2.77E-08	-2.73E-03	0.00E+00	-4.08E-01	0.00E+00	-2.15E+00	-4.11E-05	-2.15E+00	-3.17E+00	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MBS616	-2.15E-02	-5.44E-01	-7.96E-03	-5.36E-01	0.00E+00	0.00E+00	-5.71E+00	-2.04E-03	-1.18E-03	-1.48E-02	0.00E+00	0.00E+00	-5.14E-09	-2.38E-07	-4.47E-02	-4.91E+00	0.00E+00	0.00E+00	-6.18E+00	0.00E+00	-5.32E+00	0.00E+00	-2.32E-08	-6.63E-08	-4.79E-03	0.00E+00	-1.21E+00	0.00E+00	-5.32E+00	-6.57E-05	-5.32E+00	-6.53E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
MBS616E	-1.20E-02	3.55E-01	7.14E-03	3.48E-01	0.00E+00	0.00E+00	-7.79E-01	-1.35E-03	1.30E-04	-3.71E-03	0.00E+00	0.00E+00	-1.47E-09	-1.49E-07	-2.20E-02	-1.06E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	1.96E+00	0.00E+00	2.42E-08	-1.49E-08	-1.20E-03	0.00E+00	-2.56E-01	0.00E+00	1.96E+00	-3.88E-05	1.96E+00	1.70E+00	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
MBS620	-1.94E-02	-1.51E-01	1.40E-03	-1.36E-01	0.00E+00	0.00E+00	-3.75E+00	-2.55E-03	-5.20E-04	-1.26E-02	0.00E+00	0.00E+00	-4.06E-09	-2.76E-07	-1.03E-02	-3.43E+00	0.00E+00	0.00E+00	-4.51E+00	0.00E+00	-2.23E+00	0.00E+00	6.50E-09	-4.96E-08	-3.94E-03	0.00E+00	-4.15E-01	0.00E+00	-2.23E+00	-4.08E-05	-2.23E+00	-3.23E+00	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MBS620E	-2.86E-02	-1.63E-01	-6.22E-03	-1.57E-01	0.00E+00	0.00E+00	-7.42E+00	-2.86E-03	-1.24E-03	-1.59E-02	0.00E+00	0.00E+00	-6.04E-09	-3.32E-07	-4.09E-03	-3.47E+00	0.00E+00	0.00E+00	-6.81E+00	0.00E+00	-4.11E+00	0.00E+00	-1.38E-08	-7.12E-08	-5.27E-03	0.00E+00	-7.95E-01	0.00E+00	-4.11E+00	-8.48E-05	-4.11E+00	-4.91E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
MBS625	-7.30E-03	-5.14E-02	-8.45E-04	-3.00E-02	0.00E+00	0.00E+00	-2.06E+00	-2.51E-03	-8.89E-04	-1.09E-02	0.00E+00	0.00E+00	-3.76E-09	-2.77E-07	-8.61E-03	-2.70E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	8.17E-01	0.00E+00	7.45E-09	-5.86E-08	-4.28E-03	0.00E+00	-2.43E-01	0.00E+00	8.17E-01	-2.51E-05	8.17E-01	4.29E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MBS625E	5.64E-03	5.76E-01	1.99E-02	5.56E-01	0.00E+00	0.00E+00	4.34E+00	7.50E-06	3.57E-03	5.26E-03	0.00E+00	0.00E+00	5.43E-10	3.97E-08	-1.16E-02	4.29E-01	0.00E+00	0.00E+00	2.57E+00	0.00E+00	4.81E+00	0.00E+00	4.32E-08	1.91E-08	1.52E-03	0.00E+00	2.36E-01	0.00E+00	4.81E+00	4.54E-07	4.81E+00	5.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MBS632	-4.11E-02	9.09E-02	9.05E-04	-5.58E-02	0.00E+00	0.00E+00	-5.94E+00	-4.47E-03	1.02E-03	-1.82E-02	0.00E+00	0.00E+00	-4.83E-09	-3.27E-07	-1.15E-02	-3.43E+00	0.00E+00	0.00E+00	-5.74E+00	0.00E+00	-1.77E+00	0.00E+00	1.30E-09	-6.77E-08	-6.14E-03	0.00E+00	-8.55E-01	0.00E+00	-1.77E+00	-1.13E-04	-1.77E+00	-2.59E+00	-8.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
MBS632E	-5.58E-02	-4.92E-01	-8.72E-03	-4.84E-01	0.00E+00	0.00E+00	-1.24E+01	-5.56E-03	-2.48E-03	-3.17E-02	0.00E+00	0.00E+00	-7.59E-09	-6.46E-07	-4.13E-02	-7.73E+00	0.00E+00	0.00E+00	-1.11E+01	0.00E+00	-4.44E+00	0.00E+00	-1.69E-08	-1.10E-07	-9.19E-03	0.00E+00	-1.69E+00	0.00E+00	-4.44E+00	-1.61E-04	-4.44E+00	-6.13E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-4.79E+02
MBS640	-5.19E-02	8.93E-02	4.06E-03	-4.11E-01	0.00E+00	0.00E+00	-6.04E+00	-5.60E-03	-1.91E-03	-3.16E-02	0.00E+00	0.00E+00	-6.63E-09	-5.46E-07	-1.35E-02	-4.55E+00	0.00E+00	0.00E+00	-5.75E+00	0.00E+00	-2.54E+00	0.00E+00	6.99E-09	-9.33E-08	-8.21E-03	0.00E+00	-8.76E-01	0.00E+00	-2.54E+00	-1.41E-04	-2.54E+00	-3.47E+00	-8.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+02
MBS640E	-5.71E-02	-7.37E-01	-1.55E-02	-7.21E-01	0.00E+00	0.00E+00	-1.45E+01	-5.63E-03	-2.71E-03	-3.44E-02	0.00E+00	0.00E+00	-9.86E-09	-6.56E-07	-1.45E-02	-6.96E+00	0.00E+00	0.00E+00	-1.30E+01	0.00E+00	-7.52E+00	0.00E+00	-3.63E-08	-1.29E-07	-1.04E-02	0.00E+00	-1.60E+00	0.00E+00	-7.52E+00	-1.65E-04	-7.52E+00	-9.12E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-5.54E+02
MBS650E	7.63E-03	7.82E-01	2.47E-02	7.58E-01	0.00E+00	0.00E+00	4.87E+00	8.81E-06	4.68E-03	7.09E-03	0.00E+00	0.00E+00	9.25E-10	5.10E-08	2.91E-02	4.97E-01	0.00E+00	0.00E+00	4.17E+00	0.00E+00	6.39E+00	0.00E+00	5.17E-08	2.80E-08	2.06E-03	0.00E+00	5.69E-01	0.00E+00	6.39E+00	9.81E-07	6.39E+00	6.96E+00	5.69E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MBS663E	-6.48E-02	-1.41E-01	-8.90E-03	-1.33E-01	0.00E+00	0.00E+00	-1.53E+01	-6.55E-03	-2.66E-03	-3.42E-02	0.00E+00	0.00E+00	-9.57E-09	-7.61E-07	-4.30E-03	-6.14E+00	0.00E+00	0.00E+00	-1.25E+01	0.00E+00	-4.74E+00	0.00E+00	-1.43E-08	-1.27E-07	-1.03E-02	0.00E+00	-1.30E+00	0.00E+00	-4.74E+00	-1.90E-04	-4.74E+00	-6.04E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-5.42E+02
MC100A	-7.18E-03	-1.34E-02	1.88E-04	-4.67E-03	0.00E+00	0.00E+00	-9.61E-01	-6.92E-04	6.99E-05	-3.95E-03	0.00E+00	0.00E+00	-1.15E-09	-8.31E-08	-3.06E-03	-8.40E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.68E-01	0.00E+00	2.45E-10	-1.45E-08	-8.90E-04	0.00E+00	-1.51E-01	0.00E+00	-2.68E-01	-1.45E-05	-2.68E-01	-4.19E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MC101A	-7.25E-03	-3.00E-02	-2.54E-05	-1.69E-02	0.00E+00	0.00E+00	-1.13E+00	-6.90E-04	4.80E-05	-4.24E-03	0.00E+00	0.00E+00	-1.19E-09	-9.19E-08	-3.97E-03	-9.04E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-3.26E-01	0.00E+00	3.43E-11	-1.57E-08	-9.64E-04	0.00E+00	-1.74E-01	0.00E+00	-3.26E-01	-1.50E-05	-3.26E-01	-5.52E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MC102A	-6.96E-03	-2.80E-02	2.47E-04	-1.40E-02	0.00E+00	0.00E+00	-1.07E+00	-6.44E-04	5.05E-05	-3.57E-03	0.00E+00	0.00E+00	-1.05E-09	-8.85E-08	-3.25E-03	-8.09E-01	0.00E+00	0.00E+00	-9.97E-01	0.00E+00	-2.83E-01	0.00E+00	5.25E-10	-1.41E-08	-9.01E-04	0.00E+00	-1.61E-01	0.00E+00	-2.83E-01	-1.47E-05	-2.83E-01	-5.50E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
MC103A	-6.79E-03	-9.02E-03	4.79E-04	-6.14E-05	0.00E+00	0.00E+00	-9.30E-01	-6.50E-04	6.42E-05	-3.36E-03	0.00E+00	0.00E+00	-1.02E-09	-8.05E-08	-2.24E-03	-7.61E-01	0.00E+00	0.00E+00	-8.71E-01	0.00E+00	-2.12E-01	0.00E+00	7.86E-10	-1.30E-08	-8.21E-04	0.00E+00	-1.39E-01	0.00E+00	-2.12E-01	-1.39E-05	-2.12E-01	-3.94E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MC104A	-6.77E-03	-1.50E-02	4.53E-04	-5.01E-04	0.00E+00	0.00E+00	-9.28E-01	-6.46E-04	6.16E-05	-3.33E-03	0.00E+00	0.00E+00	-1.02E-09	-8.03E-08	-2.19E-03	-7.68E-01	0.00E+00	0.00E+00	-8.96E-01	0.00E+00	-2.16E-01	0.00E+00	4.07E-10	-1.30E-08	-8.28E-04	0.00E+00	-1.42E-01	0.00E+00	-2.16E-01	-1.38E-05	-2.16E-01	-4.65E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
MC106A	-9.87E-04	8.72E-04	1.52E-03	1.61E-02	0.00E+00	0.00E+00	-5.90E-02	-1.46E-04	1.07E-04	-7.41E-04	0.00E+00	0.00E+00	-6.10E-10	-1.34E-08	-3.37E-03	-3.57E-01	0.00E+00	0.00E+00	-3.06E-01	0.00E+00	-6.11E-03	0.00E+00	1.74E-09	-4.10E-09	-3.58E-04	0.00E+00	-9.22E-02	0.00E+00	-6.11E-03	-3.08E-06	-6.11E-03	-1.26E-01	-9.22E-02	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
MC106P	-4.29E-03	-1.62E-01	-1.18E-03	-1.57E-01	0.00E+00	0.00E+00	-1.56E+00	-4.27E-04	-2.34E-04	-3.58E-03	0.00E+00	0.00E+00	-1.30E-09	-5.99E-08	-5.11E-03	-5.39E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-1.21E+00	0.00E+00	-5.82E-09	-1.77E-08	-1.15E-03	0.00E+00	-1.25E+00	0.00E+00	-1.21E+00	-1.37E-05	-1.21E+00	-1.78E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
MC110A	-7.90E-04	3.28E-03	7.88E-04	2.73E-03	0.00E+00	0.00E+00	-9.15E-02	-1.35E-04	1.03E-04	-6.34E-04	0.00E+00	0.00E+00	-5.89E-10	-1.34E-08	6.02E-04	-7.24E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-1.00E-01	0.00E+00	2.05E-09	-3.32E-09	-3.25E-04	0.00E+00	-9.19E-02	0.00E+00	-1.00E-01	-2.57E-06	-1.00E-01	-2.16E-01	-9.19E-02	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
MC110P	-2.19E-03	-1.12E-01	-2.47E-04	-1.12E-01	0.00E+00	0.00E+00	-9.73E-01	-2.32E-04	-1.00E-04	-1.32E-03	0.00E+00	0.00E+00	-6.06E-10	-2.99E-08	-6.05E-04	-3.30E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.11E+00	0.00E+00	-3.10E-09	-1.35E-08	-4.97E-04	0.00E+00	-4.47E-01	0.00E+00	-1.11E+00	-7.16E-06	-1.11E+00	-1.52E+00	-4.47E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
MC113A	-1.01E-03	2.65E-02	1.32E-03	1.32E-02	0.00E+00	0.00E+00	1.09E-01	-1.15E-04	1.27E-04	-7.30E-04	0.00E+00	0.00E+00	-5.70E-10	-1.34E-08	-2.47E-03	-3.45E-01	0.00E+00	0.00E+00	-1.03E-01	0.00E+00	2.67E-01	0.00E+00	2.70E-09	-3.70E-09	-2.70E-04	0.00E+00	-9.74E-02	0.00E+00	2.67E-01	-2.49E-06	2.67E-01	1.74E-01	-9.74E-02	0.00E+00	0.00E+00	0.00E+00	-7.06E+00
MC116A	2.51E-04	9.96E-03	1.79E-03	8.17E-03	0.00E+00	0.00E+00	4.68E-01	-6.37E-06	1.70E-04	1.24E-04	0.00E+00	0.00E+00	-1.05E-10	1.98E-09	2.43E-03	-2.66E-01	0.00E+00	0.00E+00	2.60E-01	0.00E+00	3.56E-01	0.00E+00	3.38E-09	9.89E-11	-3.35E-07	0.00E+00	7.93E-04	0.00E+00	3.56E-01	-2.69E-07	3.56E-01	3.57E-01	7.93E-04	0.00E+00	0.00E+00	0.00E+00	8.71E+00
MC116P	-2.28E-03	-1.12E-01	-2.26E-04	-1.13E-01	0.00E+00	0.00E+00	-9.86E-01	-2.28E-04	-1.06E-04	-1.38E-03	0.00E+00	0.00E+00	-5.86E-10	-2.95E-08	-6.13E-04	-3.23E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.15E+00	0.00E+00	-3.09E-09	-1.43E-08	-5.13E-04	0.00E+00	-4.46E-01	0.00E+00	-1.15E+00	-6.93E-06	-1.15E+00	-1.57E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
MC120A	-1.52E-03	2.23E-02	1.74E-03	2.60E-02	0.00E+00	0.00E+00	7.75E-02	-1.68E-04	1.29E-04	-9.02E-04	0.00E+00	0.00E+00	-3.95E-10	-1.78E-08	-1.38E-03	-3.76E-01	0.00E+00	0.00E+00	-1.31E-01	0.00E+00	2.47E-01	0.00E+00	2.94E-09	-4.10E-09	-3.03E-04	0.00E+00	-1.14E-01	0.00E+00	2.47E-01	-4.72E-06	2.47E-01	2.02E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-8.72E+00
MC120P	-2.28E-03	-1.15E-01	-2.72E-04	-1.15E-01	0.00E+00	0.00E+00	-1.05E+00	-2.39E-04	-1.04E-04	-1.36E-03	0.00E+00	0.00E+00	-6.02E-10	-3.06E-08	-7.60E-04	-3.17E+00	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-1.14E+00	0.00E+00	-3.09E-09	-1.39E-08	-5.48E-04	0.00E+00	-4.45E-01	0.00E+00	-1.14E+00	-7.23E-06	-1.14E+00	-1.57E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
MC125A	-1.71E-03	3.77E-02	2.65E-03	4.50E-02	0.00E+00	0.00E+00	2.17E-01	-1.79E-04	2.13E-04	-6.20E-04	0.00E+00	0.00E+00	-3.53E-10	-4.07E-08	-1.18E-03	-1.12E-01	0.00E+00	0.00E+00	-9.80E-02	0.00E+00	2.54E-01	0.00E+00	5.92E-09	-5.25E-09	-1.09E-04	0.00E+00	-1.52E-02	0.00E+00	2.54E-01	-2.24E-06	2.54E-01	1.83E-01	-1.52E-02	0.00E+00	0.00E+00	0.00E+00	-6.44E+00
MC125P	-7.28E-03	-1.93E-01	-1.51E-03	-1.70E-01	0.00E+00	0.00E+00	-2.66E+00	-6.48E-04	-3.30E-04	-4.05E-03	0.00E+00	0.00E+00	-1.39E-09	-9.85E-08	-8.01E-03	-9.53E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-1.40E+00	0.00E+00	-6.02E-09	-2.22E-08	-1.77E-03	0.00E+00	-1.67E+00	0.00E+00	-1.40E+00	-2.03E-05	-1.40E+00	-2.14E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-9.23E+01
MC132A	-9.05E-03	6.69E-03	6.72E-04	2.22E-02	0.00E+00	0.00E+00	-1.89E+00	-1.10E-03	1.74E-05	-4.80E-03	0.00E+00	0.00E+00	-1.19E-09	-1.34E-07	-1.15E-03	-8.61E-01	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.84E-01	0.00E+00	2.45E-09	-1.62E-08	-1.35E-03	0.00E+00	-1.53E-01	0.00E+00	-1.84E-01	-2.97E-05	-1.84E-01	-4.57E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-7.44E+01
MC132P	-8.38E-03	-2.07E-01	-1.58E-03	-1.83E-01	0.00E+00	0.00E+00	-2.86E+00	-9.29E-04	-3.35E-04	-4.77E-03	0.00E+00	0.00E+00	-1.66E-09	-1.08E-07	-7.81E-03	-9.50E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-1.41E+00	0.00E+00	-6.34E-09	-2.33E-08	-2.14E-03	0.00E+00	-1.70E+00	0.00E+00	-1.41E+00	-2.58E-05	-1.41E+00	-2.23E+00	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
MC140A	-8.58E-03	7.25E-03	1.04E-03	2.01E-02	0.00E+00	0.00E+00	-1.75E+00	-1.03E-03	3.26E-05	-4.19E-03	0.00E+00	0.00E+00	-1.19E-09	-1.25E-07	-1.27E-03	-8.69E-01	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-2.14E-01	0.00E+00	2.48E-09	-1.57E-08	-1.26E-03	0.00E+00	-1.51E-01	0.00E+00	-2.14E-01	-2.79E-05	-2.14E-01	-4.52E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
MC140P	-8.13E-03	-2.06E-01	-1.51E-03	-1.83E-01	0.00E+00	0.00E+00	-2.85E+00	-9.91E-04	-3.41E-04	-5.25E-03	0.00E+00	0.00E+00	-1.65E-09	-1.14E-07	-7.73E-03	-9.27E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-1.42E+00	0.00E+00	-6.49E-09	-2.34E-08	-2.13E-03	0.00E+00	-1.70E+00	0.00E+00	-1.42E+00	-2.56E-05	-1.42E+00	-2.24E+00	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MC150A	-8.01E-03	-1.93E-01	5.16E-04	-9.54E-02	0.00E+00	0.00E+00	-8.89E-01	-7.94E-04	6.72E-04	-4.41E-03	0.00E+00	0.00E+00	-9.93E-10	-9.66E-08	-2.74E-03	-1.68E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-7.84E-01	0.00E+00	-5.18E-09	-1.60E-08	-7.71E-04	0.00E+00	-2.43E-01	0.00E+00	-7.84E-01	-1.86E-05	-7.84E-01	-1.05E+00	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.71E+01
MC150P	-5.59E-03	-5.06E-02	5.54E-04	-6.06E-02	0.00E+00	0.00E+00	-1.46E+00	-6.36E-04	1.17E-04	-4.70E-03	0.00E+00	0.00E+00	-1.40E-09	-9.86E-08	-3.01E-03	-4.66E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-2.06E-01	0.00E+00	3.58E-09	-1.33E-08	-1.45E-03	0.00E+00	-9.70E-01	0.00E+00	-2.06E-01	-1.85E-05	-2.06E-01	-5.95E-01	-9.70E-01	0.00E+00	0.00E+00	0.00E+00	-5.95E+01
MC163A	-5.18E-03	-1.13E-01	-5.04E-04	-7.73E-02	0.00E+00	0.00E+00	-1.08E+00	-6.50E-04	3.12E-04	-3.08E-03	0.00E+00	0.00E+00	-1.02E-09	-7.37E-08	-3.70E-03	-8.63E-01	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	-6.59E-01	0.00E+00	-6.47E-10	-1.03E-08	-9.56E-04	0.00E+00	-2.48E-01	0.00E+00	-6.59E-01	-2.04E-05	-6.59E-01	-1.15E+00	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
MC163P	-8.94E-03	-8.83E-02	8.71E-04	-7.59E-02	0.00E+00	0.00E+00	-2.25E+00	-9.58E-04	7.59E-05	-4.95E-03	0.00E+00	0.00E+00	-1.45E-09	-1.05E-07	-3.09E-03	-4.68E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-1.53E-01	0.00E+00	2.72E-09	-1.86E-08	-1.54E-03	0.00E+00	-1.04E+00	0.00E+00	-1.53E-01	-2.53E-05	-1.53E-01	-8.41E-01	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-8.53E+01
MC201A	-8.94E-03	-6.18E-02	2.06E-04	-4.91E-02	0.00E+00	0.00E+00	-1.27E+00	-8.71E-04	7.32E-05	-4.68E-03	0.00E+00	0.00E+00	-2.06E-09	-1.03E-07	-8.08E-03	-1.84E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-4.99E-01	0.00E+00	9.56E-11	-2.11E-08	-1.36E-03	0.00E+00	-4.08E-01	0.00E+00	-4.99E-01	-2.24E-05	-4.99E-01	-9.54E-01	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-6.90E+01
MC202A	-8.72E-03	-5.83E-02	5.87E-04	-4.99E-02	0.00E+00	0.00E+00	-1.21E+00	-8.71E-04	9.88E-05	-4.24E-03	0.00E+00	0.00E+00	-2.02E-09	-1.04E-07	-7.45E-03	-1.86E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-3.52E-01	0.00E+00	3.69E-10	-2.09E-08	-1.36E-03	0.00E+00	-3.95E-01	0.00E+00	-3.52E-01	-2.24E-05	-3.52E-01	-7.96E-01	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E+01
MC203A	-8.94E-03	-3.62E-02	8.44E-04	-4.69E-02	0.00E+00	0.00E+00	-1.17E+00	-9.18E-04	1.06E-04	-4.43E-03	0.00E+00	0.00E+00	-2.04E-09	-1.12E-07	-7.18E-03	-1.92E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-3.59E-01	0.00E+00	2.93E-10	-2.16E-08	-1.42E-03	0.00E+00	-3.92E-01	0.00E+00	-3.59E-01	-2.45E-05	-3.59E-01	-7.34E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.95E+01
MC204A	-9.01E-03	-4.77E-02	5.16E-04	-5.02E-02	0.00E+00	0.00E+00	-1.15E+00	-9.36E-04	8.21E-05	-4.52E-03	0.00E+00	0.00E+00	-2.08E-09	-1.08E-07	-7.35E-03	-1.84E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-4.18E-01	0.00E+00	-2.50E-10	-2.15E-08	-1.33E-03	0.00E+00	-3.92E-01	0.00E+00	-4.18E-01	-2.43E-05	-4.18E-01	-8.21E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.95E+01
MC206A	-4.55E-03	-5.88E-03	2.78E-03	-6.76E-03	0.00E+00	0.00E+00	-1.45E-01	-3.13E-04	1.25E-04	-2.09E-03	0.00E+00	0.00E+00	-1.30E-09	-4.45E-08	-8.33E-03	-9.66E-01	0.00E+00	0.00E+00	-7.09E-01	0.00E+00	1.10E-01	0.00E+00	1.77E-09	-1.07E-08	-7.92E-04	0.00E+00	-1.82E-01	0.00E+00	1.10E-01	-1.28E-05	1.10E-01	-4.07E-03	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
MC206P	-6.10E-03	-2.44E-01	-2.22E-03	-2.67E-01	0.00E+00	0.00E+00	-2.17E+00	-5.28E-04	-4.48E-04	-5.76E-03	0.00E+00	0.00E+00	-2.57E-09	-8.09E-08	-1.79E-02	-5.70E+00	0.00E+00	0.00E+00	-2.57E+00	0.00E+00	-2.48E+00	0.00E+00	-1.20E-08	-2.93E-08	-1.71E-03	0.00E+00	-1.40E+00	0.00E+00	-2.48E+00	-2.01E-05	-2.48E+00	-3.44E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
MC210A	-4.00E-03	1.68E-02	2.02E-03	1.13E-02	0.00E+00	0.00E+00	-2.31E-01	-3.86E-04	1.30E-04	-1.52E-03	0.00E+00	0.00E+00	-1.12E-09	-2.58E-08	-9.49E-04	-9.19E-01	0.00E+00	0.00E+00	-6.96E-01	0.00E+00	1.63E-01	0.00E+00	3.83E-09	-9.45E-09	-8.08E-04	0.00E+00	-1.32E-01	0.00E+00	1.63E-01	-1.22E-05	1.63E-01	9.38E-02	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MC210P	-4.20E-03	-1.86E-01	-7.28E-04	-2.16E-01	0.00E+00	0.00E+00	-1.44E+00	-4.72E-04	-2.27E-04	-3.88E-03	0.00E+00	0.00E+00	-1.88E-09	-5.49E-08	-9.86E-03	-4.97E+00	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-1.76E+00	0.00E+00	-7.53E-09	-2.41E-08	-1.17E-03	0.00E+00	-8.85E-01	0.00E+00	-1.76E+00	-1.57E-05	-1.76E+00	-2.66E+00	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-8.11E+01
MC213A	-5.38E-03	-1.49E-02	2.51E-03	-8.04E-03	0.00E+00	0.00E+00	-2.06E-01	-4.67E-04	1.31E-04	-2.36E-03	0.00E+00	0.00E+00	-1.84E-09	-5.69E-08	-9.03E-03	-1.13E+00	0.00E+00	0.00E+00	-9.99E-01	0.00E+00	2.58E-01	0.00E+00	2.99E-09	-1.25E-08	-1.09E-03	0.00E+00	-2.30E-01	0.00E+00	2.58E-01	-1.66E-05	2.58E-01	1.18E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
MC216A	-5.46E-03	-1.83E-02	1.72E-03	-1.39E-02	0.00E+00	0.00E+00	-3.70E-01	-4.85E-04	1.31E-04	-2.61E-03	0.00E+00	0.00E+00	-1.81E-09	-6.82E-08	-8.29E-03	-1.13E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	9.46E-02	0.00E+00	1.66E-09	-1.42E-08	-1.05E-03	0.00E+00	-2.08E-01	0.00E+00	9.46E-02	-1.62E-05	9.46E-02	-6.60E-02	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.00E+01
MC216P	-2.58E-03	-1.40E-01	-5.78E-04	-1.44E-01	0.00E+00	0.00E+00	-1.35E+00	-4.57E-04	-1.26E-04	-2.59E-03	0.00E+00	0.00E+00	-9.33E-10	-3.94E-08	-5.84E-03	-3.38E+00	0.00E+00	0.00E+00	-1.76E+00	0.00E+00	-1.51E+00	0.00E+00	-5.33E-09	-1.96E-08	-1.11E-03	0.00E+00	-5.49E-01	0.00E+00	-1.51E+00	-1.15E-05	-1.51E+00	-1.97E+00	-5.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.55E+01
MC220A	-2.88E-03	2.03E-02	1.71E-03	1.05E-02	0.00E+00	0.00E+00	-2.90E-01	-3.96E-04	1.24E-04	-1.16E-03	0.00E+00	0.00E+00	-9.67E-10	-3.03E-08	-2.17E-03	-8.08E-01	0.00E+00	0.00E+00	-7.04E-01	0.00E+00	-1.37E-01	0.00E+00	4.01E-09	-9.21E-09	-7.13E-04	0.00E+00	-1.20E-01	0.00E+00	-1.37E-01	-1.07E-05	-1.37E-01	-9.52E-02	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
MC220P	-3.75E-03	-1.73E-01	-1.50E-03	-1.75E-01	0.00E+00	0.00E+00	-2.05E+00	-7.22E-04	-2.22E-04	-3.74E-03	0.00E+00	0.00E+00	-1.03E-09	-6.74E-08	-1.15E-02	-8.44E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-1.77E+00	0.00E+00	-8.25E-09	-2.36E-08	-1.51E-03	0.00E+00	-6.24E-01	0.00E+00	-1.77E+00	-1.64E-05	-1.77E+00	-2.35E+00	-6.24E-01	0.00E+00	0.00E+00	0.00E+00	-9.24E+01
MC225A	-4.23E-03	-2.28E-02	2.75E-03	-8.23E-03	0.00E+00	0.00E+00	-2.82E-01	-4.18E-04	2.66E-04	-2.03E-03	0.00E+00	0.00E+00	-1.45E-09	-6.40E-08	-3.94E-03	-6.75E-01	0.00E+00	0.00E+00	-9.61E-01	0.00E+00	-1.28E-01	0.00E+00	4.28E-09	-1.50E-08	-7.49E-04	0.00E+00	-1.33E-01	0.00E+00	-1.28E-01	-1.30E-05	-1.28E-01	-3.07E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-4.47E+01
MC225P	-1.08E-02	-2.76E-01	-2.46E-03	-2.91E-01	0.00E+00	0.00E+00	-3.52E+00	-1.03E-03	-6.13E-04	-6.92E-03	0.00E+00	0.00E+00	-2.98E-09	-1.30E-07	-2.04E-02	-1.16E+01	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-2.69E+00	0.00E+00	-1.23E-08	-3.84E-08	-2.70E-03	0.00E+00	-1.91E+00	0.00E+00	-2.69E+00	-3.38E-05	-2.69E+00	-4.07E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MC232A	-6.53E-03	9.81E-03	1.23E-03	-2.35E-02	0.00E+00	0.00E+00	-1.66E+00	-1.10E-03	2.82E-04	-4.54E-03	0.00E+00	0.00E+00	-2.13E-09	-7.96E-08	-2.28E-03	-1.41E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-5.21E-01	0.00E+00	1.92E-09	-1.80E-08	-1.92E-03	0.00E+00	-4.00E-01	0.00E+00	-5.21E-01	-3.11E-05	-5.21E-01	-8.51E-01	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-8.18E+01
MC232P	-8.58E-03	-2.09E-01	-1.82E-03	-2.02E-01	0.00E+00	0.00E+00	-3.28E+00	-9.55E-04	-3.41E-04	-6.09E-03	0.00E+00	0.00E+00	-1.27E-09	-1.08E-07	-1.37E-02	-1.06E+01	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-1.95E+00	0.00E+00	-8.50E-09	-2.64E-08	-2.05E-03	0.00E+00	-1.77E+00	0.00E+00	-1.95E+00	-2.43E-05	-1.95E+00	-3.07E+00	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MC240A	-8.21E-03	3.95E-02	2.32E-03	-1.29E-02	0.00E+00	0.00E+00	-1.86E+00	-1.45E-03	7.33E-04	-3.35E-03	0.00E+00	0.00E+00	-2.10E-09	-7.75E-08	-3.59E-03	-1.50E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-3.56E-01	0.00E+00	2.97E-09	-2.68E-08	-2.32E-03	0.00E+00	-3.72E-01	0.00E+00	-3.56E-01	-4.36E-05	-3.56E-01	-7.51E-01	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-9.68E+01
MC240P	-1.53E-02	-4.94E-01	-5.71E-03	-4.50E-01	0.00E+00	0.00E+00	-5.06E+00	-1.33E-03	-8.53E-04	-1.05E-02	0.00E+00	0.00E+00	-3.37E-09	-2.07E-07	-2.22E-02	-1.26E+01	0.00E+00	0.00E+00	-4.87E+00	0.00E+00	-3.81E+00	0.00E+00	-1.66E-08	-4.95E-08	-3.34E-03	0.00E+00	-2.04E+00	0.00E+00	-3.81E+00	-4.69E-05	-3.81E+00	-5.79E+00	-2.04E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MC250A	-1.09E-02	-2.57E-01	8.30E-05	-1.68E-01	0.00E+00	0.00E+00	-1.11E+00	-1.02E-03	8.50E-04	-6.29E-03	0.00E+00	0.00E+00	-2.51E-09	-1.04E-07	-6.67E-03	-3.18E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-1.48E+00	0.00E+00	-9.93E-09	-3.17E-08	-1.16E-03	0.00E+00	-5.24E-01	0.00E+00	-1.48E+00	-3.10E-05	-1.48E+00	-2.05E+00	-5.24E-01	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MC263A	-2.09E-02	-2.35E-01	-1.69E-03	-1.28E-01	0.00E+00	0.00E+00	-1.50E+00	-1.45E-03	9.79E-04	-9.47E-03	0.00E+00	0.00E+00	-3.25E-09	-1.33E-07	-4.58E-03	-3.01E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.32E+00	0.00E+00	-9.70E-09	-4.55E-08	-2.02E-03	0.00E+00	-5.68E-01	0.00E+00	-1.32E+00	-4.40E-05	-1.32E+00	-1.97E+00	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.26E+01
MC263P	-1.50E-02	-2.09E-01	-2.24E-03	-1.01E-01	0.00E+00	0.00E+00	-4.12E+00	-1.23E-03	1.07E-05	-5.91E-03	0.00E+00	0.00E+00	-2.18E-09	-1.91E-07	-7.33E-03	-4.94E+00	0.00E+00	0.00E+00	-3.32E+00	0.00E+00	-1.04E+00	0.00E+00	1.56E-09	-3.02E-08	-2.06E-03	0.00E+00	-1.18E+00	0.00E+00	-1.04E+00	-3.64E-05	-1.04E+00	-1.89E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MC301A	-1.21E-02	-1.72E-01	-6.95E-04	-1.46E-01	0.00E+00	0.00E+00	-2.60E+00	-1.62E-03	-2.86E-04	-7.74E-03	0.00E+00	0.00E+00	-2.98E-09	-1.38E-07	-1.06E-02	-2.56E+00	0.00E+00	0.00E+00	-3.20E+00	0.00E+00	-7.72E-01	0.00E+00	-1.98E-09	-3.52E-08	-2.82E-03	0.00E+00	-6.63E-01	0.00E+00	-7.72E-01	-3.99E-05	-7.72E-01	-1.05E+00	-6.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MC302A	-1.24E-02	-1.99E-01	-6.82E-04	-1.52E-01	0.00E+00	0.00E+00	-2.48E+00	-1.67E-03	-2.86E-04	-7.67E-03	0.00E+00	0.00E+00	-2.94E-09	-1.27E-07	-1.00E-02	-2.67E+00	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-9.48E-01	0.00E+00	-1.76E-09	-3.40E-08	-2.82E-03	0.00E+00	-6.62E-01	0.00E+00	-9.48E-01	-4.00E-05	-9.48E-01	-1.21E+00	-6.62E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MC303A	-1.23E-02	-2.31E-01	-1.17E-03	-1.86E-01	0.00E+00	0.00E+00	-2.46E+00	-1.62E-03	-2.77E-04	-7.78E-03	0.00E+00	0.00E+00	-3.08E-09	-1.28E-07	-1.10E-02	-2.71E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.71E+00	0.00E+00	-6.00E-09	-3.55E-08	-2.86E-03	0.00E+00	-6.65E-01	0.00E+00	-1.71E+00	-3.85E-05	-1.71E+00	-2.04E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MC304A	-1.29E-02	-2.46E-01	-1.10E-03	-1.83E-01	0.00E+00	0.00E+00	-2.42E+00	-1.75E-03	-2.59E-04	-8.48E-03	0.00E+00	0.00E+00	-3.07E-09	-1.23E-07	-1.38E-02	-2.72E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.59E+00	0.00E+00	-6.56E-09	-3.54E-08	-2.74E-03	0.00E+00	-6.68E-01	0.00E+00	-1.59E+00	-3.86E-05	-1.59E+00	-1.86E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MC306A	-6.02E-03	-7.70E-02	3.54E-03	-5.07E-02	0.00E+00	0.00E+00	-2.09E-01	-5.84E-04	1.41E-04	-4.07E-03	0.00E+00	0.00E+00	-1.53E-09	-7.78E-08	-6.21E-03	-1.37E+00	0.00E+00	0.00E+00	-8.87E-01	0.00E+00	1.61E-02	0.00E+00	3.14E-09	-1.81E-08	-1.23E-03	0.00E+00	-2.21E-01	0.00E+00	1.61E-02	-1.84E-05	1.61E-02	1.11E-02	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-4.11E+01
MC306P	-1.27E-02	-2.59E-01	-3.58E-03	-3.24E-01	0.00E+00	0.00E+00	-2.71E+00	-1.25E-03	-6.43E-04	-8.34E-03	0.00E+00	0.00E+00	-3.96E-09	-1.22E-07	-2.84E-02	-5.60E+00	0.00E+00	0.00E+00	-4.22E+00	0.00E+00	-3.35E+00	0.00E+00	-1.58E-08	-4.87E-08	-3.35E-03	0.00E+00	-1.55E+00	0.00E+00	-3.35E+00	-3.47E-05	-3.35E+00	-4.44E+00	-1.55E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
MC310A	-5.79E-03	-1.23E-01	2.15E-03	-9.95E-02	0.00E+00	0.00E+00	-4.33E-01	-4.41E-04	1.85E-04	-4.56E-03	0.00E+00	0.00E+00	-2.18E-09	-4.92E-08	-1.30E-02	-1.45E+00	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	-1.03E-01	0.00E+00	1.24E-10	-2.43E-08	-1.51E-03	0.00E+00	-3.22E-01	0.00E+00	-1.03E-01	-1.65E-05	-1.03E-01	-2.53E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
MC310P	-6.60E-03	-2.09E-01	-2.20E-03	-2.29E-01	0.00E+00	0.00E+00	-1.89E+00	-6.12E-04	-3.05E-04	-5.25E-03	0.00E+00	0.00E+00	-2.73E-09	-6.68E-08	-1.43E-02	-4.74E+00	0.00E+00	0.00E+00	-2.70E+00	0.00E+00	-2.31E+00	0.00E+00	-9.19E-09	-3.12E-08	-2.07E-03	0.00E+00	-8.74E-01	0.00E+00	-2.31E+00	-2.24E-05	-2.31E+00	-2.77E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MC313A	-7.91E-03	-1.14E-01	1.33E-03	-1.02E-01	0.00E+00	0.00E+00	-5.18E-01	-7.18E-04	1.73E-04	-4.51E-03	0.00E+00	0.00E+00	-2.61E-09	-6.99E-08	-1.21E-02	-1.42E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-3.08E-01	0.00E+00	-2.32E-10	-2.74E-08	-1.43E-03	0.00E+00	-3.22E-01	0.00E+00	-3.08E-01	-1.66E-05	-3.08E-01	-4.83E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
MC316A	-4.68E-03	1.23E-01	2.53E-03	8.00E-02	0.00E+00	0.00E+00	-4.90E-01	-5.56E-04	1.61E-04	-2.16E-03	0.00E+00	0.00E+00	-1.19E-09	-7.67E-08	-4.03E-04	-1.34E+00	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.16E-01	0.00E+00	1.12E-08	-1.53E-08	-9.63E-04	0.00E+00	-2.34E-01	0.00E+00	-2.16E-01	-1.58E-05	-2.16E-01	-2.34E-01	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MC316P	-7.32E-03	-1.97E-01	-2.34E-03	-2.28E-01	0.00E+00	0.00E+00	-2.07E+00	-6.29E-04	-3.23E-04	-5.90E-03	0.00E+00	0.00E+00	-2.88E-09	-7.94E-08	-1.43E-02	-4.78E+00	0.00E+00	0.00E+00	-2.88E+00	0.00E+00	-2.56E+00	0.00E+00	-9.29E-09	-3.32E-08	-2.13E-03	0.00E+00	-8.62E-01	0.00E+00	-2.56E+00	-2.61E-05	-2.56E+00	-3.01E+00	-8.62E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MC320A	-1.14E-02	-1.28E-01	8.71E-04	-1.16E-01	0.00E+00	0.00E+00	-4.32E-01	-9.91E-04	1.65E-04	-5.65E-03	0.00E+00	0.00E+00	-2.36E-09	-1.03E-07	-1.19E-02	-1.55E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-2.63E-01	0.00E+00	1.86E-10	-2.98E-08	-1.12E-03	0.00E+00	-3.52E-01	0.00E+00	-2.63E-01	-1.58E-05	-2.63E-01	-5.30E-01	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-6.11E+01
MC325A	-1.31E-02	2.01E-02	4.20E-03	1.23E-02	0.00E+00	0.00E+00	3.88E-02	-1.37E-03	3.25E-04	-2.63E-03	0.00E+00	0.00E+00	-1.53E-09	-7.38E-08	-1.02E-02	-1.33E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	4.10E-01	0.00E+00	6.62E-09	-3.12E-08	-7.07E-04	0.00E+00	-2.34E-01	0.00E+00	4.10E-01	-8.52E-06	4.10E-01	5.29E-02	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
MC325P	-2.18E-02	-2.83E-01	-4.89E-03	-3.47E-01	0.00E+00	0.00E+00	-5.07E+00	-2.00E-03	-1.03E-03	-1.40E-02	0.00E+00	0.00E+00	-4.47E-09	-2.40E-07	-3.26E-02	-1.48E+01	0.00E+00	0.00E+00	-5.14E+00	0.00E+00	-3.70E+00	0.00E+00	-1.73E-08	-6.78E-08	-4.58E-03	0.00E+00	-2.22E+00	0.00E+00	-3.70E+00	-5.64E-05	-3.70E+00	-5.39E+00	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
MC332A	-2.19E-02	-2.21E-01	-1.43E-03	-2.62E-02	0.00E+00	0.00E+00	-3.85E+00	-2.28E-03	4.09E-04	-8.43E-03	0.00E+00	0.00E+00	-4.64E-09	-2.75E-07	-6.35E-03	-1.75E+00	0.00E+00	0.00E+00	-3.89E+00	0.00E+00	-9.00E-01	0.00E+00	-2.84E-09	-5.91E-08	-4.73E-03	0.00E+00	-6.13E-01	0.00E+00	-9.00E-01	-5.07E-05	-9.00E-01	-1.10E+00	-6.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MC332P	-2.56E-02	-6.55E-01	-9.22E-03	-6.56E-01	0.00E+00	0.00E+00	-5.59E+00	-2.12E-03	-1.45E-03	-1.81E-02	0.00E+00	0.00E+00	-5.21E-09	-3.30E-07	-3.38E-02	-1.65E+01	0.00E+00	0.00E+00	-5.47E+00	0.00E+00	-5.43E+00	0.00E+00	-2.50E-08	-8.15E-08	-5.47E-03	0.00E+00	-2.44E+00	0.00E+00	-5.43E+00	-7.96E-05	-5.43E+00	-8.18E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
MC340A	-2.23E-02	-1.74E-01	-6.58E-04	-2.88E-01	0.00E+00	0.00E+00	-4.58E+00	-1.84E-03	-3.26E-04	-1.20E-02	0.00E+00	0.00E+00	-4.88E-09	-2.87E-07	-8.23E-03	-2.26E+00	0.00E+00	0.00E+00	-4.58E+00	0.00E+00	-2.01E+00	0.00E+00	-6.15E-09	-5.50E-08	-4.19E-03	0.00E+00	-6.57E-01	0.00E+00	-2.01E+00	-4.60E-05	-2.01E+00	-2.49E+00	-6.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MC340P	-3.14E-02	-6.31E-01	-9.18E-03	-6.40E-01	0.00E+00	0.00E+00	-7.73E+00	-2.91E-03	-1.60E-03	-2.14E-02	0.00E+00	0.00E+00	-5.81E-09	-3.72E-07	-3.63E-02	-1.73E+01	0.00E+00	0.00E+00	-7.26E+00	0.00E+00	-4.90E+00	0.00E+00	-2.35E-08	-8.85E-08	-6.31E-03	0.00E+00	-2.60E+00	0.00E+00	-4.90E+00	-9.79E-05	-4.90E+00	-7.38E+00	-2.60E+00	0.00E+00	0.00E+00	0.00E+00	-3.07E+02
MC350A	-3.92E-02	-3.35E-01	-6.16E-03	-2.58E-01	0.00E+00	0.00E+00	-5.45E+00	-3.91E-03	-8.41E-04	-2.36E-02	0.00E+00	0.00E+00	-5.30E-09	-4.47E-07	-8.90E-03	-4.26E+00	0.00E+00	0.00E+00	-5.66E+00	0.00E+00	-2.63E+00	0.00E+00	-1.73E-08	-8.84E-08	-6.49E-03	0.00E+00	-9.63E-01	0.00E+00	-2.63E+00	-1.15E-04	-2.63E+00	-4.08E+00	-9.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
MC350P	-3.37E-02	-3.37E-02	-3.76E-03	-9.63E-02	0.00E+00	0.00E+00	-4.07E+00	-2.27E-03	-1.31E-03	-1.93E-02	0.00E+00	0.00E+00	-4.93E-09	-3.58E-07	-1.47E-02	-3.85E+00	0.00E+00	0.00E+00	-4.44E+00	0.00E+00	-1.33E+00	0.00E+00	6.55E-09	-6.63E-08	-4.00E-03	0.00E+00	-1.18E+00	0.00E+00	-1.33E+00	-1.11E-04	-1.33E+00	-1.84E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MC363A	-4.14E-02	-3.44E-01	-7.28E-03	-3.37E-01	0.00E+00	0.00E+00	-8.10E+00	-4.33E-03	-1.59E-03	-2.26E-02	0.00E+00	0.00E+00	-6.07E-09	-5.10E-07	-5.65E-03	-4.18E+00	0.00E+00	0.00E+00	-7.05E+00	0.00E+00	-3.61E+00	0.00E+00	-1.84E-08	-9.46E-08	-6.40E-03	0.00E+00	-9.75E-01	0.00E+00	-3.61E+00	-1.16E-04	-3.61E+00	-5.17E+00	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+02
MC363P	-3.66E-02	-1.84E-01	-5.31E-03	-1.93E-01	0.00E+00	0.00E+00	-7.77E+00	-3.13E-03	-1.54E-03	-2.15E-02	0.00E+00	0.00E+00	-5.39E-09	-3.88E-07	-1.39E-02	-4.10E+00	0.00E+00	0.00E+00	-6.93E+00	0.00E+00	-1.66E+00	0.00E+00	-4.97E-10	-7.13E-08	-5.33E-03	0.00E+00	-1.25E+00	0.00E+00	-1.66E+00	-1.10E-04	-1.66E+00	-2.36E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E+02

MC400A	-1.52E-02	-1.70E-01	-1.59E-03	-9.39E-02	0.00E+00	0.00E+00	-4.64E+00	-1.74E-03	-3.19E-04	-8.59E-03	0.00E+00	0.00E+00	-3.49E-09	-1.23E-07	-9.77E-03	-2.40E+00	0.00E+00	0.00E+00	-4.05E+00	0.00E+00	-1.53E+00	0.00E+00	-6.74E-09	-3.67E-08	-2.88E-03	0.00E+00	-5.90E-01	0.00E+00	-1.53E+00	-4.02E-05	-1.53E+00	-1.65E+00	-5.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MC402A	-1.56E-02	-1.78E-01	-9.36E-04	-1.39E-01	0.00E+00	0.00E+00	-5.34E+00	-1.79E-03	9.83E-04	-9.19E-03	0.00E+00	0.00E+00	-3.92E-09	-1.49E-07	-1.13E-02	-3.44E+00	0.00E+00	0.00E+00	-4.96E+00	0.00E+00	-1.62E+00	0.00E+00	-6.92E-09	-3.23E-08	-2.63E-03	0.00E+00	-7.04E-01	0.00E+00	-1.62E+00	-3.63E-05	-1.62E+00	-2.12E+00	-7.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
MC403A	-1.62E-02	-1.73E-01	-2.14E-04	-1.49E-01	0.00E+00	0.00E+00	-5.03E+00	-1.67E-03	1.00E-03	-1.05E-02	0.00E+00	0.00E+00	-3.81E-09	-1.51E-07	-8.86E-03	-3.40E+00	0.00E+00	0.00E+00	-4.44E+00	0.00E+00	-1.67E+00	0.00E+00	-7.54E-09	-3.83E-08	-2.84E-03	0.00E+00	-7.19E-01	0.00E+00	-1.67E+00	-3.41E-05	-1.67E+00	-2.24E+00	-7.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MC404A	-1.71E-02	-1.87E-01	-1.01E-03	-1.53E-01	0.00E+00	0.00E+00	-4.95E+00	-1.78E-03	-3.52E-04	-9.36E-03	0.00E+00	0.00E+00	-3.90E-09	-1.48E-07	-8.92E-03	-2.91E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-1.62E+00	0.00E+00	-7.67E-09	-3.97E-08	-2.89E-03	0.00E+00	-8.30E-01	0.00E+00	-1.62E+00	-3.88E-05	-1.62E+00	-1.96E+00	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MC406A	-1.13E-02	-1.09E-01	2.33E-03	-3.95E-02	0.00E+00	0.00E+00	-1.47E+00	-1.34E-03	-3.49E-04	-6.42E-03	0.00E+00	0.00E+00	-2.13E-09	-8.99E-08	-1.55E-03	-1.85E+00	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	-5.38E-01	0.00E+00	7.67E-10	-2.49E-08	-1.68E-03	0.00E+00	-2.94E-01	0.00E+00	-5.38E-01	-2.95E-05	-5.38E-01	-5.38E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-8.38E+01
MC410A	-1.03E-02	-1.23E-01	1.24E-03	-8.53E-02	0.00E+00	0.00E+00	-2.03E+00	-1.36E-03	-2.30E-04	-6.11E-03	0.00E+00	0.00E+00	-3.26E-09	-9.45E-08	-4.27E-03	-1.96E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-1.12E+00	0.00E+00	-3.01E-10	-3.37E-08	-2.27E-03	0.00E+00	-4.29E-01	0.00E+00	-1.12E+00	-3.11E-05	-1.12E+00	-1.68E+00	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MC413A	-1.08E-02	-8.00E-02	1.49E-03	-6.00E-02	0.00E+00	0.00E+00	-2.03E+00	-1.37E-03	2.92E-05	-6.25E-03	0.00E+00	0.00E+00	-2.75E-09	-1.28E-07	-5.07E-03	-1.53E+00	0.00E+00	0.00E+00	-2.21E+00	0.00E+00	-6.39E-01	0.00E+00	8.46E-10	-2.99E-08	-1.59E-03	0.00E+00	-1.54E-01	0.00E+00	-6.39E-01	-3.00E-05	-6.39E-01	-1.00E+00	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MC416A	-1.15E-02	-3.06E-02	2.29E-03	5.72E-03	0.00E+00	0.00E+00	-8.04E-01	-1.20E-03	-1.67E-04	-5.50E-03	0.00E+00	0.00E+00	-2.01E-09	-1.12E-07	-2.75E-03	-1.62E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	7.50E-02	0.00E+00	1.15E-08	-2.23E-08	-1.48E-03	0.00E+00	-2.01E-01	0.00E+00	7.50E-02	-3.55E-05	7.50E-02	1.19E-02	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MC420A	-1.02E-02	-4.28E-02	1.76E-03	3.35E-02	0.00E+00	0.00E+00	-1.10E+00	-1.38E-03	3.72E-04	-5.98E-03	0.00E+00	0.00E+00	-2.40E-09	-1.31E-07	-1.28E-03	-1.60E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	3.90E-01	0.00E+00	2.63E-09	-2.48E-08	-1.44E-03	0.00E+00	-1.85E-01	0.00E+00	3.90E-01	-2.91E-05	3.90E-01	1.36E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-8.26E+01
MC420P	-1.35E-02	-1.70E-01	-2.24E-03	-1.76E-01	0.00E+00	0.00E+00	-3.47E+00	-1.08E-03	-6.07E-04	-8.89E-03	0.00E+00	0.00E+00	-1.56E-09	-1.10E-07	-1.55E-02	-1.02E+01	0.00E+00	0.00E+00	-3.21E+00	0.00E+00	-2.27E+00	0.00E+00	-1.06E-08	-4.40E-08	-2.70E-03	0.00E+00	-7.43E-01	0.00E+00	-2.27E+00	-3.60E-05	-2.27E+00	-3.35E+00	-7.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MC425A	-1.53E-02	-3.92E-03	3.59E-04	-5.62E-03	0.00E+00	0.00E+00	-2.83E+00	-1.86E-03	-2.85E-04	-8.36E-03	0.00E+00	0.00E+00	-4.13E-09	-2.14E-07	-1.30E-02	-1.91E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-5.74E-01	0.00E+00	2.90E-09	-3.91E-08	-3.73E-03	0.00E+00	-4.84E-01	0.00E+00	-5.74E-01	-4.23E-05	-5.74E-01	-6.35E-01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MC425P	-2.20E-02	-2.16E-01	-3.60E-03	-2.38E-01	0.00E+00	0.00E+00	-5.93E+00	-2.12E-03	-7.64E-04	-1.31E-02	0.00E+00	0.00E+00	-3.80E-09	-2.82E-07	-1.88E-02	-1.34E+01	0.00E+00	0.00E+00	-4.65E+00	0.00E+00	-2.31E+00	0.00E+00	-1.06E-08	-5.33E-08	-4.63E-03	0.00E+00	-2.13E+00	0.00E+00	-2.31E+00	-8.23E-05	-2.31E+00	-4.07E+00	-2.13E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MC432A	-1.88E-02	-7.79E-02	-1.05E-03	-7.83E-02	0.00E+00	0.00E+00	-4.27E+00	-1.74E-03	1.59E-03	-5.80E-03	0.00E+00	0.00E+00	-4.59E-09	-2.18E-07	-5.51E-03	-2.27E+00	0.00E+00	0.00E+00	-4.62E+00	0.00E+00	-1.04E+00	0.00E+00	-6.97E-09	-3.97E-08	-2.97E-03	0.00E+00	-7.04E-01	0.00E+00	-1.04E+00	-4.62E-05	-1.04E+00	-1.78E+00	-7.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MC432P	-2.27E-02	-2.18E-01	-3.63E-03	-2.37E-01	0.00E+00	0.00E+00	-5.97E+00	-2.24E-03	-7.51E-04	-1.43E-02	0.00E+00	0.00E+00	-3.76E-09	-2.87E-07	-1.87E-02	-1.34E+01	0.00E+00	0.00E+00	-4.70E+00	0.00E+00	-2.32E+00	0.00E+00	-1.06E-08	-5.53E-08	-4.76E-03	0.00E+00	-2.15E+00	0.00E+00	-2.32E+00	-8.21E-05	-2.32E+00	-4.07E+00	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
MC440A	-8.42E-03	-1.21E-01	-1.96E-03	-2.72E-01	0.00E+00	0.00E+00	-4.00E+00	-1.48E-03	1.46E-03	-1.46E-02	0.00E+00	0.00E+00	-6.16E-09	-3.15E-07	-5.71E-03	-2.76E+00	0.00E+00	0.00E+00	-4.12E+00	0.00E+00	-7.02E-01	0.00E+00	-8.33E-09	-4.42E-08	-4.12E-03	0.00E+00	-6.63E-01	0.00E+00	-7.02E-01	-3.94E-05	-7.02E-01	-1.48E+00	-6.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MC440P	-2.41E-02	-2.18E-01	-3.71E-03	-2.54E-01	0.00E+00	0.00E+00	-7.39E+00	-2.51E-03	-1.07E-03	-1.88E-02	0.00E+00	0.00E+00	-4.36E-09	-3.34E-07	-1.89E-02	-1.42E+01	0.00E+00	0.00E+00	-5.71E+00	0.00E+00	-2.47E+00	0.00E+00	-7.94E-09	-6.02E-08	-4.92E-03	0.00E+00	-2.32E+00	0.00E+00	-2.47E+00	-9.21E-05	-2.47E+00	-4.23E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
MC450A	-4.99E-02	-3.23E-01	-7.64E-03	-3.69E-01	0.00E+00	0.00E+00	-1.13E+01	-5.44E-03	-2.60E-03	-3.43E-02	0.00E+00	0.00E+00	-8.76E-09	-6.57E-07	-1.09E-02	-6.79E+00	0.00E+00	0.00E+00	-1.04E+01	0.00E+00	-4.48E+00	0.00E+00	-1.91E-08	-1.19E-07	-1.02E-02	0.00E+00	-1.42E+00	0.00E+00	-4.48E+00	-1.70E-04	-4.48E+00	-5.76E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-4.48E+02
MC450P	-2.54E-02	-3.72E-02	-1.87E-03	-9.69E-02	0.00E+00	0.00E+00	-6.63E+00	-2.48E-03	-8.99E-04	-1.74E-02	0.00E+00	0.00E+00	-4.01E-09	-3.47E-07	-8.49E-03	-4.71E+00	0.00E+00	0.00E+00	-5.05E+00	0.00E+00	-1.03E+00	0.00E+00	1.10E-09	-4.68E-08	-3.90E-03	0.00E+00	-1.18E+00	0.00E+00	-1.03E+00	-9.41E-05	-1.03E+00	-1.80E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
MC463A	-4.52E-02	-3.15E-01	-7.36E-03	-3.69E-01	0.00E+00	0.00E+00	-9.83E+00	-5.43E-03	-2.42E-03	-3.38E-02	0.00E+00	0.00E+00	-8.71E-09	-6.70E-07	-3.91E-03	-6.71E+00	0.00E+00	0.00E+00	-9.19E+00	0.00E+00	-3.65E+00	0.00E+00	-1.90E-08	-1.19E-07	-1.00E-02	0.00E+00	-1.37E+00	0.00E+00	-3.65E+00	-1.58E-04	-3.65E+00	-4.82E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.93E+02
MC463P	-2.33E-02	-5.64E-02	-1.65E-03	-1.08E-01	0.00E+00	0.00E+00	-6.64E+00	-2.50E-03	-6.44E-04	-1.63E-02	0.00E+00	0.00E+00	-3.91E-09	-3.46E-07	-7.74E-03	-4.77E+00	0.00E+00	0.00E+00	-5.19E+00	0.00E+00	-5.03E-01	0.00E+00	5.94E-10	-4.58E-08	-4.07E-03	0.00E+00	-1.21E+00	0.00E+00	-5.03E-01	-7.94E-05	-5.03E-01	-1.51E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
MC506A	-4.26E-03	2.88E-02	3.07E-03	-1.32E-03	0.00E+00	0.00E+00	-6.90E-03	-2.91E-04	2.10E-04	-1.99E-03	0.00E+00	0.00E+00	-1.18E-09	-4.26E-08	-7.79E-03	-9.76E-01	0.00E+00	0.00E+00	-6.88E-01	0.00E+00	1.74E-01	0.00E+00	3.20E-09	-1.04E-08	-7.74E-04	0.00E+00	-2.05E-01	0.00E+00	1.74E-01	-1.12E-05	1.74E-01	3.02E-02	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
MC510A	-4.32E-03	3.29E-02	3.63E-03	-6.15E-04	0.00E+00	0.00E+00	3.04E-02	-3.47E-04	2.59E-04	-1.73E-03	0.00E+00	0.00E+00	-1.25E-09	-4.08E-08	-9.43E-03	-9.97E-01	0.00E+00	0.00E+00	-7.97E-01	0.00E+00	2.11E-01	0.00E+00	3.37E-09	-9.64E-09	-8.20E-04	0.00E+00	-2.07E-01	0.00E+00	2.11E-01	-1.16E-05	2.11E-01	-3.51E-02	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
MC513A	-5.25E-03	1.03E-02	4.20E-03	1.70E-02	0.00E+00	0.00E+00	-1.19E-01	-4.52E-04	2.41E-04	-1.94E-03	0.00E+00	0.00E+00	-1.74E-09	-3.29E-08	-9.03E-03	-1.14E+00	0.00E+00	0.00E+00	-8.65E-01	0.00E+00	6.71E-03	0.00E+00	6.11E-09	-1.40E-08	-1.04E-03	0.00E+00	-1.84E-01	0.00E+00	6.71E-03	-1.60E-05	6.71E-03	-1.50E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MC516A	-5.16E-03	6.06E-03	3.68E-03	1.48E-02	0.00E+00	0.00E+00	-1.04E-01	-4.74E-04	3.08E-04	-2.17E-03	0.00E+00	0.00E+00	-1.76E-09	-3.81E-08	-7.47E-03	-1.13E+00	0.00E+00	0.00E+00	-8.12E-01	0.00E+00	-3.85E-02	0.00E+00	5.67E-09	-1.44E-08	-9.56E-04	0.00E+00	-1.75E-01	0.00E+00	-3.85E-02	-1.52E-05	-3.85E-02	-2.10E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-4.27E+01
MC520A	-3.92E-03	3.08E-02	3.79E-03	1.54E-02	0.00E+00	0.00E+00	-1.30E-01	-4.10E-04	3.02E-04	-1.87E-03	0.00E+00	0.00E+00	-1.50E-09	-2.82E-08	-5.51E-03	-1.14E+00	0.00E+00	0.00E+00	-6.60E-01	0.00E+00	-1.04E-01	0.00E+00	5.16E-09	-1.43E-08	-7.45E-04	0.00E+00	-1.67E-01	0.00E+00	-1.04E-01	-1.51E-05	-1.04E-01	-2.05E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
MC525A	-6.00E-03	3.94E-02	3.88E-03	3.14E-02	0.00E+00	0.00E+00	-3.63E-01	-6.00E-04	2.38E-04	-4.14E-03	0.00E+00	0.00E+00	-1.51E-09	-2.53E-08	1.71E-03	-7.50E-01	0.00E+00	0.00E+00	-7.77E-01	0.00E+00	-2.63E-01	0.00E+00	5.17E-09	-2.24E-08	-1.07E-03	0.00E+00	-9.43E-02	0.00E+00	-2.63E-01	-2.23E-05	-2.63E-01	-3.29E-01	-9.43E-02	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MC532A	-1.21E-02	3.51E-02	2.06E-03	1.45E-02	0.00E+00	0.00E+00	-1.54E+00	-1.27E-03	2.66E-04	-4.01E-03	0.00E+00	0.00E+00	-2.02E-09	-8.76E-08	-2.65E-03	-1.60E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-6.40E-01	0.00E+00	4.73E-09	-2.46E-08	-1.11E-03	0.00E+00	-3.68E-01	0.00E+00	-6.40E-01	-3.05E-05	-6.40E-01	-9.85E-01	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-8.62E+01
MC540A	-1.48E-02	4.76E-02	2.07E-03	1.61E-02	0.00E+00	0.00E+00	-2.24E+00	-1.56E-03	4.81E-04	-4.07E-03	0.00E+00	0.00E+00	-2.37E-09	-1.90E-07	-3.50E-03	-1.73E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-4.45E-01	0.00E+00	4.85E-09	-3.29E-08	-2.42E-03	0.00E+00	-3.66E-01	0.00E+00	-4.45E-01	-2.93E-05	-4.45E-01	-7.76E-01	-3.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MC563A	-1.79E-02	-2.31E-01	-1.85E-03	-1.13E-01	0.00E+00	0.00E+00	-9.08E-01	-1.14E-03	1.29E-03	-1.15E-02	0.00E+00	0.00E+00	-3.23E-09	-9.66E-08	-4.49E-03	-3.02E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-1.18E+00	0.00E+00	-8.87E-09	-4.17E-08	-2.18E-03	0.00E+00	-5.01E-01	0.00E+00	-1.18E+00	-3.51E-05	-1.18E+00	-1.65E+00	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.24E+01
MCA100	-4.99E-03	-5.94E-02	2.00E-04	-2.01E-02	0.00E+00	0.00E+00	-1.05E+00	-4.21E-04	4.22E-05	-2.33E-03	0.00E+00	0.00E+00	-9.61E-10	-4.63E-08	-1.36E-03	-8.46E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-3.03E-01	0.00E+00	8.87E-10	-1.09E-08	-6.41E-04	0.00E+00	-1.13E-01	0.00E+00	-3.03E-01	-1.44E-05	-3.03E-01	-7.16E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.33E+01
MCA101	-4.85E-03	-5.17E-02	2.42E-04	-8.55E-03	0.00E+00	0.00E+00	-9.99E-01	-4.38E-04	4.23E-05	-2.25E-03	0.00E+00	0.00E+00	-9.44E-10	-5.48E-08	-1.16E-03	-8.24E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-2.99E-01	0.00E+00	1.22E-09	-1.03E-08	-5.95E-04	0.00E+00	-1.12E-01	0.00E+00	-2.99E-01	-1.32E-05	-2.99E-01	-6.92E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E+01
MCA102	-4.80E-03	-5.02E-02	2.18E-04	-5.99E-03	0.00E+00	0.00E+00	-9.93E-01	-4.12E-04	4.59E-05	-2.22E-03	0.00E+00	0.00E+00	-8.75E-10	-5.54E-08	-7.59E-04	-8.25E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-2.83E-01	0.00E+00	1.58E-09	-9.79E-09	-5.51E-04	0.00E+00	-1.06E-01	0.00E+00	-2.83E-01	-1.31E-05	-2.83E-01	-6.92E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
MCA103	-4.30E-03	-5.60E-02	1.75E-04	-1.83E-02	0.00E+00	0.00E+00	-9.43E-01	-3.63E-04	6.36E-05	-1.88E-03	0.00E+00	0.00E+00	-8.74E-10	-4.45E-08	-8.35E-04	-8.11E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-2.98E-01	0.00E+00	1.28E-09	-9.86E-09	-5.63E-04	0.00E+00	-1.12E-01	0.00E+00	-2.98E-01	-1.25E-05	-2.98E-01	-7.15E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
MCA104	-4.57E-03	-4.95E-02	2.64E-04	-6.94E-03	0.00E+00	0.00E+00	-1.02E+00	-4.14E-04	5.49E-05	-1.98E-03	0.00E+00	0.00E+00	-8.92E-10	-5.92E-08	-7.04E-04	-8.51E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.66E-01	0.00E+00	1.57E-09	-9.65E-09	-5.41E-04	0.00E+00	-1.13E-01	0.00E+00	-2.66E-01	-1.31E-05	-2.66E-01	-6.68E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
MCA106	-2.67E-03	-2.61E-03	5.54E-04	1.02E-02	0.00E+00	0.00E+00	-4.75E-01	-2.44E-04	8.89E-05	-1.18E-03	0.00E+00	0.00E+00	-7.18E-10	-2.66E-08	4.72E-06	-4.25E-01	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	-1.74E-01	0.00E+00	1.79E-09	-6.83E-09	-3.76E-04	0.00E+00	-5.62E-02	0.00E+00	-1.74E-01	-5.76E-06	-1.74E-01	-3.23E-01	-5.62E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MCA110	-2.62E-03	3.31E-03	5.33E-04	9.11E-03	0.00E+00	0.00E+00	-4.68E-01	-2.16E-04	4.34E-05	-1.12E-03	0.00E+00	0.00E+00	-7.43E-10	-2.23E-08	5.12E-06	-4.65E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-1.64E-01	0.00E+00	1.98E-09	-6.48E-09	-3.92E-04	0.00E+00	-6.16E-02	0.00E+00	-1.64E-01	-4.98E-06	-1.64E-01	-3.28E-01	-6.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
MCA113	-2.38E-03	5.31E-03	5.85E-04	1.21E-02	0.00E+00	0.00E+00	-4.82E-01	-2.03E-04	8.89E-05	-1.06E-03	0.00E+00	0.00E+00	-4.60E-10	-1.95E-08	3.99E-04	-4.63E-01	0.00E+00	0.00E+00	-5.96E-01	0.00E+00	-1.37E-01	0.00E+00	2.03E-09	-6.05E-09	-3.77E-04	0.00E+00	-5.94E-02	0.00E+00	-1.37E-01	-5.34E-06	-1.37E-01	-3.07E-01	-5.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
MCA116	-2.83E-03	1.04E-02	6.98E-04	2.71E-02	0.00E+00	0.00E+00	-4.82E-01	-2.70E-04	8.04E-05	-1.16E-03	0.00E+00	0.00E+00	-7.44E-10	-3.23E-08	2.55E-04	-4.70E-01	0.00E+00	0.00E+00	-6.29E-01	0.00E+00	-9.30E-02	0.00E+00	2.43E-09	-6.58E-09	-3.78E-04	0.00E+00	-5.24E-02	0.00E+00	-9.30E-02	-5.52E-06	-9.30E-02	-2.37E-01	-5.24E-02	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MCA120	-4.75E-03	1.05E-02	6.82E-04	2.66E-02	0.00E+00	0.00E+00	-7.91E-01	-4.81E-04	5.74E-05	-2.16E-03	0.00E+00	0.00E+00	-8.40E-10	-8.06E-08	1.99E-04	-6.71E-01	0.00E+00	0.00E+00	-8.31E-01	0.00E+00	-9.66E-02	0.00E+00	2.44E-09	-8.58E-09	-5.83E-04	0.00E+00	-6.97E-02	0.00E+00	-9.66E-02	-1.59E-05	-9.66E-02	-2.34E-01	-6.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
MCA125	-4.50E-03	6.49E-03	5.96E-04	1.40E-02	0.00E+00	0.00E+00	-8.06E-01	-4.63E-04	7.51E-05	-2.33E-03	0.00E+00	0.00E+00	-9.01E-10	-7.02E-08	3.14E-04	-6.62E-01	0.00E+00	0.00E+00	-8.40E-01	0.00E+00	-1.47E-01	0.00E+00	2.16E-09	-8.80E-09	-6.43E-04	0.00E+00	-6.98E-02	0.00E+00	-1.47E-01	-1.53E-05	-1.47E-01	-3.10E-01	-6.98E-02	0.00E+00	0.00E+00	0.00E+00	-4.03E+01
MCA132	-4.32E-03	9.78E-03	1.21E-03	3.27E-02	0.00E+00	0.00E+00	-8.58E-01	-5.18E-04	3.80E-05	-2.41E-03	0.00E+00	0.00E+00	-7.74E-10	-6.10E-08	6.54E-04	-7.23E-01	0.00E+00	0.00E+00	-8.07E-01	0.00E+00	-6.81E-02	0.00E+00	2.91E-09	-8.17E-09	-6.37E-04	0.00E+00	-7.63E-02	0.00E+00	-6.81E-02	-1.60E-05	-6.81E-02	-1.85E-01	-7.63E-02	0.00E+00	0.00E+00	0.00E+00	-3.99E+01
MCA140	-1.63E-03	9.36E-03	2.18E-03	3.64E-02	0.00E+00	0.00E+00	2.09E-02	-2.32E-04	1.76E-04	-6.10E-04	0.00E+00	0.00E+00	-5.54E-10	-1.65E-08	2.66E-04	-6.25E-01	0.00E+00	0.00E+00	-1.99E-01	0.00E+00	8.60E-02	0.00E+00	3.58E-09	-4.83E-09	-2.49E-04	0.00E+00	-9.16E-02	0.00E+00	8.60E-02	-5.99E-06	8.60E-02	1.34E-01	-9.16E-02	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
MCA150	-2.48E-03	3.71E-02	2.19E-03	5.32E-02	0.00E+00	0.00E+00	-6.32E-02	-4.55E-04	2.09E-04	-1.05E-03	0.00E+00	0.00E+00	-7.12E-10	-3.99E-08	7.07E-04	-6.90E-01	0.00E+00	0.00E+00	-1.93E-01	0.00E+00	3.93E-01	0.00E+00	7.51E-09	-5.44E-09	-4.85E-04	0.00E+00	-1.07E-01	0.00E+00	3.93E-01	-1.45E-05	3.93E-01	2.22E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.99E+00
MCA163	-1.40E-03	4.71E-03	2.48E-03	2.35E-02	0.00E+00	0.00E+00	-4.65E-02	-2.52E-04	2.62E-04	-6.74E-04	0.00E+00	0.00E+00	-6.53E-10	-9.22E-09	-3.91E-04	-5.06E-01	0.00E+00	0.00E+00	-1.78E-01	0.00E+00	-7.40E-02	0.00E+00	3.18E-09	-5.45E-09	-5.34E-04	0.00E+00	-8.57E-02	0.00E+00	-7.40E-02	-6.96E-06	-7.40E-02	-1.36E-01	-8.57E-02	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
MCA200	-6.44E-03	-6.16E-02	2.40E-04	-2.33E-02	0.00E+00	0.00E+00	-1.97E+00	-5.13E-04	-9.27E-05	-3.33E-03	0.00E+00	0.00E+00	-2.20E-09	-1.28E-07	-5.88E-03	-1.18E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-4.58E-01	0.00E+00	1.78E-09	-1.45E-08	-8.14E-04	0.00E+00	-2.10E-01	0.00E+00	-4.58E-01	-3.95E-05	-4.58E-01	-7.46E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-8.40E+01
MCA201	-6.54E-03	-5.51E-02	2.22E-04	-1.64E-02	0.00E+00	0.00E+00	-2.20E+00	-5.29E-04	-1.20E-04	-3.40E-03	0.00E+00	0.00E+00	-2.19E-09	-1.34E-07	-5.67E-03	-1.17E+00	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-5.16E-01	0.00E+00	1.81E-09	-1.43E-08	-8.12E-04	0.00E+00	-2.06E-01	0.00E+00	-5.16E-01	-3.93E-05	-5.16E-01	-8.00E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-8.82E+01
MCA202	-7.36E-03	-5.54E-02	2.03E-04	-1.74E-02	0.00E+00	0.00E+00	-2.31E+00	-6.47E-04	-1.14E-04	-3.70E-03	0.00E+00	0.00E+00	-2.20E-09	-1.50E-07	-5.65E-03	-1.21E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-5.51E-01	0.00E+00	1.83E-09	-1.55E-08	-9.30E-04	0.00E+00	-2.11E-01	0.00E+00	-5.51E-01	-4.33E-05	-5.51E-01	-8.50E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.35E+01
MCA203	-7.24E-03	-6.83E-02	1.20E-05	-3.24E-02	0.00E+00	0.00E+00	-2.10E+00	-6.51E-04	-1.21E-04	-3.85E-03	0.00E+00	0.00E+00	-2.40E-09	-1.45E-07	-6.64E-03	-1.30E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-5.73E-01	0.00E+00	1.45E-09	-1.66E-08	-1.01E-03	0.00E+00	-2.19E-01	0.00E+00	-5.73E-01	-4.63E-05	-5.73E-01	-9.12E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
MCA204	-6.99E-03	1.87E-01	3.60E-03	1.83E-01	0.00E+00	0.00E+00	-3.67E-01	-7.56E-04	-1.36E-04	-2.12E-03	0.00E+00	0.00E+00	-9.45E-10	-8.56E-08	-1.28E-02	-1.59E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	1.02E+00	0.00E+00	1.32E-08	-9.67E-09	-7.06E-04	0.00E+00	-3.07E-01	0.00E+00	1.02E+00	-2.19E-05	1.02E+00	7.15E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
MCA206	-6.58E-04	-1.81E-01	-1.02E-04	-1.81E-01	0.00E+00	0.00E+00	-1.21E-01	-7.44E-05	2.19E-04	-1.80E-03	0.00E+00	0.00E+00	-1.49E-09	-3.37E-09	-2.10E-02	-1.17E+00	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-1.56E+00	0.00E+00	-4.17E-09	-1.46E-08	-8.23E-04	0.00E+00	-3.36E-01	0.00E+00	-1.56E+00	-3.60E-06	-1.56E+00	-1.90E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MCA210	8.12E-04	2.07E-01	5.69E-03	2.01E-01	0.00E+00	0.00E+00	1.37E+00	-2.81E-05	6.03E-04	1.67E-03	0.00E+00	0.00E+00	-1.87E-10	4.11E-09	-1.19E-02	-2.39E-01	0.00E+00	0.00E+00	3.39E-01	0.00E+00	1.33E+00	0.00E+00	1.50E-08	2.57E-09	3.49E-04	0.00E+00	-5.31E-02	0.00E+00	1.33E+00	-1.16E-06	1.33E+00	1.28E+00	-5.31E-02	0.00E+00	0.00E+00	0.00E+00	8.98E+00
MCA213	-6.27E-03	-1.98E-02	2.28E-04	-7.96E-03	0.00E+00	0.00E+00	-1.68E+00	-5.16E-04	-9.49E-05	-4.08E-03	0.00E+00	0.00E+00	-1.79E-09	-1.55E-07	-6.04E-03	-1.15E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-4.78E-01	0.00E+00	1.47E-09	-1.69E-08	-9.32E-04	0.00E+00	-2.08E-01	0.00E+00	-4.78E-01	-3.97E-05	-4.78E-01	-7.49E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.44E+01
MCA216	5.22E-05	1.06E-02	1.47E-03	9.15E-03	0.00E+00	0.00E+00	2.54E-02	-7.47E-05	5.50E-04	-2.85E-04	0.00E+00	0.00E+00	-1.59E-09	-9.01E-10	2.55E-03	-7.15E-01	0.00E+00	0.00E+00	-7.80E-01	0.00E+00	-7.88E-01	0.00E+00	1.20E-09	-1.05E-08	-4.59E-04	0.00E+00	-1.39E-01	0.00E+00	-7.88E-01	-3.83E-06	-7.88E-01	-9.27E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
MCA220	7.11E-04	-1.14E-01	2.20E-03	-1.16E-01	0.00E+00	0.00E+00	2.90E-01	-5.10E-05	9.63E-04	-1.10E-03	0.00E+00	0.00E+00	-1.47E-09	6.84E-09	2.37E-03	-4.63E-01	0.00E+00	0.00E+00	-5.25E-01	0.00E+00	-7.45E-01	0.00E+00	6.12E-11	-9.76E-09	-5.64E-04	0.00E+00	-8.34E-02	0.00E+00	-7.45E-01	-2.98E-06	-7.45E-01	-8.29E-01	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
MCA225	1.57E-03	1.14E-01	7.45E-03	1.06E-01	0.00E+00	0.00E+00	1.86E+00	-1.65E-05	1.14E-03	1.10E-03	0.00E+00	0.00E+00	1.36E-10	1.17E-08	-1.09E-02	-1.41E-01	0.00E+00	0.00E+00	8.49E-01	0.00E+00	1.78E+00	0.00E+00	1.62E-08	5.50E-09	3.63E-04	0.00E+00	7.96E-03	0.00E+00	1.78E+00	-6.00E-07	1.78E+00	1.79E+00	7.96E-03	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCA232	-2.16E-02	-7.30E-02	6.92E-05	-7.31E-02	0.00E+00	0.00E+00	-4.06E+00	-2.20E-03	-8.73E-04	-1.15E-02	0.00E+00	0.00E+00	-2.47E-09	-2.54E-07	3.39E-03	-2.47E+00	0.00E+00	0.00E+00	-3.23E+00	0.00E+00	-2.27E-01	0.00E+00	1.96E-09	-3.61E-08	-3.26E-03	0.00E+00	-3.92E-01	0.00E+00	-2.27E-01	-6.30E-05	-2.27E-01	-6.18E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MCA240	-3.09E-02	-4.26E-01	-8.64E-03	-4.18E-01	0.00E+00	0.00E+00	-7.82E+00	-3.03E-03	-1.47E-03	-1.88E-02	0.00E+00	0.00E+00	-5.27E-09	-3.53E-07	-2.94E-02	-3.77E+00	0.00E+00	0.00E+00	-7.29E+00	0.00E+00	-4.41E+00	0.00E+00	-2.03E-08	-7.14E-08	-5.65E-03	0.00E+00	-9.88E-01	0.00E+00	-4.41E+00	-8.89E-05	-4.41E+00	-5.39E+00	-9.88E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCA250	-3.23E-02	-4.08E-01	-8.17E-03	-4.00E-01	0.00E+00	0.00E+00	-8.12E+00	-3.18E-03	-1.53E-03	-1.94E-02	0.00E+00	0.00E+00	-5.24E-09	-3.71E-07	-2.92E-02	-4.13E+00	0.00E+00	0.00E+00	-7.23E+00	0.00E+00	-4.34E+00	0.00E+00	-1.98E-08	-7.31E-08	-5.82E-03	0.00E+00	-1.02E+00	0.00E+00	-4.34E+00	-9.31E-05	-4.34E+00	-5.35E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
MCA263	3.57E-03	3.49E-01	1.19E-02	3.37E-01	0.00E+00	0.00E+00	2.40E+00	4.36E-06	2.27E-03	3.19E-03	0.00E+00	0.00E+00	4.72E-10	2.49E-08	-7.19E-03	1.07E-01	0.00E+00	0.00E+00	1.72E+00	0.00E+00	2.78E+00	0.00E+00	2.48E-08	1.18E-08	9.33E-04	0.00E+00	1.32E-01	0.00E+00	2.78E+00	4.76E-07	2.78E+00	2.91E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
MCA300	-1.12E-02	-7.76E-02	-2.57E-03	-7.62E-02	0.00E+00	0.00E+00	-2.98E+00	-1.43E-03	-4.08E-04	-7.08E-03	0.00E+00	0.00E+00	-3.89E-09	-1.56E-07	-2.28E-02	-2.36E+00	0.00E+00	0.00E+00	-3.04E+00	0.00E+00	-1.40E+00	0.00E+00	-2.49E-09	-2.94E-08	-2.48E-03	0.00E+00	-5.00E-01	0.00E+00	-1.40E+00	-5.10E-05	-1.40E+00	-2.00E+00	-5.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
MCA301	-1.06E-02	-4.88E-02	-2.02E-03	-5.53E-02	0.00E+00	0.00E+00	-2.48E+00	-1.23E-03	-2.03E-04	-5.81E-03	0.00E+00	0.00E+00	-3.56E-09	-1.34E-07	-2.25E-02	-1.77E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-1.46E+00	0.00E+00	2.04E-09	-2.82E-08	-2.18E-03	0.00E+00	-4.10E-01	0.00E+00	-1.46E+00	-4.67E-05	-1.46E+00	-1.89E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MCA302	-1.21E-02	-7.24E-02	-2.34E-03	-8.88E-02	0.00E+00	0.00E+00	-3.16E+00	-1.36E-03	-3.75E-04	-7.52E-03	0.00E+00	0.00E+00	-3.75E-09	-1.53E-07	-2.27E-02	-1.78E+00	0.00E+00	0.00E+00	-3.53E+00	0.00E+00	-1.73E+00	0.00E+00	1.79E-09	-3.01E-08	-2.46E-03	0.00E+00	-4.51E-01	0.00E+00	-1.73E+00	-5.14E-05	-1.73E+00	-2.35E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
MCA303	-1.14E-02	-8.91E-02	-2.05E-03	-8.38E-02	0.00E+00	0.00E+00	-2.53E+00	-1.18E-03	-2.10E-04	-6.21E-03	0.00E+00	0.00E+00	-3.80E-09	-1.34E-07	-2.15E-02	-1.79E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-1.58E+00	0.00E+00	7.68E-10	-3.07E-08	-2.30E-03	0.00E+00	-4.64E-01	0.00E+00	-1.58E+00	-5.44E-05	-1.58E+00	-2.07E+00	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
MCA304	-1.22E-02	-7.38E-02	-2.11E-03	-8.35E-02	0.00E+00	0.00E+00	-3.34E+00	-1.44E-03	-3.26E-04	-7.63E-03	0.00E+00	0.00E+00	-3.90E-09	-1.42E-07	-2.30E-02	-1.79E+00	0.00E+00	0.00E+00	-3.65E+00	0.00E+00	-1.88E+00	0.00E+00	1.84E-09	-3.21E-08	-2.58E-03	0.00E+00	-4.51E-01	0.00E+00	-1.88E+00	-5.30E-05	-1.88E+00	-2.32E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MCA306	-8.69E-03	-7.83E-02	-2.01E-03	-6.83E-02	0.00E+00	0.00E+00	-2.06E+00	-7.87E-04	-1.31E-04	-4.94E-03	0.00E+00	0.00E+00	-3.13E-09	-1.31E-07	-2.20E-02	-1.75E+00	0.00E+00	0.00E+00	-2.49E+00	0.00E+00	-1.27E+00	0.00E+00	2.20E-09	-2.62E-08	-1.56E-03	0.00E+00	-3.73E-01	0.00E+00	-1.27E+00	-4.26E-05	-1.27E+00	-1.63E+00	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-9.89E+01
MCA310	-8.91E-03	-1.62E-01	2.24E-03	-1.41E-01	0.00E+00	0.00E+00	-9.70E-01	-8.72E-04	1.78E-04	-5.42E-03	0.00E+00	0.00E+00	-2.66E-09	-6.00E-08	-1.60E-02	-2.14E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-5.15E-01	0.00E+00	7.73E-09	-2.71E-08	-2.13E-03	0.00E+00	-5.02E-01	0.00E+00	-5.15E-01	-1.78E-05	-5.15E-01	-6.19E-01	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-8.95E+01
MCA313	-1.01E-02	-1.04E-01	-2.01E-03	-1.15E-01	0.00E+00	0.00E+00	-2.40E+00	-1.07E-03	-1.29E-04	-5.00E-03	0.00E+00	0.00E+00	-3.88E-09	-1.01E-07	-2.25E-02	-2.24E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-1.85E+00	0.00E+00	9.67E-10	-2.98E-08	-2.07E-03	0.00E+00	-5.05E-01	0.00E+00	-1.85E+00	-4.71E-05	-1.85E+00	-2.06E+00	-5.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MCA316	-1.26E-02	2.78E-01	5.49E-03	2.73E-01	0.00E+00	0.00E+00	-1.03E+00	-1.35E-03	-2.97E-04	-4.37E-03	0.00E+00	0.00E+00	-1.50E-09	-1.53E-07	-1.95E-02	-1.09E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	1.54E+00	0.00E+00	1.97E-08	-1.68E-08	-1.38E-03	0.00E+00	-2.61E-01	0.00E+00	1.54E+00	-3.86E-05	1.54E+00	1.27E+00	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-8.54E+01
MCA320	-8.81E-03	-1.56E-01	2.44E-03	-1.87E-01	0.00E+00	0.00E+00	-1.32E+00	-1.08E-03	6.90E-05	-7.05E-03	0.00E+00	0.00E+00	-3.11E-09	-8.60E-08	-1.84E-02	-2.20E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-8.18E-01	0.00E+00	7.90E-09	-3.06E-08	-2.63E-03	0.00E+00	-5.42E-01	0.00E+00	-8.18E-01	-2.98E-05	-8.18E-01	-1.05E+00	-5.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MCA325	-1.36E-02	-2.62E-02	2.25E-03	-1.13E-02	0.00E+00	0.00E+00	-8.51E-01	-1.30E-03	5.27E-05	-6.33E-03	0.00E+00	0.00E+00	-2.56E-09	-1.25E-07	-8.67E-03	-1.78E+00	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	6.17E-01	0.00E+00	8.96E-09	-2.90E-08	-2.70E-03	0.00E+00	-3.83E-01	0.00E+00	6.17E-01	-3.08E-05	6.17E-01	3.88E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-9.21E+01
MCA332	-1.27E-02	-1.96E-01	2.17E-03	-1.70E-01	0.00E+00	0.00E+00	-1.72E+00	-1.10E-03	2.43E-04	-7.25E-03	0.00E+00	0.00E+00	-3.34E-09	-1.61E-07	-1.52E-02	-2.99E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-1.25E+00	0.00E+00	8.41E-09	-3.59E-08	-3.17E-03	0.00E+00	-6.36E-01	0.00E+00	-1.25E+00	-4.69E-05	-1.25E+00	-1.21E+00	-6.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MCA340	-1.47E-02	-3.49E-02	2.10E-03	-4.15E-02	0.00E+00	0.00E+00	-1.43E+00	-1.26E-03	-5.58E-04	-7.28E-03	0.00E+00	0.00E+00	-2.90E-09	-1.84E-07	-8.05E-03	-2.12E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-2.42E-01	0.00E+00	8.40E-09	-3.86E-08	-2.92E-03	0.00E+00	-4.82E-01	0.00E+00	-2.42E-01	-3.73E-05	-2.42E-01	-2.51E-02	-4.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MCA350	-2.35E-02	4.00E-03	-5.51E-03	-5.87E-02	0.00E+00	0.00E+00	-6.74E+00	-3.57E-03	-1.38E-03	-1.76E-02	0.00E+00	0.00E+00	-5.80E-09	-4.10E-07	1.07E-03	-2.25E+00	0.00E+00	0.00E+00	-5.21E+00	0.00E+00	-1.33E+00	0.00E+00	3.87E-09	-3.34E-08	-4.58E-03	0.00E+00	-6.26E-01	0.00E+00	-1.33E+00	-1.07E-04	-1.33E+00	-1.96E+00	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
MCA363	-2.21E-02	-3.80E-03	-4.97E-03	-9.26E-02	0.00E+00	0.00E+00	-6.58E+00	-2.98E-03	-1.43E-03	-1.89E-02	0.00E+00	0.00E+00	-5.99E-09	-4.26E-07	3.52E-04	-2.26E+00	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-1.30E+00	0.00E+00	3.80E-09	-4.23E-08	-4.70E-03	0.00E+00	-6.31E-01	0.00E+00	-1.30E+00	-1.07E-04	-1.30E+00	-2.28E+00	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
MCA400	-1.95E-02	-1.39E-01	-5.40E-03	-5.05E-02	0.00E+00	0.00E+00	-4.60E+00	-1.87E-03	8.03E-05	-8.98E-03	0.00E+00	0.00E+00	-4.19E-09	-1.66E-07	-6.37E-03	-2.72E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-2.45E+00	0.00E+00	-8.53E-09	-5.24E-08	-3.36E-03	0.00E+00	-8.75E-01	0.00E+00	-2.45E+00	-5.15E-05	-2.45E+00	-3.14E+00	-8.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
MCA401	-1.74E-02	-1.62E-01	-5.40E-03	-3.26E-02	0.00E+00	0.00E+00	-4.72E+00	-1.80E-03	-2.05E-04	-9.14E-03	0.00E+00	0.00E+00	-3.85E-09	-1.79E-07	-7.34E-03	-2.38E+00	0.00E+00	0.00E+00	-4.74E+00	0.00E+00	-2.58E+00	0.00E+00	-7.67E-09	-4.90E-08	-3.30E-03	0.00E+00	-6.62E-01	0.00E+00	-2.58E+00	-5.21E-05	-2.58E+00	-3.25E+00	-6.62E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
MCA402	-1.95E-02	-1.85E-01	-5.02E-03	-6.27E-02	0.00E+00	0.00E+00	-5.07E+00	-1.79E-03	-4.29E-04	-9.78E-03	0.00E+00	0.00E+00	-4.18E-09	-2.30E-07	-6.55E-03	-2.39E+00	0.00E+00	0.00E+00	-5.08E+00	0.00E+00	-2.67E+00	0.00E+00	-6.76E-09	-5.64E-08	-3.70E-03	0.00E+00	-6.81E-01	0.00E+00	-2.67E+00	-6.19E-05	-2.67E+00	-3.34E+00	-6.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MCA403	-2.00E-02	-1.57E-01	-5.01E-03	-6.24E-02	0.00E+00	0.00E+00	-4.77E+00	-1.83E-03	-4.09E-04	-9.41E-03	0.00E+00	0.00E+00	-4.21E-09	-2.14E-07	-5.21E-03	-2.19E+00	0.00E+00	0.00E+00	-4.37E+00	0.00E+00	-2.43E+00	0.00E+00	-6.87E-09	-5.92E-08	-3.91E-03	0.00E+00	-6.80E-01	0.00E+00	-2.43E+00	-6.07E-05	-2.43E+00	-2.98E+00	-6.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
MCA404	-2.42E-02	-1.88E-01	-6.66E-03	-5.39E-02	0.00E+00	0.00E+00	-5.45E+00	-2.19E-03	-4.55E-04	-1.28E-02	0.00E+00	0.00E+00	-4.56E-09	-2.66E-07	-7.00E-03	-3.22E+00	0.00E+00	0.00E+00	-5.59E+00	0.00E+00	-2.93E+00	0.00E+00	-8.90E-09	-6.99E-08	-5.12E-03	0.00E+00	-8.67E-01	0.00E+00	-2.93E+00	-7.05E-05	-2.93E+00	-3.67E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
MCA406	-1.04E-02	4.21E-01	8.62E-03	4.13E-01	0.00E+00	0.00E+00	1.72E-01	-1.16E-03	-1.06E-04	-2.13E-03	0.00E+00	0.00E+00	-1.15E-09	-1.30E-07	-2.45E-02	-2.07E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	2.44E+00	0.00E+00	2.79E-08	-1.13E-08	-8.02E-04	0.00E+00	-3.85E-01	0.00E+00	2.44E+00	-3.31E-05	2.44E+00	2.05E+00	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-5.87E+01
MCA410	1.81E-03	4.49E-01	1.27E-02	4.36E-01	0.00E+00	0.00E+00	2.90E+00	-5.53E-05	1.23E-03	3.66E-03	0.00E+00	0.00E+00	-2.87E-11	8.92E-09	-2.25E-02	-3.03E-01	0.00E+00	0.00E+00	1.30E+00	0.00E+00	3.01E+00	0.00E+00	3.17E-08	7.33E-09	7.98E-04	0.00E+00	-2.08E-02	0.00E+00	3.01E+00	-1.71E-06	3.01E+00	2.99E+00	-2.08E-02	0.00E+00	0.00E+00	0.00E+00	4.41E+01
MCA413	-2.04E-02	-1.93E-01	-4.14E-03	-8.14E-02	0.00E+00	0.00E+00	-3.14E+00	-1.93E-03	-5.10E-04	-9.23E-03	0.00E+00	0.00E+00	-3.96E-09	-2.12E-07	-4.03E-03	-2.34E+00	0.00E+00	0.00E+00	-3.38E+00	0.00E+00	-2.28E+00	0.00E+00	-6.09E-10	-4.93E-08	-3.68E-03	0.00E+00	-5.88E-01	0.00E+00	-2.28E+00	-6.36E-05	-2.28E+00	-2.64E+00	-5.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MCA416	-2.03E-02	-4.89E-01	-6.71E-03	-4.82E-01	0.00E+00	0.00E+00	-5.17E+00	-1.95E-03	-1.10E-03	-1.38E-02	0.00E+00	0.00E+00	-5.57E-09	-2.25E-07	-5.00E-03	-3.88E+00	0.00E+00	0.00E+00	-5.78E+00	0.00E+00	-4.56E+00	0.00E+00	-1.95E-08	-6.29E-08	-4.61E-03	0.00E+00	-8.55E-01	0.00E+00	-4.56E+00	-5.97E-05	-4.56E+00	-5.41E+00	-8.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+02
MCA420	3.07E-03	1.64E-01	1.43E-02	1.50E-01	0.00E+00	0.00E+00	3.22E+00	-5.44E-05	2.23E-03	1.61E-03	0.00E+00	0.00E+00	4.18E-11	2.14E-08	1.83E-02	-7.73E-01	0.00E+00	0.00E+00	2.34E+00	0.00E+00	3.25E+00	0.00E+00	2.65E-08	8.76E-09	4.59E-04	0.00E+00	1.91E-01	0.00E+00	3.25E+00	-1.83E-06	3.25E+00	3.44E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
MCA425	-3.21E-02	1.90E-01	2.91E-03	1.87E-01	0.00E+00	0.00E+00	-5.76E+00	-3.33E-03	-1.15E-03	-1.51E-02	0.00E+00	0.00E+00	-4.16E-09	-3.84E-07	1.04E-02	-3.10E+00	0.00E+00	0.00E+00	-4.80E+00	0.00E+00	3.54E-01	0.00E+00	1.28E-08	-5.35E-08	-4.57E-03	0.00E+00	-4.65E-01	0.00E+00	3.54E-01	-9.63E-05	3.54E-01	-1.11E-01	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02

MCA432	-4.56E-02	-2.53E-01	-1.07E-02	-2.42E-01	0.00E+00	0.00E+00	-1.18E+01	-4.56E-03	-1.98E-03	-2.53E-02	0.00E+00	0.00E+00	-8.94E-09	-5.30E-07	-7.55E-03	-4.59E+00	0.00E+00	0.00E+00	-1.09E+01	0.00E+00	-5.96E+00	0.00E+00	-2.11E-08	-1.07E-07	-8.11E-03	0.00E+00	-1.15E+00	0.00E+00	-5.96E+00	-1.35E-04	-5.96E+00	-7.11E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-4.69E+02
MCA440	4.41E-03	-7.99E-02	1.20E-02	-9.19E-02	0.00E+00	0.00E+00	1.89E+00	-7.60E-05	3.76E-03	-5.31E-04	0.00E+00	0.00E+00	-1.70E-09	3.55E-08	1.04E-02	-1.33E+00	0.00E+00	0.00E+00	9.62E-01	0.00E+00	4.63E-01	0.00E+00	1.17E-08	-6.90E-09	-3.94E-04	0.00E+00	-3.32E-02	0.00E+00	4.63E-01	-4.04E-06	4.63E-01	4.30E-01	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	3.06E+01
MCA450	5.28E-03	3.17E-01	1.39E-02	3.03E-01	0.00E+00	0.00E+00	2.03E+00	-7.68E-05	4.19E-03	2.52E-03	0.00E+00	0.00E+00	-2.02E-09	3.73E-08	1.45E-02	-9.74E-02	0.00E+00	0.00E+00	5.83E-01	0.00E+00	1.35E+00	0.00E+00	2.25E-08	-2.29E-09	2.89E-04	0.00E+00	1.28E-01	0.00E+00	1.35E+00	-4.55E-06	1.35E+00	1.48E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+01
MCA463	-6.43E-02	-7.71E-01	-1.58E-02	-7.55E-01	0.00E+00	0.00E+00	-1.57E+01	-6.34E-03	-2.99E-03	-3.82E-02	0.00E+00	0.00E+00	-1.04E-08	-7.38E-07	-5.56E-02	-7.28E+00	0.00E+00	0.00E+00	-1.46E+01	0.00E+00	-7.87E+00	0.00E+00	-3.48E-08	-1.41E-07	-1.14E-02	0.00E+00	-1.90E+00	0.00E+00	-7.87E+00	-1.85E-04	-7.87E+00	-9.77E+00	-1.90E+00	0.00E+00	0.00E+00	0.00E+00	-6.20E+02
MCA506	1.27E-03	3.02E-01	6.78E-03	2.95E-01	0.00E+00	0.00E+00	1.50E+00	-7.79E-06	6.02E-04	2.53E-03	0.00E+00	0.00E+00	1.21E-11	6.33E-09	1.08E-02	3.99E-01	0.00E+00	0.00E+00	1.03E+00	0.00E+00	2.02E+00	0.00E+00	1.79E-08	6.73E-09	5.77E-04	0.00E+00	2.00E-01	0.00E+00	2.02E+00	-9.18E-08	2.02E+00	2.22E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MCA510	-1.34E-02	-3.14E-01	-4.49E-03	-3.09E-01	0.00E+00	0.00E+00	-2.50E+00	-8.08E-04	-5.40E-04	-6.69E-03	0.00E+00	0.00E+00	-2.87E-09	-9.36E-08	-2.56E-02	-1.94E+00	0.00E+00	0.00E+00	-3.25E+00	0.00E+00	-3.14E+00	0.00E+00	-1.34E-08	-3.38E-08	-2.31E-03	0.00E+00	-5.80E-01	0.00E+00	-3.14E+00	-2.53E-05	-3.14E+00	-3.72E+00	-5.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MCA513	-5.96E-03	-1.00E-02	6.53E-04	8.67E-03	0.00E+00	0.00E+00	-1.78E+00	-5.40E-04	-1.98E-04	-3.79E-03	0.00E+00	0.00E+00	-1.74E-09	-1.37E-07	-5.46E-03	-1.06E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-2.77E-01	0.00E+00	3.54E-09	-1.50E-08	-8.38E-04	0.00E+00	-1.88E-01	0.00E+00	-2.77E-01	-3.80E-05	-2.77E-01	-6.38E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-7.64E+01
MCA516	-8.85E-03	-3.38E-02	1.52E-03	-3.53E-02	0.00E+00	0.00E+00	-1.13E+00	-9.10E-04	-3.47E-04	-4.70E-03	0.00E+00	0.00E+00	-1.34E-09	-1.04E-07	4.74E-03	-1.49E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	2.17E-01	0.00E+00	4.47E-09	-1.61E-08	-1.41E-03	0.00E+00	-2.09E-01	0.00E+00	2.17E-01	-2.65E-05	2.17E-01	7.95E-03	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MCA520	-6.14E-03	-1.50E-02	9.91E-04	-1.57E-02	0.00E+00	0.00E+00	-2.10E+00	-6.02E-04	-3.35E-04	-3.74E-03	0.00E+00	0.00E+00	-2.45E-09	-1.51E-07	-4.44E-03	-1.85E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-4.29E-01	0.00E+00	3.87E-09	-1.69E-08	-9.18E-04	0.00E+00	-3.05E-01	0.00E+00	-4.29E-01	-4.46E-05	-4.29E-01	-9.87E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.50E+01
MCA525	-1.61E-02	-6.03E-02	1.15E-03	-6.15E-02	0.00E+00	0.00E+00	-2.61E+00	-1.64E-03	-6.46E-04	-8.54E-03	0.00E+00	0.00E+00	-1.78E-09	-1.88E-07	-1.67E-02	-2.18E+00	0.00E+00	0.00E+00	-2.46E+00	0.00E+00	-8.11E-02	0.00E+00	4.17E-09	-2.75E-08	-2.43E-03	0.00E+00	-4.33E-01	0.00E+00	-8.11E-02	-4.69E-05	-8.11E-02	-5.14E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MCA532	1.58E-03	1.03E-01	4.54E-03	9.86E-02	0.00E+00	0.00E+00	4.06E-01	-5.68E-05	1.46E-03	6.09E-04	0.00E+00	0.00E+00	-1.39E-09	1.04E-08	4.66E-03	-1.45E-01	0.00E+00	0.00E+00	-1.49E-01	0.00E+00	-2.16E-01	0.00E+00	6.02E-09	-6.79E-09	-1.88E-04	0.00E+00	5.82E-03	0.00E+00	-2.16E-01	-2.96E-06	-2.16E-01	-2.11E-01	5.82E-03	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
MCA540	-5.58E-03	2.64E-02	2.87E-03	2.51E-02	0.00E+00	0.00E+00	-1.87E-01	-6.83E-04	2.75E-05	-2.06E-03	0.00E+00	0.00E+00	-1.79E-09	-4.74E-08	-2.92E-04	-1.58E+00	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	5.81E-01	0.00E+00	8.05E-09	-1.44E-08	-1.03E-03	0.00E+00	-2.96E-01	0.00E+00	5.81E-01	-1.75E-05	5.81E-01	3.39E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
MCA550	-1.09E-02	3.38E-02	-8.36E-04	3.78E-02	0.00E+00	0.00E+00	-3.09E+00	-1.02E-03	-2.81E-04	-5.89E-03	0.00E+00	0.00E+00	-2.63E-09	-2.14E-07	-3.28E-03	-1.47E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-3.10E-01	0.00E+00	4.41E-09	-2.30E-08	-1.81E-03	0.00E+00	-2.69E-01	0.00E+00	-3.10E-01	-5.70E-05	-3.10E-01	-7.65E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MCA563	-1.68E-02	3.46E-02	-1.41E-03	8.13E-04	0.00E+00	0.00E+00	-4.34E+00	-1.90E-03	-1.86E-04	-8.57E-03	0.00E+00	0.00E+00	-3.91E-09	-3.02E-07	-2.63E-03	-1.40E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-4.36E-01	0.00E+00	4.43E-09	-2.81E-08	-3.01E-03	0.00E+00	-4.01E-01	0.00E+00	-4.36E-01	-8.50E-05	-4.36E-01	-7.29E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MCA610	-1.71E-02	-1.74E-01	-4.61E-03	-5.73E-02	0.00E+00	0.00E+00	-2.90E+00	-1.55E-03	-5.71E-04	-9.16E-03	0.00E+00	0.00E+00	-4.24E-09	-2.16E-07	-2.73E-03	-3.29E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-2.34E+00	0.00E+00	-1.09E-09	-4.26E-08	-3.41E-03	0.00E+00	-6.38E-01	0.00E+00	-2.34E+00	-5.93E-05	-2.34E+00	-2.54E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MCA613	-1.81E-02	-1.69E-01	-4.25E-03	-4.72E-02	0.00E+00	0.00E+00	-2.83E+00	-1.68E-03	-6.99E-04	-9.75E-03	0.00E+00	0.00E+00	-3.88E-09	-2.36E-07	-2.13E-03	-2.50E+00	0.00E+00	0.00E+00	-3.40E+00	0.00E+00	-2.19E+00	0.00E+00	-3.66E-10	-4.29E-08	-3.65E-03	0.00E+00	-5.23E-01	0.00E+00	-2.19E+00	-6.10E-05	-2.19E+00	-2.37E+00	-5.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MCA616	-1.95E-02	-1.43E-01	-6.40E-03	-5.13E-02	0.00E+00	0.00E+00	-2.98E+00	-1.46E-03	-6.41E-04	-1.01E-02	0.00E+00	0.00E+00	-4.26E-09	-2.51E-07	-3.05E-03	-3.05E+00	0.00E+00	0.00E+00	-3.57E+00	0.00E+00	-2.18E+00	0.00E+00	-1.55E-09	-4.89E-08	-4.68E-03	0.00E+00	-5.85E-01	0.00E+00	-2.18E+00	-6.85E-05	-2.18E+00	-2.09E+00	-5.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
MCA620	-1.99E-02	-1.58E-01	-6.43E-03	-5.26E-02	0.00E+00	0.00E+00	-4.86E+00	-1.53E-03	-7.68E-04	-1.06E-02	0.00E+00	0.00E+00	-4.52E-09	-2.58E-07	-2.73E-03	-3.27E+00	0.00E+00	0.00E+00	-4.84E+00	0.00E+00	-2.37E+00	0.00E+00	-7.29E-09	-5.96E-08	-4.82E-03	0.00E+00	-7.16E-01	0.00E+00	-2.37E+00	-6.94E-05	-2.37E+00	-2.71E+00	-7.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MCA625	-2.96E-02	-1.26E-01	-6.78E-03	-7.47E-02	0.00E+00	0.00E+00	-4.29E+00	-2.46E-03	-3.22E-04	-1.26E-02	0.00E+00	0.00E+00	-5.37E-09	-2.68E-07	-1.12E-04	-3.03E+00	0.00E+00	0.00E+00	-4.68E+00	0.00E+00	-1.99E+00	0.00E+00	-7.12E-09	-6.29E-08	-5.16E-03	0.00E+00	-8.91E-01	0.00E+00	-1.99E+00	-8.12E-05	-1.99E+00	-2.36E+00	-8.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MCA632	-3.41E-02	-9.46E-02	-6.15E-03	-8.94E-02	0.00E+00	0.00E+00	-6.82E+00	-3.25E-03	1.11E-03	-1.82E-02	0.00E+00	0.00E+00	-6.20E-09	-2.91E-07	-1.74E-03	-3.49E+00	0.00E+00	0.00E+00	-6.44E+00	0.00E+00	-2.28E+00	0.00E+00	-9.70E-09	-6.50E-08	-4.58E-03	0.00E+00	-9.89E-01	0.00E+00	-2.28E+00	-7.61E-05	-2.28E+00	-3.13E+00	-9.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
MCA650	-3.48E-02	-1.06E-01	-6.13E-03	-1.26E-01	0.00E+00	0.00E+00	-7.75E+00	-3.58E-03	7.18E-04	-2.20E-02	0.00E+00	0.00E+00	-6.35E-09	-3.99E-07	-3.37E-03	-3.36E+00	0.00E+00	0.00E+00	-7.03E+00	0.00E+00	-2.76E+00	0.00E+00	-9.04E-09	-7.08E-08	-4.91E-03	0.00E+00	-9.73E-01	0.00E+00	-2.76E+00	-8.23E-05	-2.76E+00	-3.43E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+02
MCA663	-3.27E-02	-1.22E-01	-6.41E-03	-1.22E-01	0.00E+00	0.00E+00	-7.74E+00	-3.58E-03	-6.17E-04	-2.26E-02	0.00E+00	0.00E+00	-6.54E-09	-4.25E-07	-1.60E-03	-2.75E+00	0.00E+00	0.00E+00	-7.07E+00	0.00E+00	-2.26E+00	0.00E+00	-9.11E-09	-7.19E-08	-5.14E-03	0.00E+00	-9.82E-01	0.00E+00	-2.26E+00	-7.46E-05	-2.26E+00	-3.25E+00	-9.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+02
MCB313	-1.67E-02	-6.61E-02	-1.68E-03	-6.90E-02	0.00E+00	0.00E+00	-3.01E+00	-1.75E-03	-4.50E-04	-1.09E-02	0.00E+00	0.00E+00	-3.50E-09	-2.39E-07	-8.57E-03	-2.63E+00	0.00E+00	0.00E+00	-2.71E+00	0.00E+00	-1.90E+00	0.00E+00	1.01E-09	-3.65E-08	-3.25E-03	0.00E+00	-5.01E-01	0.00E+00	-1.90E+00	-5.29E-05	-1.90E+00	-1.80E+00	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MCB316	-1.67E-02	-6.70E-02	-1.76E-03	-6.83E-02	0.00E+00	0.00E+00	-3.05E+00	-1.75E-03	-4.58E-04	-1.11E-02	0.00E+00	0.00E+00	-3.51E-09	-2.37E-07	-8.41E-03	-2.64E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	-1.90E+00	0.00E+00	1.07E-09	-3.66E-08	-3.26E-03	0.00E+00	-5.02E-01	0.00E+00	-1.90E+00	-5.28E-05	-1.90E+00	-1.80E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MCC313	-1.59E-02	-5.89E-02	-9.63E-04	-5.71E-02	0.00E+00	0.00E+00	-2.76E+00	-1.76E-03	-3.76E-04	-1.03E-02	0.00E+00	0.00E+00	-3.21E-09	-2.34E-07	-6.89E-03	-2.27E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-5.85E-01	0.00E+00	8.64E-10	-3.44E-08	-3.04E-03	0.00E+00	-4.14E-01	0.00E+00	-5.85E-01	-5.35E-05	-5.85E-01	-5.51E-01	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MCC316	-1.65E-02	-6.31E-02	-2.04E-03	-6.33E-02	0.00E+00	0.00E+00	-3.03E+00	-1.74E-03	-4.46E-04	-1.19E-02	0.00E+00	0.00E+00	-3.46E-09	-2.43E-07	-8.29E-03	-2.61E+00	0.00E+00	0.00E+00	-2.51E+00	0.00E+00	-1.86E+00	0.00E+00	1.45E-09	-3.47E-08	-3.33E-03	0.00E+00	-5.30E-01	0.00E+00	-1.86E+00	-5.48E-05	-1.86E+00	-1.77E+00	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MCN001	-3.26E-03	-2.04E-02	1.54E-03	1.50E-02	0.00E+00	0.00E+00	-5.16E-01	-4.32E-04	1.12E-04	-1.37E-03	0.00E+00	0.00E+00	-8.41E-10	-4.40E-08	-6.24E-04	-8.30E-01	0.00E+00	0.00E+00	-6.30E-01	0.00E+00	2.04E-01	0.00E+00	7.01E-09	-8.24E-09	-7.29E-04	0.00E+00	-1.22E-01	0.00E+00	2.04E-01	-1.47E-05	2.04E-01	-2.67E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
MCN002	8.07E-04	1.49E-01	3.77E-03	1.45E-01	0.00E+00	0.00E+00	8.11E-01	-5.16E-06	4.59E-04	1.25E-03	0.00E+00	0.00E+00	-5.27E-12	4.71E-09	-1.30E-05	1.94E-01	0.00E+00	0.00E+00	5.02E-01	0.00E+00	9.54E-01	0.00E+00	9.23E-09	3.04E-09	2.84E-04	0.00E+00	7.56E-02	0.00E+00	9.54E-01	-1.11E-07	9.54E-01	1.03E+00	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
MCN003	-2.76E-03	-9.54E-03	2.97E-04	4.16E-03	0.00E+00	0.00E+00	-2.46E-01	-2.86E-04	1.14E-04	-1.22E-03	0.00E+00	0.00E+00	-8.02E-10	-3.72E-08	-2.26E-03	-6.79E-01	0.00E+00	0.00E+00	-4.69E-01	0.00E+00	-9.19E-02	0.00E+00	1.20E-09	-6.94E-09	-3.93E-04	0.00E+00	-1.43E-01	0.00E+00	-9.19E-02	-1.18E-05	-9.19E-02	-3.03E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
MCN004	-5.17E-03	-1.14E-01	-1.24E-03	-1.13E-01	0.00E+00	0.00E+00	-1.25E+00	-5.04E-04	-2.73E-04	-3.44E-03	0.00E+00	0.00E+00	-1.28E-09	-5.80E-08	-1.09E-03	-1.17E+00	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-1.02E+00	0.00E+00	-4.32E-09	-1.52E-08	-1.14E-03	0.00E+00	-2.23E-01	0.00E+00	-1.02E+00	-1.51E-05	-1.02E+00	-1.24E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-5.39E+01
MCN006	-1.34E-04	-6.96E-03	5.97E-05	-7.02E-03	0.00E+00	0.00E+00	-1.51E-01	-3.16E-05	1.45E-04	-2.59E-04	0.00E+00	0.00E+00	-8.44E-10	-1.15E-09	-5.11E-03	-1.43E-01	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-7.02E-01	0.00E+00	-8.78E-10	-6.67E-09	-2.97E-04	0.00E+00	-7.98E-02	0.00E+00	-7.02E-01	-1.66E-06	-7.02E-01	-7.82E-01	-7.98E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MCN008	-3.25E-03	-1.33E-01	-1.86E-03	-1.31E-01	0.00E+00	0.00E+00	-9.69E-01	-2.98E-04	-2.11E-04	-2.61E-03	0.00E+00	0.00E+00	-1.27E-09	-3.44E-08	-7.19E-03	-8.20E-01	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.30E+00	0.00E+00	-5.46E-09	-1.39E-08	-9.34E-04	0.00E+00	-2.26E-01	0.00E+00	-1.30E+00	-9.50E-06	-1.30E+00	-1.53E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
MCN010	-2.43E-03	2.79E-02	1.90E-03	2.60E-02	0.00E+00	0.00E+00	6.11E-02	-2.65E-04	-7.22E-05	-1.00E-03	0.00E+00	0.00E+00	-2.05E-10	-2.96E-08	3.51E-03	-5.16E-01	0.00E+00	0.00E+00	7.78E-03	0.00E+00	6.10E-01	0.00E+00	4.97E-09	-2.38E-09	-2.86E-04	0.00E+00	-2.81E-02	0.00E+00	6.10E-01	-7.47E-06	6.10E-01	5.82E-01	-2.81E-02	0.00E+00	0.00E+00	0.00E+00	-3.19E+00
MCN013	6.65E-04	1.30E-01	3.35E-03	1.27E-01	0.00E+00	0.00E+00	8.32E-01	1.38E-06	3.16E-04	1.17E-03	0.00E+00	0.00E+00	6.18E-11	3.87E-09	5.18E-03	-2.77E-01	0.00E+00	0.00E+00	5.00E-01	0.00E+00	1.06E+00	0.00E+00	8.75E-09	3.73E-09	3.03E-04	0.00E+00	2.87E-02	0.00E+00	1.06E+00	6.69E-08	1.06E+00	1.08E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
MCN016	4.48E-04	3.28E-02	2.70E-03	3.01E-02	0.00E+00	0.00E+00	7.78E-01	1.38E-06	2.52E-04	4.10E-04	0.00E+00	0.00E+00	5.60E-11	3.66E-09	-1.28E-03	-6.17E-01	0.00E+00	0.00E+00	3.71E-01	0.00E+00	7.16E-01	0.00E+00	6.04E-09	1.89E-09	1.26E-04	0.00E+00	-6.06E-02	0.00E+00	7.16E-01	4.78E-08	7.16E-01	6.56E-01	-6.06E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
MCN020	-4.38E-03	-9.24E-02	-9.69E-04	-9.15E-02	0.00E+00	0.00E+00	-1.05E+00	-4.29E-04	-2.30E-04	-2.91E-03	0.00E+00	0.00E+00	-1.15E-09	-4.93E-08	-6.00E-04	-6.55E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-8.28E-01	0.00E+00	-3.10E-09	-1.30E-08	-9.77E-04	0.00E+00	-1.40E-01	0.00E+00	-8.28E-01	-1.29E-05	-8.28E-01	-9.68E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.68E+01
MCN025	-5.51E-03	6.04E-03	1.29E-03	4.75E-03	0.00E+00	0.00E+00	-6.89E-01	-5.73E-04	-2.08E-04	-2.74E-03	0.00E+00	0.00E+00	-5.80E-10	-6.56E-08	2.91E-03	-7.28E-01	0.00E+00	0.00E+00	-5.68E-01	0.00E+00	3.76E-01	0.00E+00	3.73E-09	-8.03E-09	-7.79E-04	0.00E+00	-7.94E-02	0.00E+00	3.76E-01	-1.63E-05	3.76E-01	2.97E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
MCN032	-1.09E-02	-5.72E-02	-5.07E-04	-5.67E-02	0.00E+00	0.00E+00	-2.17E+00	-1.12E-03	-3.71E-04	-5.99E-03	0.00E+00	0.00E+00	-1.38E-09	-1.28E-07	-4.47E-03	-1.31E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-3.54E-01	0.00E+00	1.45E-10	-1.95E-08	-1.70E-03	0.00E+00	-2.62E-01	0.00E+00	-3.54E-01	-3.22E-05	-3.54E-01	-6.16E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-8.58E+01
MCN040	-1.30E-02	-1.56E-01	-3.07E-03	-1.52E-01	0.00E+00	0.00E+00	-3.13E+00	-1.28E-03	-6.06E-04	-7.70E-03	0.00E+00	0.00E+00	-2.13E-09	-1.49E-07	-7.94E-03	-1.62E+00	0.00E+00	0.00E+00	-2.88E+00	0.00E+00	-1.53E+00	0.00E+00	-6.71E-09	-2.85E-08	-2.30E-03	0.00E+00	-3.82E-01	0.00E+00	-1.53E+00	-3.84E-05	-1.53E+00	-1.91E+00	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MCN099	-3.07E-03	-2.50E-02	1.70E-03	1.99E-02	0.00E+00	0.00E+00	-3.97E-01	-3.64E-04	1.60E-04	-1.33E-03	0.00E+00	0.00E+00	-8.09E-10	-3.72E-08	-7.40E-04	-7.71E-01	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	2.42E-01	0.00E+00	7.06E-09	-7.88E-09	-6.15E-04	0.00E+00	-1.17E-01	0.00E+00	2.42E-01	-1.35E-05	2.42E-01	-2.48E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
MCN100	-5.59E-03	-1.67E-01	-2.57E-03	-1.64E-01	0.00E+00	0.00E+00	-1.56E+00	-5.27E-04	-3.21E-04	-4.00E-03	0.00E+00	0.00E+00	-1.61E-09	-6.12E-08	-7.99E-03	-1.62E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-1.60E+00	0.00E+00	-7.20E-09	-1.90E-08	-1.33E-03	0.00E+00	-3.67E-01	0.00E+00	-1.60E+00	-1.62E-05	-1.60E+00	-1.97E+00	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
MCN100E	-3.85E-03	-2.02E-02	-8.82E-05	-4.46E-02	0.00E+00	0.00E+00	-5.77E-01	-3.68E-04	5.95E-05	-2.36E-03	0.00E+00	0.00E+00	-1.24E-09	-5.37E-08	-4.63E-03	-8.70E-01	0.00E+00	0.00E+00	-9.44E-01	0.00E+00	-2.66E-01	0.00E+00	-1.39E-09	-1.35E-08	-6.41E-04	0.00E+00	-1.85E-01	0.00E+00	-2.66E-01	-1.18E-05	-2.66E-01	-4.18E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.03E+01
MCN101	-6.22E-03	-1.71E-01	-2.69E-03	-1.68E-01	0.00E+00	0.00E+00	-1.71E+00	-5.89E-04	-3.48E-04	-4.35E-03	0.00E+00	0.00E+00	-1.68E-09	-6.85E-08	-8.12E-03	-1.67E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-1.65E+00	0.00E+00	-7.46E-09	-2.01E-08	-1.43E-03	0.00E+00	-3.79E-01	0.00E+00	-1.65E+00	-1.80E-05	-1.65E+00	-2.03E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-8.23E+01
MCN101E	-6.22E-03	-1.71E-01	-2.69E-03	-1.68E-01	0.00E+00	0.00E+00	-1.71E+00	-5.89E-04	-3.48E-04	-4.35E-03	0.00E+00	0.00E+00	-1.68E-09	-6.85E-08	-8.12E-03	-1.67E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-1.65E+00	0.00E+00	-7.46E-09	-2.01E-08	-1.43E-03	0.00E+00	-3.79E-01	0.00E+00	-1.65E+00	-1.80E-05	-1.65E+00	-2.03E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-8.23E+01
MCN101P	-6.38E-03	-1.81E-01	-1.32E-03	-1.57E-01	0.00E+00	0.00E+00	-1.89E+00	-5.34E-04	-2.00E-04	-4.91E-03	0.00E+00	0.00E+00	-1.28E-09	-6.83E-08	-3.99E-03	-4.18E+00	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-1.18E+00	0.00E+00	-5.73E-09	-2.01E-08	-1.33E-03	0.00E+00	-6.95E-01	0.00E+00	-1.18E+00	-1.68E-05	-1.18E+00	-1.84E+00	-6.95E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
MCN102	-5.29E-03	6.16E-03	1.37E-03	4.79E-03	0.00E+00	0.00E+00	-6.23E-01	-5.51E-04	-1.99E-04	-2.62E-03	0.00E+00	0.00E+00	-5.43E-10	-6.30E-08	2.93E-03	-8.34E-01	0.00E+00	0.00E+00	-5.09E-01	0.00E+00	3.81E-01	0.00E+00	3.71E-09	-7.71E-09	-7.46E-04	0.00E+00	-9.19E-02	0.00E+00	3.81E-01	-1.57E-05	3.81E-01	2.89E-01	-9.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
MCN102E	-5.68E-05	-9.64E-02	-2.08E-04	-9.62E-02	0.00E+00	0.00E+00	-1.35E-01	-3.19E-05	2.72E-04	-9.34E-04	0.00E+00	0.00E+00	-9.58E-10	5.70E-10	-4.53E-04	-4.68E-01	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	-8.38E-01	0.00E+00	-2.81E-09	-7.67E-09	-4.40E-04	0.00E+00	-1.10E-01	0.00E+00	-8.38E-01	-1.91E-06	-8.38E-01	-9.48E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
MCN102P	-6.32E-03	-1.81E-01	-1.30E-03	-1.56E-01	0.00E+00	0.00E+00	-1.87E+00	-5.20E-04	-2.03E-04	-4.84E-03	0.00E+00	0.00E+00	-1.22E-09	-6.67E-08	-3.91E-03	-4.19E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.18E+00	0.00E+00	-5.69E-09	-2.01E-08	-1.31E-03	0.00E+00	-7.05E-01	0.00E+00	-1.18E+00	-1.67E-05	-1.18E+00	-1.85E+00	-7.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.29E+01
MCN103	-4.94E-03	1.43E-02	-4.62E-04	1.48E-02	0.00E+00	0.00E+00	-1.17E+00	-5.03E-04	-1.90E-04	-2.45E-03	0.00E+00	0.00E+00	-1.24E-09	-5.78E-08	-5.01E-03	-6.05E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-7.09E-01	0.00E+00	-5.34E-10	-1.34E-08	-9.08E-04	0.00E+00	-1.60E-01	0.00E+00	-7.09E-01	-1.50E-05	-7.09E-01	-8.70E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-5.42E+01
MCN103E	-3.09E-03	-1.16E-02	1.07E-04	-1.31E-03	0.00E+00	0.00E+00	-3.03E-01	-2.51E-04	8.40E-05	-1.48E-03	0.00E+00	0.00E+00	-9.05E-10	-3.76E-08	-1.81E-03	-6.25E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-1.78E-01	0.00E+00	5.74E-10	-8.85E-09	-4.00E-04	0.00E+00	-1.37E-01	0.00E+00	-1.78E-01	-8.73E-06	-1.78E-01	-3.57E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
MCN103P	-6.04E-03	-1.78E-01	-1.35E-03	-1.57E-01	0.00E+00	0.00E+00	-1.87E+00	-5.21E-04	-1.60E-04	-4.41E-03	0.00E+00	0.00E+00	-1.22E-09	-6.56E-08	-4.07E-03	-4.17E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.20E+00	0.00E+00	-5.87E-09	-2.01E-08	-1.33E-03	0.00E+00	-6.94E-01	0.00E+00	-1.20E+00	-1.58E-05	-1.20E+00	-1.88E+00	-6.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.34E+01
MCN104	7.22E-04	1.47E-01	3.18E-03	1.44E-01	0.00E+00	0.00E+00	7.13E-01	-5.13E-06	4.09E-04	1.23E-03	0.00E+00	0.00E+00	-1.41E-10	3.98E-09	4.91E-03	4.21E-02	0.00E+00	0.00E+00	3.14E-01	0.00E+00	8.82E-01	0.00E+00	8.49E-09	2.58E-09	2.70E-04	0.00E+00	5.92E-02	0.00E+00	8.82E-01	-3.43E-07	8.82E-01	9.42E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	9.07E+00
MCN104E	3.38E-04	7.06E-02	1.64E-03	6.89E-02	0.00E+00	0.00E+00	1.70E-01	-2.50E-05	3.42E-04	4.51E-04	0.00E+00	0.00E+00	-6.14E-10	1.46E-09	2.19E-03	-1.19E-01	0.00E+00	0.00E+00	-9.16E-02	0.00E+00	-5.07E-02	0.00E+00	3.10E-09	-3.05E-09	-6.43E-05	0.00E+00	-5.60E-03	0.00E+00	-5.07E-02	-1.25E-06	-5.07E-02	-5.63E-02	-5.60E-03	0.00E+00	0.00E+00	0.00E+00	-5.84E+00
MCN104P	-6.34E-03	-1.80E-01	-1.32E-03	-1.46E-01	0.00E+00	0.00E+00	-1.88E+00	-5.19E-04	-1.99E-04	-4.82E-03	0.00E+00	0.00E+00	-1.21E-09	-6.60E-08	-3.92E-03	-4.19E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-1.19E+00	0.00E+00	-5.80E-09	-2.02E-08	-1.33E-03	0.00E+00	-6.97E-01	0.00E+00	-1.19E+00	-1.68E-05	-1.19E+00	-1.85E+00	-6.97E-01	0.00E+00	0.00E+00	0.00E+00	-7.34E+01
MCN106	4.38E-04	1.07E-01	2.55E-03	1.04E-01	0.00E+00	0.00E+00	6.03E-01	-5.14E-06	2.43E-04	8.85E-04	0.00E+00	0.00E+00	-8.92E-11	2.41E-09	-1.29E-03	6.92E-02	0.00E+00	0.00E+00	2.33E-01	0.00E+00	6.38E-01	0.00E+00	6.73E-09	1.52E-09	1.80E-04	0.00E+00	2.79E-02	0.00E+00	6.38E-01	-2.20E-07	6.38E-01	6.66E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	7.07E+00
MCN106A	-1.09E-03	5.43E-03	1.36E-03	1.42E-02	0.00E+00	0.00E+00	1.73E-02	-1.74E-04	1.17E-04	-7.82E-04	0.00E+00	0.00E+00	-5.73E-10	-1.58E-08	-1.56E-03	-6.98E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	2.21E-02	0.00E+00	2.88E-09	-3.85E-09	-3.74E-04	0.00E+00	-8.99E-02	0.00E+00	2.21E-02	-4.12E-06	2.21E-02	-4.70E-02	-8.99E-02	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
MCN106E	-2.42E-03	8.43E-02	1.60E-03	8.27E-02	0.00E+00	0.00E+00	-1.15E-01	-2.69E-04	-4.33E-05	-6.39E-04	0.00E+00	0.00E+00	-3.90E-10	-3.01E-08	-2.13E-03	-1.89E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	3.67E-01	0.00E+00	5.03E-09	-3.67E-09	-2.63E-04	0.00E+00	-3.09E-02	0.00E+00	3.67E-01	-7.75E-06	3.67E-01	3.36E-01	-3.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
MCN106P	-5.66E-03	-1.97E-01	-1.46E-03	-2.14E-01	0.00E+00	0.00E+00	-1.86E+00	-5.35E-04	-2.97E-04	-4.66E-03	0.00E+00	0.00E+00	-1.79E-09	-6.96E-08	-9.67E-03	-4.00E+00	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-1.82E+00	0.00E+00	-8.45E-09	-2.43E-08	-1.74E-03	0.00E+00	-6.59E-01	0.00E+00	-1.82E+00	-1.70E-05	-1.82E+00	-2.64E+00	-6.59E-01	0.00E+00	0.00E+00	0.00E+00	-8.96E+01
MCN110	-7.17E-05	-5.40E-02	2.12E-04	-5.42E-02	0.00E+00	0.00E+00	3.83E-03	-2.03E-05	1.15E-04	-5.10E-04	0.00E+00	0.00E+00	-5.49E-10	-5.41E-11	1.37E-04	-4.54E-01	0.00E+00	0.00E+00	-2.41E-01	0.00E+00	-4.09E-01	0.00E+00	-9.73E-10	-4.48E-09	-2.60E-04	0.00E+00	-7.67E-02	0.00E+00	-4.09E-01	-1.07E-06	-4.09E-01	-4.85E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
MCN110A	-5.55E-04	4.01E-03	3.04E-04	1.11E-02	0.00E+00	0.00E+00	-6.52E-02	-1.22E-04	1.13E-04	-6.01E-04	0.00E+00	0.00E+00	-4.46E-10	-7.23E-09	7.21E-04	-3.70E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-1.37E-01	0.00E+00	2.06E-09	-3.61E-09	-2.80E-04	0.00E+00	-5.29E-02	0.00E+00	-1.37E-01	-2.38E-06	-1.37E-01	-2.25E-01	-5.29E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
MCN110E	-4.52E-05	2.13E-03	1.45E-04	1.99E-03	0.00E+00	0.00E+00	-1.23E-01	-2.60E-05	1.47E-04	-1.18E-04	0.00E+00	0.00E+00	-6.97E-10	-7.03E-10	9.80E-05	-4.99E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-5.14E-01	0.00E+00	-5.85E-10	-5.25E-09	-2.19E-04	0.00E+00	-9.48E-02	0.00E+00	-5.14E-01	-1.38E-06	-5.14E-01	-6.09E-01	-9.48E-02	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
MCN110P	-4.54E-03	-1.40E-01	-1.11E-03	-1.68E-01	0.00E+00	0.00E+00	-1.18E+00	-3.27E-04	-1.08E-04	-2.78E-03	0.00E+00	0.00E+00	-1.37E-09	-4.15E-08	-4.58E-03	-3.68E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-1.49E+00	0.00E+00	-5.74E-09	-1.69E-08	-1.10E-03	0.00E+00	-5.45E-01	0.00E+00	-1.49E+00	-1.17E-05	-1.49E+00	-2.09E+00	-5.45E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
MCN113	-3.17E-03	-1.13E-01	-1.51E-03	-1.11E-01	0.00E+00	0.00E+00	-9.25E-01	-2.97E-04	-1.94E-04	-2.41E-03	0.00E+00	0.00E+00	-1.06E-09	-3.43E-08	-1.84E-03	-1.03E+00	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-1.07E+00	0.00E+00	-4.95E-09	-1.21E-08	-8.42E-04	0.00E+00	-2.08E-01	0.00E+00	-1.07E+00	-9.24E-06	-1.07E+00	-1.28E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MCN113E	-6.96E-04	6.39E-03	1.41E-03	1.96E-03	0.00E+00	0.00E+00	-8.59E-03	-1.48E-04	1.32E-04	-7.61E-04	0.00E+00	0.00E+00	-4.08E-10	-1.31E-08	8.77E-04	-4.74E-01	0.00E+00	0.00E+00	-1.78E-01	0.00E+00	5.88E-03	0.00E+00	2.36E-09	-3.90E-09	-3.26E-04	0.00E+00	-7.65E-02	0.00E+00	5.88E-03	-2.73E-06	5.88E-03	-1.42E-02	-7.65E-02	0.00E+00	0.00E+00	0.00E+00	-9.31E+00
MCN116	4.21E-04	4.28E-02	2.47E-03	4.03E-02	0.00E+00	0.00E+00	6.58E-01	1.31E-06	1.99E-04	4.62E-04	0.00E+00	0.00E+00	1.13E-10	2.97E-09	3.46E-03	-2.75E-01	0.00E+00	0.00E+00	4.90E-01	0.00E+00	7.41E-01	0.00E+00	5.55E-09	2.49E-09	1.41E-04	0.00E+00	2.14E-02	0.00E+00	7.41E-01	1.75E-07	7.41E-01	7.63E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
MCN116A	-4.89E-04	5.39E-03	4.71E-04	1.12E-02	0.00E+00	0.00E+00	-6.09E-02	-1.13E-04	1.11E-04	-5.44E-04	0.00E+00	0.00E+00	-4.33E-10	-1.48E-09	8.13E-04	-3.69E-01	0.00E+00	0.00E+00	-2.70E-01	0.00E+00	-1.04E-01	0.00E+00	2.02E-09	-3.73E-09	-2.44E-04	0.00E+00	-5.04E-02	0.00E+00	-1.04E-01	-1.86E-06	-1.04E-01	-1.91E-01	-5.04E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
MCN116E	-2.76E-03	-2.34E-02	-9.78E-04	-2.24E-02	0.00E+00	0.00E+00	-8.19E-01	-2.73E-04	-1.26E-04	-1.59E-03	0.00E+00	0.00E+00	-1.05E-09	-3.13E-08	-8.33E-04	-7.52E-01	0.00E+00	0.00E+00	-9.94E-01	0.00E+00	-8.19E-01	0.00E+00	-2.41E-09	-1.04E-08	-6.48E-04	0.00E+00	-1.63E-01	0.00E+00	-8.19E-01	-8.56E-06	-8.19E-01	-9.82E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
MCN116P	-3.29E-03	-1.26E-01	-9.30E-04	-1.22E-01	0.00E+00	0.00E+00	-1.03E+00	-2.43E-04	-1.30E-04	-1.92E-03	0.00E+00	0.00E+00	-7.64E-10	-3.58E-08	-1.43E-03	-2.90E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-1.15E+00	0.00E+00	-3.91E-09	-1.48E-08	-6.13E-04	0.00E+00	-3.81E-01	0.00E+00	-1.15E+00	-8.34E-06	-1.15E+00	-1.67E+00	-3.81E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MCN120	-1.14E-05	-6.76E-02	5.31E-04	-6.81E-02	0.00E+00	0.00E+00	6.79E-02	-2.36E-05	2.06E-04	-6.19E-04	0.00E+00	0.00E+00	-6.11E-10	7.59E-10	-4.82E-03	-6.13E-01	0.00E+00	0.00E+00	-2.81E-01	0.00E+00	-5.00E-01	0.00E+00	-8.65E-10	-5.40E-09	-3.05E-04	0.00E+00	-1.25E-01	0.00E+00	-5.00E-01	-1.23E-06	-5.00E-01	-6.26E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
MCN120A	-8.95E-04	-1.92E-03	1.48E-03	2.34E-02	0.00E+00	0.00E+00	7.45E-02	-2.18E-04	1.19E-04	-1.09E-03	0.00E+00	0.00E+00	-4.53E-10	-3.26E-08	2.81E-04	-5.80E-01	0.00E+00	0.00E+00	-1.54E-01	0.00E+00	3.21E-02	0.00E+00	2.11E-09	-6.27E-09	-4.31E-04	0.00E+00	-1.08E-01	0.00E+00	3.21E-02	-6.99E-06	3.21E-02	-2.54E-02	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-8.59E+00
MCN120E	-4.03E-03	-2.61E-02	4.86E-04	-2.65E-02	0.00E+00	0.00E+00	-5.48E-01	-4.10E-04	-1.69E-04	-2.20E-03	0.00E+00	0.00E+00	-6.64E-10	-4.69E-08	1.73E-03	-9.12E-01	0.00E+00	0.00E+00	-6.65E-01	0.00E+00	-3.55E-04	0.00E+00	1.47E-09	-7.92E-09	-6.67E-04	0.00E+00	-1.36E-01	0.00E+00	-3.55E-04	-1.20E-05	-3.55E-04	-1.36E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
MCN120P	-3.48E-03	-1.24E-01	-9.63E-04	-1.24E-01	0.00E+00	0.00E+00	-1.11E+00	-2.65E-04	-9.54E-05	-1.94E-03	0.00E+00	0.00E+00	-7.62E-10	-3.57E-08	-1.31E-03	-2.81E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-1.14E+00	0.00E+00	-3.87E-09	-1.43E-08	-6.35E-04	0.00E+00	-3.83E-01	0.00E+00	-1.14E+00	-8.99E-06	-1.14E+00	-1.66E+00	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
MCN125	5.86E-04	2.88E-02	2.61E-03	2.62E-02	0.00E+00	0.00E+00	6.58E-01	-5.03E-06	3.93E-04	3.08E-04	0.00E+00	0.00E+00	-1.27E-10	4.45E-09	3.70E-03	-7.80E-02	0.00E+00	0.00E+00	3.14E-01	0.00E+00	6.15E-01	0.00E+00	5.49E-09	1.22E-09	6.93E-05	0.00E+00	3.70E-02	0.00E+00	6.15E-01	-3.14E-07	6.15E-01	6.52E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	9.89E+00
MCN125A	-1.20E-03	1.98E-02	2.56E-03	4.34E-02	0.00E+00	0.00E+00	3.75E-01	-1.81E-04	2.15E-04	-8.63E-04	0.00E+00	0.00E+00	-3.47E-10	-4.21E-08	4.30E-04	-2.45E-01	0.00E+00	0.00E+00	-1.59E-02	0.00E+00	1.01E-01	0.00E+00	4.32E-09	-5.36E-09	-1.52E-04	0.00E+00	-9.36E-03	0.00E+00	1.01E-01	-3.02E-06	1.01E-01	7.23E-02	-9.36E-03	0.00E+00	0.00E+00	0.00E+00	-2.45E+00
MCN125E	7.84E-04	1.17E-01	3.47E-03	1.13E-01	0.00E+00	0.00E+00	7.43E-01	-4.80E-06	4.53E-04	1.02E-03	0.00E+00	0.00E+00	-1.06E-11	4.77E-09	4.74E-03	-1.42E-01	0.00E+00	0.00E+00	5.30E-01	0.00E+00	8.87E-01	0.00E+00	7.91E-09	2.75E-09	2.37E-04	0.00E+00	5.08E-02	0.00E+00	8.87E-01	-1.28E-07	8.87E-01	9.38E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
MCN125P	-7.47E-03	-2.04E-01	-1.44E-03	-1.76E-01	0.00E+00	0.00E+00	-2.71E+00	-7.21E-04	-3.32E-04	-4.84E-03	0.00E+00	0.00E+00	-1.43E-09	-1.04E-07	-7.27E-03	-8.34E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.40E+00	0.00E+00	-6.48E-09	-2.40E-08	-1.94E-03	0.00E+00	-9.24E-01	0.00E+00	-1.40E+00	-2.03E-05	-1.40E+00	-2.23E+00	-9.24E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MCN132	-1.26E-02	-8.42E-02	-1.36E-03	-8.28E-02	0.00E+00	0.00E+00	-2.62E+00	-1.26E-03	-5.41E-04	-6.95E-03	0.00E+00	0.00E+00	-1.58E-09	-1.46E-07	-5.47E-03	-1.83E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-6.46E-01	0.00E+00	-1.89E-09	-2.31E-08	-1.98E-03	0.00E+00	-3.58E-01	0.00E+00	-6.46E-01	-3.74E-05	-6.46E-01	-1.00E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MCN132A	-7.86E-03	1.38E-02	8.93E-04	2.74E-02	0.00E+00	0.00E+00	-1.79E+00	-9.13E-04	1.34E-04	-3.38E-03	0.00E+00	0.00E+00	-1.14E-09	-1.16E-07	-8.15E-04	-8.44E-01	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-1.75E-01	0.00E+00	2.58E-09	-1.30E-08	-1.09E-03	0.00E+00	-1.49E-01	0.00E+00	-1.75E-01	-2.81E-05	-1.75E-01	-3.64E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.00E+01
MCN132E	-1.11E-02	-9.06E-03	-1.21E-03	-7.85E-03	0.00E+00	0.00E+00	-2.61E+00	-1.13E-03	-3.54E-04	-5.77E-03	0.00E+00	0.00E+00	-1.78E-09	-1.30E-07	-5.74E-03	-1.28E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-9.03E-01	0.00E+00	-1.65E-09	-2.29E-08	-1.79E-03	0.00E+00	-2.88E-01	0.00E+00	-9.03E-01	-3.30E-05	-9.03E-01	-1.19E+00	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-9.80E+01
MCN132P	-8.83E-03	-2.05E-01	-1.46E-03	-1.77E-01	0.00E+00	0.00E+00	-2.84E+00	-9.67E-04	-3.27E-04	-5.64E-03	0.00E+00	0.00E+00	-1.56E-09	-1.19E-07	-7.03E-03	-8.20E+00	0.00E+00	0.00E+00	-2.28E+00	0.00E+00	-1.38E+00	0.00E+00	-6.45E-09	-2.52E-08	-2.17E-03	0.00E+00	-7.80E-01	0.00E+00	-1.38E+00	-2.52E-05	-1.38E+00	-2.21E+00	-7.80E-01	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MCN140	-8.88E-05	1.56E-01	4.16E-03	1.52E-01	0.00E+00	0.00E+00	5.87E-01	-1.41E-04	7.71E-04	6.63E-04	0.00E+00	0.00E+00	-1.08E-10	-7.87E-09	1.17E-04	-3.80E-02	0.00E+00	0.00E+00	2.74E-01	0.00E+00	1.06E+00	0.00E+00	1.00E-08	2.11E-09	1.77E-04	0.00E+00	3.49E-02	0.00E+00	1.06E+00	-5.11E-06	1.06E+00	1.09E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	7.23E+00
MCN140A	-7.77E-03	1.48E-02	1.20E-03	2.23E-02	0.00E+00	0.00E+00	-1.67E+00	-8.99E-04	1.52E-04	-2.99E-03	0.00E+00	0.00E+00	-1.13E-09	-1.13E-07	-1.00E-03	-8.85E-01	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-2.06E-01	0.00E+00	2.46E-09	-1.34E-08	-1.02E-03	0.00E+00	-1.57E-01	0.00E+00	-2.06E-01	-2.68E-05	-2.06E-01	-3.82E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
MCN140E	1.18E-03	1.10E-01	3.51E-03	1.06E-01	0.00E+00	0.00E+00	5.28E-01	-1.58E-05	8.79E-04	8.85E-04	0.00E+00	0.00E+00	-3.27E-10	7.90E-09	-1.50E-03	1.90E-01	0.00E+00	0.00E+00	2.49E-01	0.00E+00	4.74E-01	0.00E+00	6.87E-09	5.00E-10	1.48E-04	0.00E+00	4.81E-02	0.00E+00	4.74E-01	-7.51E-07	4.74E-01	5.22E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
MCN140P	-8.77E-03	-2.06E-01	-1.40E-03	-1.78E-01	0.00E+00	0.00E+00	-2.84E+00	-1.02E-03	-3.29E-04	-6.06E-03	0.00E+00	0.00E+00	-1.58E-09	-1.21E-07	-7.21E-03	-7.94E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-1.39E+00	0.00E+00	-6.53E-09	-2.57E-08	-2.23E-03	0.00E+00	-7.84E-01	0.00E+00	-1.39E+00	-2.59E-05	-1.39E+00	-2.25E+00	-7.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MCN150	-1.61E-02	-8.72E-02	-3.60E-03	-8.36E-02	0.00E+00	0.00E+00	-4.08E+00	-1.61E-03	-6.94E-04	-8.86E-03	0.00E+00	0.00E+00	-2.73E-09	-1.87E-07	-2.99E-03	-1.83E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-1.78E+00	0.00E+00	-6.98E-09	-3.48E-08	-2.73E-03	0.00E+00	-4.17E-01	0.00E+00	-1.78E+00	-4.72E-05	-1.78E+00	-2.20E+00	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02

MCN150A	-6.47E-03	-1.11E-01	-3.25E-04	-3.75E-03	0.00E+00	0.00E+00	-1.30E+00	-7.63E-04	-2.61E-05	-2.59E-03	0.00E+00	0.00E+00	-1.11E-09	-7.87E-08	-3.32E-03	-1.30E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-6.59E-01	0.00E+00	-5.20E-10	-1.25E-08	-1.41E-03	0.00E+00	-2.58E-01	0.00E+00	-6.59E-01	-2.03E-05	-6.59E-01	-1.12E+00	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E+01
MCN150E	-9.95E-04	2.60E-02	2.98E-03	2.55E-02	0.00E+00	0.00E+00	2.39E-01	-3.13E-04	6.05E-04	-8.98E-04	0.00E+00	0.00E+00	-6.23E-10	-2.64E-08	-2.00E-03	-7.37E-01	0.00E+00	0.00E+00	1.34E-02	0.00E+00	2.13E-01	0.00E+00	3.76E-09	-3.99E-09	6.92E-07	0.00E+00	-1.53E-01	0.00E+00	2.13E-01	-1.13E-05	2.13E-01	1.97E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+00
MCN150P	-5.19E-03	-1.24E-01	-1.48E-04	-9.70E-02	0.00E+00	0.00E+00	-7.03E-01	-5.78E-04	2.08E-06	-3.79E-03	0.00E+00	0.00E+00	-1.04E-09	-5.50E-08	-1.10E-03	-1.29E+00	0.00E+00	0.00E+00	-9.59E-01	0.00E+00	-8.98E-01	0.00E+00	-4.77E-09	-1.18E-08	-9.06E-04	0.00E+00	-2.44E-01	0.00E+00	-8.98E-01	-1.50E-05	-8.98E-01	-1.38E+00	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.25E+01
MCN163	1.21E-03	6.27E-02	2.89E-03	5.98E-02	0.00E+00	0.00E+00	3.57E-01	-2.44E-05	1.05E-03	4.46E-04	0.00E+00	0.00E+00	-6.90E-10	8.76E-09	-2.65E-03	-5.39E-02	0.00E+00	0.00E+00	-1.55E-01	0.00E+00	3.84E-03	0.00E+00	4.41E-09	-2.58E-09	-1.62E-05	0.00E+00	-2.43E-02	0.00E+00	3.84E-03	-1.49E-06	3.84E-03	-2.04E-02	-2.43E-02	0.00E+00	0.00E+00	0.00E+00	-8.93E+00
MCN163A	-5.49E-03	-1.28E-01	4.24E-04	-8.97E-02	0.00E+00	0.00E+00	-3.48E-01	-5.17E-04	9.16E-04	-3.34E-03	0.00E+00	0.00E+00	-8.93E-10	-4.94E-08	-2.94E-03	-1.41E+00	0.00E+00	0.00E+00	-5.15E-01	0.00E+00	-7.25E-01	0.00E+00	-5.43E-09	-1.14E-08	-5.27E-04	0.00E+00	-2.04E-01	0.00E+00	-7.25E-01	-1.34E-05	-7.25E-01	-1.11E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
MCN163E	1.20E-03	6.01E-02	2.87E-03	5.73E-02	0.00E+00	0.00E+00	3.53E-01	-2.44E-05	1.05E-03	4.32E-04	0.00E+00	0.00E+00	-6.91E-10	8.74E-09	-2.71E-03	-1.95E-01	0.00E+00	0.00E+00	-1.62E-01	0.00E+00	-1.92E-02	0.00E+00	4.23E-09	-2.72E-09	-2.09E-05	0.00E+00	-4.56E-02	0.00E+00	-1.92E-02	-1.50E-06	-1.92E-02	-6.47E-02	-4.56E-02	0.00E+00	0.00E+00	0.00E+00	-9.17E+00
MCN163P	-4.41E-03	-1.23E-01	-9.37E-05	-9.93E-02	0.00E+00	0.00E+00	-7.29E-01	-5.39E-04	1.44E-04	-3.33E-03	0.00E+00	0.00E+00	-1.09E-09	-4.85E-08	-1.60E-03	-1.11E+00	0.00E+00	0.00E+00	-9.60E-01	0.00E+00	-1.02E+00	0.00E+00	-4.80E-09	-1.29E-08	-7.83E-04	0.00E+00	-2.79E-01	0.00E+00	-1.02E+00	-1.56E-05	-1.02E+00	-1.43E+00	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
MCN200	-6.24E-03	-4.99E-02	3.34E-04	-7.17E-02	0.00E+00	0.00E+00	-9.85E-01	-5.33E-04	3.34E-05	-2.73E-03	0.00E+00	0.00E+00	-1.97E-09	-7.33E-08	-9.88E-03	-1.39E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-5.77E-01	0.00E+00	-1.18E-09	-1.76E-08	-7.77E-04	0.00E+00	-3.26E-01	0.00E+00	-5.77E-01	-2.08E-05	-5.77E-01	-7.11E-01	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
MCN200E	-5.83E-03	-5.11E-02	4.82E-04	-7.06E-02	0.00E+00	0.00E+00	-9.47E-01	-5.07E-04	3.89E-05	-2.70E-03	0.00E+00	0.00E+00	-1.91E-09	-6.85E-08	-7.91E-03	-1.22E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-5.58E-01	0.00E+00	-1.49E-09	-1.69E-08	-6.63E-04	0.00E+00	-2.57E-01	0.00E+00	-5.58E-01	-1.99E-05	-5.58E-01	-6.82E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-6.04E+01
MCN201	-6.30E-03	-7.48E-02	3.85E-04	-8.87E-02	0.00E+00	0.00E+00	-1.22E+00	-5.45E-04	-2.41E-05	-2.63E-03	0.00E+00	0.00E+00	-2.00E-09	-8.23E-08	-1.07E-02	-1.83E+00	0.00E+00	0.00E+00	-1.58E+00	0.00E+00	-5.19E-01	0.00E+00	-9.70E-10	-1.81E-08	-9.40E-04	0.00E+00	-4.46E-01	0.00E+00	-5.19E-01	-2.17E-05	-5.19E-01	-8.55E-01	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-7.08E+01
MCN201E	-6.41E-03	-6.95E-02	2.36E-04	-7.53E-02	0.00E+00	0.00E+00	-1.20E+00	-5.45E-04	7.94E-06	-2.84E-03	0.00E+00	0.00E+00	-2.03E-09	-8.36E-08	-8.94E-03	-1.49E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-5.97E-01	0.00E+00	-1.36E-09	-1.80E-08	-7.85E-04	0.00E+00	-3.20E-01	0.00E+00	-5.97E-01	-2.18E-05	-5.97E-01	-7.86E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
MCN201P	-7.87E-03	-4.06E-01	-5.07E-03	-3.29E-01	0.00E+00	0.00E+00	-2.84E+00	-6.30E-04	-3.99E-04	-5.59E-03	0.00E+00	0.00E+00	-2.77E-09	-7.24E-08	-1.51E-02	-4.51E+00	0.00E+00	0.00E+00	-3.12E+00	0.00E+00	-3.35E+00	0.00E+00	-1.40E-08	-3.05E-08	-1.87E-03	0.00E+00	-8.13E-01	0.00E+00	-3.35E+00	-2.45E-05	-3.35E+00	-4.66E+00	-8.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
MCN202	-5.05E-03	-6.87E-02	2.25E-04	-6.23E-02	0.00E+00	0.00E+00	-1.11E+00	-4.75E-04	1.08E-05	-2.46E-03	0.00E+00	0.00E+00	-1.94E-09	-6.35E-08	-1.04E-02	-1.75E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-5.67E-01	0.00E+00	-1.43E-10	-1.64E-08	-8.90E-04	0.00E+00	-3.98E-01	0.00E+00	-5.67E-01	-2.12E-05	-5.67E-01	-8.05E-01	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-6.69E+01
MCN202E	-4.90E-03	-6.73E-02	2.46E-04	-4.48E-02	0.00E+00	0.00E+00	-1.08E+00	-4.79E-04	-1.24E-06	-2.56E-03	0.00E+00	0.00E+00	-1.92E-09	-6.43E-08	-7.64E-03	-1.41E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-5.37E-01	0.00E+00	-6.35E-10	-1.63E-08	-7.05E-04	0.00E+00	-2.82E-01	0.00E+00	-5.37E-01	-2.00E-05	-5.37E-01	-7.62E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-6.05E+01
MCN202P	-8.12E-03	-3.99E-01	-5.07E-03	-3.26E-01	0.00E+00	0.00E+00	-2.81E+00	-6.32E-04	-3.97E-04	-5.55E-03	0.00E+00	0.00E+00	-2.75E-09	-7.44E-08	-1.53E-02	-4.51E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-3.32E+00	0.00E+00	-1.40E-08	-3.03E-08	-1.83E-03	0.00E+00	-8.08E-01	0.00E+00	-3.32E+00	-2.41E-05	-3.32E+00	-4.56E+00	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
MCN203	-6.65E-03	-5.19E-02	5.22E-04	-5.70E-02	0.00E+00	0.00E+00	-9.72E-01	-7.07E-04	3.29E-05	-2.82E-03	0.00E+00	0.00E+00	-2.09E-09	-6.58E-08	-9.10E-03	-1.82E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-4.17E-01	0.00E+00	-1.57E-10	-1.79E-08	-1.18E-03	0.00E+00	-3.85E-01	0.00E+00	-4.17E-01	-2.29E-05	-4.17E-01	-5.57E-01	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
MCN203E	-5.50E-03	-4.93E-02	3.09E-04	-4.05E-02	0.00E+00	0.00E+00	-1.00E+00	-6.49E-04	2.27E-05	-2.58E-03	0.00E+00	0.00E+00	-1.94E-09	-7.12E-08	-6.88E-03	-1.42E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-4.98E-01	0.00E+00	-6.76E-10	-1.72E-08	-6.96E-04	0.00E+00	-2.71E-01	0.00E+00	-4.98E-01	-2.24E-05	-4.98E-01	-6.61E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-6.06E+01
MCN203P	-8.51E-03	-4.02E-01	-5.07E-03	-3.26E-01	0.00E+00	0.00E+00	-2.84E+00	-7.19E-04	-3.90E-04	-5.57E-03	0.00E+00	0.00E+00	-2.76E-09	-7.86E-08	-1.52E-02	-4.53E+00	0.00E+00	0.00E+00	-3.16E+00	0.00E+00	-3.35E+00	0.00E+00	-1.41E-08	-3.06E-08	-1.92E-03	0.00E+00	-8.16E-01	0.00E+00	-3.35E+00	-2.58E-05	-3.35E+00	-4.66E+00	-8.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MCN204	-7.15E-03	-7.99E-02	8.32E-05	-8.70E-02	0.00E+00	0.00E+00	-1.01E+00	-7.24E-04	9.70E-06	-3.92E-03	0.00E+00	0.00E+00	-2.10E-09	-9.35E-08	-9.87E-03	-1.78E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-4.38E-01	0.00E+00	-8.72E-10	-2.05E-08	-1.23E-03	0.00E+00	-4.36E-01	0.00E+00	-4.38E-01	-2.45E-05	-4.38E-01	-7.16E-01	-4.36E-01	0.00E+00	0.00E+00	0.00E+00	-6.39E+01
MCN204E	-1.04E-02	-2.41E-01	-2.71E-03	-2.38E-01	0.00E+00	0.00E+00	-2.49E+00	-1.01E-03	-5.57E-04	-7.01E-03	0.00E+00	0.00E+00	-2.52E-09	-1.16E-07	-2.06E-02	-2.03E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-2.26E+00	0.00E+00	-8.54E-09	-3.14E-08	-2.30E-03	0.00E+00	-5.13E-01	0.00E+00	-2.26E+00	-3.02E-05	-2.26E+00	-2.77E+00	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MCN204P	-8.43E-03	-4.00E-01	-5.07E-03	-3.25E-01	0.00E+00	0.00E+00	-2.81E+00	-6.97E-04	-3.86E-04	-5.63E-03	0.00E+00	0.00E+00	-2.75E-09	-7.71E-08	-1.53E-02	-4.50E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-3.32E+00	0.00E+00	-1.41E-08	-3.06E-08	-1.88E-03	0.00E+00	-8.03E-01	0.00E+00	-3.32E+00	-2.49E-05	-3.32E+00	-4.56E+00	-8.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MCN206	4.15E-04	1.56E-03	3.65E-03	-2.08E-03	0.00E+00	0.00E+00	1.08E+00	-1.04E-05	3.48E-04	1.26E-04	0.00E+00	0.00E+00	-2.15E-10	4.36E-09	-1.26E-02	-7.38E-01	0.00E+00	0.00E+00	2.02E-01	0.00E+00	5.64E-01	0.00E+00	7.40E-09	-9.19E-10	-2.34E-05	0.00E+00	-1.41E-01	0.00E+00	5.64E-01	-5.44E-07	5.64E-01	4.24E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+00
MCN206A	-4.16E-03	-3.93E-03	1.88E-03	6.24E-03	0.00E+00	0.00E+00	-8.65E-02	-2.82E-04	1.54E-04	-1.60E-03	0.00E+00	0.00E+00	-1.40E-09	-3.16E-08	-9.72E-03	-8.51E-01	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	8.19E-02	0.00E+00	2.60E-09	-9.75E-09	-7.92E-04	0.00E+00	-1.45E-01	0.00E+00	8.19E-02	-1.33E-05	8.19E-02	4.88E-02	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MCN206E	-5.78E-03	-1.73E-02	-8.24E-04	-1.65E-02	0.00E+00	0.00E+00	-1.37E+00	-5.75E-04	-2.44E-04	-3.10E-03	0.00E+00	0.00E+00	-1.94E-09	-6.56E-08	-1.79E-02	-9.72E-01	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-1.43E+00	0.00E+00	-1.81E-09	-2.04E-08	-1.26E-03	0.00E+00	-3.20E-01	0.00E+00	-1.43E+00	-1.77E-05	-1.43E+00	-1.75E+00	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.24E+01
MCN206P	-6.66E-03	-4.49E-01	-5.27E-03	-4.19E-01	0.00E+00	0.00E+00	-2.49E+00	-6.15E-04	-5.81E-04	-6.53E-03	0.00E+00	0.00E+00	-2.84E-09	-7.55E-08	-2.12E-02	-4.08E+00	0.00E+00	0.00E+00	-3.19E+00	0.00E+00	-3.60E+00	0.00E+00	-1.57E-08	-3.57E-08	-2.14E-03	0.00E+00	-8.51E-01	0.00E+00	-3.60E+00	-2.18E-05	-3.60E+00	-5.11E+00	-8.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MCN208E	-3.08E-03	-9.59E-03	2.53E-03	4.91E-03	0.00E+00	0.00E+00	-3.79E-02	-2.85E-04	1.60E-04	-1.34E-03	0.00E+00	0.00E+00	-1.27E-09	-2.75E-08	-9.00E-03	-1.12E+00	0.00E+00	0.00E+00	-4.91E-01	0.00E+00	-4.89E-03	0.00E+00	1.80E-09	-9.16E-09	-5.81E-04	0.00E+00	-1.92E-01	0.00E+00	-4.89E-03	-1.01E-05	-4.89E-03	-2.38E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
MCN210	-4.85E-03	-2.00E-02	1.60E-03	-2.16E-02	0.00E+00	0.00E+00	-4.19E-01	-5.03E-04	-1.94E-04	-2.55E-03	0.00E+00	0.00E+00	-7.62E-10	-5.69E-08	3.54E-03	-1.29E+00	0.00E+00	0.00E+00	-5.55E-01	0.00E+00	2.57E-01	0.00E+00	3.80E-09	-9.13E-09	-7.92E-04	0.00E+00	-1.60E-01	0.00E+00	2.57E-01	-1.46E-05	2.57E-01	9.73E-02	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
MCN210A	-2.97E-03	-1.00E-02	1.76E-03	8.11E-03	0.00E+00	0.00E+00	-1.20E-02	-2.93E-04	1.57E-04	-1.66E-03	0.00E+00	0.00E+00	-1.24E-09	-2.65E-08	-9.64E-03	-8.71E-01	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	1.17E-01	0.00E+00	1.35E-09	-7.66E-09	-5.68E-04	0.00E+00	-1.79E-01	0.00E+00	1.17E-01	-8.90E-06	1.17E-01	-3.92E-02	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
MCN210E	7.62E-04	6.23E-02	5.38E-03	5.69E-02	0.00E+00	0.00E+00	1.53E+00	3.02E-06	4.09E-04	7.77E-04	0.00E+00	0.00E+00	2.61E-10	6.42E-09	-1.04E-02	-1.03E+00	0.00E+00	0.00E+00	8.20E-01	0.00E+00	1.35E+00	0.00E+00	1.18E-08	3.66E-09	2.40E-04	0.00E+00	-1.23E-01	0.00E+00	1.35E+00	3.66E-07	1.35E+00	1.23E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MCN210P	-5.76E-03	-3.24E-01	-4.07E-03	-3.31E-01	0.00E+00	0.00E+00	-1.83E+00	-4.76E-04	-3.71E-04	-5.06E-03	0.00E+00	0.00E+00	-2.22E-09	-6.31E-08	-1.29E-02	-3.77E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-2.78E+00	0.00E+00	-1.14E-08	-2.66E-08	-1.46E-03	0.00E+00	-7.77E-01	0.00E+00	-2.78E+00	-1.75E-05	-2.78E+00	-3.87E+00	-7.77E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MCN213	-7.30E-03	-4.15E-02	-1.05E-03	-4.05E-02	0.00E+00	0.00E+00	-1.72E+00	-7.26E-04	-3.16E-04	-4.02E-03	0.00E+00	0.00E+00	-2.09E-09	-8.32E-08	-1.82E-02	-1.56E+00	0.00E+00	0.00E+00	-2.17E+00	0.00E+00	-1.54E+00	0.00E+00	-2.57E-09	-2.33E-08	-1.51E-03	0.00E+00	-4.10E-01	0.00E+00	-1.54E+00	-2.20E-05	-1.54E+00	-1.95E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.21E+01
MCN213E	-4.05E-03	-1.65E-02	1.67E-03	-2.11E-02	0.00E+00	0.00E+00	-5.48E-01	-3.43E-04	1.45E-04	-2.14E-03	0.00E+00	0.00E+00	-1.85E-09	-7.98E-08	-9.67E-03	-9.50E-01	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-5.86E-01	0.00E+00	-2.02E-10	-1.58E-08	-9.38E-04	0.00E+00	-2.14E-01	0.00E+00	-5.86E-01	-1.43E-05	-5.86E-01	-7.47E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.43E+01
MCN216	6.49E-04	2.56E-02	4.51E-03	2.11E-02	0.00E+00	0.00E+00	1.21E+00	-9.90E-06	4.63E-04	3.43E-04	0.00E+00	0.00E+00	-9.74E-11	5.69E-09	-1.17E-02	-4.62E-01	0.00E+00	0.00E+00	4.75E-01	0.00E+00	8.37E-01	0.00E+00	9.26E-09	5.35E-10	4.81E-05	0.00E+00	-7.31E-02	0.00E+00	8.37E-01	-3.28E-07	8.37E-01	7.63E-01	-7.31E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
MCN216A	-2.13E-03	3.40E-02	2.35E-03	3.63E-02	0.00E+00	0.00E+00	-1.12E-02	-3.72E-04	1.23E-04	-7.06E-04	0.00E+00	0.00E+00	-7.02E-10	-1.67E-08	-2.14E-03	-5.79E-01	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	2.59E-02	0.00E+00	6.43E-09	-7.66E-09	-5.21E-04	0.00E+00	-9.44E-02	0.00E+00	2.59E-02	-8.98E-06	2.59E-02	1.69E-02	-9.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
MCN216E	-7.47E-03	-6.59E-02	-2.50E-03	-6.34E-02	0.00E+00	0.00E+00	-2.15E+00	-7.39E-04	-3.46E-04	-4.38E-03	0.00E+00	0.00E+00	-2.62E-09	-8.51E-08	-1.23E-03	-8.78E-01	0.00E+00	0.00E+00	-2.55E+00	0.00E+00	-1.92E+00	0.00E+00	-5.56E-09	-2.59E-08	-1.70E-03	0.00E+00	-2.64E-01	0.00E+00	-1.92E+00	-2.30E-05	-1.92E+00	-2.19E+00	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MCN216P	-6.13E-03	-3.23E-01	-4.07E-03	-3.36E-01	0.00E+00	0.00E+00	-1.93E+00	-5.26E-04	-3.78E-04	-5.45E-03	0.00E+00	0.00E+00	-2.32E-09	-6.86E-08	-1.29E-02	-3.78E+00	0.00E+00	0.00E+00	-2.51E+00	0.00E+00	-2.82E+00	0.00E+00	-1.15E-08	-2.82E-08	-1.76E-03	0.00E+00	-7.95E-01	0.00E+00	-2.82E+00	-1.95E-05	-2.82E+00	-3.90E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
MCN220	-8.91E-03	-2.71E-02	-1.62E-03	-2.55E-02	0.00E+00	0.00E+00	-2.19E+00	-8.97E-04	-3.75E-04	-4.81E-03	0.00E+00	0.00E+00	-2.49E-09	-1.03E-07	2.55E-04	-1.11E+00	0.00E+00	0.00E+00	-2.50E+00	0.00E+00	-1.42E+00	0.00E+00	-2.71E-09	-2.52E-08	-1.74E-03	0.00E+00	-2.72E-01	0.00E+00	-1.42E+00	-2.72E-05	-1.42E+00	-1.69E+00	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MCN220A	-2.33E-03	2.48E-02	1.79E-03	1.08E-02	0.00E+00	0.00E+00	-7.96E-02	-3.70E-04	1.23E-04	-7.85E-04	0.00E+00	0.00E+00	-8.25E-10	-1.88E-08	-2.69E-03	-7.79E-01	0.00E+00	0.00E+00	-5.38E-01	0.00E+00	-8.27E-02	0.00E+00	3.46E-09	-8.84E-09	-6.28E-04	0.00E+00	-1.23E-01	0.00E+00	-8.27E-02	-9.59E-06	-8.27E-02	2.81E-02	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
MCN220E	-8.00E-05	-3.26E-02	2.01E-04	-3.28E-02	0.00E+00	0.00E+00	-2.25E-01	-6.07E-05	4.85E-04	-6.24E-04	0.00E+00	0.00E+00	-1.77E-09	-1.72E-10	-1.77E-02	-5.44E-01	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-1.47E+00	0.00E+00	-1.35E-09	-1.38E-08	-5.94E-04	0.00E+00	-2.57E-01	0.00E+00	-1.47E+00	-3.48E-06	-1.47E+00	-1.72E+00	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.68E+01
MCN220P	-6.58E-03	-3.41E-01	-4.57E-03	-3.51E-01	0.00E+00	0.00E+00	-2.25E+00	-5.93E-04	-4.71E-04	-5.37E-03	0.00E+00	0.00E+00	-2.82E-09	-7.19E-08	-1.51E-02	-3.64E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-2.94E+00	0.00E+00	-1.22E-08	-3.34E-08	-1.95E-03	0.00E+00	-7.88E-01	0.00E+00	-2.94E+00	-2.21E-05	-2.94E+00	-4.04E+00	-7.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MCN225	-4.34E-03	-6.90E-02	1.17E-03	-5.36E-02	0.00E+00	0.00E+00	-1.06E+00	-5.37E-04	1.90E-04	-3.37E-03	0.00E+00	0.00E+00	-2.09E-09	-9.81E-08	-5.65E-03	-1.12E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-6.46E-01	0.00E+00	-9.39E-10	-2.03E-08	-1.24E-03	0.00E+00	-2.27E-01	0.00E+00	-6.46E-01	-2.06E-05	-6.46E-01	-9.83E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-7.34E+01
MCN225A	-4.00E-03	-6.68E-02	9.89E-04	-1.93E-02	0.00E+00	0.00E+00	-8.07E-01	-4.28E-04	2.12E-04	-2.72E-03	0.00E+00	0.00E+00	-1.80E-09	-6.71E-08	-8.77E-03	-8.50E-01	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	-6.71E-01	0.00E+00	-2.70E-12	-1.76E-08	-1.06E-03	0.00E+00	-1.83E-01	0.00E+00	-6.71E-01	-1.33E-05	-6.71E-01	-8.60E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-6.48E+01
MCN225E	-1.25E-02	-2.79E-01	-4.21E-03	-2.75E-01	0.00E+00	0.00E+00	-3.36E+00	-1.21E-03	-6.69E-04	-8.41E-03	0.00E+00	0.00E+00	-3.08E-09	-1.40E-07	-4.19E-03	-2.10E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-2.77E+00	0.00E+00	-1.28E-08	-3.71E-08	-2.76E-03	0.00E+00	-4.69E-01	0.00E+00	-2.77E+00	-3.64E-05	-2.77E+00	-3.23E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MCN225P	-1.04E-02	-4.94E-01	-5.19E-03	-4.47E-01	0.00E+00	0.00E+00	-3.56E+00	-1.01E-03	-6.42E-04	-6.25E-03	0.00E+00	0.00E+00	-3.17E-09	-1.18E-07	-2.21E-02	-1.16E+01	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-3.68E+00	0.00E+00	-1.60E-08	-4.07E-08	-2.85E-03	0.00E+00	-1.20E+00	0.00E+00	-3.68E+00	-3.31E-05	-3.68E+00	-5.23E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MCN232	-9.83E-03	1.62E-02	2.58E-03	-4.53E-03	0.00E+00	0.00E+00	-1.41E+00	-9.19E-04	3.41E-04	-5.62E-03	0.00E+00	0.00E+00	-2.24E-09	-9.72E-08	-1.93E-03	-1.82E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	6.81E-01	0.00E+00	8.25E-09	-2.10E-08	-1.49E-03	0.00E+00	-3.17E-01	0.00E+00	6.81E-01	-3.07E-05	6.81E-01	1.50E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-7.54E+01
MCN232A	-1.72E-02	3.73E-02	1.33E-03	-2.11E-02	0.00E+00	0.00E+00	-2.41E+00	-1.98E-03	5.54E-04	-8.47E-03	0.00E+00	0.00E+00	-2.34E-09	-1.90E-07	-6.58E-03	-1.29E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-5.46E-01	0.00E+00	2.18E-09	-2.79E-08	-2.65E-03	0.00E+00	-3.50E-01	0.00E+00	-5.46E-01	-5.65E-05	-5.46E-01	-8.56E-01	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MCN232E	-1.37E-03	-7.46E-02	3.30E-03	-7.79E-02	0.00E+00	0.00E+00	-2.36E-02	-3.18E-04	1.26E-03	-2.05E-03	0.00E+00	0.00E+00	-1.31E-09	-2.10E-08	3.24E-03	-1.02E+00	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	-2.49E-01	0.00E+00	2.67E-09	-9.87E-09	-7.02E-04	0.00E+00	-1.40E-01	0.00E+00	-2.49E-01	-1.24E-05	-2.49E-01	-3.88E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
MCN232P	-1.66E-02	-4.88E-01	-5.58E-03	-4.16E-01	0.00E+00	0.00E+00	-4.76E+00	-1.47E-03	-9.06E-04	-9.48E-03	0.00E+00	0.00E+00	-3.13E-09	-1.71E-07	-1.96E-02	-1.14E+01	0.00E+00	0.00E+00	-4.42E+00	0.00E+00	-3.36E+00	0.00E+00	-1.50E-08	-4.29E-08	-3.28E-03	0.00E+00	-1.05E+00	0.00E+00	-3.36E+00	-4.79E-05	-3.36E+00	-5.07E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
MCN240	-9.92E-03	5.01E-02	1.96E-03	1.58E-02	0.00E+00	0.00E+00	-1.47E+00	-9.11E-04	4.20E-04	-6.76E-03	0.00E+00	0.00E+00	-2.49E-09	-1.31E-07	-1.77E-03	-1.79E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	7.75E-01	0.00E+00	7.81E-09	-2.30E-08	-1.60E-03	0.00E+00	-3.21E-01	0.00E+00	7.75E-01	-3.04E-05	7.75E-01	3.23E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
MCN240A	-1.09E-02	1.07E-01	2.87E-03	5.99E-02	0.00E+00	0.00E+00	-2.29E+00	-1.71E-03	6.65E-04	-3.07E-03	0.00E+00	0.00E+00	-2.52E-09	-1.04E-07	-3.38E-03	-1.21E+00	0.00E+00	0.00E+00	-2.21E+00	0.00E+00	-3.38E-01	0.00E+00	3.69E-09	-3.12E-08	-2.90E-03	0.00E+00	-2.98E-01	0.00E+00	-3.38E-01	-4.84E-05	-3.38E-01	-5.10E-01	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MCN240E	-2.14E-02	1.37E-01	5.62E-04	1.36E-01	0.00E+00	0.00E+00	-4.25E+00	-2.23E-03	-5.77E-04	-1.00E-02	0.00E+00	0.00E+00	-2.73E-09	-2.56E-07	4.58E-03	-1.94E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	5.19E-02	0.00E+00	6.70E-09	-3.47E-08	-2.95E-03	0.00E+00	-3.44E-01	0.00E+00	5.19E-02	-6.44E-05	5.19E-02	-2.92E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MCN240P	-1.79E-02	-4.91E-01	-5.95E-03	-4.19E-01	0.00E+00	0.00E+00	-5.15E+00	-1.62E-03	-9.67E-04	-1.01E-02	0.00E+00	0.00E+00	-3.23E-09	-2.23E-07	-1.97E-02	-1.16E+01	0.00E+00	0.00E+00	-4.65E+00	0.00E+00	-3.38E+00	0.00E+00	-1.54E-08	-5.16E-08	-3.86E-03	0.00E+00	-1.06E+00	0.00E+00	-3.38E+00	-5.08E-05	-3.38E+00	-5.18E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
MCN250	-1.09E-02	1.96E-02	-8.25E-05	1.38E-02	0.00E+00	0.00E+00	-3.09E+00	-1.02E-03	-1.55E-04	-6.19E-03	0.00E+00	0.00E+00	-2.68E-09	-2.23E-07	-4.28E-03	-1.59E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	-5.93E-01	0.00E+00	2.43E-09	-2.38E-08	-1.80E-03	0.00E+00	-3.46E-01	0.00E+00	-5.93E-01	-5.44E-05	-5.93E-01	-9.17E-01	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
MCN250A	-1.22E-02	-2.09E-01	-2.49E-04	-1.90E-01	0.00E+00	0.00E+00	-4.17E-01	-8.99E-04	1.11E-03	-7.72E-03	0.00E+00	0.00E+00	-2.67E-09	-1.29E-07	-8.52E-03	-3.19E+00	0.00E+00	0.00E+00	-9.02E-01	0.00E+00	-1.66E+00	0.00E+00	-1.22E-08	-4.14E-08	-1.70E-03	0.00E+00	-5.75E-01	0.00E+00	-1.66E+00	-3.31E-05	-1.66E+00	-2.50E+00	-5.75E-01	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
MCN250E	-3.22E-02	-1.73E-01	-7.18E-03	-1.66E-01	0.00E+00	0.00E+00	-8.15E+00	-3.22E-03	-1.39E-03	-1.77E-02	0.00E+00	0.00E+00	-5.45E-09	-3.75E-07	-5.62E-03	-3.25E+00	0.00E+00	0.00E+00	-7.17E+00	0.00E+00	-3.54E+00	0.00E+00	-1.38E-08	-6.94E-08	-5.46E-03	0.00E+00	-7.74E-01	0.00E+00	-3.54E+00	-9.43E-05	-3.54E+00	-4.31E+00	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCN250P	-1.32E-02	-2.12E-01	-2.71E-03	-1.23E-01	0.00E+00	0.00E+00	-3.67E+00	-8.11E-04	-1.63E-04	-3.77E-03	0.00E+00	0.00E+00	-2.22E-09	-7.66E-08	-6.93E-03	-3.40E+00	0.00E+00	0.00E+00	-3.63E+00	0.00E+00	-1.58E+00	0.00E+00	2.55E-09	-1.95E-08	-1.36E-03	0.00E+00	-5.95E-01	0.00E+00	-1.58E+00	-2.69E-05	-1.58E+00	-2.36E+00	-5.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MCN263	-1.64E-02	1.78E-02	-1.01E-03	-1.49E-02	0.00E+00	0.00E+00	-3.85E+00	-1.84E-03	6.16E-05	-7.91E-03	0.00E+00	0.00E+00	-3.61E-09	-2.62E-07	-4.20E-03	-1.53E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-6.90E-01	0.00E+00	2.94E-09	-3.16E-08	-2.84E-03	0.00E+00	-4.63E-01	0.00E+00	-6.90E-01	-7.11E-05	-6.90E-01	-9.13E-01	-4.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MCN263A	-1.51E-02	3.06E-02	-1.08E-03	-6.09E-03	0.00E+00	0.00E+00	-3.84E+00	-1.75E-03	1.24E-04	-8.10E-03	0.00E+00	0.00E+00	-3.65E-09	-2.47E-07	-3.79E-03	-1.32E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-4.94E-01	0.00E+00	2.54E-09	-3.00E-08	-2.83E-03	0.00E+00	-3.61E-01	0.00E+00	-4.94E-01	-7.39E-05	-4.94E-01	-7.36E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MCN263E	-1.10E-02	8.01E-02	2.25E-03	3.95E-02	0.00E+00	0.00E+00	-2.03E+00	-1.35E-03	9.37E-04	-7.15E-03	0.00E+00	0.00E+00	-2.29E-09	-1.89E-07	-2.48E-03	-1.21E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	6.66E-01	0.00E+00	1.03E-08	-1.96E-08	-1.62E-03	0.00E+00	-3.01E-01	0.00E+00	6.66E-01	-6.26E-05	6.66E-01	3.03E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
MCN263P	-1.49E-02	-2.34E-01	-3.18E-03	-1.23E-01	0.00E+00	0.00E+00	-4.36E+00	-1.29E-03	-1.03E-04	-5.02E-03	0.00E+00	0.00E+00	-2.70E-09	-1.96E-07	-7.45E-03	-3.47E+00	0.00E+00	0.00E+00	-3.99E+00	0.00E+00	-1.33E+00	0.00E+00	1.43E-09	-3.40E-08	-2.54E-03	0.00E+00	-6.92E-01	0.00E+00	-1.33E+00	-3.91E-05	-1.33E+00	-2.17E+00	-6.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
MCN300	-1.11E-02	-2.29E-02	2.18E-03	4.94E-02	0.00E+00	0.00E+00	-1.40E+00	-1.51E-03	-1.90E-04	-5.70E-03	0.00E+00	0.00E+00	-2.38E-09	-1.17E-07	-1.47E-02	-1.90E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	5.73E-01	0.00E+00	1.02E-08	-2.24E-08	-2.08E-03	0.00E+00	-4.35E-01	0.00E+00	5.73E-01	-3.42E-05	5.73E-01	1.27E-02	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
MCN300E	-1.16E-02	-1.87E-01	-6.37E-04	-1.79E-01	0.00E+00	0.00E+00	-2.09E+00	-1.60E-03	-4.95E-04	-6.42E-03	0.00E+00	0.00E+00	-2.37E-09	-1.50E-07	-1.64E-02	-2.49E+00	0.00E+00	0.00E+00	-3.23E+00	0.00E+00	-1.45E+00	0.00E+00	-3.55E-09	-2.56E-08	-3.02E-03	0.00E+00	-6.01E-01	0.00E+00	-1.45E+00	-4.06E-05	-1.45E+00	-1.68E+00	-6.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MCN301	-1.24E-02	-1.63E-01	-5.23E-04	-1.89E-01	0.00E+00	0.00E+00	-2.37E+00	-1.46E-03	-4.72E-04	-5.92E-03	0.00E+00	0.00E+00	-2.53E-09	-1.42E-07	-1.02E-02	-2.67E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-1.50E+00	0.00E+00	1.76E-11	-2.41E-08	-2.87E-03	0.00E+00	-6.40E-01	0.00E+00	-1.50E+00	-4.10E-05	-1.50E+00	-1.76E+00	-6.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MCN301E	-1.19E-02	-2.36E-01	-9.34E-04	-1.84E-01	0.00E+00	0.00E+00	-2.46E+00	-1.67E-03	-5.76E-04	-6.38E-03	0.00E+00	0.00E+00	-2.37E-09	-1.53E-07	-1.78E-02	-2.52E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-1.69E+00	0.00E+00	-3.83E-09	-2.56E-08	-3.11E-03	0.00E+00	-6.12E-01	0.00E+00	-1.69E+00	-4.36E-05	-1.69E+00	-1.91E+00	-6.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MCN301P	-1.43E-02	-5.90E-01	-7.49E-03	-4.81E-01	0.00E+00	0.00E+00	-3.24E+00	-1.47E-03	-7.54E-04	-1.07E-02	0.00E+00	0.00E+00	-4.08E-09	-1.51E-07	-2.39E-02	-4.84E+00	0.00E+00	0.00E+00	-4.25E+00	0.00E+00	-4.75E+00	0.00E+00	-2.22E-08	-5.33E-08	-3.31E-03	0.00E+00	-8.21E-01	0.00E+00	-4.75E+00	-4.05E-05	-4.75E+00	-6.72E+00	-8.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MCN302	-9.81E-03	2.70E-02	1.91E-03	6.26E-02	0.00E+00	0.00E+00	-1.76E+00	-1.11E-03	-1.27E-04	-6.71E-03	0.00E+00	0.00E+00	-2.55E-09	-1.17E-07	-3.45E-03	-2.12E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	4.61E-01	0.00E+00	1.02E-08	-1.96E-08	-1.59E-03	0.00E+00	-4.79E-01	0.00E+00	4.61E-01	-3.55E-05	4.61E-01	-2.03E-01	-4.79E-01	0.00E+00	0.00E+00	0.00E+00	-9.17E+01
MCN302E	-2.86E-02	-5.14E-01	-8.19E-03	-5.06E-01	0.00E+00	0.00E+00	-5.09E+00	-1.75E-03	-1.05E-03	-1.31E-02	0.00E+00	0.00E+00	-5.05E-09	-2.04E-07	-3.61E-02	-3.97E+00	0.00E+00	0.00E+00	-6.05E+00	0.00E+00	-5.11E+00	0.00E+00	-2.24E-08	-6.07E-08	-4.31E-03	0.00E+00	-1.06E+00	0.00E+00	-5.11E+00	-5.36E-05	-5.11E+00	-6.16E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
MCN302P	-1.44E-02	-5.76E-01	-7.49E-03	-4.78E-01	0.00E+00	0.00E+00	-3.24E+00	-1.43E-03	-7.38E-04	-1.07E-02	0.00E+00	0.00E+00	-4.06E-09	-1.48E-07	-2.35E-02	-4.86E+00	0.00E+00	0.00E+00	-4.20E+00	0.00E+00	-4.68E+00	0.00E+00	-2.23E-08	-5.31E-08	-3.28E-03	0.00E+00	-8.07E-01	0.00E+00	-4.68E+00	-4.06E-05	-4.68E+00	-6.54E+00	-8.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MCN303	-9.51E-03	-1.98E-01	2.60E-04	-2.23E-01	0.00E+00	0.00E+00	-2.03E+00	-1.35E-03	-3.25E-04	-5.84E-03	0.00E+00	0.00E+00	-2.53E-09	-1.17E-07	-1.56E-02	-2.62E+00	0.00E+00	0.00E+00	-2.83E+00	0.00E+00	-1.39E+00	0.00E+00	-3.95E-09	-2.26E-08	-2.80E-03	0.00E+00	-6.13E-01	0.00E+00	-1.39E+00	-3.67E-05	-1.39E+00	-1.52E+00	-6.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MCN303E	-9.40E-03	-2.63E-01	-6.49E-04	-2.14E-01	0.00E+00	0.00E+00	-2.07E+00	-1.58E-03	-5.44E-04	-5.94E-03	0.00E+00	0.00E+00	-2.35E-09	-1.22E-07	-1.47E-02	-2.44E+00	0.00E+00	0.00E+00	-3.17E+00	0.00E+00	-1.58E+00	0.00E+00	-4.06E-09	-2.36E-08	-2.93E-03	0.00E+00	-5.70E-01	0.00E+00	-1.58E+00	-3.95E-05	-1.58E+00	-1.77E+00	-5.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
MCN304	-9.93E-03	-1.28E-02	2.00E-03	4.28E-02	0.00E+00	0.00E+00	-1.78E+00	-1.05E-03	1.42E-05	-6.77E-03	0.00E+00	0.00E+00	-2.52E-09	-1.22E-07	-1.28E-02	-2.13E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	8.06E-01	0.00E+00	9.73E-09	-2.17E-08	-1.59E-03	0.00E+00	-5.02E-01	0.00E+00	8.06E-01	-3.57E-05	8.06E-01	3.28E-01	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-8.85E+01
MCN304E	-9.68E-03	-2.18E-02	1.98E-03	3.22E-02	0.00E+00	0.00E+00	-1.78E+00	-1.10E-03	1.21E-06	-6.97E-03	0.00E+00	0.00E+00	-2.52E-09	-1.21E-07	-1.38E-02	-1.93E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	7.04E-01	0.00E+00	9.67E-09	-2.23E-08	-1.81E-03	0.00E+00	-4.55E-01	0.00E+00	7.04E-01	-3.72E-05	7.04E-01	9.57E-03	-4.55E-01	0.00E+00	0.00E+00	0.00E+00	-8.49E+01
MCN304P	-1.45E-02	-5.80E-01	-7.51E-03	-4.80E-01	0.00E+00	0.00E+00	-3.29E+00	-1.41E-03	-7.59E-04	-1.07E-02	0.00E+00	0.00E+00	-4.11E-09	-1.53E-07	-2.36E-02	-4.86E+00	0.00E+00	0.00E+00	-4.35E+00	0.00E+00	-4.74E+00	0.00E+00	-2.24E-08	-5.34E-08	-3.30E-03	0.00E+00	-8.02E-01	0.00E+00	-4.74E+00	-4.13E-05	-4.74E+00	-6.63E+00	-8.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MCN306	1.41E-03	1.61E-01	8.60E-03	1.52E-01	0.00E+00	0.00E+00	2.31E+00	4.56E-06	6.49E-04	1.63E-03	0.00E+00	0.00E+00	3.83E-10	9.93E-09	1.32E-02	-2.24E-01	0.00E+00	0.00E+00	1.68E+00	0.00E+00	2.61E+00	0.00E+00	1.94E-08	8.93E-09	4.91E-04	0.00E+00	1.77E-01	0.00E+00	2.61E+00	5.77E-07	2.61E+00	2.78E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	6.04E+01
MCN306A	-4.24E-03	1.15E-01	3.79E-03	6.81E-02	0.00E+00	0.00E+00	2.35E-02	-4.34E-04	1.96E-04	-1.18E-03	0.00E+00	0.00E+00	-1.24E-09	-4.25E-08	4.43E-03	-9.70E-01	0.00E+00	0.00E+00	-6.21E-01	0.00E+00	2.27E-01	0.00E+00	6.54E-09	-6.36E-09	-7.87E-04	0.00E+00	-4.63E-02	0.00E+00	2.27E-01	-1.33E-05	2.27E-01	4.34E-01	-4.63E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MCN306E	1.94E-03	4.35E-01	1.04E-02	4.25E-01	0.00E+00	0.00E+00	2.46E+00	4.59E-06	8.28E-04	3.78E-03	0.00E+00	0.00E+00	4.27E-10	1.04E-08	1.62E-02	4.55E-01	0.00E+00	0.00E+00	1.83E+00	0.00E+00	3.34E+00	0.00E+00	2.70E-08	1.29E-08	9.79E-04	0.00E+00	3.01E-01	0.00E+00	3.34E+00	6.75E-07	3.34E+00	3.64E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MCN306P	-1.37E-02	-6.27E-01	-7.45E-03	-6.16E-01	0.00E+00	0.00E+00	-3.34E+00	-1.42E-03	-7.45E-04	-1.01E-02	0.00E+00	0.00E+00	-4.08E-09	-1.28E-07	-3.27E-02	-4.41E+00	0.00E+00	0.00E+00	-4.73E+00	0.00E+00	-5.21E+00	0.00E+00	-2.36E-08	-5.40E-08	-3.32E-03	0.00E+00	-9.15E-01	0.00E+00	-5.21E+00	-3.63E-05	-5.21E+00	-7.45E+00	-9.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MCN308	-4.70E-03	9.94E-02	4.08E-03	3.41E-02	0.00E+00	0.00E+00	-1.05E-01	-4.83E-04	2.35E-04	-1.51E-03	0.00E+00	0.00E+00	-1.61E-09	-4.32E-08	2.77E-03	-1.53E+00	0.00E+00	0.00E+00	-9.01E-01	0.00E+00	-1.60E-01	0.00E+00	4.44E-09	-1.12E-08	-9.80E-04	0.00E+00	-1.20E-01	0.00E+00	-1.60E-01	-1.66E-05	-1.60E-01	-3.36E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.20E+01
MCN310	8.70E-04	5.41E-02	5.58E-03	4.86E-02	0.00E+00	0.00E+00	1.46E+00	-1.30E-05	5.30E-04	6.24E-04	0.00E+00	0.00E+00	-1.76E-10	6.52E-09	8.23E-03	-7.96E-01	0.00E+00	0.00E+00	8.47E-01	0.00E+00	1.33E+00	0.00E+00	1.16E-08	2.02E-09	1.08E-04	0.00E+00	6.49E-03	0.00E+00	1.33E+00	-4.69E-07	1.33E+00	1.33E+00	6.49E-03	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MCN310A	-5.48E-03	2.27E-02	2.50E-03	1.15E-02	0.00E+00	0.00E+00	-5.75E-01	-4.79E-04	2.12E-04	-2.18E-03	0.00E+00	0.00E+00	-1.77E-09	-5.72E-08	6.57E-04	-1.30E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-3.58E-01	0.00E+00	2.04E-09	-1.54E-08	-1.14E-03	0.00E+00	-1.54E-01	0.00E+00	-3.58E-01	-1.52E-05	-3.58E-01	-3.29E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-5.90E+01
MCN310E	-2.80E-04	-1.64E-01	5.73E-04	-1.65E-01	0.00E+00	0.00E+00	2.54E-02	-6.10E-05	3.39E-04	-1.59E-03	0.00E+00	0.00E+00	-1.65E-09	-2.56E-10	-1.12E-02	-8.13E-01	0.00E+00	0.00E+00	-9.06E-01	0.00E+00	-1.34E+00	0.00E+00	-2.54E-09	-1.39E-08	-7.97E-04	0.00E+00	-2.23E-01	0.00E+00	-1.34E+00	-3.18E-06	-1.34E+00	-1.56E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
MCN310P	-1.28E-02	-4.52E-01	-6.74E-03	-5.20E-01	0.00E+00	0.00E+00	-2.81E+00	-1.17E-03	-6.37E-04	-9.74E-03	0.00E+00	0.00E+00	-3.77E-09	-1.39E-07	-2.24E-02	-4.00E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-3.95E+00	0.00E+00	-1.69E-08	-4.58E-08	-2.95E-03	0.00E+00	-7.70E-01	0.00E+00	-3.95E+00	-3.90E-05	-3.95E+00	-5.11E+00	-7.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MCN313	-5.05E-04	-2.60E-01	-4.42E-04	-2.60E-01	0.00E+00	0.00E+00	-4.26E-01	-9.05E-05	4.34E-04	-2.54E-03	0.00E+00	0.00E+00	-2.39E-09	-1.60E-09	-7.94E-04	-1.45E+00	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-2.27E+00	0.00E+00	-8.16E-09	-2.10E-08	-1.23E-03	0.00E+00	-2.91E-01	0.00E+00	-2.27E+00	-4.81E-06	-2.27E+00	-2.56E+00	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MCN313E	-5.19E-03	8.98E-02	2.92E-03	-2.30E-02	0.00E+00	0.00E+00	-4.01E-01	-4.67E-04	2.55E-04	-1.34E-03	0.00E+00	0.00E+00	-1.78E-09	-3.30E-08	-4.35E-04	-1.35E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-4.35E-01	0.00E+00	2.17E-09	-1.32E-08	-1.04E-03	0.00E+00	-1.69E-01	0.00E+00	-4.35E-01	-1.51E-05	-4.35E-01	-3.06E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MCN316	-1.01E-02	-6.26E-02	1.94E-03	-6.45E-02	0.00E+00	0.00E+00	-1.15E+00	-1.03E-03	-4.21E-04	-5.49E-03	0.00E+00	0.00E+00	-1.71E-09	-1.18E-07	6.02E-03	-2.42E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	1.65E-01	0.00E+00	5.14E-09	-2.00E-08	-1.68E-03	0.00E+00	-3.44E-01	0.00E+00	1.65E-01	-3.03E-05	1.65E-01	-1.80E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-7.47E+01

MCN316A	-3.83E-03	-9.68E-02	1.57E-03	-1.06E-01	0.00E+00	0.00E+00	-3.82E-01	-3.97E-04	2.57E-04	-2.71E-03	0.00E+00	0.00E+00	-1.55E-09	-4.34E-08	-5.72E-04	-1.25E+00	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-5.06E-01	0.00E+00	5.95E-10	-1.67E-08	-9.60E-04	0.00E+00	-2.15E-01	0.00E+00	-5.06E-01	-1.19E-05	-5.06E-01	-7.29E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.38E+01
MCN316E	-6.79E-03	2.23E-01	4.02E-03	2.19E-01	0.00E+00	0.00E+00	-4.89E-01	-7.55E-04	-1.25E-04	-1.85E-03	0.00E+00	0.00E+00	-1.10E-09	-8.49E-08	8.03E-03	-1.50E+00	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	1.03E+00	0.00E+00	1.25E-08	-1.02E-08	-7.39E-04	0.00E+00	-1.55E-01	0.00E+00	1.03E+00	-2.18E-05	1.03E+00	8.79E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
MCN316P	-8.06E-03	-3.93E-01	-5.47E-03	-4.46E-01	0.00E+00	0.00E+00	-2.67E+00	-6.62E-04	-5.73E-04	-6.52E-03	0.00E+00	0.00E+00	-3.18E-09	-9.59E-08	-1.69E-02	-4.06E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-3.52E+00	0.00E+00	-1.43E-08	-3.57E-08	-2.16E-03	0.00E+00	-7.74E-01	0.00E+00	-3.52E+00	-2.90E-05	-3.52E+00	-4.34E+00	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MCN320	5.45E-04	7.47E-02	2.76E-03	7.19E-02	0.00E+00	0.00E+00	2.61E-01	-7.14E-05	8.31E-04	2.51E-04	0.00E+00	0.00E+00	-2.08E-09	2.80E-09	4.77E-03	-6.15E-01	0.00E+00	0.00E+00	-9.09E-01	0.00E+00	-7.00E-01	0.00E+00	4.53E-09	-1.20E-08	-4.41E-04	0.00E+00	-1.22E-01	0.00E+00	-7.00E-01	-4.10E-06	-7.00E-01	-8.21E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MCN320A	-5.77E-03	-1.34E-01	1.23E-03	-1.47E-01	0.00E+00	0.00E+00	-6.69E-01	-6.11E-04	3.78E-04	-4.71E-03	0.00E+00	0.00E+00	-1.70E-09	-4.64E-08	-1.47E-02	-1.34E+00	0.00E+00	0.00E+00	-1.60E+00	0.00E+00	-8.14E-01	0.00E+00	3.39E-10	-2.21E-08	-1.24E-03	0.00E+00	-2.75E-01	0.00E+00	-8.14E-01	-1.08E-05	-8.14E-01	-1.08E+00	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.86E+01
MCN320E	1.70E-03	3.02E-01	8.98E-03	2.93E-01	0.00E+00	0.00E+00	2.05E+00	-1.47E-05	1.03E-03	2.61E-03	0.00E+00	0.00E+00	-7.91E-11	1.08E-08	-1.48E-02	-3.71E-01	0.00E+00	0.00E+00	9.47E-01	0.00E+00	2.00E+00	0.00E+00	2.15E-08	4.81E-09	5.59E-04	0.00E+00	-3.10E-02	0.00E+00	2.00E+00	-4.18E-07	2.00E+00	1.97E+00	-3.10E-02	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MCN320P	-2.13E-02	-6.57E-01	-8.15E-03	-6.45E-01	0.00E+00	0.00E+00	-4.98E+00	-1.87E-03	-1.12E-03	-1.31E-02	0.00E+00	0.00E+00	-4.51E-09	-2.28E-07	-3.39E-02	-1.50E+01	0.00E+00	0.00E+00	-5.45E+00	0.00E+00	-5.30E+00	0.00E+00	-2.47E-08	-6.18E-08	-4.31E-03	0.00E+00	-1.41E+00	0.00E+00	-5.30E+00	-5.49E-05	-5.30E+00	-7.89E+00	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
MCN325	4.50E-04	3.80E-03	2.30E-03	1.50E-03	0.00E+00	0.00E+00	-5.55E-02	-9.05E-05	1.05E-03	-4.95E-04	0.00E+00	0.00E+00	-2.34E-09	3.45E-09	-2.53E-02	-1.19E-01	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.75E+00	0.00E+00	8.45E-10	-1.79E-08	-7.48E-04	0.00E+00	-2.22E-01	0.00E+00	-1.75E+00	-4.74E-06	-1.75E+00	-1.98E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-5.87E+01
MCN325A	-9.49E-03	-1.74E-02	2.49E-03	-6.01E-02	0.00E+00	0.00E+00	-1.17E+00	-6.93E-04	6.20E-04	-3.64E-03	0.00E+00	0.00E+00	-2.18E-09	-6.88E-08	-1.91E-02	-1.25E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-5.67E-01	0.00E+00	2.38E-09	-2.52E-08	-1.37E-03	0.00E+00	-2.10E-01	0.00E+00	-5.67E-01	-1.08E-05	-5.67E-01	-7.29E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-6.54E+01
MCN325E	-1.87E-02	-3.97E-01	-5.73E-03	-3.91E-01	0.00E+00	0.00E+00	-4.59E+00	-1.80E-03	-9.79E-04	-1.23E-02	0.00E+00	0.00E+00	-4.32E-09	-2.08E-07	-3.27E-02	-3.09E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-3.85E+00	0.00E+00	-1.55E-08	-5.34E-08	-3.95E-03	0.00E+00	-8.46E-01	0.00E+00	-3.85E+00	-5.39E-05	-3.85E+00	-4.70E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
MCN325P	-2.32E-02	-6.64E-01	-8.61E-03	-6.63E-01	0.00E+00	0.00E+00	-5.41E+00	-2.12E-03	-1.19E-03	-1.46E-02	0.00E+00	0.00E+00	-4.65E-09	-2.68E-07	-3.41E-02	-1.62E+01	0.00E+00	0.00E+00	-5.69E+00	0.00E+00	-5.36E+00	0.00E+00	-2.51E-08	-6.98E-08	-4.80E-03	0.00E+00	-1.48E+00	0.00E+00	-5.36E+00	-5.82E-05	-5.36E+00	-8.02E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+02
MCN332	-2.49E-03	-1.95E-01	2.97E-03	-1.98E-01	0.00E+00	0.00E+00	-6.17E-01	-4.96E-04	1.81E-03	-3.92E-03	0.00E+00	0.00E+00	-2.53E-09	-3.42E-08	1.93E-03	-1.57E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.39E+00	0.00E+00	-1.72E-09	-2.10E-08	-1.41E-03	0.00E+00	-2.79E-01	0.00E+00	-1.39E+00	-1.97E-05	-1.39E+00	-1.67E+00	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
MCN332A	-1.81E-02	-1.64E-01	-3.10E-03	-1.24E-01	0.00E+00	0.00E+00	-3.29E+00	-1.95E-03	-2.62E-04	-1.24E-02	0.00E+00	0.00E+00	-3.32E-09	-2.80E-07	-6.90E-03	-3.33E+00	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-2.26E+00	0.00E+00	-3.93E-09	-5.15E-08	-3.75E-03	0.00E+00	-5.90E-01	0.00E+00	-2.26E+00	-8.46E-05	-2.26E+00	-3.09E+00	-5.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MCN332E	-2.35E-03	-1.78E-01	4.13E-03	-1.82E-01	0.00E+00	0.00E+00	-4.68E-01	-4.95E-04	1.83E-03	-3.72E-03	0.00E+00	0.00E+00	-2.17E-09	-3.35E-08	2.57E-03	-1.88E+00	0.00E+00	0.00E+00	-8.84E-01	0.00E+00	-1.14E+00	0.00E+00	-7.44E-10	-1.94E-08	-1.34E-03	0.00E+00	-2.68E-01	0.00E+00	-1.14E+00	-1.91E-05	-1.14E+00	-1.41E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MCN332P	-2.99E-02	-6.62E-01	-8.98E-03	-6.57E-01	0.00E+00	0.00E+00	-6.72E+00	-2.69E-03	-1.44E-03	-1.83E-02	0.00E+00	0.00E+00	-5.49E-09	-3.58E-07	-3.16E-02	-1.59E+01	0.00E+00	0.00E+00	-6.59E+00	0.00E+00	-5.26E+00	0.00E+00	-2.38E-08	-8.30E-08	-5.95E-03	0.00E+00	-1.47E+00	0.00E+00	-5.26E+00	-8.59E-05	-5.26E+00	-8.01E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
MCN340	-1.36E-03	2.47E-01	7.28E-03	2.40E-01	0.00E+00	0.00E+00	1.70E-01	-4.76E-04	2.12E-03	-2.83E-04	0.00E+00	0.00E+00	-1.92E-09	-3.08E-08	8.88E-03	-3.32E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	6.13E-01	0.00E+00	1.41E-08	-9.33E-09	-4.17E-04	0.00E+00	-2.94E-03	0.00E+00	6.13E-01	-1.84E-05	6.13E-01	6.10E-01	-2.94E-03	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
MCN340A	-2.00E-02	-8.77E-02	-3.53E-04	-2.94E-01	0.00E+00	0.00E+00	-4.24E+00	-1.78E-03	-2.01E-04	-8.23E-03	0.00E+00	0.00E+00	-4.74E-09	-2.54E-07	-3.88E-03	-1.83E+00	0.00E+00	0.00E+00	-3.99E+00	0.00E+00	-1.73E+00	0.00E+00	-5.57E-09	-4.33E-08	-3.39E-03	0.00E+00	-4.81E-01	0.00E+00	-1.73E+00	-3.74E-05	-1.73E+00	-1.96E+00	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
MCN340E	4.53E-03	5.12E-01	1.54E-02	4.97E-01	0.00E+00	0.00E+00	3.13E+00	5.68E-06	2.81E-03	4.62E-03	0.00E+00	0.00E+00	6.03E-10	3.08E-08	-9.03E-03	2.84E-01	0.00E+00	0.00E+00	2.21E+00	0.00E+00	3.80E+00	0.00E+00	3.43E-08	1.61E-08	1.31E-03	0.00E+00	1.91E-01	0.00E+00	3.80E+00	6.81E-07	3.80E+00	3.99E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	8.18E+01
MCN340P	-3.30E-02	-6.29E-01	-9.00E-03	-6.40E-01	0.00E+00	0.00E+00	-7.65E+00	-3.20E-03	-1.55E-03	-2.12E-02	0.00E+00	0.00E+00	-5.88E-09	-3.71E-07	-3.40E-02	-1.63E+01	0.00E+00	0.00E+00	-6.92E+00	0.00E+00	-4.86E+00	0.00E+00	-2.36E-08	-8.72E-08	-6.09E-03	0.00E+00	-1.57E+00	0.00E+00	-4.86E+00	-9.88E-05	-4.86E+00	-7.36E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.95E+02
MCN350	5.61E-03	5.65E-01	1.81E-02	5.47E-01	0.00E+00	0.00E+00	3.56E+00	6.39E-06	3.46E-03	5.15E-03	0.00E+00	0.00E+00	6.77E-10	3.77E-08	2.12E-02	1.94E-02	0.00E+00	0.00E+00	3.05E+00	0.00E+00	4.62E+00	0.00E+00	3.74E-08	2.02E-08	1.50E-03	0.00E+00	3.65E-01	0.00E+00	4.62E+00	6.85E-07	4.62E+00	4.98E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+02
MCN350A	-4.01E-02	-2.34E-01	-5.78E-03	-2.72E-01	0.00E+00	0.00E+00	-6.76E+00	-3.91E-03	-9.92E-04	-2.01E-02	0.00E+00	0.00E+00	-5.93E-09	-4.48E-07	-4.39E-03	-3.80E+00	0.00E+00	0.00E+00	-5.90E+00	0.00E+00	-2.57E+00	0.00E+00	-1.82E-08	-8.46E-08	-6.04E-03	0.00E+00	-7.72E-01	0.00E+00	-2.57E+00	-1.14E-04	-2.57E+00	-3.59E+00	-7.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+02
MCN350E	-4.78E-02	-3.81E-01	-7.87E-03	-3.73E-01	0.00E+00	0.00E+00	-1.09E+01	-4.78E-03	-2.12E-03	-2.71E-02	0.00E+00	0.00E+00	-6.72E-09	-5.56E-07	-4.51E-03	-5.09E+00	0.00E+00	0.00E+00	-9.31E+00	0.00E+00	-3.56E+00	0.00E+00	-1.51E-08	-9.30E-08	-7.87E-03	0.00E+00	-1.06E+00	0.00E+00	-3.56E+00	-1.39E-04	-3.56E+00	-4.63E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-4.03E+02
MCN350P	-3.66E-02	-2.44E-01	-6.13E-03	-1.69E-01	0.00E+00	0.00E+00	-6.49E+00	-2.99E-03	-1.55E-03	-2.18E-02	0.00E+00	0.00E+00	-5.71E-09	-3.89E-07	-1.42E-02	-3.19E+00	0.00E+00	0.00E+00	-5.78E+00	0.00E+00	-1.72E+00	0.00E+00	6.54E-10	-7.07E-08	-4.37E-03	0.00E+00	-7.84E-01	0.00E+00	-1.72E+00	-1.17E-04	-1.72E+00	-2.50E+00	-7.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
MCN363	-4.92E-02	-5.34E-01	-1.09E-02	-5.23E-01	0.00E+00	0.00E+00	-1.17E+01	-4.86E-03	-2.26E-03	-2.88E-02	0.00E+00	0.00E+00	-7.57E-09	-5.66E-07	-3.69E-02	-5.82E+00	0.00E+00	0.00E+00	-1.07E+01	0.00E+00	-5.35E+00	0.00E+00	-2.33E-08	-1.04E-07	-8.49E-03	0.00E+00	-1.43E+00	0.00E+00	-5.35E+00	-1.42E-04	-5.35E+00	-6.78E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-4.58E+02
MCN363A	-4.44E-02	-2.79E-01	-7.13E-03	-3.62E-01	0.00E+00	0.00E+00	-9.66E+00	-4.52E-03	-1.52E-03	-2.79E-02	0.00E+00	0.00E+00	-6.40E-09	-5.54E-07	-5.90E-03	-5.20E+00	0.00E+00	0.00E+00	-8.25E+00	0.00E+00	-4.17E+00	0.00E+00	-1.89E-08	-9.32E-08	-6.64E-03	0.00E+00	-1.16E+00	0.00E+00	-4.17E+00	-1.33E-04	-4.17E+00	-5.46E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-3.59E+02
MCN363E	-4.84E-02	-3.98E-01	-8.27E-03	-3.90E-01	0.00E+00	0.00E+00	-1.11E+01	-4.84E-03	-2.15E-03	-2.75E-02	0.00E+00	0.00E+00	-6.87E-09	-5.63E-07	-4.92E-03	-5.44E+00	0.00E+00	0.00E+00	-9.55E+00	0.00E+00	-3.72E+00	0.00E+00	-1.60E-08	-9.48E-08	-8.00E-03	0.00E+00	-1.13E+00	0.00E+00	-3.72E+00	-1.41E-04	-3.72E+00	-4.85E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-4.13E+02
MCN363P	-3.62E-02	-2.05E-01	-5.65E-03	-1.84E-01	0.00E+00	0.00E+00	-8.02E+00	-3.33E-03	-1.48E-03	-2.19E-02	0.00E+00	0.00E+00	-5.71E-09	-4.35E-07	-1.37E-02	-3.11E+00	0.00E+00	0.00E+00	-6.92E+00	0.00E+00	-1.61E+00	0.00E+00	3.03E-10	-7.12E-08	-5.49E-03	0.00E+00	-7.26E-01	0.00E+00	-1.61E+00	-1.14E-04	-1.61E+00	-2.53E+00	-7.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
MCN400	-1.79E-02	-5.29E-02	3.83E-04	-4.15E-02	0.00E+00	0.00E+00	-5.01E+00	-1.89E-03	8.18E-04	-5.56E-03	0.00E+00	0.00E+00	-3.11E-09	-1.54E-07	-8.85E-03	-2.61E+00	0.00E+00	0.00E+00	-4.36E+00	0.00E+00	-6.97E-01	0.00E+00	5.02E-09	-3.13E-08	-2.80E-03	0.00E+00	-7.82E-01	0.00E+00	-6.97E-01	-3.94E-05	-6.97E-01	-1.16E+00	-7.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MCN400E	-9.24E-03	-9.19E-02	1.48E-03	-2.78E-02	0.00E+00	0.00E+00	-1.23E+00	-1.01E-03	4.43E-05	-5.58E-03	0.00E+00	0.00E+00	-2.10E-09	-8.80E-08	-1.41E-02	-1.99E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-3.72E-01	0.00E+00	9.17E-09	-2.32E-08	-1.89E-03	0.00E+00	-4.41E-01	0.00E+00	-3.72E-01	-2.87E-05	-3.72E-01	-5.82E-01	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
MCN401	-1.78E-02	-1.19E-01	-4.73E-04	-8.11E-02	0.00E+00	0.00E+00	-5.48E+00	-1.89E-03	8.10E-04	-7.11E-03	0.00E+00	0.00E+00	-3.70E-09	-1.53E-07	-1.02E-02	-3.27E+00	0.00E+00	0.00E+00	-5.09E+00	0.00E+00	-1.25E+00	0.00E+00	4.64E-09	-3.16E-08	-2.83E-03	0.00E+00	-7.95E-01	0.00E+00	-1.25E+00	-3.98E-05	-1.25E+00	-1.85E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
MCN401E	-1.82E-02	-1.08E-01	-2.03E-04	-7.29E-02	0.00E+00	0.00E+00	-5.19E+00	-1.91E-03	8.07E-04	-7.55E-03	0.00E+00	0.00E+00	-3.29E-09	-1.54E-07	-9.02E-03	-3.33E+00	0.00E+00	0.00E+00	-4.55E+00	0.00E+00	-7.61E-01	0.00E+00	4.67E-09	-3.24E-08	-2.81E-03	0.00E+00	-8.28E-01	0.00E+00	-7.61E-01	-3.98E-05	-7.61E-01	-1.28E+00	-8.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+02
MCN402	-1.57E-02	-1.30E-01	4.09E-04	-8.90E-02	0.00E+00	0.00E+00	-4.97E+00	-1.83E-03	8.01E-04	-5.79E-03	0.00E+00	0.00E+00	-3.14E-09	-1.32E-07	-8.01E-03	-2.59E+00	0.00E+00	0.00E+00	-4.27E+00	0.00E+00	-1.29E+00	0.00E+00	4.94E-09	-2.94E-08	-2.78E-03	0.00E+00	-8.18E-01	0.00E+00	-1.29E+00	-3.62E-05	-1.29E+00	-1.76E+00	-8.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MCN402E	-1.58E-02	-1.46E-01	1.52E-04	-9.40E-02	0.00E+00	0.00E+00	-5.16E+00	-1.85E-03	7.98E-04	-7.63E-03	0.00E+00	0.00E+00	-3.25E-09	-1.38E-07	-8.35E-03	-3.28E+00	0.00E+00	0.00E+00	-4.45E+00	0.00E+00	-1.23E+00	0.00E+00	4.94E-09	-3.05E-08	-2.77E-03	0.00E+00	-8.49E-01	0.00E+00	-1.23E+00	-3.62E-05	-1.23E+00	-1.84E+00	-8.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+02
MCN402P	-2.68E-02	-5.55E-01	-7.38E-03	-4.66E-01	0.00E+00	0.00E+00	-6.37E+00	-2.73E-03	-1.72E-03	-1.63E-02	0.00E+00	0.00E+00	-4.90E-09	-2.24E-07	-2.27E-02	-5.19E+00	0.00E+00	0.00E+00	-6.82E+00	0.00E+00	-4.74E+00	0.00E+00	-2.26E-08	-6.93E-08	-5.06E-03	0.00E+00	-9.29E-01	0.00E+00	-4.74E+00	-5.36E-05	-4.74E+00	-6.78E+00	-9.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+02
MCN403	-1.14E-02	-2.18E-01	-1.40E-03	-1.40E-01	0.00E+00	0.00E+00	-2.49E+00	-1.19E-03	-3.95E-04	-6.42E-03	0.00E+00	0.00E+00	-3.14E-09	-1.13E-07	-8.55E-03	-2.27E+00	0.00E+00	0.00E+00	-3.19E+00	0.00E+00	-1.28E+00	0.00E+00	4.13E-09	-3.51E-08	-2.98E-03	0.00E+00	-5.33E-01	0.00E+00	-1.28E+00	-3.36E-05	-1.28E+00	-1.44E+00	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
MCN403E	-2.41E-02	-2.31E-01	-9.73E-04	-1.59E-01	0.00E+00	0.00E+00	-6.81E+00	-3.05E-03	-1.95E-03	-1.42E-02	0.00E+00	0.00E+00	-4.58E-09	-2.60E-07	-1.18E-02	-5.79E+00	0.00E+00	0.00E+00	-7.29E+00	0.00E+00	-2.07E+00	0.00E+00	5.25E-09	-6.73E-08	-4.82E-03	0.00E+00	-1.13E+00	0.00E+00	-2.07E+00	-4.86E-05	-2.07E+00	-3.08E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
MCN404	-1.69E-02	-1.03E-01	-2.86E-04	-1.11E-01	0.00E+00	0.00E+00	-5.02E+00	-1.67E-03	6.41E-04	-6.41E-03	0.00E+00	0.00E+00	-3.46E-09	-1.63E-07	-8.42E-03	-2.53E+00	0.00E+00	0.00E+00	-4.41E+00	0.00E+00	-1.19E+00	0.00E+00	2.81E-09	-3.56E-08	-2.88E-03	0.00E+00	-7.95E-01	0.00E+00	-1.19E+00	-3.73E-05	-1.19E+00	-1.68E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
MCN404E	-1.71E-02	-1.07E-01	-7.27E-04	-1.15E-01	0.00E+00	0.00E+00	-5.20E+00	-1.72E-03	8.35E-04	-8.68E-03	0.00E+00	0.00E+00	-3.59E-09	-1.63E-07	-7.89E-03	-3.32E+00	0.00E+00	0.00E+00	-4.60E+00	0.00E+00	-1.08E+00	0.00E+00	3.03E-09	-3.67E-08	-2.85E-03	0.00E+00	-8.39E-01	0.00E+00	-1.08E+00	-3.76E-05	-1.08E+00	-1.63E+00	-8.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MCN406	-9.39E-03	-1.01E-01	5.07E-03	-1.58E-02	0.00E+00	0.00E+00	-3.48E-01	-9.11E-04	-5.79E-05	-4.18E-03	0.00E+00	0.00E+00	-1.15E-09	-7.26E-08	1.86E-03	-1.63E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-7.17E-01	0.00E+00	1.00E-08	-1.13E-08	-1.39E-03	0.00E+00	-1.88E-01	0.00E+00	-7.17E-01	-2.22E-05	-7.17E-01	-7.26E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MCN406A	-9.77E-03	-8.52E-02	3.01E-03	3.18E-02	0.00E+00	0.00E+00	-8.94E-01	-1.15E-03	-2.21E-05	-4.11E-03	0.00E+00	0.00E+00	-1.97E-09	-5.42E-08	3.42E-03	-1.42E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-1.14E+00	0.00E+00	7.25E-09	-1.50E-08	-1.24E-03	0.00E+00	-1.12E-01	0.00E+00	-1.14E+00	-2.17E-05	-1.14E+00	-1.11E+00	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
MCN406P	-1.76E-02	-6.00E-01	-7.33E-03	-6.05E-01	0.00E+00	0.00E+00	-4.96E+00	-1.76E-03	-5.25E-04	-1.21E-02	0.00E+00	0.00E+00	-4.12E-09	-1.47E-07	-2.80E-02	-4.48E+00	0.00E+00	0.00E+00	-5.64E+00	0.00E+00	-4.98E+00	0.00E+00	-2.33E-08	-5.49E-08	-3.41E-03	0.00E+00	-9.14E-01	0.00E+00	-4.98E+00	-4.08E-05	-4.98E+00	-7.18E+00	-9.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
MCN410	-9.03E-03	-8.84E-02	3.40E-03	-8.75E-02	0.00E+00	0.00E+00	-5.51E-01	-8.13E-04	2.20E-04	-2.16E-03	0.00E+00	0.00E+00	-2.02E-09	-5.22E-08	-8.00E-04	-1.35E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-1.12E+00	0.00E+00	5.61E-09	-1.76E-08	-1.20E-03	0.00E+00	-2.75E-01	0.00E+00	-1.12E+00	-2.09E-05	-1.12E+00	-1.19E+00	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.09E+01
MCN410A	-9.60E-03	-9.85E-02	2.18E-03	-5.26E-02	0.00E+00	0.00E+00	-1.28E+00	-1.19E-03	1.37E-04	-4.41E-03	0.00E+00	0.00E+00	-2.75E-09	-5.47E-08	1.10E-04	-1.27E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	-1.39E+00	0.00E+00	1.61E-09	-2.57E-08	-1.79E-03	0.00E+00	-2.52E-01	0.00E+00	-1.39E+00	-2.62E-05	-1.39E+00	-1.54E+00	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-9.14E+01
MCN410E	-9.61E-03	-7.24E-02	3.94E-03	-7.08E-02	0.00E+00	0.00E+00	-6.05E-01	-8.44E-04	2.11E-04	-2.87E-03	0.00E+00	0.00E+00	-1.88E-09	-6.87E-08	-9.26E-04	-1.48E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-9.21E-01	0.00E+00	7.76E-09	-1.95E-08	-1.12E-03	0.00E+00	-2.55E-01	0.00E+00	-9.21E-01	-2.19E-05	-9.21E-01	-1.29E+00	-2.55E-01	0.00E+00	0.00E+00	0.00E+00	-6.32E+01
MCN410P	-1.31E-02	-4.49E-01	-6.75E-03	-5.30E-01	0.00E+00	0.00E+00	-3.02E+00	-1.18E-03	-5.86E-04	-1.02E-02	0.00E+00	0.00E+00	-3.72E-09	-1.31E-07	-2.40E-02	-4.14E+00	0.00E+00	0.00E+00	-4.03E+00	0.00E+00	-3.98E+00	0.00E+00	-1.70E-08	-4.49E-08	-2.93E-03	0.00E+00	-7.91E-01	0.00E+00	-3.98E+00	-4.07E-05	-3.98E+00	-5.34E+00	-7.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
MCN413	-7.63E-03	-6.31E-02	3.84E-03	-8.05E-02	0.00E+00	0.00E+00	-5.33E-03	-6.89E-04	2.90E-04	-2.62E-03	0.00E+00	0.00E+00	-1.80E-09	-5.25E-08	-1.32E-05	-1.39E+00	0.00E+00	0.00E+00	-9.53E-01	0.00E+00	-6.45E-01	0.00E+00	8.48E-09	-1.59E-08	-9.18E-04	0.00E+00	-2.69E-01	0.00E+00	-6.45E-01	-2.02E-05	-6.45E-01	-6.56E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.60E+01
MCN413E	-7.70E-03	-6.67E-02	3.77E-03	-8.06E-02	0.00E+00	0.00E+00	-6.43E-02	-6.33E-04	2.71E-04	-2.42E-03	0.00E+00	0.00E+00	-1.81E-09	-5.37E-08	-1.22E-04	-1.40E+00	0.00E+00	0.00E+00	-9.94E-01	0.00E+00	-6.20E-01	0.00E+00	8.37E-09	-1.63E-08	-9.12E-04	0.00E+00	-2.63E-01	0.00E+00	-6.20E-01	-2.00E-05	-6.20E-01	-6.50E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-4.61E+01
MCN416	-5.62E-03	-9.86E-02	3.84E-03	-9.35E-02	0.00E+00	0.00E+00	6.62E-01	-4.46E-04	3.91E-04	-1.84E-03	0.00E+00	0.00E+00	-1.37E-09	-1.91E-08	-4.85E-03	-1.59E+00	0.00E+00	0.00E+00	-7.37E-01	0.00E+00	-1.44E-01	0.00E+00	8.16E-09	-1.25E-08	-1.23E-03	0.00E+00	-2.87E-01	0.00E+00	-1.44E-01	-1.56E-05	-1.44E-01	-3.30E-01	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
MCN416A	-1.14E-02	-5.66E-02	3.26E-03	-2.30E-02	0.00E+00	0.00E+00	-4.68E-01	-1.48E-03	2.26E-04	-2.63E-03	0.00E+00	0.00E+00	-2.24E-09	-9.28E-08	1.78E-03	-1.48E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	-3.73E-01	0.00E+00	5.58E-09	-1.61E-08	-1.56E-03	0.00E+00	-2.31E-01	0.00E+00	-3.73E-01	-2.97E-05	-3.73E-01	-4.12E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
MCN416E	1.14E-03	2.46E-02	7.85E-03	1.68E-02	0.00E+00	0.00E+00	2.27E+00	-2.07E-05	9.05E-04	4.37E-04	0.00E+00	0.00E+00	-5.33E-10	1.07E-08	-2.40E-02	-1.12E+00	0.00E+00	0.00E+00	3.62E-01	0.00E+00	1.36E+00	0.00E+00	1.70E-08	-9.09E-10	1.37E-05	0.00E+00	-2.28E-01	0.00E+00	1.36E+00	-1.24E-06	1.36E+00	1.14E+00	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	7.96E+00
MCN416P	-1.67E-02	-4.50E-01	-7.26E-03	-5.32E-01	0.00E+00	0.00E+00	-3.50E+00	-1.44E-03	-7.97E-04	-1.00E-02	0.00E+00	0.00E+00	-3.92E-09	-1.94E-07	-2.50E-02	-4.03E+00	0.00E+00	0.00E+00	-3.95E+00	0.00E+00	-4.06E+00	0.00E+00	-1.70E-08	-4.77E-08	-3.56E-03	0.00E+00	-7.79E-01	0.00E+00	-4.06E+00	-5.30E-05	-4.06E+00	-5.62E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
MCN420	-8.73E-03	-2.04E-02	2.99E-03	8.84E-02	0.00E+00	0.00E+00	8.00E-01	-4.92E-04	7.83E-04	-3.86E-03	0.00E+00	0.00E+00	-1.40E-09	-7.44E-08	5.61E-03	-1.88E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	7.05E-01	0.00E+00	1.42E-08	-1.52E-08	-5.44E-04	0.00E+00	-3.25E-01	0.00E+00	7.05E-01	-2.77E-05	7.05E-01	6.67E-01	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
MCN420A	-1.32E-02	-5.71E-02	2.54E-03	9.46E-02	0.00E+00	0.00E+00	-3.53E-01	-1.57E-03	3.11E-04	-4.53E-03	0.00E+00	0.00E+00	-2.28E-09	-1.27E-07	3.00E-03	-1.91E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	1.70E-01	0.00E+00	1.18E-08	-1.74E-08	-1.60E-03	0.00E+00	-2.75E-01	0.00E+00	1.70E-01	-3.13E-05	1.70E-01	1.94E-02	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-5.98E+01
MCN420E	3.06E-03	5.71E-01	1.42E-02	5.56E-01	0.00E+00	0.00E+00	3.40E+00	5.77E-06	1.51E-03	4.99E-03	0.00E+00	0.00E+00	2.70E-10	1.78E-08	2.23E-02	7.07E-01	0.00E+00	0.00E+00	2.12E+00	0.00E+00	4.55E+00	0.00E+00	3.76E-08	1.72E-08	1.31E-03	0.00E+00	3.90E-01	0.00E+00	4.55E+00	3.57E-07	4.55E+00	4.94E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MCN420P	-2.83E-02	-6.41E-01	-8.45E-03	-6.49E-01	0.00E+00	0.00E+00	-6.43E+00	-2.49E-03	3.68E-04	-1.98E-02	0.00E+00	0.00E+00	-4.56E-09	-2.61E-07	-3.16E-02	-1.49E+01	0.00E+00	0.00E+00	-6.32E+00	0.00E+00	-5.17E+00	0.00E+00	-2.49E-08	-7.29E-08	-4.86E-03	0.00E+00	-1.45E+00	0.00E+00	-5.17E+00	-5.95E-05	-5.17E+00	-7.74E+00	-1.45E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MCN425	-1.31E-02	-1.72E-02	3.12E-03	-3.97E-03	0.00E+00	0.00E+00	-1.40E+00	-1.07E-03	-3.53E-04	-5.47E-03	0.00E+00	0.00E+00	-3.79E-09	-1.22E-07	5.62E-03	-2.09E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	7.12E-01	0.00E+00	7.72E-09	-1.83E-08	-1.84E-03	0.00E+00	-2.62E-01	0.00E+00	7.12E-01	-3.47E-05	7.12E-01	4.98E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
MCN425A	-1.38E-02	1.67E-02	4.03E-04	4.97E-02	0.00E+00	0.00E+00	-3.23E+00	-1.73E-03	-1.37E-04	-7.09E-03	0.00E+00	0.00E+00	-4.35E-09	-2.16E-07	-1.52E-02	-1.86E+00	0.00E+00	0.00E+00	-3.69E+00	0.00E+00	-1.15E+00	0.00E+00	7.60E-09	-3.12E-08	-3.84E-03	0.00E+00	-4.85E-01	0.00E+00	-1.15E+00	-4.11E-05	-1.15E+00	-1.35E+00	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MCN425E	2.39E-03	1.04E-01	1.14E-02	9.28E-02	0.00E+00	0.00E+00	2.74E+00	-1.94E-05	1.57E-03	1.21E-03	0.00E+00	0.00E+00	-1.20E-10	1.84E-08	1.52E-02	-1.25E+00	0.00E+00	0.00E+00	1.84E+00	0.00E+00	2.46E+00	0.00E+00	2.07E-08	5.24E-09	2.83E-04	0.00E+00	6.20E-02	0.00E+00	2.46E+00	-7.31E-07	2.46E+00	2.52E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MCN425P	-3.15E-02	-6.43E-01	-8.66E-03	-6.48E-01	0.00E+00	0.00E+00	-5.78E+00	-2.88E-03	4.95E-04	-2.02E-02	0.00E+00	0.00E+00	-5.19E-09	-3.25E-07	-3.19E-02	-1.55E+01	0.00E+00	0.00E+00	-6.30E+00	0.00E+00	-5.12E+00	0.00E+00	-2.50E-08	-7.82E-08	-5.28E-03	0.00E+00	-1.47E+00	0.00E+00	-5.12E+00	-7.81E-05	-5.12E+00	-7.75E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
MCN432	-2.63E-02	-3.22E-02	1.48E-03	-4.31E-02	0.00E+00	0.00E+00	-5.26E+00	-2.79E-03	1.43E-03	-1.73E-02	0.00E+00	0.00E+00	-3.56E-09	-2.29E-07	-4.30E-03	-2.84E+00	0.00E+00	0.00E+00	-5.06E+00	0.00E+00	-1.43E+00	0.00E+00	9.68E-09	-4.60E-08	-2.80E-03	0.00E+00	-8.45E-01	0.00E+00	-1.43E+00	-7.55E-05	-1.43E+00	-1.57E+00	-8.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MCN432A	-1.66E-02	-2.49E-02	1.52E-03	-3.47E-02	0.00E+00	0.00E+00	-4.63E+00	-1.16E-03	1.82E-03	-3.97E-03	0.00E+00	0.00E+00	-4.13E-09	-1.28E-07	-4.59E-03	-2.62E+00	0.00E+00	0.00E+00	-4.60E+00	0.00E+00	-1.70E+00	0.00E+00	6.24E-09	-2.81E-08	-2.33E-03	0.00E+00	-6.81E-01	0.00E+00	-1.70E+00	-4.04E-05	-1.70E+00	-2.64E+00	-6.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MCN432E	-5.25E-02	-7.52E-01	-1.53E-02	-7.36E-01	0.00E+00	0.00E+00	-1.33E+01	-5.13E-03	-2.53E-03	-3.21E-02	0.00E+00	0.00E+00	-9.20E-09	-5.99E-07	-5.11E-02	-6.81E+00	0.00E+00	0.00E+00	-1.26E+01	0.00E+00	-7.74E+00	0.00E+00	-3.53E-08	-1.23E-07	-9.69E-03	0.00E+00	-1.76E+00	0.00E+00	-7.74E+00	-1.55E-04	-7.74E+00	-9.50E+00	-1.76E+00	0.00E+00	0.00E+00	0.00E+00	-5.34E+02
MCN432P	-3.90E-02	-6.45E-01	-9.11E-03	-6.48E-01	0.00E+00	0.00E+00	-8.46E+00	-3.83E-03	-1.64E-03	-2.42E-02	0.00E+00	0.00E+00	-7.51E-09	-3.44E-07	-3.25E-02	-1.56E+01	0.00E+00	0.00E+00	-7.69E+00	0.00E+00	-5.35E+00	0.00E+00	-2.50E-08	-1.04E-07	-5.71E-03	0.00E+00	-1.56E+00	0.00E+00	-5.35E+00	-1.05E-04	-5.35E+00	-8.00E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-3.23E+02
MCN440	-2.41E-02	-6.26E-02	1.28E-03	-5.89E-02	0.00E+00	0.00E+00	-5.96E+00	-3.36E-03	6.29E-04	-2.27E-02	0.00E+00	0.00E+00	-3.88E-09	-5.10E-07	-2.48E-03	-3.60E+00	0.00E+00	0.00E+00	-5.27E+00	0.00E+00	-9.98E-01	0.00E+00	8.82E-09	-6.07E-08	-3.87E-03	0.00E+00	-9.41E-01	0.00E+00	-9.98E-01	-7.68E-05	-9.98E-01	-1.10E+00	-9.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
MCN440A	-2.42E-03	-8.69E-02	-1.17E-03	-2.81E-01	0.00E+00	0.00E+00	-3.38E+00	-1.29E-03	1.61E-03	-1.45E-02	0.00E+00	0.00E+00	-5.94E-09	-3.25E-07	-1.51E-03	-2.51E+00	0.00E+00	0.00E+00	-3.46E+00	0.00E+00	2.08E-01	0.00E+00	-6.42E-09	-4.04E-08	-3.83E-03	0.00E+00	-5.90E-01	0.00E+00	2.08E-01	-1.67E-05	2.08E-01	-3.66E-01	-5.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
MCN440E	-4.98E-02	-2.32E-01	-3.01E-03	-2.29E-01	0.00E+00	0.00E+00	-1.02E+01	-5.03E-03	-2.09E-03	-2.69E-02	0.00E+00	0.00E+00	-5.82E-09	-5.84E-07	2.42E-03	-5.83E+00	0.00E+00	0.00E+00	-7.99E+00	0.00E+00	-1.55E+00	0.00E+00	-3.10E-09	-8.62E-08	-7.66E-03	0.00E+00	-1.00E+00	0.00E+00	-1.55E+00	-1.49E-04	-1.55E+00	-2.55E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
MCN440P	-2.98E-02	-6.15E-01	-8.49E-03	-6.35E-01	0.00E+00	0.00E+00	-8.04E+00	-3.13E-03	3.19E-04	-2.30E-02	0.00E+00	0.00E+00	-6.85E-09	-3.85E-07	-3.22E-02	-1.62E+01	0.00E+00	0.00E+00	-7.27E+00	0.00E+00	-4.46E+00	0.00E+00	-1.78E-08	-8.78E-08	-5.76E-03	0.00E+00	-1.62E+00	0.00E+00	-4.46E+00	-7.91E-05	-4.46E+00	-6.91E+00	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCN450	-4.99E-02	-2.02E-01	-4.91E-03	-3.50E-01	0.00E+00	0.00E+00	-1.17E+01	-5.57E-03	-2.71E-03	-3.32E-02	0.00E+00	0.00E+00	-8.77E-09	-6.91E-07	-5.68E-03	-6.60E+00	0.00E+00	0.00E+00	-1.04E+01	0.00E+00	-3.93E+00	0.00E+00	-6.73E-09	-1.18E-07	-9.61E-03	0.00E+00	-1.40E+00	0.00E+00	-3.93E+00	-1.65E-04	-3.93E+00	-5.43E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-4.45E+02
MCN450A	-5.00E-02	-2.34E-01	-6.66E-03	-3.83E-01	0.00E+00	0.00E+00	-9.63E+00	-5.63E-03	-2.66E-03	-3.49E-02	0.00E+00	0.00E+00	-8.86E-09	-7.03E-07	-9.00E-03	-6.92E+00	0.00E+00	0.00E+00	-8.77E+00	0.00E+00	-4.16E+00	0.00E+00	-1.87E-08	-1.20E-07	-1.02E-02	0.00E+00	-1.42E+00	0.00E+00	-4.16E+00	-1.73E-04	-4.16E+00	-5.23E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-3.78E+02
MCN450E	-4.83E-02	-2.06E-01	-5.10E-03	-3.51E-01	0.00E+00	0.00E+00	-9.76E+00	-5.42E-03	-2.63E-03	-3.30E-02	0.00E+00	0.00E+00	-8.44E-09	-6.74E-07	-4.62E-03	-6.53E+00	0.00E+00	0.00E+00	-8.24E+00	0.00E+00	-3.35E+00	0.00E+00	-6.97E-09	-1.17E-07	-8.69E-03	0.00E+00	-1.40E+00	0.00E+00	-3.35E+00	-1.52E-04	-3.35E+00	-4.69E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-3.63E+02
MCN450P	-4.89E-02	-2.28E-01	-6.46E-03	-1.88E-01	0.00E+00	0.00E+00	-1.09E+01	-4.29E-03	-2.42E-03	-2.82E-02	0.00E+00	0.00E+00	-8.24E-09	-4.96E-07	-1.80E-02	-4.11E+00	0.00E+00	0.00E+00	-1.00E+01	0.00E+00	-2.32E+00	0.00E+00	-8.58E-09	-1.12E-07	-9.36E-03	0.00E+00	-1.05E+00	0.00E+00	-2.32E+00	-1.55E-04	-2.32E+00	-3.47E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.22E+02
MCN463	-4.20E-02	-1.90E-01	-4.65E-03	-3.76E-01	0.00E+00	0.00E+00	-9.29E+00	-5.45E-03	-2.42E-03	-3.26E-02	0.00E+00	0.00E+00	-8.40E-09	-6.88E-07	-9.17E-04	-6.38E+00	0.00E+00	0.00E+00	-8.09E+00	0.00E+00	-2.49E+00	0.00E+00	-7.30E-09	-1.17E-07	-8.94E-03	0.00E+00	-1.35E+00	0.00E+00	-2.49E+00	-1.38E-04	-2.49E+00	-3.74E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
MCN463A	-4.50E-02	-2.21E-01	-6.61E-03	-3.82E-01	0.00E+00	0.00E+00	-9.42E+00	-5.60E-03	-2.48E-03	-3.44E-02	0.00E+00	0.00E+00	-8.81E-09	-7.04E-07	-1.86E-03	-6.91E+00	0.00E+00	0.00E+00	-8.71E+00	0.00E+00	-3.54E+00	0.00E+00	-1.85E-08	-1.20E-07	-1.00E-02	0.00E+00	-1.37E+00	0.00E+00	-3.54E+00	-1.60E-04	-3.54E+00	-4.60E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.76E+02
MCN463E	-4.37E-02	-2.00E-01	-5.14E-03	-3.83E-01	0.00E+00	0.00E+00	-1.06E+01	-5.57E-03	-2.52E-03	-3.31E-02	0.00E+00	0.00E+00	-8.71E-09	-6.93E-07	-9.46E-04	-6.60E+00	0.00E+00	0.00E+00	-9.31E+00	0.00E+00	-2.89E+00	0.00E+00	-7.30E-09	-1.18E-07	-9.47E-03	0.00E+00	-1.37E+00	0.00E+00	-2.89E+00	-1.52E-04	-2.89E+00	-4.41E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.92E+02
MCN463P	-4.23E-02	-2.20E-01	-6.13E-03	-1.92E-01	0.00E+00	0.00E+00	-9.53E+00	-3.82E-03	-1.67E-03	-2.49E-02	0.00E+00	0.00E+00	-7.79E-09	-4.58E-07	-1.52E-02	-3.84E+00	0.00E+00	0.00E+00	-8.28E+00	0.00E+00	-1.34E+00	0.00E+00	-8.65E-09	-9.44E-08	-7.67E-03	0.00E+00	-8.49E-01	0.00E+00	-1.34E+00	-1.22E-04	-1.34E+00	-2.50E+00	-8.49E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E+02
MCN500	-5.22E-03	-2.41E-02	2.42E-03	2.35E-02	0.00E+00	0.00E+00	-9.09E-01	-6.10E-04	1.01E-04	-1.59E-03	0.00E+00	0.00E+00	-1.43E-09	-5.20E-08	-3.85E-03	-1.06E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	5.45E-01	0.00E+00	9.17E-09	-1.09E-08	-7.03E-04	0.00E+00	-1.72E-01	0.00E+00	5.45E-01	-2.05E-05	5.45E-01	-1.09E-02	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
MCN501	-5.21E-03	-1.99E-02	2.00E-03	-1.91E-02	0.00E+00	0.00E+00	-9.16E-01	-4.86E-04	2.44E-04	-2.47E-03	0.00E+00	0.00E+00	-1.51E-09	-6.21E-08	-8.89E-03	-1.36E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	3.76E-03	0.00E+00	3.61E-09	-1.44E-08	-7.84E-04	0.00E+00	-2.54E-01	0.00E+00	3.76E-03	-1.86E-05	3.76E-03	-3.16E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01
MCN502	-5.36E-03	-1.95E-02	2.19E-03	-1.72E-02	0.00E+00	0.00E+00	-8.21E-01	-5.00E-04	2.65E-04	-2.08E-03	0.00E+00	0.00E+00	-1.55E-09	-5.60E-08	-9.66E-03	-1.65E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-3.72E-02	0.00E+00	3.95E-09	-1.30E-08	-8.06E-04	0.00E+00	-3.40E-01	0.00E+00	-3.72E-02	-1.84E-05	-3.72E-02	-3.65E-01	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.94E+01
MCN503	-6.59E-03	-7.35E-03	2.40E-03	-5.28E-03	0.00E+00	0.00E+00	-6.29E-01	-6.43E-04	2.60E-04	-2.86E-03	0.00E+00	0.00E+00	-1.73E-09	-5.92E-08	-7.86E-03	-1.74E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	9.32E-02	0.00E+00	4.28E-09	-1.42E-08	-1.10E-03	0.00E+00	-3.31E-01	0.00E+00	9.32E-02	-2.10E-05	9.32E-02	-2.00E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-5.79E+01
MCN504	-7.69E-03	-3.76E-02	1.30E-03	-4.82E-02	0.00E+00	0.00E+00	-7.71E-01	-7.18E-04	2.46E-04	-3.80E-03	0.00E+00	0.00E+00	-1.74E-09	-8.40E-08	-9.54E-03	-1.76E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	4.92E-02	0.00E+00	2.68E-09	-1.80E-08	-1.17E-03	0.00E+00	-3.90E-01	0.00E+00	4.92E-02	-2.35E-05	4.92E-02	-2.48E-01	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-6.25E+01
MCN506	-2.08E-03	-1.37E-02	2.90E-03	1.33E-03	0.00E+00	0.00E+00	-2.28E-02	-1.69E-04	2.38E-04	-1.07E-03	0.00E+00	0.00E+00	-1.24E-09	-1.24E-08	-9.67E-03	-8.68E-01	0.00E+00	0.00E+00	-6.84E-01	0.00E+00	-3.96E-02	0.00E+00	2.26E-09	-9.83E-09	-6.08E-04	0.00E+00	-1.82E-01	0.00E+00	-3.96E-02	-7.14E-06	-3.96E-02	-3.11E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
MCN506E	-1.90E-03	-9.86E-03	2.77E-03	-1.80E-03	0.00E+00	0.00E+00	-6.61E-02	-1.64E-04	2.25E-04	-1.09E-03	0.00E+00	0.00E+00	-1.15E-09	-1.92E-08	-9.35E-03	-6.94E-01	0.00E+00	0.00E+00	-7.50E-01	0.00E+00	-2.38E-01	0.00E+00	2.06E-09	-1.01E-08	-5.50E-04	0.00E+00	-1.63E-01	0.00E+00	-2.38E-01	-6.71E-06	-2.38E-01	-4.85E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
MCN508E	-2.03E-03	5.47E-03	3.62E-03	1.63E-02	0.00E+00	0.00E+00	-3.65E-02	-2.20E-04	2.59E-04	-6.86E-04	0.00E+00	0.00E+00	-1.19E-09	-2.39E-08	-1.09E-02	-7.19E-01	0.00E+00	0.00E+00	-8.17E-01	0.00E+00	-1.81E-01	0.00E+00	3.22E-09	-9.14E-09	-6.24E-04	0.00E+00	-1.64E-01	0.00E+00	-1.81E-01	-7.64E-06	-1.81E-01	-4.59E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
MCN510	-3.26E-03	-1.43E-02	3.76E-03	-2.13E-02	0.00E+00	0.00E+00	-3.02E-01	-2.70E-04	2.81E-04	-1.22E-03	0.00E+00	0.00E+00	-1.57E-09	-4.81E-08	-1.31E-02	-9.27E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.06E-01	0.00E+00	1.69E-09	-9.19E-09	-8.18E-04	0.00E+00	-1.94E-01	0.00E+00	-2.06E-01	-9.55E-06	-2.06E-01	-4.35E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-4.28E+01
MCN510E	-6.18E-03	-7.87E-02	-2.40E-03	-7.63E-02	0.00E+00	0.00E+00	-1.81E+00	-5.97E-04	-3.02E-04	-3.77E-03	0.00E+00	0.00E+00	-2.43E-09	-6.86E-08	-1.98E-02	-7.26E-01	0.00E+00	0.00E+00	-2.53E+00	0.00E+00	-2.10E+00	0.00E+00	-5.34E-09	-2.47E-08	-1.53E-03	0.00E+00	-3.40E-01	0.00E+00	-2.10E+00	-1.88E-05	-2.10E+00	-2.44E+00	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02

MCN513	-2.81E-03	1.58E-02	2.59E-03	2.05E-02	0.00E+00	0.00E+00	1.39E-01	-4.23E-04	1.37E-04	-1.59E-03	0.00E+00	0.00E+00	-7.31E-10	-4.61E-08	-1.51E-03	-6.89E-01	0.00E+00	0.00E+00	-1.82E-01	0.00E+00	3.87E-01	0.00E+00	7.19E-09	-8.83E-09	-5.04E-04	0.00E+00	-1.48E-01	0.00E+00	3.87E-01	-9.80E-06	3.87E-01	2.84E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
MCN513E	-2.79E-03	2.74E-02	4.35E-03	3.83E-02	0.00E+00	0.00E+00	-3.28E-01	-2.26E-04	2.55E-04	-5.40E-04	0.00E+00	0.00E+00	-6.45E-10	-2.06E-08	-1.00E-02	-7.06E-01	0.00E+00	0.00E+00	-4.30E-01	0.00E+00	-6.43E-02	0.00E+00	4.00E-09	-4.57E-09	-6.71E-04	0.00E+00	-1.27E-01	0.00E+00	-6.43E-02	-8.87E-06	-6.43E-02	-1.92E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
MCN516	-1.67E-03	3.42E-02	3.81E-03	4.69E-02	0.00E+00	0.00E+00	2.77E-01	-2.05E-04	3.40E-04	-1.66E-04	0.00E+00	0.00E+00	-4.39E-10	-3.24E-10	-7.02E-03	-6.40E-01	0.00E+00	0.00E+00	-1.55E-01	0.00E+00	6.30E-02	0.00E+00	5.15E-09	-4.40E-09	-6.12E-04	0.00E+00	-8.36E-02	0.00E+00	6.30E-02	-6.95E-06	6.30E-02	-1.55E-02	-8.36E-02	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
MCN516E	1.14E-03	2.28E-01	5.94E-03	2.22E-01	0.00E+00	0.00E+00	1.32E+00	-9.90E-06	6.00E-04	1.94E-03	0.00E+00	0.00E+00	-7.31E-11	6.23E-09	9.14E-03	4.84E-02	0.00E+00	0.00E+00	8.68E-01	0.00E+00	1.63E+00	0.00E+00	1.47E-08	4.78E-09	4.24E-04	0.00E+00	1.29E-01	0.00E+00	1.63E+00	-2.68E-07	1.63E+00	1.76E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MCN520	-3.24E-03	3.46E-03	2.46E-03	1.08E-02	0.00E+00	0.00E+00	-1.84E-02	-4.31E-04	2.28E-04	-1.91E-03	0.00E+00	0.00E+00	-4.59E-10	-6.40E-08	-9.91E-03	-8.90E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	1.74E-02	0.00E+00	4.85E-09	-1.47E-08	-9.94E-04	0.00E+00	-2.13E-01	0.00E+00	1.74E-02	-1.64E-05	1.74E-02	6.35E-02	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
MCN520E	-9.49E-03	-2.76E-01	-3.56E-03	-2.72E-01	0.00E+00	0.00E+00	-2.57E+00	-9.10E-04	-4.53E-04	-6.84E-03	0.00E+00	0.00E+00	-2.66E-09	-1.04E-07	-2.21E-02	-1.97E+00	0.00E+00	0.00E+00	-2.97E+00	0.00E+00	-2.70E+00	0.00E+00	-1.11E-08	-3.23E-08	-2.29E-03	0.00E+00	-5.36E-01	0.00E+00	-2.70E+00	-2.77E-05	-2.70E+00	-3.23E+00	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MCN525	-2.36E-03	1.34E-01	4.92E-03	7.32E-02	0.00E+00	0.00E+00	-4.93E-03	-3.03E-04	5.00E-04	4.98E-04	0.00E+00	0.00E+00	-5.19E-10	-6.97E-09	2.40E-03	-3.40E-01	0.00E+00	0.00E+00	-1.48E-01	0.00E+00	4.79E-01	0.00E+00	7.32E-09	-4.30E-09	-3.88E-04	0.00E+00	3.08E-02	0.00E+00	4.79E-01	-9.96E-06	4.79E-01	2.34E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
MCN525E	1.71E-03	2.49E-01	7.09E-03	2.42E-01	0.00E+00	0.00E+00	1.48E+00	-9.66E-06	1.01E-03	2.13E-03	0.00E+00	0.00E+00	-4.40E-11	1.06E-08	9.89E-03	3.36E-01	0.00E+00	0.00E+00	1.03E+00	0.00E+00	1.81E+00	0.00E+00	1.63E-08	5.98E-09	5.00E-04	0.00E+00	1.88E-01	0.00E+00	1.81E+00	-2.88E-07	1.81E+00	2.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
MCN532	-1.02E-02	2.14E-02	2.58E-03	7.96E-03	0.00E+00	0.00E+00	-1.19E+00	-9.13E-04	1.83E-04	-5.00E-03	0.00E+00	0.00E+00	-2.24E-09	-9.65E-08	-1.58E-03	-1.80E+00	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	8.37E-01	0.00E+00	9.03E-09	-2.06E-08	-1.35E-03	0.00E+00	-2.83E-01	0.00E+00	8.37E-01	-3.09E-05	8.37E-01	4.18E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-7.54E+01
MCN532E	-6.99E-04	5.86E-02	6.81E-03	5.18E-02	0.00E+00	0.00E+00	1.05E+00	-2.82E-04	1.38E-03	-6.56E-04	0.00E+00	0.00E+00	-1.82E-10	-1.61E-08	-1.02E-02	-8.25E-01	0.00E+00	0.00E+00	3.84E-01	0.00E+00	1.35E+00	0.00E+00	1.29E-08	8.17E-11	-1.00E-04	0.00E+00	-1.01E-01	0.00E+00	1.35E+00	-1.02E-05	1.35E+00	1.24E+00	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MCN540	-2.57E-02	4.25E-02	1.04E-03	2.56E-02	0.00E+00	0.00E+00	-1.74E+00	-1.29E-03	1.01E-04	-7.28E-03	0.00E+00	0.00E+00	-2.44E-09	-1.57E-07	-1.45E-03	-1.93E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	1.14E+00	0.00E+00	8.80E-09	-2.69E-08	-1.72E-03	0.00E+00	-3.07E-01	0.00E+00	1.14E+00	-3.67E-05	1.14E+00	7.53E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-7.41E+01
MCN540E	-1.37E-03	7.14E-02	3.11E-03	6.83E-02	0.00E+00	0.00E+00	-2.99E-01	-3.31E-04	1.34E-03	-1.05E-03	0.00E+00	0.00E+00	-1.66E-09	-2.26E-08	-1.52E-02	-6.98E-01	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-6.62E-01	0.00E+00	4.46E-09	-1.25E-08	-5.98E-04	0.00E+00	-2.30E-01	0.00E+00	-6.62E-01	-1.30E-05	-6.62E-01	-8.91E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
MCN550	-9.70E-03	7.90E-02	2.54E-03	6.74E-02	0.00E+00	0.00E+00	-1.08E+00	-9.18E-04	5.32E-04	-4.57E-03	0.00E+00	0.00E+00	-1.84E-09	-1.18E-07	-2.52E-03	-1.25E+00	0.00E+00	0.00E+00	-9.30E-01	0.00E+00	8.64E-01	0.00E+00	8.51E-09	-1.99E-08	-1.09E-03	0.00E+00	-2.16E-01	0.00E+00	8.64E-01	-3.19E-05	8.64E-01	6.47E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.88E+01
MCN550E	-1.57E-03	7.96E-02	5.62E-03	4.89E-02	0.00E+00	0.00E+00	1.10E+00	-1.66E-04	1.68E-03	-2.50E-03	0.00E+00	0.00E+00	-1.14E-09	-1.66E-08	-2.68E-03	-7.38E-01	0.00E+00	0.00E+00	5.86E-01	0.00E+00	1.05E+00	0.00E+00	1.02E-08	-5.39E-09	1.90E-04	0.00E+00	-6.42E-02	0.00E+00	1.05E+00	-9.97E-06	1.05E+00	9.59E-01	-6.42E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
MCN563	-1.31E-02	8.57E-02	2.14E-03	5.08E-02	0.00E+00	0.00E+00	-2.20E+00	-1.42E-03	6.95E-04	-6.66E-03	0.00E+00	0.00E+00	-2.35E-09	-1.94E-07	-2.40E-03	-1.22E+00	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	7.20E-01	0.00E+00	1.09E-08	-2.15E-08	-1.70E-03	0.00E+00	-2.96E-01	0.00E+00	7.20E-01	-6.57E-05	7.20E-01	3.70E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-8.58E+01
MCN563E	-1.31E-02	8.62E-02	2.14E-03	5.08E-02	0.00E+00	0.00E+00	-2.20E+00	-1.42E-03	6.95E-04	-6.66E-03	0.00E+00	0.00E+00	-2.35E-09	-1.94E-07	-2.46E-03	-1.22E+00	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	7.17E-01	0.00E+00	1.09E-08	-2.15E-08	-1.70E-03	0.00E+00	-2.96E-01	0.00E+00	7.17E-01	-6.57E-05	7.17E-01	4.18E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-8.56E+01
MCN600	-1.78E-02	1.85E-02	6.53E-04	3.33E-02	0.00E+00	0.00E+00	-5.10E+00	-1.73E-03	-2.62E-04	-3.60E-03	0.00E+00	0.00E+00	-3.10E-09	-1.59E-07	-1.00E-02	-2.07E+00	0.00E+00	0.00E+00	-4.31E+00	0.00E+00	-2.33E-01	0.00E+00	4.29E-09	-2.88E-08	-2.46E-03	0.00E+00	-7.18E-01	0.00E+00	-2.33E-01	-4.32E-05	-2.33E-01	-1.04E+00	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MCN601	-1.86E-02	-9.30E-03	-5.11E-04	3.91E-02	0.00E+00	0.00E+00	-5.48E+00	-1.75E-03	-5.35E-04	-4.97E-03	0.00E+00	0.00E+00	-3.32E-09	-1.66E-07	-9.08E-03	-2.33E+00	0.00E+00	0.00E+00	-4.94E+00	0.00E+00	-4.58E-01	0.00E+00	4.65E-09	-3.19E-08	-2.64E-03	0.00E+00	-7.54E-01	0.00E+00	-4.58E-01	-4.66E-05	-4.58E-01	-1.13E+00	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
MCN602	-1.53E-02	-1.42E-02	2.02E-03	1.26E-02	0.00E+00	0.00E+00	-4.97E+00	-1.75E-03	1.20E-03	-3.64E-03	0.00E+00	0.00E+00	-3.02E-09	-1.33E-07	-8.25E-03	-1.97E+00	0.00E+00	0.00E+00	-4.24E+00	0.00E+00	-6.68E-01	0.00E+00	4.60E-09	-2.54E-08	-2.36E-03	0.00E+00	-5.93E-01	0.00E+00	-6.68E-01	-3.75E-05	-6.68E-01	-1.32E+00	-5.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
MCN603	-1.50E-02	-7.09E-02	7.27E-04	-3.28E-03	0.00E+00	0.00E+00	-4.79E+00	-1.56E-03	-2.86E-04	-4.93E-03	0.00E+00	0.00E+00	-3.30E-09	-1.25E-07	-8.16E-03	-2.08E+00	0.00E+00	0.00E+00	-4.40E+00	0.00E+00	-1.14E+00	0.00E+00	3.95E-09	-3.07E-08	-2.59E-03	0.00E+00	-7.14E-01	0.00E+00	-1.14E+00	-3.74E-05	-1.14E+00	-1.91E+00	-7.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MCN604	-1.70E-02	-1.98E-02	1.24E-03	-2.92E-03	0.00E+00	0.00E+00	-5.12E+00	-1.71E-03	1.18E-03	-5.37E-03	0.00E+00	0.00E+00	-3.05E-09	-1.55E-07	-8.88E-03	-2.87E+00	0.00E+00	0.00E+00	-4.27E+00	0.00E+00	-1.57E-01	0.00E+00	4.03E-09	-2.70E-08	-2.34E-03	0.00E+00	-5.85E-01	0.00E+00	-1.57E-01	-4.25E-05	-1.57E-01	-1.06E+00	-5.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MCN606	-8.84E-03	5.00E-02	5.89E-03	7.63E-02	0.00E+00	0.00E+00	-5.22E-01	-9.79E-04	5.80E-05	-2.42E-03	0.00E+00	0.00E+00	-1.04E-09	-9.07E-08	-1.01E-03	-1.51E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-2.90E-01	0.00E+00	1.14E-08	-1.26E-08	-1.08E-03	0.00E+00	-2.16E-01	0.00E+00	-2.90E-01	-2.46E-05	-2.90E-01	-3.64E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.40E+01
MCN606E	-8.92E-03	2.62E-02	5.05E-03	6.42E-02	0.00E+00	0.00E+00	-5.19E-01	-1.03E-03	6.26E-05	-2.14E-03	0.00E+00	0.00E+00	-1.20E-09	-7.83E-08	-2.14E-04	-1.65E+00	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-5.63E-01	0.00E+00	9.74E-09	-1.11E-08	-1.23E-03	0.00E+00	-2.33E-01	0.00E+00	-5.63E-01	-2.37E-05	-5.63E-01	-6.41E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-7.96E+01
MCN610	-1.05E-02	-4.51E-02	6.42E-03	1.68E-02	0.00E+00	0.00E+00	-1.05E+00	-1.09E-03	2.62E-04	3.78E-04	0.00E+00	0.00E+00	-1.23E-09	-4.33E-08	6.39E-03	-1.10E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-7.74E-01	0.00E+00	8.72E-09	-1.65E-09	-2.55E-04	0.00E+00	-9.70E-02	0.00E+00	-7.74E-01	-1.67E-05	-7.74E-01	-1.04E+00	-9.70E-02	0.00E+00	0.00E+00	0.00E+00	-9.18E+01
MCN610E	2.62E-03	5.71E-01	1.40E-02	5.57E-01	0.00E+00	0.00E+00	3.32E+00	6.27E-06	1.11E-03	5.02E-03	0.00E+00	0.00E+00	5.96E-10	1.41E-08	2.19E-02	1.64E-01	0.00E+00	0.00E+00	2.52E+00	0.00E+00	4.55E+00	0.00E+00	3.66E-08	1.74E-08	1.31E-03	0.00E+00	3.45E-01	0.00E+00	4.55E+00	9.66E-07	4.55E+00	4.89E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	9.02E+01
MCN613	-1.48E-02	-1.07E-01	-3.86E-03	-1.04E-01	0.00E+00	0.00E+00	-4.17E+00	-1.48E-03	-6.73E-04	-8.55E-03	0.00E+00	0.00E+00	-4.93E-09	-1.70E-07	-1.63E-03	-1.52E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-3.54E+00	0.00E+00	-9.60E-09	-4.99E-08	-3.32E-03	0.00E+00	-4.39E-01	0.00E+00	-3.54E+00	-4.55E-05	-3.54E+00	-3.98E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MCN613E	-1.12E-02	-1.32E-01	3.36E-03	-1.01E-01	0.00E+00	0.00E+00	-2.35E+00	-1.16E-03	-1.47E-05	-3.41E-03	0.00E+00	0.00E+00	-3.04E-09	-6.43E-08	6.13E-04	-1.73E+00	0.00E+00	0.00E+00	-3.01E+00	0.00E+00	-2.39E+00	0.00E+00	-1.49E-09	-1.92E-08	-2.30E-03	0.00E+00	-3.55E-01	0.00E+00	-2.39E+00	-2.93E-05	-2.39E+00	-2.79E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MCN616	-7.84E-05	-2.24E-01	2.01E-03	-2.26E-01	0.00E+00	0.00E+00	1.86E-01	-9.51E-05	6.84E-04	-2.18E-03	0.00E+00	0.00E+00	-2.49E-09	1.40E-09	2.98E-03	-1.50E+00	0.00E+00	0.00E+00	-8.92E-01	0.00E+00	-1.64E+00	0.00E+00	-2.72E-09	-1.96E-08	-1.15E-03	0.00E+00	-2.46E-01	0.00E+00	-1.64E+00	-4.95E-06	-1.64E+00	-1.88E+00	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
MCN616E	-1.19E-03	-4.47E-01	-2.58E-03	-4.44E-01	0.00E+00	0.00E+00	-7.82E-01	-1.22E-04	5.07E-04	-4.21E-03	0.00E+00	0.00E+00	-3.54E-09	-3.35E-09	-3.99E-02	-2.95E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-4.13E+00	0.00E+00	-1.46E-08	-3.42E-08	-1.89E-03	0.00E+00	-8.20E-01	0.00E+00	-4.13E+00	-7.02E-06	-4.13E+00	-4.95E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MCN620	-1.82E-02	-9.92E-02	2.54E-03	-1.02E-01	0.00E+00	0.00E+00	-2.63E+00	-1.86E-03	-7.59E-04	-9.87E-03	0.00E+00	0.00E+00	-2.56E-09	-2.13E-07	7.50E-03	-3.74E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	6.41E-02	0.00E+00	5.77E-09	-3.41E-08	-2.96E-03	0.00E+00	-5.18E-01	0.00E+00	6.41E-02	-5.49E-05	6.41E-02	-4.54E-01	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MCN620E	-1.80E-02	-1.19E-01	-4.12E-03	-1.14E-01	0.00E+00	0.00E+00	-4.92E+00	-1.82E-03	-7.16E-04	-1.03E-02	0.00E+00	0.00E+00	-5.27E-09	-2.08E-07	-1.90E-03	-1.77E+00	0.00E+00	0.00E+00	-5.08E+00	0.00E+00	-3.66E+00	0.00E+00	-1.00E-08	-5.52E-08	-3.80E-03	0.00E+00	-4.91E-01	0.00E+00	-3.66E+00	-5.51E-05	-3.66E+00	-4.15E+00	-4.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MCN625	1.71E-03	4.82E-01	1.34E-02	4.69E-01	0.00E+00	0.00E+00	2.56E+00	-1.62E-04	1.76E-03	3.38E-03	0.00E+00	0.00E+00	-2.62E-10	2.18E-09	1.91E-02	4.93E-01	0.00E+00	0.00E+00	1.75E+00	0.00E+00	3.43E+00	0.00E+00	3.12E-08	8.77E-09	7.36E-04	0.00E+00	3.37E-01	0.00E+00	3.43E+00	-5.70E-06	3.43E+00	3.77E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
MCN625E	-2.39E-02	-5.25E-02	3.45E-03	-5.59E-02	0.00E+00	0.00E+00	-3.33E+00	-2.44E-03	-9.53E-04	-1.24E-02	0.00E+00	0.00E+00	-2.59E-09	-2.80E-07	-2.69E-02	-2.90E+00	0.00E+00	0.00E+00	-3.40E+00	0.00E+00	4.40E-01	0.00E+00	1.09E-08	-3.93E-08	-3.53E-03	0.00E+00	-5.79E-01	0.00E+00	4.40E-01	-7.07E-05	4.40E-01	-1.39E-01	-5.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MCN632	4.14E-03	3.03E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	1.26E+00	-9.02E-05	3.41E-03	2.25E-03	0.00E+00	0.00E+00	-2.09E-09	2.80E-08	1.13E-02	-4.84E-01	0.00E+00	0.00E+00	3.56E-01	0.00E+00	5.47E-01	0.00E+00	1.75E-08	-6.42E-09	7.52E-05	0.00E+00	4.03E-02	0.00E+00	5.47E-01	-4.67E-06	5.47E-01	5.87E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	5.19E+00
MCN632E	-4.30E-02	2.32E-01	7.68E-04	2.31E-01	0.00E+00	0.00E+00	-8.50E+00	-4.46E-03	-1.19E-03	-2.04E-02	0.00E+00	0.00E+00	-5.41E-09	-5.13E-07	-2.80E-02	-3.71E+00	0.00E+00	0.00E+00	-7.73E+00	0.00E+00	-4.17E-01	0.00E+00	1.30E-08	-7.20E-08	-6.01E-03	0.00E+00	-8.74E-01	0.00E+00	-4.17E-01	-1.29E-04	-4.17E-01	-1.29E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+02
MCN640	-2.19E-03	2.42E-01	8.66E-03	2.33E-01	0.00E+00	0.00E+00	-3.48E-01	-6.60E-04	2.75E-03	-1.23E-03	0.00E+00	0.00E+00	-2.81E-09	-4.38E-08	8.81E-03	-1.07E+00	0.00E+00	0.00E+00	-8.89E-01	0.00E+00	-1.90E-01	0.00E+00	1.26E-08	-1.85E-08	-9.34E-04	0.00E+00	-1.01E-01	0.00E+00	-1.90E-01	-2.52E-05	-1.90E-01	-2.92E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.68E+01
MCN640E	-8.93E-04	5.07E-01	1.53E-02	4.92E-01	0.00E+00	0.00E+00	1.76E+00	-5.89E-04	2.99E-03	1.51E-03	0.00E+00	0.00E+00	-7.03E-10	-3.44E-08	-1.78E-02	-4.46E-01	0.00E+00	0.00E+00	7.97E-01	0.00E+00	2.93E+00	0.00E+00	3.29E-08	9.20E-10	2.51E-04	0.00E+00	-7.91E-03	0.00E+00	2.93E+00	-2.12E-05	2.93E+00	2.92E+00	-7.91E-03	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MCN650	-2.68E-02	-3.01E-02	1.68E-03	-6.90E-02	0.00E+00	0.00E+00	-5.15E+00	-2.97E-03	9.80E-04	-2.20E-02	0.00E+00	0.00E+00	-3.87E-09	-4.18E-07	-4.70E-03	-3.75E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-1.05E+00	0.00E+00	9.13E-09	-5.65E-08	-3.15E-03	0.00E+00	-9.19E-01	0.00E+00	-1.05E+00	-8.22E-05	-1.05E+00	-1.06E+00	-9.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
MCN650E	-6.45E-02	-6.56E-01	-1.36E-02	-6.42E-01	0.00E+00	0.00E+00	-1.55E+01	-6.40E-03	-2.94E-03	-3.75E-02	0.00E+00	0.00E+00	-9.89E-09	-7.46E-07	-1.08E-02	-7.90E+00	0.00E+00	0.00E+00	-1.34E+01	0.00E+00	-6.40E+00	0.00E+00	-2.98E-08	-1.34E-07	-1.11E-02	0.00E+00	-1.68E+00	0.00E+00	-6.40E+00	-1.87E-04	-6.40E+00	-8.07E+00	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-5.76E+02
MCN663	-2.31E-02	-4.11E-02	1.06E-03	-6.60E-02	0.00E+00	0.00E+00	-5.91E+00	-2.98E-03	1.09E-03	-2.16E-02	0.00E+00	0.00E+00	-6.07E-09	-4.34E-07	2.57E-04	-3.67E+00	0.00E+00	0.00E+00	-5.13E+00	0.00E+00	-8.66E-01	0.00E+00	1.01E-08	-6.02E-08	-3.31E-03	0.00E+00	-9.31E-01	0.00E+00	-8.66E-01	-7.10E-05	-8.66E-01	-1.08E+00	-9.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MCN663E	6.17E-03	4.99E-01	1.80E-02	4.81E-01	0.00E+00	0.00E+00	2.86E+00	-5.77E-05	4.43E-03	4.18E-03	0.00E+00	0.00E+00	-1.05E-09	4.18E-08	1.92E-02	7.30E-01	0.00E+00	0.00E+00	2.06E+00	0.00E+00	2.98E+00	0.00E+00	3.25E-08	7.54E-09	8.58E-04	0.00E+00	3.93E-01	0.00E+00	2.98E+00	-2.75E-06	2.98E+00	3.37E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MCN706P	-7.34E-03	-4.28E-01	-5.31E-03	-4.29E-01	0.00E+00	0.00E+00	-2.54E+00	-6.50E-04	-6.49E-04	-6.36E-03	0.00E+00	0.00E+00	-2.82E-09	-7.56E-08	-2.21E-02	-4.36E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-3.57E+00	0.00E+00	-1.59E-08	-3.72E-08	-2.18E-03	0.00E+00	-8.96E-01	0.00E+00	-3.57E+00	-2.31E-05	-3.57E+00	-5.15E+00	-8.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MCN710P	-6.73E-03	-3.82E-01	-5.15E-03	-3.85E-01	0.00E+00	0.00E+00	-2.60E+00	-6.36E-04	-6.58E-04	-6.15E-03	0.00E+00	0.00E+00	-2.82E-09	-7.29E-08	-2.02E-02	-4.12E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-3.58E+00	0.00E+00	-1.57E-08	-3.61E-08	-2.10E-03	0.00E+00	-7.77E-01	0.00E+00	-3.58E+00	-2.23E-05	-3.58E+00	-4.82E+00	-7.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MCN716P	-6.96E-03	-4.10E-01	-4.47E-03	-3.92E-01	0.00E+00	0.00E+00	-2.58E+00	-7.33E-04	-5.71E-04	-6.00E-03	0.00E+00	0.00E+00	-2.37E-09	-7.49E-08	-1.98E-02	-3.90E+00	0.00E+00	0.00E+00	-2.94E+00	0.00E+00	-3.19E+00	0.00E+00	-1.45E-08	-3.18E-08	-2.10E-03	0.00E+00	-8.05E-01	0.00E+00	-3.19E+00	-2.16E-05	-3.19E+00	-4.64E+00	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MCN720P	-9.09E-03	-4.57E-01	-4.38E-03	-4.01E-01	0.00E+00	0.00E+00	-3.34E+00	-9.49E-04	-6.25E-04	-6.66E-03	0.00E+00	0.00E+00	-2.65E-09	-1.14E-07	-1.99E-02	-1.12E+01	0.00E+00	0.00E+00	-3.17E+00	0.00E+00	-3.08E+00	0.00E+00	-1.37E-08	-3.55E-08	-2.46E-03	0.00E+00	-1.17E+00	0.00E+00	-3.08E+00	-2.94E-05	-3.08E+00	-4.63E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MCN725P	-1.06E-02	-4.83E-01	-5.24E-03	-4.55E-01	0.00E+00	0.00E+00	-3.52E+00	-1.01E-03	-7.18E-04	-6.54E-03	0.00E+00	0.00E+00	-3.17E-09	-1.11E-07	-2.33E-02	-1.27E+01	0.00E+00	0.00E+00	-3.86E+00	0.00E+00	-3.62E+00	0.00E+00	-1.58E-08	-4.13E-08	-2.79E-03	0.00E+00	-1.29E+00	0.00E+00	-3.62E+00	-3.26E-05	-3.62E+00	-5.20E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MCN732P	-1.69E-02	-4.88E-01	-5.86E-03	-4.56E-01	0.00E+00	0.00E+00	-4.61E+00	-1.42E-03	-9.39E-04	-9.21E-03	0.00E+00	0.00E+00	-3.34E-09	-1.64E-07	-2.33E-02	-1.30E+01	0.00E+00	0.00E+00	-4.57E+00	0.00E+00	-3.69E+00	0.00E+00	-1.62E-08	-4.38E-08	-3.17E-03	0.00E+00	-1.34E+00	0.00E+00	-3.69E+00	-4.77E-05	-3.69E+00	-5.58E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
MCN740P	-1.83E-02	-4.91E-01	-6.17E-03	-4.61E-01	0.00E+00	0.00E+00	-4.98E+00	-1.57E-03	-1.01E-03	-1.01E-02	0.00E+00	0.00E+00	-3.48E-09	-2.04E-07	-2.33E-02	-1.30E+01	0.00E+00	0.00E+00	-4.72E+00	0.00E+00	-3.69E+00	0.00E+00	-1.64E-08	-5.45E-08	-3.84E-03	0.00E+00	-1.30E+00	0.00E+00	-3.69E+00	-5.07E-05	-3.69E+00	-5.69E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MCN750P	-1.42E-02	-1.73E-01	-3.21E-03	-8.31E-02	0.00E+00	0.00E+00	-3.36E+00	-9.08E-04	-2.61E-04	-4.08E-03	0.00E+00	0.00E+00	-2.19E-09	-8.41E-08	-7.44E-03	-3.45E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-1.20E+00	0.00E+00	3.93E-09	-2.29E-08	-1.38E-03	0.00E+00	-5.61E-01	0.00E+00	-1.20E+00	-2.81E-05	-1.20E+00	-1.72E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MCN763P	-1.74E-02	-2.05E-01	-3.71E-03	-9.50E-02	0.00E+00	0.00E+00	-4.03E+00	-1.32E-03	-1.94E-04	-7.19E-03	0.00E+00	0.00E+00	-2.86E-09	-1.78E-07	-8.96E-03	-3.05E+00	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-1.04E+00	0.00E+00	3.25E-09	-3.97E-08	-2.71E-03	0.00E+00	-7.38E-01	0.00E+00	-1.04E+00	-4.24E-05	-1.04E+00	-1.66E+00	-7.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MCS006C	-2.72E-04	-9.26E-02	-5.68E-04	-9.20E-02	0.00E+00	0.00E+00	-1.85E-01	-2.79E-05	9.11E-05	-9.03E-04	0.00E+00	0.00E+00	-7.93E-10	-1.01E-09	-6.09E-03	-3.74E-01	0.00E+00	0.00E+00	-5.97E-01	0.00E+00	-8.71E-01	0.00E+00	-3.14E-09	-7.30E-09	-4.16E-04	0.00E+00	-1.23E-01	0.00E+00	-8.71E-01	-1.56E-06	-8.71E-01	-9.94E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
MCS010C	-1.31E-03	-1.68E-02	6.67E-04	-3.74E-02	0.00E+00	0.00E+00	-3.71E-01	-1.37E-04	1.36E-04	-1.29E-03	0.00E+00	0.00E+00	-9.09E-10	-9.69E-09	-3.19E-03	-1.13E+00	0.00E+00	0.00E+00	-4.79E-01	0.00E+00	-5.18E-02	0.00E+00	7.13E-10	-4.04E-09	-3.55E-04	0.00E+00	-1.59E-01	0.00E+00	-5.18E-02	-2.58E-06	-5.18E-02	-1.23E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+01
MCS013C	-1.37E-04	-8.42E-02	-1.10E-04	-8.41E-02	0.00E+00	0.00E+00	-1.25E-01	-2.75E-05	1.50E-04	-7.88E-04	0.00E+00	0.00E+00	-7.26E-10	-2.94E-10	-4.15E-04	-7.77E-01	0.00E+00	0.00E+00	-3.79E-01	0.00E+00	-7.13E-01	0.00E+00	-2.63E-09	-6.58E-09	-3.78E-04	0.00E+00	-1.37E-01	0.00E+00	-7.13E-01	-1.47E-06	-7.13E-01	-8.50E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
MCS016C	-5.49E-05	-1.15E-02	4.54E-05	-1.15E-02	0.00E+00	0.00E+00	-1.22E-01	-2.78E-05	1.95E-04	-2.38E-04	0.00E+00	0.00E+00	-8.04E-10	-3.84E-10	-5.14E-03	-6.01E-01	0.00E+00	0.00E+00	-5.78E-01	0.00E+00	-6.56E-01	0.00E+00	-7.88E-10	-6.30E-09	-2.63E-04	0.00E+00	-1.51E-01	0.00E+00	-6.56E-01	-1.59E-06	-6.56E-01	-8.07E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
MCS020C	-1.80E-03	-2.83E-02	4.67E-04	-3.11E-02	0.00E+00	0.00E+00	-5.15E-01	-1.88E-04	1.30E-04	-1.45E-03	0.00E+00	0.00E+00	-6.52E-10	-2.58E-08	-1.62E-03	-5.85E-01	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	-6.11E-02	0.00E+00	5.11E-10	-5.51E-09	-3.91E-04	0.00E+00	-1.01E-01	0.00E+00	-6.11E-02	-4.71E-06	-6.11E-02	-9.39E-02	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
MCS106	7.69E-04	1.47E-01	3.43E-03	1.43E-01	0.00E+00	0.00E+00	7.60E-01	1.39E-06	3.75E-04	1.28E-03	0.00E+00	0.00E+00	1.39E-10	4.42E-09	5.00E-03	2.10E-01	0.00E+00	0.00E+00	5.89E-01	0.00E+00	1.07E+00	0.00E+00	8.88E-09	4.39E-09	3.36E-04	0.00E+00	1.05E-01	0.00E+00	1.07E+00	2.06E-07	1.07E+00	1.18E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MCS110	-2.81E-04	3.67E-02	2.17E-03	3.45E-02	0.00E+00	0.00E+00	4.55E-01	-6.68E-05	1.66E-04	4.95E-05	0.00E+00	0.00E+00	1.49E-11	-5.13E-09	3.14E-03	-2.15E-01	0.00E+00	0.00E+00	3.15E-01	0.00E+00	6.48E-01	0.00E+00	5.02E-09	1.11E-09	2.35E-05	0.00E+00	2.06E-02	0.00E+00	6.48E-01	-2.30E-06	6.48E-01	6.69E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
MCS113	-2.82E-03	-7.46E-04	-5.46E-04	-2.01E-04	0.00E+00	0.00E+00	-7.89E-01	-2.92E-04	-7.09E-05	-1.49E-03	0.00E+00	0.00E+00	-8.94E-10	-3.30E-08	-3.61E-04	-6.26E-01	0.00E+00	0.00E+00	-8.48E-01	0.00E+00	-5.92E-01	0.00E+00	-1.18E-09	-9.08E-09	-5.84E-04	0.00E+00	-1.30E-01	0.00E+00	-5.92E-01	-8.90E-06	-5.92E-01	-7.21E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
MCS116	-1.18E-04	1.24E-01	2.55E-03	1.21E-01	0.00E+00	0.00E+00	4.32E-01	-6.69E-05	2.22E-04	7.20E-04	0.00E+00	0.00E+00	2.77E-11	-5.12E-09	3.80E-03	4.70E-02	0.00E+00	0.00E+00	3.42E-01	0.00E+00	8.35E-01	0.00E+00	7.08E-09	2.32E-09	1.76E-04	0.00E+00	6.27E-02	0.00E+00	8.35E-01	-2.26E-06	8.35E-01	8.98E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
MCS120	6.82E-04	2.27E-02	2.62E-03	2.00E-02	0.00E+00	0.00E+00	6.41E-01	-2.49E-06	4.66E-04	3.06E-04	0.00E+00	0.00E+00	-5.58E-11	5.33E-09	3.34E-03	-6.04E-01	0.00E+00	0.00E+00	3.39E-01	0.00E+00	5.76E-01	0.00E+00	4.90E-09	1.30E-09	8.90E-05	0.00E+00	-4.00E-02	0.00E+00	5.76E-01	-2.20E-07	5.76E-01	5.36E-01	-4.00E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
MCS120W	-2.14E-03	-2.29E-03	1.49E-03	5.16E-03	0.00E+00	0.00E+00	-4.99E-01	-2.25E-04	1.45E-04	-1.15E-03	0.00E+00	0.00E+00	-4.65E-10	-2.17E-08	1.03E-03	-5.37E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	2.08E-02	0.00E+00	2.62E-09	-3.14E-09	-4.36E-04	0.00E+00	-5.54E-02	0.00E+00	2.08E-02	-7.84E-06	2.08E-02	-5.34E-02	-5.54E-02	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
MCS125	6.24E-04	4.06E-02	2.14E-03	3.84E-02	0.00E+00	0.00E+00	2.84E-01	-2.15E-05	5.59E-04	2.84E-04	0.00E+00	0.00E+00	-5.16E-10	4.20E-09	2.26E-03	-4.39E-01	0.00E+00	0.00E+00	3.41E-02	0.00E+00	2.23E-02	0.00E+00	3.04E-09	-2.45E-09	-5.83E-05	0.00E+00	-4.16E-02	0.00E+00	2.23E-02	-1.11E-06	2.23E-02	-1.93E-02	-4.16E-02	0.00E+00	0.00E+00	0.00E+00	-7.44E-01
MCS132	1.63E-03	1.75E-01	5.13E-03	1.70E-01	0.00E+00	0.00E+00	1.04E+00	1.64E-06	1.01E-03	1.58E-03	0.00E+00	0.00E+00	9.26E-11	1.09E-08	6.22E-03	-1.45E-01	0.00E+00	0.00E+00	7.26E-01	0.00E+00	1.34E+00	0.00E+00	1.13E-08	5.56E-09	4.49E-04	0.00E+00	7.15E-02	0.00E+00	1.34E+00	1.83E-08	1.34E+00	1.41E+00	7.15E-02	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MCS140	-1.35E-02	3.34E-02	-6.96E-04	3.41E-02	0.00E+00	0.00E+00	-2.83E+00	-1.38E-03	-5.12E-04	-6.64E-03	0.00E+00	0.00E+00	-1.71E-09	-1.60E-07	-4.19E-03	-1.55E+00	0.00E+00	0.00E+00	-2.46E+00	0.00E+00	-3.72E-01	0.00E+00	1.29E-09	-2.34E-08	-1.95E-03	0.00E+00	-3.13E-01	0.00E+00	-3.72E-01	-3.99E-05	-3.72E-01	-6.85E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MCS150	1.81E-03	1.79E-01	5.67E-03	1.73E-01	0.00E+00	0.00E+00	1.16E+00	1.89E-06	1.16E-03	1.62E-03	0.00E+00	0.00E+00	1.08E-10	1.25E-08	1.41E-03	2.18E-02	0.00E+00	0.00E+00	7.42E-01	0.00E+00	1.40E+00	0.00E+00	1.23E-08	5.82E-09	4.70E-04	0.00E+00	7.54E-02	0.00E+00	1.40E+00	4.20E-08	1.40E+00	1.47E+00	7.54E-02	0.00E+00	0.00E+00	0.00E+00	2.62E+01
MCS163	9.93E-04	-5.54E-02	2.16E-03	-5.76E-02	0.00E+00	0.00E+00	2.94E-01	-2.52E-05	9.88E-04	-4.87E-04	0.00E+00	0.00E+00	-7.30E-10	8.61E-09	-3.88E-03	-2.18E-01	0.00E+00	0.00E+00	-2.26E-01	0.00E+00	-3.09E-01	0.00E+00	1.24E-09	-4.35E-09	-2.33E-04	0.00E+00	-5.88E-02	0.00E+00	-3.09E-01	-1.57E-06	-3.09E-01	-3.68E-01	-5.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
MCS206C	-4.33E-03	-4.25E-03	1.96E-03	-1.59E-02	0.00E+00	0.00E+00	-3.07E-01	-3.21E-04	1.51E-04	-2.00E-03	0.00E+00	0.00E+00	-1.35E-09	-4.31E-08	-3.58E-03	-9.57E-01	0.00E+00	0.00E+00	-8.90E-01	0.00E+00	8.42E-02	0.00E+00	2.63E-09	-1.04E-08	-9.54E-04	0.00E+00	-1.63E-01	0.00E+00	8.42E-02	-1.27E-05	8.42E-02	2.16E-02	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.78E+01
MCS206E	-4.63E-03	3.39E-03	2.25E-03	-2.15E-02	0.00E+00	0.00E+00	-2.80E-01	-4.10E-04	1.59E-04	-2.22E-03	0.00E+00	0.00E+00	-1.35E-09	-6.26E-08	-4.98E-03	-1.04E+00	0.00E+00	0.00E+00	-7.74E-01	0.00E+00	4.09E-02	0.00E+00	3.25E-09	-1.09E-08	-9.30E-04	0.00E+00	-1.87E-01	0.00E+00	4.09E-02	-1.50E-05	4.09E-02	1.41E-02	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
MCS210C	-5.44E-03	-1.80E-02	1.51E-03	-2.94E-02	0.00E+00	0.00E+00	-5.60E-01	-3.97E-04	1.61E-04	-2.45E-03	0.00E+00	0.00E+00	-1.47E-09	-5.64E-08	-4.20E-03	-1.17E+00	0.00E+00	0.00E+00	-8.73E-01	0.00E+00	5.95E-02	0.00E+00	1.67E-09	-1.11E-08	-9.97E-04	0.00E+00	-1.83E-01	0.00E+00	5.95E-02	-1.38E-05	5.95E-02	2.47E-03	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
MCS210E	-5.71E-03	-8.33E-03	1.91E-03	-3.17E-02	0.00E+00	0.00E+00	-8.83E-01	-4.80E-04	1.58E-04	-2.72E-03	0.00E+00	0.00E+00	-1.50E-09	-6.82E-08	-3.25E-03	-1.40E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	5.62E-03	0.00E+00	3.02E-09	-1.12E-08	-1.04E-03	0.00E+00	-2.14E-01	0.00E+00	5.62E-03	-1.58E-05	5.62E-03	-2.44E-02	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
MCS213C	-4.15E-03	-2.94E-02	1.12E-03	-4.98E-02	0.00E+00	0.00E+00	-8.68E-01	-3.56E-04	1.50E-04	-2.20E-03	0.00E+00	0.00E+00	-1.52E-09	-7.61E-08	-3.49E-03	-1.51E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.75E-01	0.00E+00	1.36E-09	-1.29E-08	-8.73E-04	0.00E+00	-2.04E-01	0.00E+00	-2.75E-01	-1.33E-05	-2.75E-01	-4.58E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.42E+01
MCS216C	-3.66E-03	-3.06E-02	1.17E-03	-4.10E-02	0.00E+00	0.00E+00	-7.16E-01	-3.44E-04	1.50E-04	-1.96E-03	0.00E+00	0.00E+00	-1.43E-09	-6.67E-08	-1.50E-03	-1.52E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-2.38E-01	0.00E+00	1.07E-09	-1.24E-08	-8.27E-04	0.00E+00	-1.81E-01	0.00E+00	-2.38E-01	-1.22E-05	-2.38E-01	-4.57E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.95E+01
MCS216E	-3.34E-03	-1.48E-02	1.29E-03	-2.52E-02	0.00E+00	0.00E+00	-9.86E-01	-3.85E-04	1.60E-04	-1.92E-03	0.00E+00	0.00E+00	-1.01E-09	-7.74E-08	-2.23E-04	-9.26E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-2.44E-01	0.00E+00	2.63E-09	-1.07E-08	-7.84E-04	0.00E+00	-1.31E-01	0.00E+00	-2.44E-01	-1.40E-05	-2.44E-01	-4.35E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-5.05E+01
MCS220C	-4.30E-03	-4.93E-02	3.17E-04	-5.44E-02	0.00E+00	0.00E+00	-1.08E+00	-5.29E-04	1.85E-04	-2.73E-03	0.00E+00	0.00E+00	-1.24E-09	-9.80E-08	-2.90E-03	-1.18E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-4.66E-01	0.00E+00	4.75E-10	-1.68E-08	-1.08E-03	0.00E+00	-2.35E-01	0.00E+00	-4.66E-01	-1.82E-05	-4.66E-01	-6.81E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.45E+01
MCS220E	-3.69E-03	-2.61E-02	7.44E-04	-4.84E-02	0.00E+00	0.00E+00	-7.80E-01	-5.38E-04	2.80E-04	-2.01E-03	0.00E+00	0.00E+00	-1.32E-09	-8.42E-08	-2.74E-03	-9.10E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-2.83E-01	0.00E+00	2.20E-09	-1.21E-08	-7.90E-04	0.00E+00	-2.12E-01	0.00E+00	-2.83E-01	-1.42E-05	-2.83E-01	-4.44E-01	-2.12E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
MCS225E	-5.87E-03	-3.13E-02	2.00E-03	-5.75E-02	0.00E+00	0.00E+00	-9.31E-01	-6.19E-04	1.79E-04	-3.15E-03	0.00E+00	0.00E+00	-2.27E-09	-9.38E-08	-7.23E-03	-1.80E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-4.30E-01	0.00E+00	1.12E-09	-1.72E-08	-1.33E-03	0.00E+00	-3.52E-01	0.00E+00	-4.30E-01	-1.96E-05	-4.30E-01	-6.23E-01	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
MCS232E	-9.42E-03	-3.41E-02	2.20E-03	-5.83E-02	0.00E+00	0.00E+00	-1.77E+00	-1.34E-03	3.83E-04	-6.17E-03	0.00E+00	0.00E+00	-2.26E-09	-1.44E-07	-7.15E-03	-1.94E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-7.01E-01	0.00E+00	8.45E-10	-2.11E-08	-1.70E-03	0.00E+00	-4.18E-01	0.00E+00	-7.01E-01	-4.30E-05	-7.01E-01	-1.02E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.69E+01
MCS240E	-1.09E-02	5.34E-02	2.35E-03	1.59E-02	0.00E+00	0.00E+00	-2.12E+00	-1.68E-03	2.52E-04	-5.92E-03	0.00E+00	0.00E+00	-2.42E-09	-2.00E-07	-6.39E-03	-2.04E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-2.79E-01	0.00E+00	2.06E-09	-3.34E-08	-1.86E-03	0.00E+00	-3.62E-01	0.00E+00	-2.79E-01	-4.11E-05	-2.79E-01	-4.27E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-8.20E+01
MCS250E	-1.52E-02	7.57E-03	5.77E-03	-1.12E-02	0.00E+00	0.00E+00	2.09E-01	-7.06E-04	1.48E-03	-8.80E-03	0.00E+00	0.00E+00	-2.75E-09	-2.04E-07	-4.18E-03	-1.92E+00	0.00E+00	0.00E+00	-4.01E-01	0.00E+00	5.56E-01	0.00E+00	5.69E-09	-3.29E-08	-4.54E-04	0.00E+00	-4.85E-01	0.00E+00	5.56E-01	-6.38E-05	5.56E-01	5.61E-01	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MCS263E	-1.24E-02	6.88E-02	4.65E-03	4.76E-02	0.00E+00	0.00E+00	1.29E-01	-1.02E-03	1.73E-03	-6.62E-03	0.00E+00	0.00E+00	-2.67E-09	-1.38E-07	-2.75E-03	-1.64E+00	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	5.92E-01	0.00E+00	6.84E-09	-2.31E-08	-9.14E-04	0.00E+00	-3.49E-01	0.00E+00	5.92E-01	-4.49E-05	5.92E-01	6.41E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
MCS306	-4.38E-03	3.08E-02	1.55E-04	3.06E-02	0.00E+00	0.00E+00	-1.33E+00	-5.14E-04	3.09E-04	-2.48E-03	0.00E+00	0.00E+00	-2.50E-09	-5.30E-08	1.37E-03	-5.11E-01	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-1.54E+00	0.00E+00	-1.24E-09	-2.15E-08	-1.24E-03	0.00E+00	-1.54E-01	0.00E+00	-1.54E+00	-1.97E-05	-1.54E+00	-1.69E+00	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
MCS306C	-4.75E-03	-9.06E-03	2.95E-03	-9.50E-03	0.00E+00	0.00E+00	-3.98E-01	-5.41E-04	2.06E-04	-2.36E-03	0.00E+00	0.00E+00	-1.84E-09	-4.89E-08	-3.95E-03	-1.08E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	9.40E-02	0.00E+00	4.95E-09	-1.52E-08	-1.13E-03	0.00E+00	-1.91E-01	0.00E+00	9.40E-02	-1.59E-05	9.40E-02	-8.16E-02	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
MCS310	1.43E-03	1.31E-01	7.51E-03	1.23E-01	0.00E+00	0.00E+00	1.96E+00	3.81E-06	7.34E-04	1.41E-03	0.00E+00	0.00E+00	3.17E-10	1.03E-08	1.08E-02	-6.43E-01	0.00E+00	0.00E+00	1.41E+00	0.00E+00	2.24E+00	0.00E+00	1.69E-08	7.67E-09	4.37E-04	0.00E+00	8.39E-02	0.00E+00	2.24E+00	4.81E-07	2.24E+00	2.32E+00	8.39E-02	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MCS310C	-6.15E-03	-4.27E-02	1.63E-03	-6.04E-02	0.00E+00	0.00E+00	-9.64E-01	-6.17E-04	2.04E-04	-2.90E-03	0.00E+00	0.00E+00	-2.30E-09	-8.12E-08	-2.94E-03	-1.56E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-3.23E-01	0.00E+00	2.17E-09	-1.97E-08	-1.34E-03	0.00E+00	-2.16E-01	0.00E+00	-3.23E-01	-1.79E-05	-3.23E-01	-5.27E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MCS313	-2.57E-03	3.40E-01	7.65E-03	3.32E-01	0.00E+00	0.00E+00	9.77E-01	-4.37E-04	7.30E-04	7.41E-04	0.00E+00	0.00E+00	-4.23E-10	-4.11E-08	1.28E-02	-6.49E-01	0.00E+00	0.00E+00	3.66E-01	0.00E+00	2.38E+00	0.00E+00	2.12E-08	1.75E-09	1.24E-04	0.00E+00	4.35E-02	0.00E+00	2.38E+00	-1.58E-05	2.38E+00	2.42E+00	4.35E-02	0.00E+00	0.00E+00	0.00E+00	4.25E+00

MCS313C	1.13E-04	-1.34E-01	1.00E-03	-1.35E-01	0.00E+00	0.00E+00	6.03E-02	-5.11E-05	5.48E-04	-1.26E-03	0.00E+00	0.00E+00	-1.37E-09	2.55E-09	-1.10E-02	-7.61E-01	0.00E+00	0.00E+00	-7.22E-01	0.00E+00	-1.06E+00	0.00E+00	-1.26E-09	-1.12E-08	-6.31E-04	0.00E+00	-2.04E-01	0.00E+00	-1.06E+00	-2.67E-06	-1.06E+00	-1.26E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MCS316	-6.45E-03	2.71E-01	5.11E-03	2.66E-01	0.00E+00	0.00E+00	-2.20E-01	-7.47E-04	4.70E-05	-1.41E-03	0.00E+00	0.00E+00	-8.49E-10	-8.23E-08	-2.47E-03	-7.02E-01	0.00E+00	0.00E+00	-5.68E-01	0.00E+00	1.45E+00	0.00E+00	1.63E-08	-7.33E-09	-5.61E-04	0.00E+00	-7.99E-02	0.00E+00	1.45E+00	-2.13E-05	1.45E+00	1.37E+00	-7.99E-02	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
MCS316C	-6.61E-03	2.24E-01	3.85E-03	2.20E-01	0.00E+00	0.00E+00	-5.57E-01	-7.47E-04	1.44E-05	-1.78E-03	0.00E+00	0.00E+00	-9.07E-10	-8.31E-08	-4.67E-03	-1.62E+00	0.00E+00	0.00E+00	-8.19E-01	0.00E+00	9.44E-01	0.00E+00	1.24E-08	-9.48E-09	-6.64E-04	0.00E+00	-2.46E-01	0.00E+00	9.44E-01	-2.14E-05	9.44E-01	6.99E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
MCS320	-2.06E-02	-1.13E-01	-5.70E-04	-1.13E-01	0.00E+00	0.00E+00	-3.84E+00	-2.08E-03	-8.68E-04	-1.12E-02	0.00E+00	0.00E+00	-2.85E-09	-2.40E-07	3.43E-03	-2.92E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-5.65E-01	0.00E+00	9.25E-10	-3.78E-08	-3.26E-03	0.00E+00	-4.99E-01	0.00E+00	-5.65E-01	-6.04E-05	-5.65E-01	-1.06E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MCS320C	-8.94E-03	7.95E-02	9.74E-04	-4.37E-02	0.00E+00	0.00E+00	-1.45E+00	-8.91E-04	3.60E-04	-3.28E-03	0.00E+00	0.00E+00	-1.93E-09	-8.58E-08	-2.48E-03	-1.73E+00	0.00E+00	0.00E+00	-2.04E+00	0.00E+00	-2.20E-01	0.00E+00	3.76E-09	-1.71E-08	-1.26E-03	0.00E+00	-3.05E-01	0.00E+00	-2.20E-01	-2.37E-05	-2.20E-01	-5.37E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
MCS325	-3.70E-02	-2.77E-01	-3.53E-03	-2.73E-01	0.00E+00	0.00E+00	-7.70E+00	-3.70E-03	-1.62E-03	-2.07E-02	0.00E+00	0.00E+00	-4.78E-09	-4.29E-07	-2.81E-02	-4.27E+00	0.00E+00	0.00E+00	-6.78E+00	0.00E+00	-2.34E+00	0.00E+00	-6.73E-09	-7.08E-08	-6.01E-03	0.00E+00	-9.43E-01	0.00E+00	-2.34E+00	-1.07E-04	-2.34E+00	-3.28E+00	-9.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+02
MCS332	-4.25E-02	-4.88E-01	-8.98E-03	-4.79E-01	0.00E+00	0.00E+00	-1.02E+01	-4.20E-03	-1.97E-03	-2.51E-02	0.00E+00	0.00E+00	-6.49E-09	-4.89E-07	-3.59E-02	-5.41E+00	0.00E+00	0.00E+00	-8.96E+00	0.00E+00	-4.85E+00	0.00E+00	-2.12E-08	-9.18E-08	-7.45E-03	0.00E+00	-1.28E+00	0.00E+00	-4.85E+00	-1.22E-04	-4.85E+00	-6.12E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
MCS340	-4.22E-02	-2.09E-01	-9.49E-03	-2.00E-01	0.00E+00	0.00E+00	-1.07E+01	-4.22E-03	-1.81E-03	-2.31E-02	0.00E+00	0.00E+00	-7.35E-09	-4.91E-07	-7.25E-03	-4.77E+00	0.00E+00	0.00E+00	-9.57E+00	0.00E+00	-4.80E+00	0.00E+00	-1.82E-08	-9.25E-08	-7.18E-03	0.00E+00	-1.10E+00	0.00E+00	-4.80E+00	-1.24E-04	-4.80E+00	-5.90E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-4.11E+02
MCS350	4.40E-03	3.39E-01	1.20E-02	3.27E-01	0.00E+00	0.00E+00	1.93E+00	-4.68E-05	3.29E-03	2.78E-03	0.00E+00	0.00E+00	-1.24E-09	3.03E-08	1.33E-02	4.61E-01	0.00E+00	0.00E+00	8.09E-01	0.00E+00	1.79E+00	0.00E+00	2.22E-08	2.79E-09	5.14E-04	0.00E+00	2.14E-01	0.00E+00	1.79E+00	-2.84E-06	1.79E+00	2.00E+00	2.14E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MCS363	4.35E-03	3.10E-01	1.29E-02	2.98E-01	0.00E+00	0.00E+00	2.09E+00	-4.59E-05	3.31E-03	2.62E-03	0.00E+00	0.00E+00	-8.76E-10	3.10E-08	-1.48E-02	-3.18E-01	0.00E+00	0.00E+00	9.85E-01	0.00E+00	1.53E+00	0.00E+00	2.21E-08	1.64E-09	4.82E-04	0.00E+00	-1.09E-02	0.00E+00	1.53E+00	-2.27E-06	1.53E+00	1.52E+00	-1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.34E+01
MCS506	-4.35E-03	1.28E-03	2.39E-03	-1.96E-02	0.00E+00	0.00E+00	-7.39E-01	-4.38E-04	2.07E-04	-2.70E-03	0.00E+00	0.00E+00	-1.34E-09	-5.85E-08	-3.30E-03	-1.29E+00	0.00E+00	0.00E+00	-9.82E-01	0.00E+00	-4.54E-02	0.00E+00	3.61E-09	-1.13E-08	-9.87E-04	0.00E+00	-1.92E-01	0.00E+00	-4.54E-02	-1.79E-05	-4.54E-02	-1.40E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-4.73E+01
MCS506E	-4.82E-03	-2.20E-02	3.06E-03	-1.96E-02	0.00E+00	0.00E+00	-9.40E-01	-5.61E-04	2.09E-04	-3.10E-03	0.00E+00	0.00E+00	-1.64E-09	-7.34E-08	-5.27E-03	-1.17E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-4.07E-01	0.00E+00	4.52E-09	-1.33E-08	-1.04E-03	0.00E+00	-2.01E-01	0.00E+00	-4.07E-01	-2.07E-05	-4.07E-01	-4.86E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.70E+01
MCS510	-5.42E-03	-1.70E-03	2.95E-03	-3.72E-02	0.00E+00	0.00E+00	-8.56E-01	-4.57E-04	2.57E-04	-2.34E-03	0.00E+00	0.00E+00	-1.56E-09	-5.64E-08	-3.72E-03	-1.43E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-1.99E-02	0.00E+00	4.32E-09	-1.03E-08	-1.12E-03	0.00E+00	-2.17E-01	0.00E+00	-1.99E-02	-1.42E-05	-1.99E-02	-1.97E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
MCS510E	-3.37E-03	-5.87E-03	2.44E-03	-2.49E-02	0.00E+00	0.00E+00	-8.10E-01	-3.43E-04	2.37E-04	-1.48E-03	0.00E+00	0.00E+00	-1.00E-09	-4.10E-08	-4.74E-03	-6.80E-01	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-1.84E-01	0.00E+00	4.38E-09	-7.58E-09	-8.00E-04	0.00E+00	-1.41E-01	0.00E+00	-1.84E-01	-1.21E-05	-1.84E-01	-3.33E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.99E+01
MCS513	2.51E-04	-1.05E-01	1.05E-03	-1.06E-01	0.00E+00	0.00E+00	8.88E-02	-4.22E-05	5.46E-04	-9.87E-04	0.00E+00	0.00E+00	-1.20E-09	3.17E-09	1.41E-03	-7.34E-01	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	-7.43E-01	0.00E+00	-8.69E-10	-8.75E-09	-5.03E-04	0.00E+00	-1.32E-01	0.00E+00	-7.43E-01	-2.40E-06	-7.43E-01	-8.75E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
MCS513E	-6.53E-03	-4.90E-02	2.56E-03	-6.24E-02	0.00E+00	0.00E+00	-9.96E-01	-4.80E-04	1.99E-04	-2.70E-03	0.00E+00	0.00E+00	-1.95E-09	-5.50E-08	-4.66E-03	-1.34E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-3.92E-01	0.00E+00	2.77E-09	-1.30E-08	-1.29E-03	0.00E+00	-2.72E-01	0.00E+00	-3.92E-01	-1.56E-05	-3.92E-01	-5.00E-01	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.68E+01
MCS516	-1.98E-03	6.16E-02	4.55E-03	5.70E-02	0.00E+00	0.00E+00	6.25E-01	-2.91E-04	3.84E-04	-7.57E-04	0.00E+00	0.00E+00	-1.32E-10	-2.74E-08	6.97E-03	-1.04E+00	0.00E+00	0.00E+00	4.41E-01	0.00E+00	1.25E+00	0.00E+00	9.87E-09	-5.83E-10	-1.89E-04	0.00E+00	-4.75E-02	0.00E+00	1.25E+00	-1.03E-05	1.25E+00	1.20E+00	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
MCS516E	-2.71E-03	1.33E-02	2.65E-03	-4.27E-03	0.00E+00	0.00E+00	-9.42E-01	-3.10E-04	2.71E-04	-1.65E-03	0.00E+00	0.00E+00	-7.67E-10	-4.08E-08	1.04E-03	-6.98E-01	0.00E+00	0.00E+00	-6.79E-01	0.00E+00	-2.31E-01	0.00E+00	6.29E-09	-6.17E-09	-5.23E-04	0.00E+00	-1.08E-01	0.00E+00	-2.31E-01	-1.19E-05	-2.31E-01	-4.99E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
MCS520	-5.31E-03	-5.20E-02	1.70E-03	-6.95E-02	0.00E+00	0.00E+00	-9.78E-01	-6.07E-04	3.53E-04	-3.00E-03	0.00E+00	0.00E+00	-1.66E-09	-8.02E-08	-3.36E-03	-1.58E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-2.31E-01	0.00E+00	4.24E-09	-1.44E-08	-1.33E-03	0.00E+00	-2.83E-01	0.00E+00	-2.31E-01	-1.53E-05	-2.31E-01	-4.30E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-5.51E+01
MCS520E	-3.28E-03	-4.08E-02	1.56E-03	-4.96E-02	0.00E+00	0.00E+00	-9.31E-01	-5.33E-04	3.45E-04	-2.04E-03	0.00E+00	0.00E+00	-9.03E-10	-7.22E-08	-2.31E-03	-8.50E-01	0.00E+00	0.00E+00	-8.68E-01	0.00E+00	-1.79E-01	0.00E+00	4.34E-09	-1.14E-08	-9.24E-04	0.00E+00	-2.04E-01	0.00E+00	-1.79E-01	-1.27E-05	-1.79E-01	-3.86E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
MCS525	-2.99E-03	-2.47E-02	2.95E-03	-3.60E-02	0.00E+00	0.00E+00	-4.78E-01	-3.74E-04	3.92E-04	-1.37E-03	0.00E+00	0.00E+00	-1.27E-09	-4.36E-08	-6.33E-03	-7.65E-01	0.00E+00	0.00E+00	-8.37E-01	0.00E+00	-2.23E-01	0.00E+00	4.69E-09	-9.51E-09	-7.66E-04	0.00E+00	-1.73E-01	0.00E+00	-2.23E-01	-1.23E-05	-2.23E-01	-5.37E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+01
MCS525E	-3.32E-03	-3.17E-02	3.00E-03	-5.06E-02	0.00E+00	0.00E+00	-4.74E-01	-4.03E-04	3.92E-04	-1.51E-03	0.00E+00	0.00E+00	-1.66E-09	-4.45E-08	-6.66E-03	-1.61E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.91E-01	0.00E+00	4.40E-09	-1.06E-08	-8.86E-04	0.00E+00	-3.04E-01	0.00E+00	-1.91E-01	-1.24E-05	-1.91E-01	-5.32E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
MCS532	-1.19E-02	2.61E-02	2.07E-03	2.25E-02	0.00E+00	0.00E+00	-1.28E+00	-9.66E-04	1.48E-04	-5.28E-03	0.00E+00	0.00E+00	-2.20E-09	-1.02E-07	-2.56E-03	-1.82E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	8.69E-01	0.00E+00	8.75E-09	-2.08E-08	-1.35E-03	0.00E+00	-3.00E-01	0.00E+00	8.69E-01	-3.26E-05	8.69E-01	4.41E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	-7.62E+01
MCS532E	-5.06E-03	1.21E-02	3.33E-03	-4.50E-02	0.00E+00	0.00E+00	-1.14E+00	-9.39E-04	6.46E-04	-5.44E-03	0.00E+00	0.00E+00	-1.93E-09	-8.63E-08	-8.06E-03	-1.85E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-2.45E-01	0.00E+00	5.71E-09	-1.60E-08	-1.71E-03	0.00E+00	-3.57E-01	0.00E+00	-2.45E-01	-2.22E-05	-2.45E-01	-7.56E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-7.05E+01
MCS540	-2.96E-03	7.50E-02	3.60E-03	7.82E-02	0.00E+00	0.00E+00	-1.01E+00	-1.00E-03	6.54E-04	-1.78E-03	0.00E+00	0.00E+00	-1.26E-09	-1.03E-07	-5.57E-03	-6.43E-01	0.00E+00	0.00E+00	-9.17E-01	0.00E+00	2.93E-01	0.00E+00	7.48E-09	-1.79E-08	-7.22E-04	0.00E+00	-1.16E-01	0.00E+00	2.93E-01	-1.52E-05	2.93E-01	-2.97E-02	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.15E+01
MCS540E	-5.71E-03	7.19E-02	3.35E-03	4.91E-02	0.00E+00	0.00E+00	-1.42E+00	-1.23E-03	5.29E-04	-4.22E-03	0.00E+00	0.00E+00	-2.11E-09	-1.37E-07	-5.39E-03	-1.81E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	1.07E-01	0.00E+00	8.00E-09	-2.34E-08	-1.49E-03	0.00E+00	-2.90E-01	0.00E+00	1.07E-01	-2.05E-05	1.07E-01	-1.85E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-6.76E+01
MCS550	-3.28E-03	5.94E-02	6.15E-03	2.22E-02	0.00E+00	0.00E+00	6.15E-01	-4.80E-04	1.91E-03	-4.35E-03	0.00E+00	0.00E+00	-1.68E-09	-6.00E-08	-2.93E-03	-1.31E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	1.18E+00	0.00E+00	9.86E-09	-1.35E-08	-1.66E-04	0.00E+00	-2.76E-01	0.00E+00	1.18E+00	-1.62E-05	1.18E+00	1.09E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-8.49E+00
MCS550E	-1.83E-03	7.28E-02	6.15E-03	2.69E-02	0.00E+00	0.00E+00	6.15E-01	-4.80E-04	1.89E-03	-2.96E-03	0.00E+00	0.00E+00	-1.66E-09	-4.81E-08	-3.14E-03	-1.29E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	1.20E+00	0.00E+00	1.01E-08	-6.85E-09	-1.55E-04	0.00E+00	-2.64E-01	0.00E+00	1.20E+00	-1.30E-05	1.20E+00	1.09E+00	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-8.27E+00
MCS563	-3.01E-03	1.22E-01	5.24E-03	1.07E-01	0.00E+00	0.00E+00	6.43E-01	-6.04E-04	2.10E-03	-3.96E-03	0.00E+00	0.00E+00	-1.83E-09	-4.22E-08	-1.74E-03	-1.21E+00	0.00E+00	0.00E+00	1.76E-01	0.00E+00	1.41E+00	0.00E+00	1.08E-08	-9.99E-09	-1.89E-04	0.00E+00	-2.80E-01	0.00E+00	1.41E+00	-1.73E-05	1.41E+00	1.31E+00	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.78E+00
MCS563E	-3.01E-03	1.15E-01	5.14E-03	1.03E-01	0.00E+00	0.00E+00	6.42E-01	-6.16E-04	2.12E-03	-3.98E-03	0.00E+00	0.00E+00	-1.93E-09	-4.23E-08	-1.75E-03	-1.23E+00	0.00E+00	0.00E+00	1.68E-01	0.00E+00	1.38E+00	0.00E+00	1.07E-08	-9.94E-09	-2.25E-04	0.00E+00	-2.62E-01	0.00E+00	1.38E+00	-1.75E-05	1.38E+00	1.30E+00	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.33E+00
MCS606	-9.28E-03	4.72E-02	3.63E-03	7.79E-02	0.00E+00	0.00E+00	-1.37E+00	-1.48E-03	-8.72E-06	-5.99E-03	0.00E+00	0.00E+00	-2.09E-09	-1.69E-07	-6.72E-03	-1.82E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	1.83E-01	0.00E+00	1.43E-08	-2.04E-08	-1.63E-03	0.00E+00	-2.89E-01	0.00E+00	1.83E-01	-3.52E-05	1.83E-01	8.38E-02	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.34E+01
MCS606E	-8.86E-03	4.64E-02	3.84E-03	7.74E-02	0.00E+00	0.00E+00	-1.46E+00	-1.48E-03	6.82E-06	-6.13E-03	0.00E+00	0.00E+00	-2.20E-09	-1.71E-07	-6.87E-03	-1.75E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	4.83E-01	0.00E+00	1.39E-08	-2.19E-08	-1.42E-03	0.00E+00	-2.59E-01	0.00E+00	4.83E-01	-3.57E-05	4.83E-01	1.81E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
MCS610	-1.23E-02	-6.56E-02	3.09E-03	-4.12E-02	0.00E+00	0.00E+00	-2.28E+00	-1.48E-03	-1.21E-04	-7.80E-03	0.00E+00	0.00E+00	-3.18E-09	-1.91E-07	-6.97E-03	-2.83E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	-1.28E+00	0.00E+00	8.75E-09	-2.17E-08	-2.05E-03	0.00E+00	-4.27E-01	0.00E+00	-1.28E+00	-3.76E-05	-1.28E+00	-2.27E+00	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MCS610E	-1.12E-02	-4.43E-02	3.91E-03	-2.30E-02	0.00E+00	0.00E+00	-1.85E+00	-1.47E-03	-2.50E-05	-7.64E-03	0.00E+00	0.00E+00	-3.09E-09	-1.90E-07	-6.11E-03	-2.28E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	3.37E-01	0.00E+00	9.06E-09	-2.18E-08	-1.74E-03	0.00E+00	-4.06E-01	0.00E+00	3.37E-01	-3.26E-05	3.37E-01	-3.74E-01	-4.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MCS613	-2.12E-02	-4.62E-01	-7.12E-03	-4.55E-01	0.00E+00	0.00E+00	-5.34E+00	-2.03E-03	-1.12E-03	-1.41E-02	0.00E+00	0.00E+00	-5.01E-09	-2.36E-07	-4.23E-02	-3.78E+00	0.00E+00	0.00E+00	-6.17E+00	0.00E+00	-4.57E+00	0.00E+00	-1.80E-08	-6.18E-08	-4.52E-03	0.00E+00	-1.04E+00	0.00E+00	-4.57E+00	-6.53E-05	-4.57E+00	-5.61E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MCS613E	-1.58E-02	-1.71E-01	7.38E-04	-1.50E-01	0.00E+00	0.00E+00	-3.35E+00	-1.43E-03	-3.85E-04	-1.01E-02	0.00E+00	0.00E+00	-3.90E-09	-2.10E-07	-7.97E-03	-2.94E+00	0.00E+00	0.00E+00	-3.99E+00	0.00E+00	-2.30E+00	0.00E+00	2.58E-09	-2.55E-08	-3.22E-03	0.00E+00	-6.51E-01	0.00E+00	-2.30E+00	-5.10E-05	-2.30E+00	-3.10E+00	-6.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
MCS616	-1.93E-02	-1.06E-01	1.69E-03	-1.07E-01	0.00E+00	0.00E+00	-2.72E+00	-1.94E-03	-7.98E-04	-1.03E-02	0.00E+00	0.00E+00	-2.32E-09	-2.24E-07	-2.96E-02	-4.11E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-9.42E-02	0.00E+00	6.72E-09	-3.47E-08	-2.95E-03	0.00E+00	-8.08E-01	0.00E+00	-9.42E-02	-6.02E-05	-9.42E-02	-9.03E-01	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MCS616E	-1.01E-02	-6.17E-02	1.95E-03	-9.00E-02	0.00E+00	0.00E+00	-3.15E+00	-1.66E-03	-3.91E-04	-8.82E-03	0.00E+00	0.00E+00	-2.93E-09	-2.00E-07	-2.51E-02	-2.64E+00	0.00E+00	0.00E+00	-3.48E+00	0.00E+00	-7.31E-01	0.00E+00	1.05E-08	-3.43E-08	-3.07E-03	0.00E+00	-3.44E-01	0.00E+00	-7.31E-01	-5.22E-05	-7.31E-01	-1.81E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MCS620	-2.71E-02	1.32E-01	9.10E-04	1.31E-01	0.00E+00	0.00E+00	-4.95E+00	-2.77E-03	-9.77E-04	-1.27E-02	0.00E+00	0.00E+00	-3.71E-09	-3.21E-07	-2.93E-02	-3.66E+00	0.00E+00	0.00E+00	-5.14E+00	0.00E+00	-5.05E-01	0.00E+00	9.20E-09	-4.89E-08	-3.88E-03	0.00E+00	-8.20E-01	0.00E+00	-5.05E-01	-8.03E-05	-5.05E-01	-1.32E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+02
MCS620E	-2.08E-02	-1.05E-01	6.46E-04	-8.40E-02	0.00E+00	0.00E+00	-3.93E+00	-2.45E-03	-6.01E-04	-1.28E-02	0.00E+00	0.00E+00	-3.52E-09	-2.73E-07	-1.21E-02	-2.80E+00	0.00E+00	0.00E+00	-4.34E+00	0.00E+00	-1.32E+00	0.00E+00	5.37E-09	-4.36E-08	-3.77E-03	0.00E+00	-4.64E-01	0.00E+00	-1.32E+00	-5.08E-05	-1.32E+00	-2.42E+00	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+02
MCS625	-4.84E-02	4.36E-02	-2.47E-03	4.61E-02	0.00E+00	0.00E+00	-1.01E+01	-4.93E-03	-1.89E-03	-2.44E-02	0.00E+00	0.00E+00	-6.56E-09	-5.72E-07	4.55E-03	-4.01E+00	0.00E+00	0.00E+00	-8.62E+00	0.00E+00	-1.59E+00	0.00E+00	2.19E-09	-8.63E-08	-7.27E-03	0.00E+00	-7.89E-01	0.00E+00	-1.59E+00	-1.43E-04	-1.59E+00	-2.38E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
MCS625E	-1.13E-02	-6.24E-02	-1.32E-04	-3.42E-02	0.00E+00	0.00E+00	-2.48E+00	-2.55E-03	-9.83E-04	-1.11E-02	0.00E+00	0.00E+00	-3.71E-09	-2.85E-07	-7.79E-03	-2.74E+00	0.00E+00	0.00E+00	-2.97E+00	0.00E+00	2.00E-01	0.00E+00	6.29E-09	-5.84E-08	-4.28E-03	0.00E+00	-3.42E-01	0.00E+00	2.00E-01	-2.90E-05	2.00E-01	-2.08E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
MCS632	-2.38E-02	-5.33E-02	-1.47E-04	2.16E-02	0.00E+00	0.00E+00	-4.67E+00	-2.52E-03	1.38E-03	-1.36E-02	0.00E+00	0.00E+00	-5.28E-09	-2.60E-07	-8.36E-03	-3.27E+00	0.00E+00	0.00E+00	-5.07E+00	0.00E+00	-8.57E-01	0.00E+00	9.75E-09	-4.06E-08	-2.54E-03	0.00E+00	-6.59E-01	0.00E+00	-8.57E-01	-7.04E-05	-8.57E-01	-1.45E+00	-6.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
MCS632E	-3.74E-02	1.23E-01	-8.85E-04	2.45E-02	0.00E+00	0.00E+00	-5.98E+00	-4.48E-03	3.88E-04	-1.30E-02	0.00E+00	0.00E+00	-3.65E-09	-3.27E-07	-1.52E-02	-3.51E+00	0.00E+00	0.00E+00	-5.83E+00	0.00E+00	-1.14E+00	0.00E+00	1.67E-09	-3.17E-08	-3.65E-03	0.00E+00	-7.71E-01	0.00E+00	-1.14E+00	-9.47E-05	-1.14E+00	-1.77E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
MCS640	-2.68E-02	-3.81E-02	2.25E-03	-1.80E-02	0.00E+00	0.00E+00	-4.39E+00	-2.78E-03	1.40E-03	-1.59E-02	0.00E+00	0.00E+00	-3.43E-09	-2.26E-07	-7.48E-03	-3.36E+00	0.00E+00	0.00E+00	-4.56E+00	0.00E+00	-6.85E-01	0.00E+00	8.99E-09	-4.41E-08	-2.51E-03	0.00E+00	-7.66E-01	0.00E+00	-6.85E-01	-7.54E-05	-6.85E-01	-1.12E+00	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
MCS640E	-4.32E-02	8.46E-02	2.47E-03	-3.77E-01	0.00E+00	0.00E+00	-5.08E+00	-5.44E-03	1.43E-03	-2.74E-02	0.00E+00	0.00E+00	-5.89E-09	-5.17E-07	-1.42E-02	-3.47E+00	0.00E+00	0.00E+00	-4.76E+00	0.00E+00	-1.68E+00	0.00E+00	8.01E-09	-8.33E-08	-7.72E-03	0.00E+00	-7.17E-01	0.00E+00	-1.68E+00	-1.29E-04	-1.68E+00	-2.42E+00	-7.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MCU110P	-2.28E-03	-1.17E-01	-2.61E-04	-1.17E-01	0.00E+00	0.00E+00	-1.00E+00	-2.38E-04	-1.01E-04	-1.45E-03	0.00E+00	0.00E+00	-5.91E-10	-3.03E-08	-3.35E-04	-4.30E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.11E+00	0.00E+00	-3.10E-09	-1.39E-08	-4.75E-04	0.00E+00	-5.06E-01	0.00E+00	-1.11E+00	-7.62E-06	-1.11E+00	-1.55E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MCU116P	-2.40E-03	-1.18E-01	-2.62E-04	-1.18E-01	0.00E+00	0.00E+00	-1.01E+00	-2.38E-04	-1.07E-04	-1.53E-03	0.00E+00	0.00E+00	-5.80E-10	-2.99E-08	-3.44E-04	-4.30E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-1.15E+00	0.00E+00	-3.09E-09	-1.48E-08	-4.99E-04	0.00E+00	-5.13E-01	0.00E+00	-1.15E+00	-7.47E-06	-1.15E+00	-1.59E+00	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.42E+01
MCU120P	-2.40E-03	-1.19E-01	-2.85E-04	-1.20E-01	0.00E+00	0.00E+00	-1.08E+00	-2.45E-04	-1.06E-04	-1.50E-03	0.00E+00	0.00E+00	-5.94E-10	-3.14E-08	-6.56E-04	-4.20E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-1.15E+00	0.00E+00	-3.09E-09	-1.44E-08	-5.28E-04	0.00E+00	-5.08E-01	0.00E+00	-1.15E+00	-7.71E-06	-1.15E+00	-1.59E+00	-5.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
MCU125P	-7.34E-03	-2.01E-01	-1.53E-03	-1.85E-01	0.00E+00	0.00E+00	-2.66E+00	-6.34E-04	-3.29E-04	-4.56E-03	0.00E+00	0.00E+00	-1.47E-09	-9.62E-08	-7.97E-03	-9.36E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.41E+00	0.00E+00	-6.15E-09	-2.26E-08	-1.86E-03	0.00E+00	-9.87E-01	0.00E+00	-1.41E+00	-2.05E-05	-1.41E+00	-2.20E+00	-9.87E-01	0.00E+00	0.00E+00	0.00E+00	-9.26E+01
MCU132P	-8.38E-03	-2.09E-01	-1.60E-03	-1.88E-01	0.00E+00	0.00E+00	-2.87E+00	-9.27E-04	-3.34E-04	-5.15E-03	0.00E+00	0.00E+00	-1.66E-09	-1.04E-07	-7.55E-03	-9.26E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-1.42E+00	0.00E+00	-6.45E-09	-2.36E-08	-2.16E-03	0.00E+00	-8.80E-01	0.00E+00	-1.42E+00	-2.65E-05	-1.42E+00	-2.26E+00	-8.80E-01	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MCU140P	-8.72E-03	-2.08E-01	-1.58E-03	-1.88E-01	0.00E+00	0.00E+00	-2.84E+00	-1.01E-03	-3.41E-04	-5.77E-03	0.00E+00	0.00E+00	-1.67E-09	-1.13E-07	-7.65E-03	-9.06E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-1.43E+00	0.00E+00	-6.54E-09	-2.36E-08	-2.18E-03	0.00E+00	-8.89E-01	0.00E+00	-1.43E+00	-2.69E-05	-1.43E+00	-2.26E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MCU150P	-5.81E-03	-5.42E-02	4.88E-04	-6.86E-02	0.00E+00	0.00E+00	-1.42E+00	-6.40E-04	1.23E-04	-4.92E-03	0.00E+00	0.00E+00	-1.41E-09	-9.59E-08	-3.02E-03	-4.52E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-2.16E-01	0.00E+00	3.40E-09	-1.34E-08	-1.50E-03	0.00E+00	-5.12E-01	0.00E+00	-2.16E-01	-1.92E-05	-2.16E-01	-6.44E-01	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MCU163P	-8.99E-03	-9.28E-02	7.39E-04	-8.65E-02	0.00E+00	0.00E+00	-2.17E+00	-9.60E-04	5.75E-05	-4.88E-03	0.00E+00	0.00E+00	-1.44E-09	-1.04E-07	-3.07E-03	-4.54E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-1.62E-01	0.00E+00	2.57E-09	-1.92E-08	-1.58E-03	0.00E+00	-5.60E-01	0.00E+00	-1.62E-01	-2.54E-05	-1.62E-01	-8.74E-01	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-8.44E+01
MCU206P	-7.57E-03	-3.35E-01	-4.86E-03	-3.74E-01	0.00E+00	0.00E+00	-2.40E+00	-6.47E-04	-6.03E-04	-6.14E-03	0.00E+00	0.00E+00	-2.75E-09	-8.03E-08	-2.05E-02	-6.14E+00	0.00E+00	0.00E+00	-3.06E+00	0.00E+00	-3.30E+00	0.00E+00	-1.40E-08	-3.35E-08	-1.99E-03	0.00E+00	-1.52E+00	0.00E+00	-3.30E+00	-2.19E-05	-3.30E+00	-4.68E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MCU210P	-5.55E-03	-3.12E-01	-3.42E-03	-3.09E-01	0.00E+00	0.00E+00	-1.66E+00	-5.15E-04	-3.03E-04	-5.14E-03	0.00E+00	0.00E+00	-2.20E-09	-6.42E-08	-1.23E-02	-7.02E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-2.65E+00	0.00E+00	-1.03E-08	-2.80E-08	-1.48E-03	0.00E+00	-1.20E+00	0.00E+00	-2.65E+00	-1.70E-05	-2.65E+00	-3.77E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-9.74E+01
MCU216P	-5.85E-03	-3.12E-01	-3.45E-03	-3.16E-01	0.00E+00	0.00E+00	-1.77E+00	-5.44E-04	-3.07E-04	-5.20E-03	0.00E+00	0.00E+00	-2.30E-09	-6.61E-08	-1.23E-02	-7.03E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-2.69E+00	0.00E+00	-1.04E-08	-2.90E-08	-1.76E-03	0.00E+00	-1.23E+00	0.00E+00	-2.69E+00	-1.78E-05	-2.69E+00	-3.80E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MCU220P	-7.20E-03	-3.65E-01	-4.07E-03	-3.82E-01	0.00E+00	0.00E+00	-2.63E+00	-7.77E-04	-5.17E-04	-5.36E-03	0.00E+00	0.00E+00	-2.73E-09	-7.52E-08	-2.14E-02	-1.05E+01	0.00E+00	0.00E+00	-3.23E+00	0.00E+00	-3.19E+00	0.00E+00	-1.38E-08	-3.51E-08	-2.19E-03	0.00E+00	-8.59E-01	0.00E+00	-3.19E+00	-2.37E-05	-3.19E+00	-4.41E+00	-8.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
MCU225P	-1.13E-02	-4.86E-01	-5.13E-03	-4.59E-01	0.00E+00	0.00E+00	-3.66E+00	-1.02E-03	-7.36E-04	-6.92E-03	0.00E+00	0.00E+00	-3.13E-09	-1.26E-07	-2.42E-02	-1.32E+01	0.00E+00	0.00E+00	-4.05E+00	0.00E+00	-3.67E+00	0.00E+00	-1.58E-08	-4.24E-08	-2.69E-03	0.00E+00	-2.18E+00	0.00E+00	-3.67E+00	-3.39E-05	-3.67E+00	-5.42E+00	-2.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MCU232P	-1.12E-02	-4.92E-01	-5.28E-03	-4.60E-01	0.00E+00	0.00E+00	-3.89E+00	-1.13E-03	-7.51E-04	-6.95E-03	0.00E+00	0.00E+00	-3.19E-09	-1.20E-07	-2.35E-02	-1.32E+01	0.00E+00	0.00E+00	-4.25E+00	0.00E+00	-3.70E+00	0.00E+00	-1.54E-08	-4.29E-08	-2.79E-03	0.00E+00	-2.22E+00	0.00E+00	-3.70E+00	-3.46E-05	-3.70E+00	-5.43E+00	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.75E+02
MCU240P	-1.64E-02	-4.94E-01	-5.75E-03	-4.66E-01	0.00E+00	0.00E+00	-4.86E+00	-1.29E-03	-9.44E-04	-1.04E-02	0.00E+00	0.00E+00	-3.34E-09	-1.97E-07	-2.41E-02	-1.35E+01	0.00E+00	0.00E+00	-4.78E+00	0.00E+00	-3.73E+00	0.00E+00	-1.63E-08	-5.31E-08	-3.37E-03	0.00E+00	-2.25E+00	0.00E+00	-3.73E+00	-4.73E-05	-3.73E+00	-5.81E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
MCU250P	-1.26E-02	-1.73E-01	-2.60E-03	-8.72E-02	0.00E+00	0.00E+00	-3.36E+00	-9.24E-04	-2.21E-04	-3.49E-03	0.00E+00	0.00E+00	-2.06E-09	-6.08E-08	-7.57E-03	-5.52E+00	0.00E+00	0.00E+00	-3.39E+00	0.00E+00	-1.10E+00	0.00E+00	2.97E-09	-2.34E-08	-1.28E-03	0.00E+00	-1.13E+00	0.00E+00	-1.10E+00	-2.45E-05	-1.10E+00	-1.50E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MCU263P	-2.03E-02	-1.94E-01	-3.43E-03	-7.79E-02	0.00E+00	0.00E+00	-4.18E+00	-1.45E-03	-2.53E-04	-6.36E-03	0.00E+00	0.00E+00	-3.45E-09	-1.77E-07	-9.68E-03	-4.65E+00	0.00E+00	0.00E+00	-3.99E+00	0.00E+00	-8.36E-01	0.00E+00	2.85E-09	-4.26E-08	-2.86E-03	0.00E+00	-1.21E+00	0.00E+00	-8.36E-01	-5.09E-05	-8.36E-01	-1.50E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MCU306P	-1.37E-02	-4.51E-01	-6.62E-03	-5.40E-01	0.00E+00	0.00E+00	-2.73E+00	-1.32E-03	-6.88E-04	-8.84E-03	0.00E+00	0.00E+00	-3.85E-09	-1.30E-07	-2.87E-02	-6.30E+00	0.00E+00	0.00E+00	-4.30E+00	0.00E+00	-4.07E+00	0.00E+00	-1.64E-08	-5.00E-08	-3.05E-03	0.00E+00	-2.12E+00	0.00E+00	-4.07E+00	-3.62E-05	-4.07E+00	-5.85E+00	-2.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MCU310P	-9.58E-03	-4.25E-01	-5.19E-03	-4.95E-01	0.00E+00	0.00E+00	-2.28E+00	-8.17E-04	-4.20E-04	-7.48E-03	0.00E+00	0.00E+00	-3.29E-09	-1.00E-07	-2.27E-02	-6.48E+00	0.00E+00	0.00E+00	-3.45E+00	0.00E+00	-3.62E+00	0.00E+00	-1.46E-08	-4.02E-08	-2.36E-03	0.00E+00	-1.08E+00	0.00E+00	-3.62E+00	-2.46E-05	-3.62E+00	-4.79E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
MCU316P	-8.20E-03	-3.84E-01	-4.54E-03	-4.33E-01	0.00E+00	0.00E+00	-2.31E+00	-6.63E-04	-4.12E-04	-6.67E-03	0.00E+00	0.00E+00	-2.99E-09	-8.24E-08	-1.66E-02	-6.61E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-3.44E+00	0.00E+00	-1.38E-08	-3.46E-08	-2.27E-03	0.00E+00	-1.10E+00	0.00E+00	-3.44E+00	-2.65E-05	-3.44E+00	-4.25E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MCU320P	-1.51E-02	-4.41E-01	-6.28E-03	-5.04E-01	0.00E+00	0.00E+00	-3.56E+00	-1.22E-03	-7.66E-04	-9.57E-03	0.00E+00	0.00E+00	-3.63E-09	-1.47E-07	-3.04E-02	-1.32E+01	0.00E+00	0.00E+00	-4.24E+00	0.00E+00	-4.06E+00	0.00E+00	-1.48E-08	-4.59E-08	-2.95E-03	0.00E+00	-9.72E-01	0.00E+00	-4.06E+00	-3.72E-05	-4.06E+00	-5.50E+00	-9.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MCU325P	-2.31E-02	-6.11E-01	-7.98E-03	-6.40E-01	0.00E+00	0.00E+00	-4.69E+00	-1.93E-03	-1.15E-03	-1.31E-02	0.00E+00	0.00E+00	-4.33E-09	-2.36E-07	-3.45E-02	-1.67E+01	0.00E+00	0.00E+00	-5.17E+00	0.00E+00	-4.65E+00	0.00E+00	-1.72E-08	-6.69E-08	-4.04E-03	0.00E+00	-2.96E+00	0.00E+00	-4.65E+00	-5.80E-05	-4.65E+00	-7.17E+00	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MCU332P	-2.82E-02	-6.16E-01	-8.46E-03	-6.42E-01	0.00E+00	0.00E+00	-5.56E+00	-2.49E-03	-1.37E-03	-1.86E-02	0.00E+00	0.00E+00	-5.18E-09	-3.28E-07	-3.55E-02	-1.73E+01	0.00E+00	0.00E+00	-5.29E+00	0.00E+00	-4.75E+00	0.00E+00	-1.77E-08	-8.14E-08	-5.32E-03	0.00E+00	-3.03E+00	0.00E+00	-4.75E+00	-8.61E-05	-4.75E+00	-7.34E+00	-3.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MCU340P	-2.78E-02	-6.17E-01	-8.47E-03	-6.41E-01	0.00E+00	0.00E+00	-6.98E+00	-2.45E-03	-1.58E-03	-1.97E-02	0.00E+00	0.00E+00	-5.68E-09	-3.67E-07	-3.39E-02	-1.73E+01	0.00E+00	0.00E+00	-6.45E+00	0.00E+00	-4.69E+00	0.00E+00	-1.73E-08	-8.27E-08	-5.14E-03	0.00E+00	-3.03E+00	0.00E+00	-4.69E+00	-9.62E-05	-4.69E+00	-7.23E+00	-3.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
MCU350P	-3.33E-02	-2.02E-01	-5.29E-03	-1.37E-01	0.00E+00	0.00E+00	-3.55E+00	-2.20E-03	-1.30E-03	-1.78E-02	0.00E+00	0.00E+00	-4.83E-09	-3.39E-07	-1.71E-02	-4.12E+00	0.00E+00	0.00E+00	-3.70E+00	0.00E+00	-7.35E-01	0.00E+00	-2.70E-10	-6.76E-08	-3.46E-03	0.00E+00	-1.12E+00	0.00E+00	-7.35E-01	-1.06E-04	-7.35E-01	-1.41E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MCU363P	-3.51E-02	-1.66E-01	-4.92E-03	-1.75E-01	0.00E+00	0.00E+00	-6.82E+00	-2.80E-03	-1.47E-03	-1.94E-02	0.00E+00	0.00E+00	-5.21E-09	-3.92E-07	-1.61E-02	-4.18E+00	0.00E+00	0.00E+00	-5.71E+00	0.00E+00	-1.06E+00	0.00E+00	-8.12E-10	-6.73E-08	-4.41E-03	0.00E+00	-1.16E+00	0.00E+00	-1.06E+00	-1.06E-04	-1.06E+00	-1.93E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E+02
MCU406P	-6.67E-03	-3.73E-01	-3.67E-03	-4.08E-01	0.00E+00	0.00E+00	-2.14E+00	-7.65E-04	-3.23E-04	-5.06E-03	0.00E+00	0.00E+00	-1.55E-09	-7.00E-08	-1.60E-02	-6.66E+00	0.00E+00	0.00E+00	-2.62E+00	0.00E+00	-2.87E+00	0.00E+00	-1.16E-08	-2.69E-08	-1.85E-03	0.00E+00	-1.89E+00	0.00E+00	-2.87E+00	-1.87E-05	-2.87E+00	-4.17E+00	-1.89E+00	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
MCU410P	-1.14E-02	-4.42E-01	-6.03E-03	-5.20E-01	0.00E+00	0.00E+00	-2.77E+00	-1.19E-03	-5.41E-04	-9.78E-03	0.00E+00	0.00E+00	-3.66E-09	-1.33E-07	-2.39E-02	-5.98E+00	0.00E+00	0.00E+00	-3.96E+00	0.00E+00	-3.92E+00	0.00E+00	-1.62E-08	-3.98E-08	-2.88E-03	0.00E+00	-9.92E-01	0.00E+00	-3.92E+00	-3.86E-05	-3.92E+00	-5.23E+00	-9.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MCU416P	-1.45E-02	-4.42E-01	-6.43E-03	-5.26E-01	0.00E+00	0.00E+00	-2.84E+00	-1.41E-03	-7.62E-04	-9.46E-03	0.00E+00	0.00E+00	-3.91E-09	-1.73E-07	-2.50E-02	-6.13E+00	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-4.08E+00	0.00E+00	-1.62E-08	-4.39E-08	-3.39E-03	0.00E+00	-1.01E+00	0.00E+00	-4.08E+00	-4.64E-05	-4.08E+00	-5.44E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MCU420P	-2.25E-02	-4.74E-01	-6.91E-03	-5.70E-01	0.00E+00	0.00E+00	-4.52E+00	-1.79E-03	-1.12E-03	-1.47E-02	0.00E+00	0.00E+00	-4.29E-09	-2.12E-07	-2.97E-02	-1.32E+01	0.00E+00	0.00E+00	-4.81E+00	0.00E+00	-4.21E+00	0.00E+00	-1.62E-08	-6.59E-08	-4.19E-03	0.00E+00	-9.93E-01	0.00E+00	-4.21E+00	-6.00E-05	-4.21E+00	-5.95E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+02
MCU425P	-3.17E-02	-6.10E-01	-7.86E-03	-6.40E-01	0.00E+00	0.00E+00	-5.31E+00	-2.59E-03	-1.08E-03	-1.88E-02	0.00E+00	0.00E+00	-5.12E-09	-2.89E-07	-3.24E-02	-1.72E+01	0.00E+00	0.00E+00	-5.73E+00	0.00E+00	-4.54E+00	0.00E+00	-1.70E-08	-7.73E-08	-4.88E-03	0.00E+00	-2.82E+00	0.00E+00	-4.54E+00	-8.85E-05	-4.54E+00	-7.09E+00	-2.82E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+02
MCU432P	-3.10E-02	-6.14E-01	-7.94E-03	-6.40E-01	0.00E+00	0.00E+00	-6.40E+00	-2.60E-03	5.18E-04	-1.97E-02	0.00E+00	0.00E+00	-6.19E-09	-2.93E-07	-3.30E-02	-1.72E+01	0.00E+00	0.00E+00	-6.77E+00	0.00E+00	-4.58E+00	0.00E+00	-1.67E-08	-7.88E-08	-4.88E-03	0.00E+00	-2.83E+00	0.00E+00	-4.58E+00	-8.03E-05	-4.58E+00	-7.17E+00	-2.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E+02
MCU440P	-3.04E-02	-6.17E-01	-8.19E-03	-6.40E-01	0.00E+00	0.00E+00	-7.91E+00	-2.84E-03	3.65E-04	-2.21E-02	0.00E+00	0.00E+00	-6.74E-09	-3.72E-07	-3.30E-02	-1.73E+01	0.00E+00	0.00E+00	-7.33E+00	0.00E+00	-4.46E+00	0.00E+00	-1.68E-08	-8.27E-08	-5.19E-03	0.00E+00	-2.87E+00	0.00E+00	-4.46E+00	-8.84E-05	-4.46E+00	-6.97E+00	-2.87E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
MCU450P	-4.60E-02	-2.06E-01	-5.52E-03	-1.70E-01	0.00E+00	0.00E+00	-8.52E+00	-3.86E-03	-2.23E-03	-2.71E-02	0.00E+00	0.00E+00	-7.82E-09	-4.59E-07	-2.12E-02	-4.59E+00	0.00E+00	0.00E+00	-7.96E+00	0.00E+00	-1.81E+00	0.00E+00	-7.46E-09	-9.77E-08	-7.74E-03	0.00E+00	-1.34E+00	0.00E+00	-1.81E+00	-1.31E-04	-1.81E+00	-2.59E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-3.38E+02
MCU463P	-4.20E-02	-1.96E-01	-5.34E-03	-1.73E-01	0.00E+00	0.00E+00	-9.66E+00	-3.56E-03	-1.55E-03	-2.48E-02	0.00E+00	0.00E+00	-7.68E-09	-4.38E-07	-1.78E-02	-4.43E+00	0.00E+00	0.00E+00	-8.33E+00	0.00E+00	-1.49E+00	0.00E+00	-7.89E-09	-8.81E-08	-7.27E-03	0.00E+00	-1.27E+00	0.00E+00	-1.49E+00	-1.22E-04	-1.49E+00	-2.39E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.70E+02
MCX106P	-4.21E-03	-1.89E-01	-1.42E-03	-1.82E-01	0.00E+00	0.00E+00	-1.76E+00	-3.96E-04	-2.94E-04	-3.79E-03	0.00E+00	0.00E+00	-1.30E-09	-5.27E-08	-6.42E-03	-4.53E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-1.31E+00	0.00E+00	-5.86E-09	-1.91E-08	-1.22E-03	0.00E+00	-1.25E+00	0.00E+00	-1.31E+00	-1.21E-05	-1.31E+00	-2.12E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-7.09E+01
MCX110P	-2.95E-03	-1.59E-01	-1.05E-03	-1.59E-01	0.00E+00	0.00E+00	-1.48E+00	-3.31E-04	-2.01E-04	-3.01E-03	0.00E+00	0.00E+00	-8.35E-10	-4.01E-08	-4.14E-03	-3.21E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-1.32E+00	0.00E+00	-5.71E-09	-1.82E-08	-1.02E-03	0.00E+00	-4.86E-01	0.00E+00	-1.32E+00	-9.76E-06	-1.32E+00	-1.82E+00	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-6.18E+01
MCX116P	-3.62E-03	-1.71E-01	-1.05E-03	-1.60E-01	0.00E+00	0.00E+00	-1.60E+00	-3.78E-04	-2.11E-04	-3.15E-03	0.00E+00	0.00E+00	-1.03E-09	-4.56E-08	-4.35E-03	-3.26E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.31E+00	0.00E+00	-5.67E-09	-1.91E-08	-1.20E-03	0.00E+00	-5.33E-01	0.00E+00	-1.31E+00	-1.06E-05	-1.31E+00	-1.94E+00	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-6.85E+01
MCX120P	-4.13E-03	-1.84E-01	-1.05E-03	-1.68E-01	0.00E+00	0.00E+00	-2.27E+00	-4.79E-04	-2.51E-04	-3.41E-03	0.00E+00	0.00E+00	-1.22E-09	-6.31E-08	-5.78E-03	-7.44E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-1.33E+00	0.00E+00	-5.66E-09	-2.00E-08	-1.55E-03	0.00E+00	-9.22E-01	0.00E+00	-1.33E+00	-1.29E-05	-1.33E+00	-2.02E+00	-9.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01

MCX125P	-7.28E-03	-2.05E-01	-1.53E-03	-1.91E-01	0.00E+00	0.00E+00	-2.69E+00	-6.35E-04	-3.59E-04	-4.44E-03	0.00E+00	0.00E+00	-1.50E-09	-9.44E-08	-7.96E-03	-8.23E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-1.39E+00	0.00E+00	-6.15E-09	-2.18E-08	-1.77E-03	0.00E+00	-1.66E+00	0.00E+00	-1.39E+00	-2.00E-05	-1.39E+00	-2.27E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-9.11E+01
MCX132P	-8.84E-03	-2.06E-01	-1.58E-03	-1.90E-01	0.00E+00	0.00E+00	-2.92E+00	-9.08E-04	-3.61E-04	-5.17E-03	0.00E+00	0.00E+00	-1.69E-09	-1.09E-07	-7.62E-03	-8.21E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-1.40E+00	0.00E+00	-6.13E-09	-2.24E-08	-2.01E-03	0.00E+00	-1.66E+00	0.00E+00	-1.40E+00	-2.61E-05	-1.40E+00	-2.30E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
MCX140P	-8.65E-03	-2.06E-01	-1.49E-03	-1.91E-01	0.00E+00	0.00E+00	-2.93E+00	-9.65E-04	-3.63E-04	-5.46E-03	0.00E+00	0.00E+00	-1.70E-09	-1.11E-07	-7.80E-03	-8.08E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-1.41E+00	0.00E+00	-6.28E-09	-2.31E-08	-2.11E-03	0.00E+00	-1.66E+00	0.00E+00	-1.41E+00	-2.64E-05	-1.41E+00	-2.31E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-9.96E+01
MD106P	-4.42E-03	-1.81E-01	-1.42E-03	-1.66E-01	0.00E+00	0.00E+00	-1.74E+00	-4.42E-04	-2.77E-04	-3.60E-03	0.00E+00	0.00E+00	-1.32E-09	-6.18E-08	-6.43E-03	-5.39E+00	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-1.32E+00	0.00E+00	-5.84E-09	-1.94E-08	-1.26E-03	0.00E+00	-1.32E+00	0.00E+00	-1.32E+00	-1.42E-05	-1.32E+00	-2.02E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
MD110P	-3.23E-03	-1.52E-01	-1.04E-03	-1.46E-01	0.00E+00	0.00E+00	-1.50E+00	-3.32E-04	-2.04E-04	-2.92E-03	0.00E+00	0.00E+00	-8.98E-10	-4.27E-08	-3.84E-03	-4.08E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-1.34E+00	0.00E+00	-5.60E-09	-1.81E-08	-1.02E-03	0.00E+00	-5.30E-01	0.00E+00	-1.34E+00	-9.59E-06	-1.34E+00	-1.71E+00	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-6.45E+01
MD116P	-3.45E-03	-1.67E-01	-1.02E-03	-1.46E-01	0.00E+00	0.00E+00	-1.60E+00	-3.60E-04	-2.14E-04	-2.95E-03	0.00E+00	0.00E+00	-1.05E-09	-4.48E-08	-4.43E-03	-4.18E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-1.34E+00	0.00E+00	-5.64E-09	-1.92E-08	-1.14E-03	0.00E+00	-5.95E-01	0.00E+00	-1.34E+00	-9.81E-06	-1.34E+00	-1.87E+00	-5.95E-01	0.00E+00	0.00E+00	0.00E+00	-7.00E+01
MD120P	-3.30E-03	-1.71E-01	-1.05E-03	-1.50E-01	0.00E+00	0.00E+00	-2.17E+00	-4.62E-04	-2.10E-04	-2.89E-03	0.00E+00	0.00E+00	-6.89E-10	-6.22E-08	-5.89E-03	-8.30E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-1.34E+00	0.00E+00	-5.56E-09	-1.92E-08	-1.51E-03	0.00E+00	-8.92E-01	0.00E+00	-1.34E+00	-1.11E-05	-1.34E+00	-1.90E+00	-8.92E-01	0.00E+00	0.00E+00	0.00E+00	-7.53E+01
MD132P	-7.64E-03	-2.05E-01	-1.56E-03	-1.81E-01	0.00E+00	0.00E+00	-2.78E+00	-9.31E-04	-3.00E-04	-4.66E-03	0.00E+00	0.00E+00	-1.63E-09	-1.11E-07	-7.73E-03	-9.47E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-1.41E+00	0.00E+00	-6.43E-09	-2.29E-08	-2.14E-03	0.00E+00	-1.69E+00	0.00E+00	-1.41E+00	-2.38E-05	-1.41E+00	-2.22E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
MD206P	-6.21E-03	-2.57E-01	-2.40E-03	-2.78E-01	0.00E+00	0.00E+00	-2.34E+00	-5.40E-04	-5.02E-04	-5.74E-03	0.00E+00	0.00E+00	-2.64E-09	-8.31E-08	-1.92E-02	-5.70E+00	0.00E+00	0.00E+00	-2.84E+00	0.00E+00	-2.53E+00	0.00E+00	-1.17E-08	-3.22E-08	-1.87E-03	0.00E+00	-1.52E+00	0.00E+00	-2.53E+00	-1.98E-05	-2.53E+00	-3.63E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MD210P	-5.58E-03	-2.31E-01	-1.86E-03	-2.63E-01	0.00E+00	0.00E+00	-2.07E+00	-5.20E-04	-3.54E-04	-4.59E-03	0.00E+00	0.00E+00	-2.35E-09	-6.49E-08	-1.77E-02	-5.73E+00	0.00E+00	0.00E+00	-2.46E+00	0.00E+00	-2.48E+00	0.00E+00	-1.14E-08	-2.83E-08	-1.65E-03	0.00E+00	-7.08E-01	0.00E+00	-2.48E+00	-1.74E-05	-2.48E+00	-3.21E+00	-7.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MD216P	-6.03E-03	-2.40E-01	-1.82E-03	-2.68E-01	0.00E+00	0.00E+00	-2.14E+00	-6.00E-04	-3.60E-04	-4.63E-03	0.00E+00	0.00E+00	-2.58E-09	-7.03E-08	-1.84E-02	-5.85E+00	0.00E+00	0.00E+00	-2.72E+00	0.00E+00	-2.48E+00	0.00E+00	-1.14E-08	-2.98E-08	-1.90E-03	0.00E+00	-7.83E-01	0.00E+00	-2.48E+00	-1.88E-05	-2.48E+00	-3.51E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MD220P	-6.30E-03	-2.57E-01	-1.79E-03	-2.82E-01	0.00E+00	0.00E+00	-2.87E+00	-8.16E-04	-4.09E-04	-4.88E-03	0.00E+00	0.00E+00	-2.66E-09	-9.58E-08	-1.95E-02	-1.06E+01	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-2.63E+00	0.00E+00	-1.19E-08	-3.30E-08	-2.27E-03	0.00E+00	-1.14E+00	0.00E+00	-2.63E+00	-2.48E-05	-2.63E+00	-3.69E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MD225P	-9.95E-03	-2.75E-01	-2.37E-03	-2.94E-01	0.00E+00	0.00E+00	-3.54E+00	-9.94E-04	-5.62E-04	-6.37E-03	0.00E+00	0.00E+00	-2.88E-09	-1.26E-07	-2.04E-02	-1.16E+01	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-2.69E+00	0.00E+00	-1.24E-08	-3.77E-08	-2.59E-03	0.00E+00	-1.91E+00	0.00E+00	-2.69E+00	-3.20E-05	-2.69E+00	-4.08E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MD263P	-1.75E-02	-7.06E-02	-1.25E-03	-1.46E-01	0.00E+00	0.00E+00	-4.27E+00	-1.82E-03	6.34E-05	-1.09E-02	0.00E+00	0.00E+00	-3.75E-09	-2.71E-07	-6.99E-03	-3.77E+00	0.00E+00	0.00E+00	-3.67E+00	0.00E+00	-1.40E+00	0.00E+00	1.24E-09	-4.06E-08	-3.28E-03	0.00E+00	-7.83E-01	0.00E+00	-1.40E+00	-7.05E-05	-1.40E+00	-1.65E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
MD306P	-1.15E-02	-2.76E-01	-3.81E-03	-3.35E-01	0.00E+00	0.00E+00	-2.84E+00	-1.16E-03	-6.49E-04	-8.67E-03	0.00E+00	0.00E+00	-4.03E-09	-1.19E-07	-3.03E-02	-5.59E+00	0.00E+00	0.00E+00	-4.43E+00	0.00E+00	-3.51E+00	0.00E+00	-1.61E-08	-4.96E-08	-3.18E-03	0.00E+00	-1.69E+00	0.00E+00	-3.51E+00	-3.38E-05	-3.51E+00	-4.71E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
MD310P	-8.64E-03	-2.59E-01	-3.12E-03	-3.00E-01	0.00E+00	0.00E+00	-2.57E+00	-8.56E-04	-5.28E-04	-7.44E-03	0.00E+00	0.00E+00	-3.41E-09	-9.44E-08	-2.78E-02	-5.53E+00	0.00E+00	0.00E+00	-3.70E+00	0.00E+00	-3.30E+00	0.00E+00	-1.45E-08	-4.16E-08	-2.79E-03	0.00E+00	-7.60E-01	0.00E+00	-3.30E+00	-2.53E-05	-3.30E+00	-3.89E+00	-7.60E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
MD316P	-1.01E-02	-5.48E-01	-6.52E-03	-5.45E-01	0.00E+00	0.00E+00	-3.27E+00	-9.49E-04	-7.07E-04	-8.88E-03	0.00E+00	0.00E+00	-3.89E-09	-1.02E-07	-3.18E-02	-5.05E+00	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-4.54E+00	0.00E+00	-2.08E-08	-4.89E-08	-3.06E-03	0.00E+00	-8.73E-01	0.00E+00	-4.54E+00	-2.99E-05	-4.54E+00	-6.42E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MD320P	-1.50E-02	-2.76E-01	-3.66E-03	-3.46E-01	0.00E+00	0.00E+00	-4.19E+00	-1.27E-03	-7.22E-04	-1.08E-02	0.00E+00	0.00E+00	-3.93E-09	-1.54E-07	-3.07E-02	-1.38E+01	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-3.57E+00	0.00E+00	-1.53E-08	-5.24E-08	-3.51E-03	0.00E+00	-1.30E+00	0.00E+00	-3.57E+00	-3.77E-05	-3.57E+00	-4.82E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
MD325P	-2.27E-02	-2.76E-01	-4.89E-03	-3.43E-01	0.00E+00	0.00E+00	-5.02E+00	-1.99E-03	-1.03E-03	-1.40E-02	0.00E+00	0.00E+00	-4.27E-09	-2.38E-07	-3.24E-02	-1.48E+01	0.00E+00	0.00E+00	-5.02E+00	0.00E+00	-3.70E+00	0.00E+00	-1.73E-08	-6.71E-08	-4.54E-03	0.00E+00	-2.23E+00	0.00E+00	-3.70E+00	-5.52E-05	-3.70E+00	-5.39E+00	-2.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
MD332P	-2.86E-02	-2.81E-01	-5.88E-03	-3.31E-01	0.00E+00	0.00E+00	-6.08E+00	-2.58E-03	-1.22E-03	-1.81E-02	0.00E+00	0.00E+00	-5.42E-09	-3.30E-07	-3.12E-02	-1.53E+01	0.00E+00	0.00E+00	-5.91E+00	0.00E+00	-4.14E+00	0.00E+00	-1.76E-08	-8.01E-08	-5.97E-03	0.00E+00	-2.27E+00	0.00E+00	-4.14E+00	-7.70E-05	-4.14E+00	-5.76E+00	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
MD340P	-3.18E-02	-2.59E-01	-6.09E-03	-3.71E-01	0.00E+00	0.00E+00	-7.62E+00	-2.90E-03	-1.36E-03	-2.19E-02	0.00E+00	0.00E+00	-5.90E-09	-3.73E-07	-3.29E-02	-1.62E+01	0.00E+00	0.00E+00	-6.94E+00	0.00E+00	-3.97E+00	0.00E+00	-1.79E-08	-8.63E-08	-6.31E-03	0.00E+00	-2.42E+00	0.00E+00	-3.97E+00	-9.63E-05	-3.97E+00	-5.79E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	-3.01E+02
MD350P	-2.14E-02	-2.44E-01	-3.68E-03	-2.23E-01	0.00E+00	0.00E+00	-6.34E+00	-2.78E-03	-7.49E-04	-1.59E-02	0.00E+00	0.00E+00	-5.42E-09	-3.37E-07	-1.18E-02	-4.05E+00	0.00E+00	0.00E+00	-6.11E+00	0.00E+00	-3.03E+00	0.00E+00	9.71E-10	-5.02E-08	-4.33E-03	0.00E+00	-8.87E-01	0.00E+00	-3.03E+00	-8.15E-05	-3.03E+00	-3.51E+00	-8.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MD363P	-2.15E-02	-1.98E-01	-2.46E-03	-2.11E-01	0.00E+00	0.00E+00	-6.37E+00	-2.62E-03	-8.46E-04	-1.56E-02	0.00E+00	0.00E+00	-5.41E-09	-3.87E-07	-1.18E-02	-3.79E+00	0.00E+00	0.00E+00	-5.55E+00	0.00E+00	-2.19E+00	0.00E+00	2.31E-09	-5.26E-08	-4.37E-03	0.00E+00	-7.93E-01	0.00E+00	-2.19E+00	-8.23E-05	-2.19E+00	-2.81E+00	-7.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
MD440P	-3.04E-02	-2.31E-01	-5.41E-03	-3.47E-01	0.00E+00	0.00E+00	-7.98E+00	-2.96E-03	4.79E-04	-2.25E-02	0.00E+00	0.00E+00	-6.94E-09	-3.84E-07	-3.06E-02	-1.68E+01	0.00E+00	0.00E+00	-7.33E+00	0.00E+00	-4.02E+00	0.00E+00	-1.26E-08	-8.58E-08	-5.69E-03	0.00E+00	-2.62E+00	0.00E+00	-4.02E+00	-9.07E-05	-4.02E+00	-5.75E+00	-2.62E+00	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
MDN101P	-5.67E-03	-5.84E-02	5.45E-05	-2.20E-02	0.00E+00	0.00E+00	-1.07E+00	-4.44E-04	-8.96E-06	-2.87E-03	0.00E+00	0.00E+00	-9.73E-10	-5.76E-08	-1.26E-03	-9.53E-01	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-2.72E-01	0.00E+00	1.48E-09	-1.12E-08	-6.87E-04	0.00E+00	-1.20E-01	0.00E+00	-2.72E-01	-1.55E-05	-2.72E-01	-5.96E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.64E+01
MDN102P	-6.33E-03	-1.79E-01	-1.30E-03	-1.43E-01	0.00E+00	0.00E+00	-1.90E+00	-5.20E-04	-2.03E-04	-4.88E-03	0.00E+00	0.00E+00	-1.23E-09	-6.59E-08	-3.84E-03	-4.19E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-1.18E+00	0.00E+00	-5.66E-09	-1.99E-08	-1.32E-03	0.00E+00	-6.79E-01	0.00E+00	-1.18E+00	-1.67E-05	-1.18E+00	-1.86E+00	-6.79E-01	0.00E+00	0.00E+00	0.00E+00	-7.25E+01
MDN103P	-6.32E-03	-1.78E-01	-1.30E-03	-1.44E-01	0.00E+00	0.00E+00	-1.86E+00	-5.14E-04	-1.99E-04	-4.82E-03	0.00E+00	0.00E+00	-1.20E-09	-6.54E-08	-3.80E-03	-4.19E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.20E+00	0.00E+00	-5.71E-09	-1.99E-08	-1.33E-03	0.00E+00	-6.70E-01	0.00E+00	-1.20E+00	-1.67E-05	-1.20E+00	-1.85E+00	-6.70E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MDN104P	-6.32E-03	-1.78E-01	-1.30E-03	-1.44E-01	0.00E+00	0.00E+00	-1.86E+00	-5.14E-04	-1.99E-04	-4.82E-03	0.00E+00	0.00E+00	-1.20E-09	-6.58E-08	-3.80E-03	-4.19E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.20E+00	0.00E+00	-5.71E-09	-1.99E-08	-1.33E-03	0.00E+00	-6.70E-01	0.00E+00	-1.20E+00	-1.67E-05	-1.20E+00	-1.85E+00	-6.70E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MDN106P	-5.23E-03	-1.80E-01	-1.34E-03	-1.59E-01	0.00E+00	0.00E+00	-1.79E+00	-5.09E-04	-3.03E-04	-4.29E-03	0.00E+00	0.00E+00	-1.36E-09	-6.28E-08	-5.52E-03	-3.76E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-1.32E+00	0.00E+00	-5.93E-09	-2.13E-08	-1.38E-03	0.00E+00	-6.08E-01	0.00E+00	-1.32E+00	-1.57E-05	-1.32E+00	-2.05E+00	-6.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.63E+01
MDN110P	-5.28E-03	-1.71E-01	-1.33E-03	-1.60E-01	0.00E+00	0.00E+00	-1.75E+00	-5.01E-04	-3.03E-04	-4.43E-03	0.00E+00	0.00E+00	-1.36E-09	-6.24E-08	-4.72E-03	-3.80E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-1.32E+00	0.00E+00	-6.18E-09	-2.11E-08	-1.32E-03	0.00E+00	-5.99E-01	0.00E+00	-1.32E+00	-1.54E-05	-1.32E+00	-1.91E+00	-5.99E-01	0.00E+00	0.00E+00	0.00E+00	-7.54E+01
MDN116P	-5.41E-03	-1.85E-01	-1.34E-03	-1.62E-01	0.00E+00	0.00E+00	-1.80E+00	-5.33E-04	-3.35E-04	-4.49E-03	0.00E+00	0.00E+00	-1.38E-09	-6.84E-08	-5.68E-03	-3.87E+00	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-1.32E+00	0.00E+00	-6.19E-09	-2.23E-08	-1.49E-03	0.00E+00	-6.45E-01	0.00E+00	-1.32E+00	-1.61E-05	-1.32E+00	-2.06E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-7.90E+01
MDN120P	-6.15E-03	-1.95E-01	-1.32E-03	-1.77E-01	0.00E+00	0.00E+00	-2.46E+00	-7.09E-04	-3.68E-04	-4.75E-03	0.00E+00	0.00E+00	-1.43E-09	-9.63E-08	-7.40E-03	-8.26E+00	0.00E+00	0.00E+00	-2.10E+00	0.00E+00	-1.39E+00	0.00E+00	-6.33E-09	-2.33E-08	-1.86E-03	0.00E+00	-9.13E-01	0.00E+00	-1.39E+00	-1.91E-05	-1.39E+00	-2.14E+00	-9.13E-01	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
MDN125P	-7.18E-03	-2.04E-01	-1.44E-03	-1.76E-01	0.00E+00	0.00E+00	-2.62E+00	-7.10E-04	-3.02E-04	-4.82E-03	0.00E+00	0.00E+00	-1.42E-09	-1.04E-07	-7.25E-03	-8.34E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.40E+00	0.00E+00	-6.48E-09	-2.39E-08	-1.94E-03	0.00E+00	-9.24E-01	0.00E+00	-1.40E+00	-1.98E-05	-1.40E+00	-2.23E+00	-9.24E-01	0.00E+00	0.00E+00	0.00E+00	-9.35E+01
MDN132P	-8.67E-03	-2.06E-01	-1.36E-03	-1.84E-01	0.00E+00	0.00E+00	-2.73E+00	-9.54E-04	-3.54E-04	-5.68E-03	0.00E+00	0.00E+00	-1.60E-09	-1.19E-07	-7.75E-03	-8.46E+00	0.00E+00	0.00E+00	-2.26E+00	0.00E+00	-1.42E+00	0.00E+00	-6.49E-09	-2.53E-08	-2.13E-03	0.00E+00	-7.81E-01	0.00E+00	-1.42E+00	-2.47E-05	-1.42E+00	-2.24E+00	-7.81E-01	0.00E+00	0.00E+00	0.00E+00	-9.82E+01
MDN140P	-8.53E-03	-2.06E-01	-1.30E-03	-1.77E-01	0.00E+00	0.00E+00	-2.73E+00	-1.01E-03	-3.42E-04	-5.95E-03	0.00E+00	0.00E+00	-1.58E-09	-1.20E-07	-7.21E-03	-7.94E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-1.38E+00	0.00E+00	-6.43E-09	-2.55E-08	-2.22E-03	0.00E+00	-7.89E-01	0.00E+00	-1.38E+00	-2.57E-05	-1.38E+00	-2.23E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MDN150P	-6.89E-03	-2.68E-03	7.67E-04	3.40E-03	0.00E+00	0.00E+00	-6.18E-01	-5.21E-04	1.33E-04	-4.02E-03	0.00E+00	0.00E+00	-1.13E-09	-7.05E-08	-2.77E-04	-1.98E+00	0.00E+00	0.00E+00	-7.67E-01	0.00E+00	-5.31E-02	0.00E+00	2.98E-09	-1.22E-08	-8.60E-04	0.00E+00	-2.32E-01	0.00E+00	-5.31E-02	-1.88E-05	-5.31E-02	-1.25E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
MDN163P	-6.77E-03	-7.56E-03	1.08E-03	-4.97E-03	0.00E+00	0.00E+00	-6.17E-01	-4.34E-04	2.06E-04	-3.96E-03	0.00E+00	0.00E+00	-1.13E-09	-5.57E-08	1.81E-04	-1.89E+00	0.00E+00	0.00E+00	-6.86E-01	0.00E+00	-3.53E-02	0.00E+00	3.04E-09	-1.39E-08	-8.08E-04	0.00E+00	-2.49E-01	0.00E+00	-3.53E-02	-1.88E-05	-3.53E-02	-1.80E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
MDN200P	-6.70E-03	-6.95E-02	-4.35E-05	-3.74E-02	0.00E+00	0.00E+00	-2.52E+00	-5.19E-04	-1.32E-04	-3.20E-03	0.00E+00	0.00E+00	-2.45E-09	-1.40E-07	-6.37E-03	-2.23E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-5.69E-01	0.00E+00	1.56E-09	-1.56E-08	-9.33E-04	0.00E+00	-4.10E-01	0.00E+00	-5.69E-01	-4.15E-05	-5.69E-01	-9.91E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
MDN201P	-7.03E-03	-7.19E-02	-4.44E-05	-3.54E-02	0.00E+00	0.00E+00	-2.46E+00	-5.81E-04	-1.13E-04	-3.78E-03	0.00E+00	0.00E+00	-2.66E-09	-1.26E-07	-6.50E-03	-2.24E+00	0.00E+00	0.00E+00	-2.57E+00	0.00E+00	-5.05E-01	0.00E+00	1.53E-09	-1.67E-08	-1.20E-03	0.00E+00	-4.04E-01	0.00E+00	-5.05E-01	-4.09E-05	-5.05E-01	-9.15E-01	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MDN202P	-8.10E-03	-3.99E-01	-5.07E-03	-3.23E-01	0.00E+00	0.00E+00	-2.80E+00	-6.36E-04	-3.97E-04	-5.57E-03	0.00E+00	0.00E+00	-2.73E-09	-7.37E-08	-1.52E-02	-4.47E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-3.20E+00	0.00E+00	-1.37E-08	-3.00E-08	-1.83E-03	0.00E+00	-8.07E-01	0.00E+00	-3.20E+00	-2.41E-05	-3.20E+00	-4.53E+00	-8.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
MDN203P	-8.06E-03	-8.25E-02	-8.93E-05	-6.93E-02	0.00E+00	0.00E+00	-2.52E+00	-7.60E-04	-8.53E-05	-4.00E-03	0.00E+00	0.00E+00	-3.05E-09	-1.53E-07	-5.47E-03	-2.23E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-1.08E+00	0.00E+00	2.18E-10	-2.23E-08	-1.50E-03	0.00E+00	-4.72E-01	0.00E+00	-1.08E+00	-5.21E-05	-1.08E+00	-1.67E+00	-4.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MDN204P	-8.41E-03	-3.99E-01	-5.07E-03	-3.23E-01	0.00E+00	0.00E+00	-2.82E+00	-7.01E-04	-3.86E-04	-5.65E-03	0.00E+00	0.00E+00	-2.74E-09	-7.64E-08	-1.52E-02	-4.47E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-3.20E+00	0.00E+00	-1.38E-08	-3.02E-08	-1.88E-03	0.00E+00	-8.04E-01	0.00E+00	-3.20E+00	-2.49E-05	-3.20E+00	-4.53E+00	-8.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MDN206P	-6.59E-03	-4.47E-01	-5.19E-03	-4.17E-01	0.00E+00	0.00E+00	-2.49E+00	-6.10E-04	-5.62E-04	-6.53E-03	0.00E+00	0.00E+00	-2.83E-09	-7.47E-08	-2.12E-02	-4.06E+00	0.00E+00	0.00E+00	-3.20E+00	0.00E+00	-3.60E+00	0.00E+00	-1.57E-08	-3.57E-08	-2.14E-03	0.00E+00	-8.53E-01	0.00E+00	-3.60E+00	-2.17E-05	-3.60E+00	-5.11E+00	-8.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
MDN210P	-6.72E-03	-4.09E-01	-5.19E-03	-3.86E-01	0.00E+00	0.00E+00	-2.52E+00	-6.68E-04	-5.72E-04	-6.57E-03	0.00E+00	0.00E+00	-2.84E-09	-7.91E-08	-2.03E-02	-4.07E+00	0.00E+00	0.00E+00	-3.21E+00	0.00E+00	-3.60E+00	0.00E+00	-1.58E-08	-3.59E-08	-2.14E-03	0.00E+00	-7.65E-01	0.00E+00	-3.60E+00	-2.25E-05	-3.60E+00	-4.93E+00	-7.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MDN216P	-7.03E-03	-4.44E-01	-5.18E-03	-4.20E-01	0.00E+00	0.00E+00	-2.63E+00	-7.60E-04	-5.93E-04	-6.70E-03	0.00E+00	0.00E+00	-2.98E-09	-8.29E-08	-2.12E-02	-4.21E+00	0.00E+00	0.00E+00	-3.36E+00	0.00E+00	-3.64E+00	0.00E+00	-1.59E-08	-3.72E-08	-2.36E-03	0.00E+00	-8.42E-01	0.00E+00	-3.64E+00	-2.52E-05	-3.64E+00	-5.06E+00	-8.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
MDN220P	-9.05E-03	-4.91E-01	-5.19E-03	-4.46E-01	0.00E+00	0.00E+00	-3.37E+00	-1.02E-03	-6.27E-04	-6.59E-03	0.00E+00	0.00E+00	-3.05E-09	-1.13E-07	-2.20E-02	-1.13E+01	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-3.68E+00	0.00E+00	-1.60E-08	-3.98E-08	-2.80E-03	0.00E+00	-1.20E+00	0.00E+00	-3.68E+00	-3.16E-05	-3.68E+00	-5.23E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MDN225P	-9.99E-03	-4.94E-01	-5.19E-03	-4.47E-01	0.00E+00	0.00E+00	-3.60E+00	-9.67E-04	-6.08E-04	-5.83E-03	0.00E+00	0.00E+00	-3.05E-09	-1.13E-07	-2.20E-02	-1.16E+01	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-3.68E+00	0.00E+00	-1.60E-08	-3.95E-08	-2.76E-03	0.00E+00	-1.20E+00	0.00E+00	-3.68E+00	-3.18E-05	-3.68E+00	-5.23E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MDN232P	-1.63E-02	-4.99E-01	-5.87E-03	-4.48E-01	0.00E+00	0.00E+00	-4.80E+00	-1.39E-03	-9.10E-04	-9.39E-03	0.00E+00	0.00E+00	-3.20E-09	-1.52E-07	-2.15E-02	-1.17E+01	0.00E+00	0.00E+00	-4.64E+00	0.00E+00	-3.82E+00	0.00E+00	-1.67E-08	-4.21E-08	-3.19E-03	0.00E+00	-1.17E+00	0.00E+00	-3.82E+00	-4.52E-05	-3.82E+00	-5.64E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MDN240P	-1.77E-02	-5.01E-01	-6.19E-03	-4.53E-01	0.00E+00	0.00E+00	-5.21E+00	-1.55E-03	-9.71E-04	-9.93E-03	0.00E+00	0.00E+00	-3.40E-09	-2.05E-07	-2.17E-02	-1.19E+01	0.00E+00	0.00E+00	-4.87E+00	0.00E+00	-3.84E+00	0.00E+00	-1.71E-08	-5.20E-08	-3.80E-03	0.00E+00	-1.19E+00	0.00E+00	-3.84E+00	-4.84E-05	-3.84E+00	-5.73E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MDN250P	-1.47E-02	-2.74E-01	-3.34E-03	-2.36E-01	0.00E+00	0.00E+00	-3.70E+00	-1.12E-03	-2.45E-04	-7.89E-03	0.00E+00	0.00E+00	-2.92E-09	-2.30E-07	-8.13E-03	-3.98E+00	0.00E+00	0.00E+00	-3.44E+00	0.00E+00	-1.99E+00	0.00E+00	-1.91E-09	-3.62E-08	-2.19E-03	0.00E+00	-8.43E-01	0.00E+00	-1.99E+00	-5.61E-05	-1.99E+00	-3.17E+00	-8.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MDN263P	-1.72E-02	-2.76E-01	-3.39E-03	-2.29E-01	0.00E+00	0.00E+00	-4.31E+00	-1.77E-03	-1.33E-04	-9.72E-03	0.00E+00	0.00E+00	-3.65E-09	-2.64E-07	-7.70E-03	-3.89E+00	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-2.13E+00	0.00E+00	-1.44E-09	-3.85E-08	-3.09E-03	0.00E+00	-8.21E-01	0.00E+00	-2.13E+00	-7.31E-05	-2.13E+00	-3.03E+00	-8.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MDN263R	-1.63E-02	1.63E-02	-1.06E-03	-1.69E-02	0.00E+00	0.00E+00	-3.96E+00	-1.86E-03	2.54E-05	-7.97E-03	0.00E+00	0.00E+00	-3.64E-09	-2.73E-07	-4.13E-03	-1.55E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-6.80E-01	0.00E+00	2.49E-09	-3.04E-08	-2.79E-03	0.00E+00	-4.87E-01	0.00E+00	-6.80E-01	-7.41E-05	-6.80E-01	-9.54E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MDN300P	-1.12E-02	-4.99E-02	-2.80E-03	-7.22E-02	0.00E+00	0.00E+00	-2.74E+00	-1.35E-03	-3.70E-04	-7.71E-03	0.00E+00	0.00E+00	-3.89E-09	-1.43E-07	-1.12E-02	-2.18E+00	0.00E+00	0.00E+00	-2.96E+00	0.00E+00	-6.65E-01	0.00E+00	1.97E-09	-2.90E-08	-2.43E-03	0.00E+00	-4.67E-01	0.00E+00	-6.65E-01	-4.71E-05	-6.65E-01	-1.19E+00	-4.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MDN301P	-1.44E-02	-5.76E-01	-7.49E-03	-4.78E-01	0.00E+00	0.00E+00	-3.24E+00	-1.43E-03	-7.38E-04	-1.07E-02	0.00E+00	0.00E+00	-4.08E-09	-1.50E-07	-2.36E-02	-4.84E+00	0.00E+00	0.00E+00	-4.20E+00	0.00E+00	-4.68E+00	0.00E+00	-2.23E-08	-5.29E-08	-3.30E-03	0.00E+00	-8.03E-01	0.00E+00	-4.68E+00	-4.06E-05	-4.68E+00	-6.59E+00	-8.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MDN302P	-1.45E-02	-5.76E-01	-7.49E-03	-4.76E-01	0.00E+00	0.00E+00	-3.20E+00	-1.43E-03	-7.42E-04	-1.07E-02	0.00E+00	0.00E+00	-4.06E-09	-1.50E-07	-2.39E-02	-4.82E+00	0.00E+00	0.00E+00	-4.23E+00	0.00E+00	-4.63E+00	0.00E+00	-2.23E-08	-5.29E-08	-3.29E-03	0.00E+00	-8.08E-01	0.00E+00	-4.63E+00	-4.03E-05	-4.63E+00	-6.54E+00	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MDN303P	-1.47E-02	-5.80E-01	-7.51E-03	-4.81E-01	0.00E+00	0.00E+00	-3.30E+00	-1.41E-03	-7.59E-04	-1.07E-02	0.00E+00	0.00E+00	-4.13E-09	-1.55E-07	-2.39E-02	-4.85E+00	0.00E+00	0.00E+00	-4.41E+00	0.00E+00	-4.70E+00	0.00E+00	-2.24E-08	-5.30E-08	-3.32E-03	0.00E+00	-8.08E-01	0.00E+00	-4.70E+00	-4.13E-05	-4.70E+00	-6.62E+00	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MDN304P	-1.46E-02	-5.80E-01	-7.51E-03	-4.79E-01	0.00E+00	0.00E+00	-3.31E+00	-1.41E-03	-7.68E-04	-1.07E-02	0.00E+00	0.00E+00	-4.14E-09	-1.53E-07	-2.39E-02	-4.85E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-4.74E+00	0.00E+00	-2.24E-08	-5.30E-08	-3.31E-03	0.00E+00	-8.04E-01	0.00E+00	-4.74E+00	-4.13E-05	-4.74E+00	-6.62E+00	-8.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
MDN306P	-1.41E-02	-6.25E-01	-7.54E-03	-6.16E-01	0.00E+00	0.00E+00	-3.10E+00	-1.35E-03	-7.61E-04	-1.01E-02	0.00E+00	0.00E+00	-4.07E-09	-1.41E-07	-2.93E-02	-4.33E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-5.16E+00	0.00E+00	-2.36E-08	-5.41E-08	-3.28E-03	0.00E+00	-8.93E-01	0.00E+00	-5.16E+00	-3.99E-05	-5.16E+00	-7.33E+00	-8.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
MDN310P	-1.34E-02	-5.93E-01	-7.50E-03	-5.94E-01	0.00E+00	0.00E+00	-3.37E+00	-1.46E-03	-8.01E-04	-9.88E-03	0.00E+00	0.00E+00	-4.14E-09	-1.35E-07	-3.11E-02	-4.42E+00	0.00E+00	0.00E+00	-4.82E+00	0.00E+00	-5.27E+00	0.00E+00	-2.36E-08	-5.32E-08	-3.40E-03	0.00E+00	-7.93E-01	0.00E+00	-5.27E+00	-3.91E-05	-5.27E+00	-7.18E+00	-7.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MDN316P	-1.35E-02	-6.25E-01	-7.92E-03	-6.24E-01	0.00E+00	0.00E+00	-3.90E+00	-1.47E-03	-8.49E-04	-1.03E-02	0.00E+00	0.00E+00	-4.40E-09	-1.41E-07	-3.37E-02	-4.60E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-5.29E+00	0.00E+00	-2.40E-08	-5.61E-08	-3.58E-03	0.00E+00	-9.24E-01	0.00E+00	-5.29E+00	-4.02E-05	-5.29E+00	-7.69E+00	-9.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+02
MDN320P	-2.40E-02	1.83E-01	2.53E-03	1.81E-01	0.00E+00	0.00E+00	-4.28E+00	-2.50E-03	-8.35E-04	-1.10E-02	0.00E+00	0.00E+00	-3.11E-09	-2.88E-07	8.49E-03	-1.91E+00	0.00E+00	0.00E+00	-3.56E+00	0.00E+00	4.46E-01	0.00E+00	1.13E-08	-3.92E-08	-3.35E-03	0.00E+00	-2.82E-01	0.00E+00	4.46E-01	-7.22E-05	4.46E-01	1.65E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MDN325P	-2.39E-02	-6.63E-01	-8.53E-03	-6.63E-01	0.00E+00	0.00E+00	-5.35E+00	-2.09E-03	-1.18E-03	-1.42E-02	0.00E+00	0.00E+00	-4.55E-09	-2.66E-07	-3.21E-02	-1.62E+01	0.00E+00	0.00E+00	-5.59E+00	0.00E+00	-5.29E+00	0.00E+00	-2.51E-08	-6.89E-08	-4.77E-03	0.00E+00	-1.48E+00	0.00E+00	-5.29E+00	-5.73E-05	-5.29E+00	-7.92E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+02
MDN332P	-3.38E-02	-2.04E-01	-7.20E-03	-1.97E-01	0.00E+00	0.00E+00	-8.65E+00	-3.39E-03	-1.46E-03	-1.89E-02	0.00E+00	0.00E+00	-6.38E-09	-3.93E-07	-5.43E-03	-3.83E+00	0.00E+00	0.00E+00	-7.65E+00	0.00E+00	-4.33E+00	0.00E+00	-1.59E-08	-7.89E-08	-6.03E-03	0.00E+00	-8.74E-01	0.00E+00	-4.33E+00	-9.97E-05	-4.33E+00	-5.21E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+02
MDN340P	-2.97E-02	-6.27E-01	-8.96E-03	-6.40E-01	0.00E+00	0.00E+00	-6.49E+00	-2.48E-03	-1.54E-03	-2.01E-02	0.00E+00	0.00E+00	-5.86E-09	-3.59E-07	-3.28E-02	-1.62E+01	0.00E+00	0.00E+00	-6.32E+00	0.00E+00	-4.79E+00	0.00E+00	-2.36E-08	-8.54E-08	-5.51E-03	0.00E+00	-1.52E+00	0.00E+00	-4.79E+00	-1.00E-04	-4.79E+00	-7.25E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MDN350P	-2.03E-02	-4.59E-01	-6.23E-03	-3.35E-01	0.00E+00	0.00E+00	-5.00E+00	-2.55E-03	-9.49E-04	-1.58E-02	0.00E+00	0.00E+00	-5.27E-09	-3.38E-07	-1.26E-02	-3.65E+00	0.00E+00	0.00E+00	-4.93E+00	0.00E+00	-2.96E+00	0.00E+00	-4.96E-09	-5.22E-08	-4.13E-03	0.00E+00	-7.69E-01	0.00E+00	-2.96E+00	-7.91E-05	-2.96E+00	-4.05E+00	-7.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MDN363P	-2.17E-02	-4.56E-01	-6.08E-03	-3.37E-01	0.00E+00	0.00E+00	-6.07E+00	-2.40E-03	-9.47E-04	-1.61E-02	0.00E+00	0.00E+00	-5.26E-09	-3.58E-07	-1.29E-02	-3.72E+00	0.00E+00	0.00E+00	-5.44E+00	0.00E+00	-3.45E+00	0.00E+00	-4.52E-09	-5.64E-08	-4.36E-03	0.00E+00	-7.94E-01	0.00E+00	-3.45E+00	-7.87E-05	-3.45E+00	-4.57E+00	-7.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
MDN400P	-2.12E-02	-1.62E-01	-5.02E-03	-4.58E-02	0.00E+00	0.00E+00	-5.81E+00	-2.07E-03	8.35E-04	-1.16E-02	0.00E+00	0.00E+00	-4.39E-09	-2.11E-07	-9.01E-03	-3.59E+00	0.00E+00	0.00E+00	-6.06E+00	0.00E+00	-2.72E+00	0.00E+00	-8.23E-09	-5.40E-08	-3.60E-03	0.00E+00	-8.43E-01	0.00E+00	-2.72E+00	-5.11E-05	-2.72E+00	-3.45E+00	-8.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MDN401P	-2.89E-02	-1.95E-01	-5.30E-03	-8.99E-02	0.00E+00	0.00E+00	-6.30E+00	-2.82E-03	-1.44E-03	-1.48E-02	0.00E+00	0.00E+00	-4.87E-09	-2.48E-07	-9.10E-03	-4.18E+00	0.00E+00	0.00E+00	-6.64E+00	0.00E+00	-2.86E+00	0.00E+00	-8.43E-09	-7.05E-08	-4.96E-03	0.00E+00	-1.02E+00	0.00E+00	-2.86E+00	-6.15E-05	-2.86E+00	-3.65E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
MDN402P	-2.89E-02	-1.95E-01	-5.30E-03	-7.58E-02	0.00E+00	0.00E+00	-6.31E+00	-2.82E-03	-1.44E-03	-1.48E-02	0.00E+00	0.00E+00	-4.87E-09	-2.48E-07	-8.97E-03	-4.18E+00	0.00E+00	0.00E+00	-6.64E+00	0.00E+00	-2.82E+00	0.00E+00	-8.43E-09	-7.05E-08	-4.97E-03	0.00E+00	-1.01E+00	0.00E+00	-2.82E+00	-6.14E-05	-2.82E+00	-3.65E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
MDN403P	-2.28E-02	-1.61E-01	-4.90E-03	-8.09E-02	0.00E+00	0.00E+00	-5.74E+00	-2.52E-03	-1.06E-03	-1.45E-02	0.00E+00	0.00E+00	-4.75E-09	-2.35E-07	-8.35E-03	-3.30E+00	0.00E+00	0.00E+00	-5.86E+00	0.00E+00	-3.07E+00	0.00E+00	-9.06E-09	-6.74E-08	-3.78E-03	0.00E+00	-8.75E-01	0.00E+00	-3.07E+00	-5.76E-05	-3.07E+00	-3.70E+00	-8.75E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
MDN404P	-1.77E-02	-1.94E-01	-5.38E-03	-6.76E-02	0.00E+00	0.00E+00	-4.83E+00	-1.82E-03	-2.00E-04	-9.17E-03	0.00E+00	0.00E+00	-4.17E-09	-1.88E-07	-8.38E-03	-3.15E+00	0.00E+00	0.00E+00	-5.23E+00	0.00E+00	-2.92E+00	0.00E+00	-9.02E-09	-5.35E-08	-3.63E-03	0.00E+00	-8.15E-01	0.00E+00	-2.92E+00	-5.73E-05	-2.92E+00	-3.61E+00	-8.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
MDN406P	-1.95E-02	-2.03E-01	-5.02E-03	-5.06E-02	0.00E+00	0.00E+00	-4.76E+00	-1.85E-03	9.16E-05	-1.02E-02	0.00E+00	0.00E+00	-3.83E-09	-1.73E-07	-7.18E-03	-3.29E+00	0.00E+00	0.00E+00	-4.97E+00	0.00E+00	-2.30E+00	0.00E+00	-8.97E-09	-5.38E-08	-3.40E-03	0.00E+00	-8.64E-01	0.00E+00	-2.30E+00	-4.82E-05	-2.30E+00	-2.91E+00	-8.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
MDN410P	-1.97E-02	-2.51E-01	-4.90E-03	-9.38E-02	0.00E+00	0.00E+00	-5.06E+00	-1.79E-03	-2.33E-05	-1.18E-02	0.00E+00	0.00E+00	-4.13E-09	-1.57E-07	-9.36E-03	-3.41E+00	0.00E+00	0.00E+00	-5.40E+00	0.00E+00	-3.21E+00	0.00E+00	-9.20E-09	-5.82E-08	-3.58E-03	0.00E+00	-9.28E-01	0.00E+00	-3.21E+00	-5.30E-05	-3.21E+00	-3.79E+00	-9.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
MDN416P	-2.95E-02	-2.34E-01	-6.12E-03	-8.50E-02	0.00E+00	0.00E+00	-6.23E+00	-2.60E-03	-4.68E-04	-1.51E-02	0.00E+00	0.00E+00	-4.32E-09	-2.81E-07	-8.23E-03	-3.48E+00	0.00E+00	0.00E+00	-6.34E+00	0.00E+00	-3.17E+00	0.00E+00	-9.30E-09	-7.39E-08	-5.52E-03	0.00E+00	-9.75E-01	0.00E+00	-3.17E+00	-6.90E-05	-3.17E+00	-3.81E+00	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
MDN420P	-2.93E-02	-2.19E-01	-5.74E-03	-5.72E-02	0.00E+00	0.00E+00	-5.79E+00	-2.61E-03	9.08E-04	-1.40E-02	0.00E+00	0.00E+00	-4.28E-09	-2.85E-07	-5.30E-03	-3.56E+00	0.00E+00	0.00E+00	-6.15E+00	0.00E+00	-3.07E+00	0.00E+00	-8.01E-09	-7.09E-08	-5.47E-03	0.00E+00	-1.02E+00	0.00E+00	-3.07E+00	-6.58E-05	-3.07E+00	-3.61E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
MDN425P	-3.17E-02	-6.43E-01	-8.66E-03	-6.48E-01	0.00E+00	0.00E+00	-6.65E+00	-2.92E-03	4.95E-04	-1.97E-02	0.00E+00	0.00E+00	-6.38E-09	-3.10E-07	-3.19E-02	-1.55E+01	0.00E+00	0.00E+00	-7.24E+00	0.00E+00	-5.15E+00	0.00E+00	-2.50E-08	-7.70E-08	-5.28E-03	0.00E+00	-1.47E+00	0.00E+00	-5.15E+00	-7.84E-05	-5.15E+00	-7.79E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-2.87E+02
MDN432P	-4.50E-02	-6.45E-01	-9.15E-03	-6.48E-01	0.00E+00	0.00E+00	-8.47E+00	-4.24E-03	-2.19E-03	-2.54E-02	0.00E+00	0.00E+00	-7.81E-09	-3.66E-07	-3.25E-02	-1.55E+01	0.00E+00	0.00E+00	-7.97E+00	0.00E+00	-5.39E+00	0.00E+00	-2.50E-08	-1.09E-07	-8.28E-03	0.00E+00	-1.65E+00	0.00E+00	-5.39E+00	-1.14E-04	-5.39E+00	-8.04E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+02
MDN440P	-4.15E-02	-6.15E-01	-8.48E-03	-6.35E-01	0.00E+00	0.00E+00	-8.13E+00	-4.08E-03	-1.99E-03	-2.59E-02	0.00E+00	0.00E+00	-7.90E-09	-4.52E-07	-3.22E-02	-1.62E+01	0.00E+00	0.00E+00	-7.77E+00	0.00E+00	-4.49E+00	0.00E+00	-1.78E-08	-1.13E-07	-8.05E-03	0.00E+00	-1.71E+00	0.00E+00	-4.49E+00	-9.79E-05	-4.49E+00	-6.94E+00	-1.71E+00	0.00E+00	0.00E+00	0.00E+00	-3.20E+02
MDN450P	-2.89E-02	-4.66E-01	-7.62E-03	-3.51E-01	0.00E+00	0.00E+00	-8.36E+00	-3.26E-03	5.62E-04	-1.96E-02	0.00E+00	0.00E+00	-6.81E-09	-3.85E-07	-1.32E-02	-4.92E+00	0.00E+00	0.00E+00	-7.38E+00	0.00E+00	-4.62E+00	0.00E+00	-1.26E-08	-6.52E-08	-4.83E-03	0.00E+00	-1.03E+00	0.00E+00	-4.62E+00	-8.03E-05	-4.62E+00	-6.33E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
MDN463P	-3.50E-02	-4.73E-01	-7.88E-03	-3.59E-01	0.00E+00	0.00E+00	-8.08E+00	-4.01E-03	-1.50E-03	-2.35E-02	0.00E+00	0.00E+00	-7.53E-09	-4.42E-07	-1.05E-02	-5.34E+00	0.00E+00	0.00E+00	-7.31E+00	0.00E+00	-4.18E+00	0.00E+00	-1.26E-08	-9.87E-08	-4.98E-03	0.00E+00	-1.04E+00	0.00E+00	-4.18E+00	-8.42E-05	-4.18E+00	-5.95E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+02
MDN463R	-3.39E-02	-1.53E-01	-6.67E-03	-1.59E-01	0.00E+00	0.00E+00	-8.85E+00	-4.14E-03	8.21E-04	-2.32E-02	0.00E+00	0.00E+00	-7.13E-09	-3.97E-07	-2.20E-03	-4.24E+00	0.00E+00	0.00E+00	-7.77E+00	0.00E+00	-2.77E+00	0.00E+00	-9.52E-09	-7.18E-08	-5.42E-03	0.00E+00	-1.10E+00	0.00E+00	-2.77E+00	-7.52E-05	-2.77E+00	-3.95E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
MDU106P	-3.57E-03	-1.80E-01	-1.46E-03	-1.67E-01	0.00E+00	0.00E+00	-1.62E+00	-3.66E-04	-1.83E-04	-3.43E-03	0.00E+00	0.00E+00	-8.37E-10	-4.72E-08	-5.69E-03	-5.30E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-1.32E+00	0.00E+00	-5.85E-09	-1.79E-08	-1.14E-03	0.00E+00	-1.33E+00	0.00E+00	-1.32E+00	-9.59E-06	-1.32E+00	-2.03E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-6.77E+01
MDU110P	-2.76E-03	-1.51E-01	-1.01E-03	-1.50E-01	0.00E+00	0.00E+00	-1.50E+00	-3.06E-04	-1.65E-04	-2.77E-03	0.00E+00	0.00E+00	-6.70E-10	-3.58E-08	-3.40E-03	-3.96E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-1.35E+00	0.00E+00	-5.64E-09	-1.79E-08	-1.02E-03	0.00E+00	-5.43E-01	0.00E+00	-1.35E+00	-8.10E-06	-1.35E+00	-1.74E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-6.29E+01
MDU116P	-3.60E-03	-1.71E-01	-1.04E-03	-1.52E-01	0.00E+00	0.00E+00	-1.64E+00	-3.66E-04	-2.35E-04	-3.31E-03	0.00E+00	0.00E+00	-9.28E-10	-4.68E-08	-4.32E-03	-4.29E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-1.35E+00	0.00E+00	-5.67E-09	-1.97E-08	-1.19E-03	0.00E+00	-6.16E-01	0.00E+00	-1.35E+00	-1.05E-05	-1.35E+00	-1.88E+00	-6.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.18E+01
MDU120P	-4.06E-03	-1.79E-01	-1.07E-03	-1.57E-01	0.00E+00	0.00E+00	-2.32E+00	-4.86E-04	-2.42E-04	-3.48E-03	0.00E+00	0.00E+00	-1.09E-09	-6.76E-08	-6.00E-03	-8.34E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-1.36E+00	0.00E+00	-5.64E-09	-2.03E-08	-1.59E-03	0.00E+00	-9.18E-01	0.00E+00	-1.36E+00	-1.26E-05	-1.36E+00	-1.94E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01

MDU125P	-5.61E-03	-1.97E-01	-1.53E-03	-1.83E-01	0.00E+00	0.00E+00	-2.53E+00	-4.92E-04	-2.16E-04	-3.89E-03	0.00E+00	0.00E+00	-8.93E-10	-8.02E-08	-7.57E-03	-9.58E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-1.41E+00	0.00E+00	-6.11E-09	-2.04E-08	-1.69E-03	0.00E+00	-1.69E+00	0.00E+00	-1.41E+00	-1.30E-05	-1.41E+00	-2.18E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-8.56E+01
MDU132P	-6.91E-03	-1.97E-01	-1.57E-03	-1.82E-01	0.00E+00	0.00E+00	-2.77E+00	-7.86E-04	-2.08E-04	-4.33E-03	0.00E+00	0.00E+00	-1.05E-09	-8.86E-08	-7.31E-03	-9.54E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-1.42E+00	0.00E+00	-6.11E-09	-2.12E-08	-1.87E-03	0.00E+00	-1.68E+00	0.00E+00	-1.42E+00	-1.88E-05	-1.42E+00	-2.21E+00	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-9.32E+01
MDU140P	-6.93E-03	-1.98E-01	-1.51E-03	-1.83E-01	0.00E+00	0.00E+00	-2.80E+00	-8.77E-04	-2.08E-04	-4.78E-03	0.00E+00	0.00E+00	-1.08E-09	-9.45E-08	-7.44E-03	-9.35E+00	0.00E+00	0.00E+00	-2.25E+00	0.00E+00	-1.42E+00	0.00E+00	-6.18E-09	-2.17E-08	-1.96E-03	0.00E+00	-1.68E+00	0.00E+00	-1.42E+00	-1.99E-05	-1.42E+00	-2.22E+00	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-9.49E+01
MDU150P	-3.93E-03	-2.12E-02	2.37E-04	-1.81E-02	0.00E+00	0.00E+00	-8.38E-01	-3.96E-04	8.07E-05	-2.08E-03	0.00E+00	0.00E+00	-6.06E-10	-2.77E-08	-1.60E-03	-4.92E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-2.76E-01	0.00E+00	1.87E-09	-9.11E-09	-7.61E-04	0.00E+00	-9.84E-02	0.00E+00	-2.76E-01	-1.19E-05	-2.76E-01	-5.48E-01	-9.84E-02	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
MDU163P	-4.17E-03	-2.77E-02	4.25E-04	-3.19E-02	0.00E+00	0.00E+00	-7.60E-01	-4.64E-04	1.64E-04	-2.18E-03	0.00E+00	0.00E+00	-6.31E-10	-2.93E-08	-1.40E-03	-5.41E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-3.81E-01	0.00E+00	1.56E-09	-1.20E-08	-8.87E-04	0.00E+00	-1.17E-01	0.00E+00	-3.81E-01	-1.29E-05	-3.81E-01	-6.57E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-4.85E+01
MDU206P	-5.11E-03	-3.78E-01	-3.99E-03	-3.62E-01	0.00E+00	0.00E+00	-2.17E+00	-4.70E-04	-4.38E-04	-4.12E-03	0.00E+00	0.00E+00	-1.31E-09	-5.04E-08	-1.60E-02	-5.90E+00	0.00E+00	0.00E+00	-2.54E+00	0.00E+00	-2.80E+00	0.00E+00	-1.17E-08	-2.54E-08	-1.53E-03	0.00E+00	-1.61E+00	0.00E+00	-2.80E+00	-1.13E-05	-2.80E+00	-4.36E+00	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MDU210P	-4.16E-03	-3.31E-01	-3.73E-03	-3.27E-01	0.00E+00	0.00E+00	-1.97E+00	-4.59E-04	-3.86E-04	-3.89E-03	0.00E+00	0.00E+00	-1.23E-09	-4.00E-08	-1.36E-02	-4.19E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-2.78E+00	0.00E+00	-1.18E-08	-2.54E-08	-1.49E-03	0.00E+00	-6.46E-01	0.00E+00	-2.78E+00	-1.12E-05	-2.78E+00	-3.89E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+01
MDU216P	-4.51E-03	-3.73E-01	-3.70E-03	-3.60E-01	0.00E+00	0.00E+00	-2.14E+00	-6.11E-04	-3.85E-04	-4.16E-03	0.00E+00	0.00E+00	-1.37E-09	-4.64E-08	-1.53E-02	-4.26E+00	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-2.77E+00	0.00E+00	-1.15E-08	-2.63E-08	-1.70E-03	0.00E+00	-7.45E-01	0.00E+00	-2.77E+00	-1.35E-05	-2.77E+00	-4.18E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MDU220P	-5.32E-03	-4.31E-01	-3.72E-03	-3.84E-01	0.00E+00	0.00E+00	-2.84E+00	-8.24E-04	-4.30E-04	-4.71E-03	0.00E+00	0.00E+00	-1.40E-09	-7.54E-08	-1.68E-02	-1.12E+01	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	-2.84E+00	0.00E+00	-1.20E-08	-2.83E-08	-2.06E-03	0.00E+00	-1.15E+00	0.00E+00	-2.84E+00	-1.82E-05	-2.84E+00	-4.31E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MDU225P	-9.64E-03	-4.42E-01	-4.04E-03	-3.93E-01	0.00E+00	0.00E+00	-3.38E+00	-1.02E-03	-5.20E-04	-5.68E-03	0.00E+00	0.00E+00	-1.57E-09	-1.10E-07	-1.79E-02	-1.25E+01	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-2.88E+00	0.00E+00	-1.22E-08	-3.00E-08	-2.24E-03	0.00E+00	-2.34E+00	0.00E+00	-2.88E+00	-2.35E-05	-2.88E+00	-4.51E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
MDU232P	-9.88E-03	-4.45E-01	-4.03E-03	-3.91E-01	0.00E+00	0.00E+00	-3.47E+00	-1.05E-03	-5.58E-04	-6.55E-03	0.00E+00	0.00E+00	-1.57E-09	-1.10E-07	-1.74E-02	-1.25E+01	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-2.90E+00	0.00E+00	-1.18E-08	-3.02E-08	-2.32E-03	0.00E+00	-2.37E+00	0.00E+00	-2.90E+00	-2.39E-05	-2.90E+00	-4.55E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MDU240P	-1.62E-02	-4.48E-01	-4.60E-03	-4.00E-01	0.00E+00	0.00E+00	-4.53E+00	-1.23E-03	-8.20E-04	-9.41E-03	0.00E+00	0.00E+00	-1.63E-09	-1.79E-07	-1.83E-02	-1.28E+01	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-2.93E+00	0.00E+00	-1.28E-08	-4.42E-08	-3.02E-03	0.00E+00	-2.40E+00	0.00E+00	-2.93E+00	-3.76E-05	-2.93E+00	-5.05E+00	-2.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MDU250P	-1.52E-02	-2.47E-01	-2.69E-03	-1.44E-01	0.00E+00	0.00E+00	-2.63E+00	-1.04E-03	4.33E-05	-8.06E-03	0.00E+00	0.00E+00	-1.26E-09	-1.96E-07	-8.05E-03	-1.14E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-1.49E+00	0.00E+00	-1.58E-09	-2.97E-08	-1.74E-03	0.00E+00	-4.50E-01	0.00E+00	-1.49E+00	-3.99E-05	-1.49E+00	-2.52E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MDU263P	-1.69E-02	-2.47E-01	-2.77E-03	-1.56E-01	0.00E+00	0.00E+00	-3.74E+00	-1.69E-03	4.65E-06	-9.43E-03	0.00E+00	0.00E+00	-2.81E-09	-2.59E-07	-7.50E-03	-1.12E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.78E+00	0.00E+00	-1.30E-09	-3.31E-08	-2.89E-03	0.00E+00	-5.06E-01	0.00E+00	-1.78E+00	-6.75E-05	-1.78E+00	-2.46E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MDU306P	-5.37E-03	-4.69E-01	-4.12E-03	-4.62E-01	0.00E+00	0.00E+00	-2.20E+00	-5.59E-04	-4.35E-04	-4.32E-03	0.00E+00	0.00E+00	-1.43E-09	-5.76E-08	-1.83E-02	-6.03E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	-3.12E+00	0.00E+00	-1.42E-08	-2.63E-08	-1.71E-03	0.00E+00	-2.05E+00	0.00E+00	-3.12E+00	-1.39E-05	-3.12E+00	-4.69E+00	-2.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MDU310P	-8.24E-03	-4.89E-01	-6.01E-03	-4.99E-01	0.00E+00	0.00E+00	-2.72E+00	-8.16E-04	-6.07E-04	-7.23E-03	0.00E+00	0.00E+00	-2.95E-09	-7.78E-08	-2.56E-02	-4.55E+00	0.00E+00	0.00E+00	-3.72E+00	0.00E+00	-4.03E+00	0.00E+00	-1.81E-08	-3.98E-08	-2.60E-03	0.00E+00	-7.86E-01	0.00E+00	-4.03E+00	-2.59E-05	-4.03E+00	-5.00E+00	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MDU316P	-5.43E-03	-4.66E-01	-4.18E-03	-4.57E-01	0.00E+00	0.00E+00	-2.50E+00	-7.52E-04	-4.33E-04	-4.80E-03	0.00E+00	0.00E+00	-1.44E-09	-6.13E-08	-1.85E-02	-4.37E+00	0.00E+00	0.00E+00	-2.96E+00	0.00E+00	-3.15E+00	0.00E+00	-1.44E-08	-2.86E-08	-1.95E-03	0.00E+00	-8.13E-01	0.00E+00	-3.15E+00	-1.66E-05	-3.15E+00	-4.95E+00	-8.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MDU320P	-8.08E-03	-5.25E-01	-4.46E-03	-4.84E-01	0.00E+00	0.00E+00	-3.58E+00	-9.93E-04	-5.44E-04	-5.86E-03	0.00E+00	0.00E+00	-1.46E-09	-9.65E-08	-2.08E-02	-1.29E+01	0.00E+00	0.00E+00	-3.40E+00	0.00E+00	-3.25E+00	0.00E+00	-1.50E-08	-3.16E-08	-2.44E-03	0.00E+00	-1.27E+00	0.00E+00	-3.25E+00	-2.51E-05	-3.25E+00	-5.04E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MDU325P	-2.29E-02	-6.25E-01	-7.91E-03	-6.37E-01	0.00E+00	0.00E+00	-4.72E+00	-1.87E-03	-1.05E-03	-1.29E-02	0.00E+00	0.00E+00	-4.35E-09	-2.18E-07	-3.44E-02	-1.68E+01	0.00E+00	0.00E+00	-5.26E+00	0.00E+00	-4.62E+00	0.00E+00	-2.32E-08	-6.49E-08	-4.01E-03	0.00E+00	-2.74E+00	0.00E+00	-4.62E+00	-5.35E-05	-4.62E+00	-7.08E+00	-2.74E+00	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MDU332P	-2.14E-02	-5.32E-01	-5.46E-03	-5.10E-01	0.00E+00	0.00E+00	-5.28E+00	-1.92E-03	-1.07E-03	-1.25E-02	0.00E+00	0.00E+00	-3.57E-09	-2.65E-07	-2.17E-02	-1.46E+01	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-3.34E+00	0.00E+00	-1.54E-08	-5.39E-08	-4.75E-03	0.00E+00	-2.46E+00	0.00E+00	-3.34E+00	-7.27E-05	-3.34E+00	-5.56E+00	-2.46E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MDU340P	-2.54E-02	-5.24E-01	-5.42E-03	-5.09E-01	0.00E+00	0.00E+00	-7.51E+00	-2.36E-03	-1.27E-03	-1.78E-02	0.00E+00	0.00E+00	-4.35E-09	-3.22E-07	-2.16E-02	-1.48E+01	0.00E+00	0.00E+00	-5.88E+00	0.00E+00	-3.37E+00	0.00E+00	-1.23E-08	-6.01E-08	-4.76E-03	0.00E+00	-2.53E+00	0.00E+00	-3.37E+00	-8.85E-05	-3.37E+00	-5.65E+00	-2.53E+00	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MDU350P	-1.95E-02	-2.50E-01	-3.46E-03	-1.63E-01	0.00E+00	0.00E+00	-5.17E+00	-2.43E-03	-3.36E-04	-1.38E-02	0.00E+00	0.00E+00	-3.54E-09	-2.91E-07	-8.56E-03	-1.20E+00	0.00E+00	0.00E+00	-4.12E+00	0.00E+00	-1.92E+00	0.00E+00	-2.42E-09	-3.92E-08	-3.11E-03	0.00E+00	-5.54E-01	0.00E+00	-1.92E+00	-7.48E-05	-1.92E+00	-2.79E+00	-5.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MDU363P	-2.08E-02	-2.50E-01	-3.48E-03	-1.87E-01	0.00E+00	0.00E+00	-6.07E+00	-2.38E-03	-5.08E-04	-1.44E-02	0.00E+00	0.00E+00	-3.62E-09	-2.98E-07	-9.03E-03	-1.24E+00	0.00E+00	0.00E+00	-4.72E+00	0.00E+00	-2.56E+00	0.00E+00	-2.58E-09	-4.20E-08	-3.36E-03	0.00E+00	-5.87E-01	0.00E+00	-2.56E+00	-7.55E-05	-2.56E+00	-3.48E+00	-5.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
MDU406P	-6.07E-03	-4.64E-01	-4.05E-03	-4.65E-01	0.00E+00	0.00E+00	-2.32E+00	-7.37E-04	-4.05E-04	-4.82E-03	0.00E+00	0.00E+00	-1.57E-09	-6.56E-08	-1.87E-02	-6.45E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-3.11E+00	0.00E+00	-1.25E-08	-2.88E-08	-1.91E-03	0.00E+00	-1.99E+00	0.00E+00	-3.11E+00	-1.74E-05	-3.11E+00	-4.73E+00	-1.99E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MDU410P	-5.66E-03	-4.21E-01	-3.78E-03	-4.29E-01	0.00E+00	0.00E+00	-2.37E+00	-8.12E-04	-4.24E-04	-4.75E-03	0.00E+00	0.00E+00	-1.47E-09	-6.14E-08	-1.71E-02	-4.41E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-3.15E+00	0.00E+00	-1.25E-08	-3.00E-08	-1.88E-03	0.00E+00	-7.23E-01	0.00E+00	-3.15E+00	-1.72E-05	-3.15E+00	-4.47E+00	-7.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MDU416P	-1.15E-02	-4.71E-01	-4.57E-03	-4.79E-01	0.00E+00	0.00E+00	-3.45E+00	-1.14E-03	-7.72E-04	-7.99E-03	0.00E+00	0.00E+00	-1.63E-09	-1.19E-07	-1.95E-02	-4.55E+00	0.00E+00	0.00E+00	-3.39E+00	0.00E+00	-3.20E+00	0.00E+00	-1.30E-08	-4.36E-08	-2.89E-03	0.00E+00	-8.34E-01	0.00E+00	-3.20E+00	-3.18E-05	-3.20E+00	-5.14E+00	-8.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
MDU420P	-2.17E-02	-6.05E-01	-7.61E-03	-6.29E-01	0.00E+00	0.00E+00	-4.96E+00	-1.71E-03	-1.14E-03	-1.62E-02	0.00E+00	0.00E+00	-4.51E-09	-2.07E-07	-3.16E-02	-1.58E+01	0.00E+00	0.00E+00	-5.10E+00	0.00E+00	-4.48E+00	0.00E+00	-1.80E-08	-7.00E-08	-4.54E-03	0.00E+00	-1.50E+00	0.00E+00	-4.48E+00	-6.09E-05	-4.48E+00	-6.82E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+02
MDU425P	-2.40E-02	-5.24E-01	-5.41E-03	-5.10E-01	0.00E+00	0.00E+00	-5.72E+00	-2.32E-03	-9.07E-04	-1.42E-02	0.00E+00	0.00E+00	-3.93E-09	-2.95E-07	-2.20E-02	-1.49E+01	0.00E+00	0.00E+00	-4.72E+00	0.00E+00	-3.25E+00	0.00E+00	-1.30E-08	-5.67E-08	-4.55E-03	0.00E+00	-2.45E+00	0.00E+00	-3.25E+00	-8.65E-05	-3.25E+00	-5.47E+00	-2.45E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
MDU432P	-2.45E-02	-5.26E-01	-5.34E-03	-5.12E-01	0.00E+00	0.00E+00	-5.76E+00	-2.32E-03	-8.91E-04	-1.47E-02	0.00E+00	0.00E+00	-3.89E-09	-3.00E-07	-2.17E-02	-1.50E+01	0.00E+00	0.00E+00	-4.74E+00	0.00E+00	-3.25E+00	0.00E+00	-1.25E-08	-5.81E-08	-4.63E-03	0.00E+00	-2.48E+00	0.00E+00	-3.25E+00	-8.70E-05	-3.25E+00	-5.53E+00	-2.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
MDU440P	-2.59E-02	-5.29E-01	-5.22E-03	-5.15E-01	0.00E+00	0.00E+00	-7.30E+00	-2.45E-03	-1.17E-03	-1.83E-02	0.00E+00	0.00E+00	-4.33E-09	-3.36E-07	-2.19E-02	-1.52E+01	0.00E+00	0.00E+00	-5.73E+00	0.00E+00	-3.25E+00	0.00E+00	-1.22E-08	-6.01E-08	-4.75E-03	0.00E+00	-2.55E+00	0.00E+00	-3.25E+00	-9.05E-05	-3.25E+00	-5.55E+00	-2.55E+00	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
MDU450P	-2.11E-02	-2.54E-01	-3.49E-03	-1.93E-01	0.00E+00	0.00E+00	-6.01E+00	-2.42E-03	-4.55E-04	-1.48E-02	0.00E+00	0.00E+00	-3.61E-09	-3.05E-07	-1.00E-02	-1.36E+00	0.00E+00	0.00E+00	-4.51E+00	0.00E+00	-2.52E+00	0.00E+00	-2.42E-09	-4.21E-08	-3.31E-03	0.00E+00	-5.89E-01	0.00E+00	-2.52E+00	-7.58E-05	-2.52E+00	-3.51E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MDU463P	-1.91E-02	-2.54E-01	-3.49E-03	-1.93E-01	0.00E+00	0.00E+00	-5.83E+00	-2.42E-03	-3.19E-04	-1.48E-02	0.00E+00	0.00E+00	-3.60E-09	-3.13E-07	-9.05E-03	-1.36E+00	0.00E+00	0.00E+00	-4.44E+00	0.00E+00	-2.17E+00	0.00E+00	-2.42E-09	-4.31E-08	-3.33E-03	0.00E+00	-5.86E-01	0.00E+00	-2.17E+00	-6.52E-05	-2.17E+00	-3.38E+00	-5.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MDX106P	-4.18E-03	-1.86E-01	-1.42E-03	-1.72E-01	0.00E+00	0.00E+00	-1.74E+00	-3.97E-04	-2.94E-04	-3.80E-03	0.00E+00	0.00E+00	-1.28E-09	-5.24E-08	-6.25E-03	-4.53E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-1.31E+00	0.00E+00	-5.85E-09	-1.91E-08	-1.22E-03	0.00E+00	-1.24E+00	0.00E+00	-1.31E+00	-1.21E-05	-1.31E+00	-2.11E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-7.03E+01
MDX110P	-3.61E-03	-1.71E-01	-1.41E-03	-1.71E-01	0.00E+00	0.00E+00	-1.62E+00	-3.81E-04	-2.33E-04	-3.75E-03	0.00E+00	0.00E+00	-1.12E-09	-4.98E-08	-5.29E-03	-4.49E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-1.31E+00	0.00E+00	-5.79E-09	-1.77E-08	-1.09E-03	0.00E+00	-1.20E+00	0.00E+00	-1.31E+00	-1.02E-05	-1.31E+00	-1.94E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-6.67E+01
MDX116P	-3.99E-03	-1.83E-01	-1.42E-03	-1.70E-01	0.00E+00	0.00E+00	-1.71E+00	-4.19E-04	-2.42E-04	-3.74E-03	0.00E+00	0.00E+00	-1.15E-09	-5.61E-08	-6.00E-03	-4.52E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	-1.30E+00	0.00E+00	-5.80E-09	-1.87E-08	-1.26E-03	0.00E+00	-1.24E+00	0.00E+00	-1.30E+00	-1.10E-05	-1.30E+00	-2.08E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-7.14E+01
MDX120P	-4.82E-03	-1.94E-01	-1.35E-03	-1.79E-01	0.00E+00	0.00E+00	-2.41E+00	-5.26E-04	-2.85E-04	-4.03E-03	0.00E+00	0.00E+00	-1.34E-09	-7.61E-08	-7.25E-03	-8.01E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	-1.32E+00	0.00E+00	-5.76E-09	-1.94E-08	-1.61E-03	0.00E+00	-1.65E+00	0.00E+00	-1.32E+00	-1.34E-05	-1.32E+00	-2.14E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-8.29E+01
MDX125P	-7.05E-03	-2.05E-01	-1.53E-03	-1.89E-01	0.00E+00	0.00E+00	-2.67E+00	-6.21E-04	-3.71E-04	-4.43E-03	0.00E+00	0.00E+00	-1.50E-09	-9.43E-08	-8.23E-03	-8.23E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-1.39E+00	0.00E+00	-6.29E-09	-2.20E-08	-1.77E-03	0.00E+00	-1.66E+00	0.00E+00	-1.39E+00	-1.99E-05	-1.39E+00	-2.27E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-9.16E+01
MDX132P	-8.72E-03	-2.12E-01	-1.58E-03	-1.91E-01	0.00E+00	0.00E+00	-2.94E+00	-9.02E-04	-3.63E-04	-5.24E-03	0.00E+00	0.00E+00	-1.68E-09	-1.08E-07	-7.66E-03	-8.21E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.40E+00	0.00E+00	-6.54E-09	-2.26E-08	-2.01E-03	0.00E+00	-1.67E+00	0.00E+00	-1.40E+00	-2.59E-05	-1.40E+00	-2.32E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-9.76E+01
MDX140P	-8.64E-03	-2.06E-01	-1.49E-03	-1.88E-01	0.00E+00	0.00E+00	-2.95E+00	-9.65E-04	-3.65E-04	-5.44E-03	0.00E+00	0.00E+00	-1.70E-09	-1.11E-07	-7.84E-03	-8.08E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-1.41E+00	0.00E+00	-6.35E-09	-2.32E-08	-2.12E-03	0.00E+00	-1.66E+00	0.00E+00	-1.41E+00	-2.64E-05	-1.41E+00	-2.31E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MFN701	-2.03E-03	1.51E-01	2.45E-03	1.48E-01	0.00E+00	0.00E+00	6.98E-02	-2.60E-04	1.40E-04	-6.60E-05	0.00E+00	0.00E+00	-2.89E-10	-2.80E-08	4.43E-03	-5.92E-02	0.00E+00	0.00E+00	-8.78E-02	0.00E+00	8.28E-01	0.00E+00	7.91E-09	-9.27E-10	-7.17E-05	0.00E+00	3.29E-02	0.00E+00	8.28E-01	-9.38E-06	8.28E-01	8.60E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	-7.88E+00
MFN702	-2.45E-04	7.36E-02	7.32E-04	7.28E-02	0.00E+00	0.00E+00	-1.05E-02	-5.67E-05	1.61E-04	2.95E-04	0.00E+00	0.00E+00	-6.63E-10	-4.45E-09	1.64E-03	-2.69E-01	0.00E+00	0.00E+00	-3.92E-01	0.00E+00	-1.29E-01	0.00E+00	2.38E-09	-3.63E-09	-9.30E-05	0.00E+00	-5.45E-02	0.00E+00	-1.29E-01	-2.54E-06	-1.29E-01	-1.84E-01	-5.45E-02	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
MFN706	-2.46E-03	3.39E-03	7.05E-04	1.05E-02	0.00E+00	0.00E+00	-4.05E-01	-3.00E-04	9.95E-05	-1.43E-03	0.00E+00	0.00E+00	-8.22E-10	-3.51E-08	-6.76E-04	-5.05E-01	0.00E+00	0.00E+00	-6.59E-01	0.00E+00	-1.97E-01	0.00E+00	1.45E-09	-7.40E-09	-6.57E-04	0.00E+00	-1.05E-01	0.00E+00	-1.97E-01	-1.04E-05	-1.97E-01	-2.64E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
MFN706A	-2.88E-03	1.05E-03	3.95E-04	9.87E-03	0.00E+00	0.00E+00	-5.19E-01	-2.12E-04	6.70E-05	-1.36E-03	0.00E+00	0.00E+00	-7.94E-10	-3.00E-08	-9.64E-04	-7.29E-01	0.00E+00	0.00E+00	-7.21E-01	0.00E+00	-1.86E-01	0.00E+00	1.82E-09	-6.82E-09	-5.42E-04	0.00E+00	-8.08E-02	0.00E+00	-1.86E-01	-6.04E-06	-1.86E-01	-4.02E-01	-8.08E-02	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
MFN710	-5.50E-03	-1.41E-01	-2.28E-03	-1.39E-01	0.00E+00	0.00E+00	-1.50E+00	-5.22E-04	-3.04E-04	-3.80E-03	0.00E+00	0.00E+00	-1.43E-09	-6.07E-08	-7.68E-03	-1.12E+00	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-1.40E+00	0.00E+00	-6.31E-09	-1.72E-08	-1.24E-03	0.00E+00	-2.81E-01	0.00E+00	-1.40E+00	-1.61E-05	-1.40E+00	-1.68E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MFN710A	-2.86E-03	-1.03E-03	2.37E-04	4.44E-03	0.00E+00	0.00E+00	-5.43E-01	-2.66E-04	7.43E-05	-1.64E-03	0.00E+00	0.00E+00	-7.51E-10	-3.75E-08	-9.79E-04	-7.82E-01	0.00E+00	0.00E+00	-7.41E-01	0.00E+00	-2.15E-01	0.00E+00	1.40E-09	-7.72E-09	-6.14E-04	0.00E+00	-8.89E-02	0.00E+00	-2.15E-01	-5.67E-06	-2.15E-01	-4.49E-01	-8.89E-02	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
MFN716	-5.79E-03	-1.44E-01	-2.34E-03	-1.41E-01	0.00E+00	0.00E+00	-1.57E+00	-5.51E-04	-3.17E-04	-3.96E-03	0.00E+00	0.00E+00	-1.46E-09	-6.41E-08	-7.74E-03	-1.14E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-1.42E+00	0.00E+00	-6.43E-09	-1.78E-08	-1.29E-03	0.00E+00	-2.87E-01	0.00E+00	-1.42E+00	-1.70E-05	-1.42E+00	-1.71E+00	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-7.28E+01
MFN716A	-3.77E-03	-3.71E-03	-3.72E-05	2.48E-03	0.00E+00	0.00E+00	-8.87E-01	-4.47E-04	6.13E-05	-2.16E-03	0.00E+00	0.00E+00	-8.93E-10	-4.96E-08	-2.84E-03	-7.31E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-3.09E-01	0.00E+00	1.30E-09	-1.08E-08	-8.94E-04	0.00E+00	-9.61E-02	0.00E+00	-3.09E-01	-1.26E-05	-3.09E-01	-5.43E-01	-9.61E-02	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
MFN720	1.03E-03	1.03E-01	3.16E-03	1.00E-01	0.00E+00	0.00E+00	4.91E-01	-1.31E-05	7.68E-04	8.35E-04	0.00E+00	0.00E+00	-2.67E-10	6.91E-09	-1.86E-03	1.69E-01	0.00E+00	0.00E+00	2.28E-01	0.00E+00	4.29E-01	0.00E+00	6.12E-09	5.58E-10	1.45E-04	0.00E+00	4.08E-02	0.00E+00	4.29E-01	-6.32E-07	4.29E-01	4.70E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	7.31E+00
MFN720A	-2.51E-02	-2.08E-01	-3.00E-03	-1.40E-01	0.00E+00	0.00E+00	-6.44E+00	-2.98E-03	-1.94E-03	-1.53E-02	0.00E+00	0.00E+00	-4.82E-09	-2.44E-07	-7.85E-03	-5.63E+00	0.00E+00	0.00E+00	-6.77E+00	0.00E+00	-1.89E+00	0.00E+00	-5.45E-09	-6.50E-08	-4.63E-03	0.00E+00	-1.05E+00	0.00E+00	-1.89E+00	-5.14E-05	-1.89E+00	-2.87E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E+02
MFN725	-3.25E-03	7.49E-03	9.74E-04	8.14E-03	0.00E+00	0.00E+00	-1.18E+00	-6.83E-04	3.18E-04	-2.10E-03	0.00E+00	0.00E+00	-9.05E-10	-5.71E-08	-2.47E-03	-5.38E-01	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-2.83E-01	0.00E+00	2.22E-09	-1.04E-08	-9.11E-04	0.00E+00	-8.88E-02	0.00E+00	-2.83E-01	-1.55E-05	-2.83E-01	-4.19E-01	-8.88E-02	0.00E+00	0.00E+00	0.00E+00	-6.26E+01
MFN732	-1.42E-02	1.39E-02	-1.22E-03	1.52E-02	0.00E+00	0.00E+00	-3.09E+00	-1.45E-03	-5.54E-04	-7.16E-03	0.00E+00	0.00E+00	-1.80E-09	-1.68E-07	-4.97E-03	-1.34E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	-5.54E-01	0.00E+00	-7.29E-11	-2.49E-08	-2.09E-03	0.00E+00	-2.95E-01	0.00E+00	-5.54E-01	-4.22E-05	-5.54E-01	-8.49E-01	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MFN910	-1.95E-03	-7.20E-02	2.82E-04	-7.23E-02	0.00E+00	0.00E+00	-3.77E-01	-2.23E-04	1.64E-04	-1.66E-03	0.00E+00	0.00E+00	-7.98E-10	-2.23E-08	-5.07E-03	-8.29E-01	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-5.74E-01	0.00E+00	-1.21E-09	-8.53E-09	-5.87E-04	0.00E+00	-1.65E-01	0.00E+00	-5.74E-01	-8.40E-06	-5.74E-01	-7.39E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
MFN916	6.81E-04	1.22E-01	2.45E-03	1.19E-01	0.00E+00	0.00E+00	3.07E-01	-2.11E-05	5.28E-04	9.19E-04	0.00E+00	0.00E+00	-4.98E-10	3.65E-09	3.13E-03	-1.96E-01	0.00E+00	0.00E+00	5.41E-02	0.00E+00	2.44E-01	0.00E+00	5.38E-09	-1.21E-09	8.47E-05	0.00E+00	-1.89E-03	0.00E+00	2.44E-01	-1.04E-06	2.44E-01	2.42E-01	-1.89E-03	0.00E+00	0.00E+00	0.00E+00	-3.33E-01
MFN920	-1.23E-02	9.62E-02	1.02E-04	9.61E-02	0.00E+00	0.00E+00	-2.50E+00	-1.27E-03	-4.27E-04	-5.59E-03	0.00E+00	0.00E+00	-1.45E-09	-1.47E-07	-3.33E-03	-1.13E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-8.14E-02	0.00E+00	3.38E-09	-2.00E-08	-1.66E-03	0.00E+00	-2.22E-01	0.00E+00	-8.14E-02	-3.80E-05	-8.14E-02	-3.04E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-8.98E+01
MFN925	-1.46E-03	-6.09E-02	1.52E-03	-6.25E-02	0.00E+00	0.00E+00	-2.96E-01	-2.47E-04	6.86E-04	-1.66E-03	0.00E+00	0.00E+00	-7.71E-10	-1.97E-08	7.13E-04	-7.72E-01	0.00E+00	0.00E+00	-3.76E-01	0.00E+00	-3.73E-01	0.00E+00	-1.85E-10	-7.45E-09	-5.47E-04	0.00E+00	-1.09E-01	0.00E+00	-3.73E-01	-9.30E-06	-3.73E-01	-4.81E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
MFS701	-4.35E-03	2.53E-02	-3.69E-04	2.56E-02	0.00E+00	0.00E+00	-1.12E+00	-4.73E-04	1.01E-04	-2.24E-03	0.00E+00	0.00E+00	-1.16E-09	-5.23E-08	-5.27E-03	-6.45E-01	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-6.56E-01	0.00E+00	-3.11E-10	-1.21E-08	-7.97E-04	0.00E+00	-1.75E-01	0.00E+00	-6.56E-01	-1.76E-05	-6.56E-01	-8.31E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
MFS702	5.53E-04	8.60E-02	1.59E-03	8.44E-02	0.00E+00	0.00E+00	2.02E-01	-1.58E-05	4.80E-04	6.35E-04	0.00E+00	0.00E+00	-4.91E-10	3.46E-09	-3.14E-03	-1.18E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	4.23E-02	0.00E+00	3.93E-09	-1.68E-09	4.71E-05	0.00E+00	-4.68E-02	0.00E+00	4.23E-02	-1.01E-06	4.23E-02	-4.57E-03	-4.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
MFS706	-7.95E-03	-1.16E-01	-1.47E-03	-1.15E-01	0.00E+00	0.00E+00	-1.98E+00	-8.14E-04	-1.54E-04	-5.02E-03	0.00E+00	0.00E+00	-1.49E-09	-9.18E-08	-6.88E-03	-1.07E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-1.12E+00	0.00E+00	-4.31E-09	-1.93E-08	-1.53E-03	0.00E+00	-2.56E-01	0.00E+00	-1.12E+00	-2.39E-05	-1.12E+00	-1.38E+00	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-7.81E+01
MFS710	-8.99E-03	-5.50E-02	-7.63E-04	-5.43E-02	0.00E+00	0.00E+00	-1.88E+00	-9.04E-04	-3.85E-04	-4.95E-03	0.00E+00	0.00E+00	-1.13E-09	-1.05E-07	4.37E-05	-1.26E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	-4.34E-01	0.00E+00	-1.36E-09	-1.66E-08	-1.43E-03	0.00E+00	-2.17E-01	0.00E+00	-4.34E-01	-2.77E-05	-4.34E-01	-6.51E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01
MFS716	-9.67E-03	-1.35E-01	-2.62E-03	-1.32E-01	0.00E+00	0.00E+00	-2.39E+00	-9.47E-04	-4.64E-04	-5.88E-03	0.00E+00	0.00E+00	-1.67E-09	-1.11E-07	-7.76E-03	-1.38E+00	0.00E+00	0.00E+00	-2.25E+00	0.00E+00	-1.34E+00	0.00E+00	-6.11E-09	-2.24E-08	-1.77E-03	0.00E+00	-3.28E-01	0.00E+00	-1.34E+00	-2.95E-05	-1.34E+00	-1.67E+00	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-9.56E+01
MFS720	-1.21E-02	-1.28E-01	-2.42E-03	-1.25E-01	0.00E+00	0.00E+00	-2.94E+00	-1.22E-03	-4.09E-04	-7.14E-03	0.00E+00	0.00E+00	-1.87E-09	-1.40E-07	-7.54E-03	-1.61E+00	0.00E+00	0.00E+00	-2.62E+00	0.00E+00	-1.28E+00	0.00E+00	-5.47E-09	-2.57E-08	-2.10E-03	0.00E+00	-3.65E-01	0.00E+00	-1.28E+00	-3.56E-05	-1.28E+00	-1.65E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MFS725	-8.09E-04	-4.53E-02	1.71E-03	-4.70E-02	0.00E+00	0.00E+00	-1.24E-01	-1.93E-04	8.22E-04	-1.27E-03	0.00E+00	0.00E+00	-7.14E-10	-1.25E-08	-4.28E-03	-3.85E-01	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	-2.94E-01	0.00E+00	8.39E-10	-5.99E-09	-4.14E-04	0.00E+00	-8.77E-02	0.00E+00	-2.94E-01	-7.47E-06	-2.94E-01	-3.82E-01	-8.77E-02	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
MFS732	-1.76E-02	-1.65E-01	-3.84E-03	-1.61E-01	0.00E+00	0.00E+00	-4.27E+00	-1.75E-03	-7.97E-04	-1.02E-02	0.00E+00	0.00E+00	-2.55E-09	-2.04E-07	-3.40E-03	-1.88E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-1.68E+00	0.00E+00	-8.13E-09	-3.55E-08	-2.96E-03	0.00E+00	-4.14E-01	0.00E+00	-1.68E+00	-5.21E-05	-1.68E+00	-2.09E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MHN506	-7.77E-04	9.20E-03	1.36E-03	1.26E-02	0.00E+00	0.00E+00	-4.47E-03	-2.42E-04	1.68E-04	-1.15E-03	0.00E+00	0.00E+00	-4.20E-10	-1.79E-08	2.78E-04	-4.10E-01	0.00E+00	0.00E+00	-2.11E-01	0.00E+00	-3.53E-02	0.00E+00	2.26E-09	-4.07E-09	-3.21E-04	0.00E+00	-6.50E-02	0.00E+00	-3.53E-02	-5.10E-06	-3.53E-02	-1.01E-01	-6.50E-02	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
MHN506A	-2.07E-03	5.13E-03	1.00E-03	1.10E-02	0.00E+00	0.00E+00	-1.95E-01	-2.46E-04	1.21E-04	-1.27E-03	0.00E+00	0.00E+00	-6.44E-10	-3.52E-08	-6.57E-04	-4.28E-01	0.00E+00	0.00E+00	-4.08E-01	0.00E+00	-1.67E-01	0.00E+00	2.50E-09	-5.32E-09	-4.59E-04	0.00E+00	-7.77E-02	0.00E+00	-1.67E-01	-9.39E-06	-1.67E-01	-2.19E-01	-7.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
MHN510	6.24E-04	4.76E-02	2.75E-03	4.49E-02	0.00E+00	0.00E+00	7.02E-01	1.25E-06	3.62E-04	5.08E-04	0.00E+00	0.00E+00	6.63E-11	4.61E-09	3.87E-03	-1.96E-01	0.00E+00	0.00E+00	4.52E-01	0.00E+00	7.68E-01	0.00E+00	5.95E-09	2.64E-09	1.59E-04	0.00E+00	2.96E-02	0.00E+00	7.68E-01	5.85E-08	7.68E-01	7.98E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
MHN510A	-1.35E-03	2.32E-03	6.44E-04	5.47E-03	0.00E+00	0.00E+00	-2.76E-01	-3.23E-04	1.10E-04	-1.35E-03	0.00E+00	0.00E+00	-6.64E-10	-3.66E-08	-1.14E-04	-4.57E-01	0.00E+00	0.00E+00	-5.11E-01	0.00E+00	-1.86E-01	0.00E+00	1.36E-09	-6.74E-09	-5.30E-04	0.00E+00	-8.70E-02	0.00E+00	-1.86E-01	-1.07E-05	-1.86E-01	-2.52E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
MHN516	-4.90E-03	-3.54E-02	2.96E-04	-3.57E-02	0.00E+00	0.00E+00	-8.00E-01	-4.97E-04	-1.87E-04	-2.72E-03	0.00E+00	0.00E+00	-6.54E-10	-5.69E-08	-5.43E-03	-8.60E-01	0.00E+00	0.00E+00	-8.10E-01	0.00E+00	-1.63E-01	0.00E+00	7.24E-10	-9.53E-09	-8.03E-04	0.00E+00	-1.66E-01	0.00E+00	-1.63E-01	-1.44E-05	-1.63E-01	-3.29E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
MHN516A	-1.54E-03	4.57E-03	6.86E-04	7.07E-03	0.00E+00	0.00E+00	-3.30E-01	-3.45E-04	1.16E-04	-1.37E-03	0.00E+00	0.00E+00	-5.69E-10	-4.17E-08	-6.41E-04	-3.99E-01	0.00E+00	0.00E+00	-5.18E-01	0.00E+00	-1.60E-01	0.00E+00	1.57E-09	-6.67E-09	-5.02E-04	0.00E+00	-7.85E-02	0.00E+00	-1.60E-01	-1.09E-05	-1.60E-01	-2.69E-01	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
MHN520	1.10E-03	3.90E-02	3.58E-03	3.55E-02	0.00E+00	0.00E+00	7.45E-01	-3.41E-06	7.56E-04	4.37E-04	0.00E+00	0.00E+00	2.02E-11	8.36E-09	3.93E-03	-1.02E-01	0.00E+00	0.00E+00	5.76E-01	0.00E+00	7.36E-01	0.00E+00	6.09E-09	2.45E-09	1.40E-04	0.00E+00	5.58E-02	0.00E+00	7.36E-01	-1.25E-07	7.36E-01	7.92E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MHN520A	-3.38E-03	1.06E-02	9.35E-04	1.43E-02	0.00E+00	0.00E+00	-5.37E-01	-3.28E-04	1.88E-04	-1.81E-03	0.00E+00	0.00E+00	-6.69E-10	-5.33E-08	-7.38E-05	-5.37E-01	0.00E+00	0.00E+00	-6.75E-01	0.00E+00	-1.11E-01	0.00E+00	3.14E-09	-8.34E-09	-1.14E-03	0.00E+00	-6.24E-02	0.00E+00	-1.11E-01	-1.48E-05	-1.11E-01	-1.32E-01	-6.24E-02	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
MHN525	8.10E-04	1.44E-01	4.33E-03	1.39E-01	0.00E+00	0.00E+00	6.71E-01	-6.48E-05	8.92E-04	9.38E-04	0.00E+00	0.00E+00	-3.28E-11	2.22E-09	5.02E-03	1.94E-01	0.00E+00	0.00E+00	5.53E-01	0.00E+00	9.94E-01	0.00E+00	8.93E-09	3.07E-09	2.42E-04	0.00E+00	1.08E-01	0.00E+00	9.94E-01	-2.30E-06	9.94E-01	1.10E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MHN525A	-4.12E-03	1.35E-02	1.16E-03	1.73E-02	0.00E+00	0.00E+00	-8.99E-01	-4.34E-04	2.36E-04	-1.59E-03	0.00E+00	0.00E+00	-5.31E-10	-1.01E-07	-4.22E-04	-5.41E-01	0.00E+00	0.00E+00	-9.23E-01	0.00E+00	-1.40E-01	0.00E+00	3.26E-09	-9.32E-09	-1.45E-03	0.00E+00	-7.13E-02	0.00E+00	-1.40E-01	-1.56E-05	-1.40E-01	-2.32E-01	-7.13E-02	0.00E+00	0.00E+00	0.00E+00	-4.57E+01
MHN532	8.06E-04	6.04E-02	4.34E-03	5.61E-02	0.00E+00	0.00E+00	7.90E-01	-5.97E-05	9.11E-04	3.62E-04	0.00E+00	0.00E+00	9.79E-11	3.45E-09	4.68E-03	-2.28E-01	0.00E+00	0.00E+00	6.75E-01	0.00E+00	9.81E-01	0.00E+00	7.57E-09	3.12E-09	1.56E-04	0.00E+00	5.48E-02	0.00E+00	9.81E-01	-2.07E-06	9.81E-01	1.04E+00	5.48E-02	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MHN532A	-2.76E-03	1.09E-02	1.31E-03	1.39E-02	0.00E+00	0.00E+00	-8.81E-01	-4.11E-04	3.66E-04	-1.63E-03	0.00E+00	0.00E+00	-5.25E-10	-5.16E-08	-2.73E-03	-4.56E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-2.78E-01	0.00E+00	3.32E-09	-8.32E-09	-1.47E-03	0.00E+00	-6.53E-02	0.00E+00	-2.78E-01	-1.20E-05	-2.78E-01	-3.97E-01	-6.53E-02	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
MHN706	-2.39E-03	1.18E-02	8.77E-04	5.98E-03	0.00E+00	0.00E+00	-1.72E-01	-3.22E-04	1.25E-04	-1.06E-03	0.00E+00	0.00E+00	-8.37E-10	-3.50E-08	-1.04E-03	-8.69E-01	0.00E+00	0.00E+00	-5.32E-01	0.00E+00	7.91E-04	0.00E+00	3.39E-09	-7.89E-09	-6.12E-04	0.00E+00	-1.25E-01	0.00E+00	7.91E-04	-1.26E-05	7.91E-04	-2.66E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
MHN710	-2.64E-03	-3.96E-04	6.18E-04	-9.23E-03	0.00E+00	0.00E+00	-2.36E-01	-2.80E-04	1.30E-04	-1.38E-03	0.00E+00	0.00E+00	-7.57E-10	-3.10E-08	-2.33E-03	-5.49E-01	0.00E+00	0.00E+00	-5.90E-01	0.00E+00	-8.67E-02	0.00E+00	1.78E-09	-8.29E-09	-4.17E-04	0.00E+00	-1.28E-01	0.00E+00	-8.67E-02	-9.84E-06	-8.67E-02	-2.70E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
MHS506	-8.38E-04	1.45E-02	1.64E-03	2.36E-02	0.00E+00	0.00E+00	6.05E-02	-2.30E-04	2.44E-04	-6.10E-04	0.00E+00	0.00E+00	-3.77E-10	-1.65E-08	5.08E-04	-3.46E-01	0.00E+00	0.00E+00	-9.07E-02	0.00E+00	8.90E-02	0.00E+00	3.23E-09	-1.88E-09	-2.55E-04	0.00E+00	-3.82E-02	0.00E+00	8.90E-02	-5.07E-06	8.90E-02	-6.19E-03	-3.82E-02	0.00E+00	0.00E+00	0.00E+00	-3.22E+00
MHS510	-8.91E-04	1.77E-02	1.84E-03	2.72E-02	0.00E+00	0.00E+00	8.72E-02	-2.19E-04	2.80E-04	-6.02E-04	0.00E+00	0.00E+00	-3.49E-10	-1.37E-08	8.93E-04	-2.69E-01	0.00E+00	0.00E+00	-6.34E-02	0.00E+00	3.59E-02	0.00E+00	2.81E-09	-1.59E-09	-2.13E-04	0.00E+00	-3.13E-03	0.00E+00	3.59E-02	-4.65E-06	3.59E-02	1.05E-02	-3.13E-03	0.00E+00	0.00E+00	0.00E+00	-4.70E-01
MHS516	1.01E-03	1.63E-01	3.74E-03	1.59E-01	0.00E+00	0.00E+00	7.56E-01	1.36E-06	5.49E-04	1.41E-03	0.00E+00	0.00E+00	1.52E-10	5.97E-09	5.03E-03	1.91E-01	0.00E+00	0.00E+00	6.31E-01	0.00E+00	1.09E+00	0.00E+00	9.11E-09	4.74E-09	3.78E-04	0.00E+00	1.05E-01	0.00E+00	1.09E+00	1.94E-07	1.09E+00	1.20E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MHT706	-2.17E-03	-8.52E-03	4.72E-04	-3.89E-03	0.00E+00	0.00E+00	-2.82E-01	-1.97E-04	2.51E-05	-1.60E-03	0.00E+00	0.00E+00	-8.61E-10	-2.06E-08	-2.65E-03	-7.56E-01	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-1.67E-01	0.00E+00	1.28E-09	-6.99E-09	-4.82E-04	0.00E+00	-1.41E-01	0.00E+00	-1.67E-01	-6.49E-06	-1.67E-01	-4.54E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MHT710	-1.73E-03	-5.48E-03	5.81E-04	-8.58E-03	0.00E+00	0.00E+00	-3.07E-01	-1.91E-04	3.36E-05	-1.05E-03	0.00E+00	0.00E+00	-7.38E-10	-1.46E-08	-1.61E-03	-5.15E-01	0.00E+00	0.00E+00	-4.56E-01	0.00E+00	-2.17E-01	0.00E+00	1.01E-09	-6.15E-09	-3.84E-04	0.00E+00	-1.00E-01	0.00E+00	-2.17E-01	-4.30E-06	-2.17E-01	-3.98E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
MHT716	-2.08E-03	-5.48E-03	6.30E-04	-8.06E-03	0.00E+00	0.00E+00	-3.53E-01	-3.26E-04	4.18E-05	-1.40E-03	0.00E+00	0.00E+00	-8.24E-10	-1.63E-08	-1.56E-03	-5.66E-01	0.00E+00	0.00E+00	-4.93E-01	0.00E+00	-2.07E-01	0.00E+00	9.20E-10	-6.90E-09	-4.65E-04	0.00E+00	-1.07E-01	0.00E+00	-2.07E-01	-7.22E-06	-2.07E-01	-3.88E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
MHT720	-4.61E-03	-9.25E-03	5.74E-04	-2.55E-02	0.00E+00	0.00E+00	-1.16E+00	-5.45E-04	4.20E-07	-2.76E-03	0.00E+00	0.00E+00	-1.14E-09	-4.68E-08	-2.49E-03	-1.45E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-1.34E-01	0.00E+00	1.37E-09	-8.83E-09	-7.95E-04	0.00E+00	-1.99E-01	0.00E+00	-1.34E-01	-1.89E-05	-1.34E-01	-4.85E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
MHT725	-5.11E-03	-1.61E-02	3.64E-04	-3.30E-02	0.00E+00	0.00E+00	-1.25E+00	-6.45E-04	2.51E-05	-2.99E-03	0.00E+00	0.00E+00	-1.18E-09	-5.49E-08	-2.55E-03	-1.50E+00	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-1.88E-01	0.00E+00	1.46E-09	-9.88E-09	-8.55E-04	0.00E+00	-2.08E-01	0.00E+00	-1.88E-01	-1.93E-05	-1.88E-01	-5.28E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.17E+01

MHT732	-7.33E-03	-2.91E-02	-4.74E-06	-4.52E-02	0.00E+00	0.00E+00	-1.63E+00	-7.93E-04	-6.05E-05	-4.06E-03	0.00E+00	0.00E+00	-1.37E-09	-9.10E-08	-3.49E-03	-1.40E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-3.78E-01	0.00E+00	5.30E-10	-1.66E-08	-1.30E-03	0.00E+00	-2.20E-01	0.00E+00	-3.78E-01	-2.65E-05	-3.78E-01	-8.27E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-7.40E+01
MHT740	-1.67E-03	5.72E-03	1.81E-03	-1.33E-02	0.00E+00	0.00E+00	-1.07E+00	-2.89E-04	3.11E-04	-6.81E-04	0.00E+00	0.00E+00	-1.10E-09	-2.23E-08	-2.58E-03	-1.22E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-2.52E-01	0.00E+00	2.29E-09	-5.23E-09	-6.20E-04	0.00E+00	-1.80E-01	0.00E+00	-2.52E-01	-1.37E-05	-2.52E-01	-6.45E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MJ506J	-1.43E-03	5.49E-03	9.99E-04	1.51E-02	0.00E+00	0.00E+00	-2.00E-01	-2.31E-04	1.16E-04	-1.28E-03	0.00E+00	0.00E+00	-5.39E-10	-3.47E-08	-6.84E-04	-4.07E-01	0.00E+00	0.00E+00	-4.25E-01	0.00E+00	-1.55E-01	0.00E+00	2.52E-09	-4.67E-09	-4.61E-04	0.00E+00	-6.85E-02	0.00E+00	-1.55E-01	-1.02E-05	-1.55E-01	-2.37E-01	-6.85E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
MJ510J	-1.66E-03	1.01E-03	5.30E-04	1.97E-03	0.00E+00	0.00E+00	-3.23E-01	-2.93E-04	1.05E-04	-1.54E-03	0.00E+00	0.00E+00	-6.99E-10	-3.66E-08	-7.13E-04	-5.13E-01	0.00E+00	0.00E+00	-5.98E-01	0.00E+00	-2.21E-01	0.00E+00	9.62E-10	-7.43E-09	-5.24E-04	0.00E+00	-9.29E-02	0.00E+00	-2.21E-01	-1.11E-05	-2.21E-01	-3.18E-01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
MJ516J	-1.48E-03	4.00E-03	7.33E-04	8.88E-03	0.00E+00	0.00E+00	-3.64E-01	-2.89E-04	1.11E-04	-1.38E-03	0.00E+00	0.00E+00	-6.26E-10	-4.02E-08	-1.06E-03	-3.90E-01	0.00E+00	0.00E+00	-5.38E-01	0.00E+00	-1.82E-01	0.00E+00	1.54E-09	-6.73E-09	-5.00E-04	0.00E+00	-8.27E-02	0.00E+00	-1.82E-01	-1.13E-05	-1.82E-01	-2.80E-01	-8.27E-02	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MJ520J	-3.65E-03	8.16E-03	1.19E-03	5.39E-03	0.00E+00	0.00E+00	-4.99E-01	-2.72E-04	1.93E-04	-1.80E-03	0.00E+00	0.00E+00	-8.87E-10	-2.53E-08	-6.34E-04	-8.74E-01	0.00E+00	0.00E+00	-6.47E-01	0.00E+00	-5.76E-02	0.00E+00	3.64E-09	-8.45E-09	-8.53E-04	0.00E+00	-1.15E-01	0.00E+00	-5.76E-02	-1.37E-05	-5.76E-02	-1.85E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
MJ525J	-4.37E-03	1.08E-02	1.23E-03	1.12E-02	0.00E+00	0.00E+00	-1.02E+00	-4.84E-04	2.19E-04	-1.89E-03	0.00E+00	0.00E+00	-7.36E-10	-1.13E-07	-1.01E-03	-5.84E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-1.64E-01	0.00E+00	3.21E-09	-1.13E-08	-1.52E-03	0.00E+00	-7.33E-02	0.00E+00	-1.64E-01	-1.84E-05	-1.64E-01	-2.95E-01	-7.33E-02	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
MJ532J	-2.98E-03	2.69E-03	1.46E-03	-1.44E-02	0.00E+00	0.00E+00	-9.21E-01	-3.64E-04	3.60E-04	-1.77E-03	0.00E+00	0.00E+00	-9.04E-10	-4.09E-08	-3.31E-03	-9.62E-01	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-3.09E-01	0.00E+00	3.24E-09	-1.14E-08	-1.46E-03	0.00E+00	-1.40E-01	0.00E+00	-3.09E-01	-1.19E-05	-3.09E-01	-5.89E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.60E+01
MJ540J	-7.12E-03	9.44E-03	1.15E-03	9.62E-03	0.00E+00	0.00E+00	-1.48E+00	-6.86E-04	2.31E-04	-3.70E-03	0.00E+00	0.00E+00	-6.43E-10	-1.26E-07	-3.00E-03	-7.46E-01	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-3.54E-01	0.00E+00	3.65E-09	-1.42E-08	-1.62E-03	0.00E+00	-1.53E-01	0.00E+00	-3.54E-01	-1.39E-05	-3.54E-01	-5.71E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MJ706P	-3.21E-03	-8.19E-03	2.66E-04	-1.09E-02	0.00E+00	0.00E+00	-7.55E-01	-2.52E-04	2.41E-05	-1.99E-03	0.00E+00	0.00E+00	-9.12E-10	-3.61E-08	-1.44E-03	-8.18E-01	0.00E+00	0.00E+00	-8.08E-01	0.00E+00	-1.02E-01	0.00E+00	1.39E-09	-7.32E-09	-7.26E-04	0.00E+00	-1.24E-01	0.00E+00	-1.02E-01	-8.47E-06	-1.02E-01	-4.15E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
MJ710P	-2.81E-03	-9.41E-03	3.12E-04	-1.40E-02	0.00E+00	0.00E+00	-8.27E-01	-2.67E-04	4.30E-05	-1.91E-03	0.00E+00	0.00E+00	-6.71E-10	-2.94E-08	-1.26E-03	-8.16E-01	0.00E+00	0.00E+00	-8.01E-01	0.00E+00	-1.55E-01	0.00E+00	1.17E-09	-7.16E-09	-6.86E-04	0.00E+00	-1.20E-01	0.00E+00	-1.55E-01	-7.61E-06	-1.55E-01	-4.51E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.37E+01
MJ716P	-3.66E-03	-1.19E-02	1.32E-04	-1.74E-02	0.00E+00	0.00E+00	-1.22E+00	-5.28E-04	3.51E-05	-2.20E-03	0.00E+00	0.00E+00	-8.90E-10	-4.42E-08	-2.89E-03	-8.02E-01	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-2.89E-01	0.00E+00	1.07E-09	-1.00E-08	-1.05E-03	0.00E+00	-1.26E-01	0.00E+00	-2.89E-01	-1.43E-05	-2.89E-01	-5.86E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-6.01E+01
MJ720P	-4.33E-03	-1.08E-02	1.32E-04	-1.71E-02	0.00E+00	0.00E+00	-1.36E+00	-6.07E-04	1.81E-05	-2.67E-03	0.00E+00	0.00E+00	-1.31E-09	-4.35E-08	-3.02E-03	-8.44E-01	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-3.08E-01	0.00E+00	1.06E-09	-1.09E-08	-1.26E-03	0.00E+00	-1.45E-01	0.00E+00	-3.08E-01	-1.70E-05	-3.08E-01	-6.41E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MJ725P	-5.07E-03	-1.59E-02	3.08E-04	-2.24E-02	0.00E+00	0.00E+00	-1.41E+00	-7.37E-04	6.67E-05	-3.08E-03	0.00E+00	0.00E+00	-1.38E-09	-6.49E-08	-3.13E-03	-1.00E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-4.31E-01	0.00E+00	1.06E-09	-1.39E-08	-1.48E-03	0.00E+00	-1.73E-01	0.00E+00	-4.31E-01	-1.68E-05	-4.31E-01	-7.69E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.06E+01
MJ732P	-5.57E-03	-1.67E-02	2.78E-04	-2.88E-02	0.00E+00	0.00E+00	-1.52E+00	-7.87E-04	7.94E-05	-3.37E-03	0.00E+00	0.00E+00	-1.43E-09	-8.34E-08	-3.13E-03	-1.13E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-4.82E-01	0.00E+00	7.41E-10	-1.56E-08	-1.52E-03	0.00E+00	-2.25E-01	0.00E+00	-4.82E-01	-1.89E-05	-4.82E-01	-8.34E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-7.85E+01
MJ740P	-5.89E-03	-2.87E-03	7.70E-04	-1.78E-02	0.00E+00	0.00E+00	-1.51E+00	-7.95E-04	3.59E-05	-3.29E-03	0.00E+00	0.00E+00	-1.40E-09	-8.26E-08	-3.33E-03	-1.04E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-4.48E-01	0.00E+00	1.55E-09	-1.38E-08	-1.39E-03	0.00E+00	-2.08E-01	0.00E+00	-4.48E-01	-1.69E-05	-4.48E-01	-8.16E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MJN502	-4.19E-03	-4.08E-02	1.78E-03	-4.16E-03	0.00E+00	0.00E+00	-2.94E-01	-3.87E-04	1.77E-04	-2.36E-03	0.00E+00	0.00E+00	-1.04E-09	-5.41E-08	-3.09E-03	-8.89E-01	0.00E+00	0.00E+00	-6.27E-01	0.00E+00	-2.39E-01	0.00E+00	1.31E-09	-8.64E-09	-8.65E-04	0.00E+00	-1.44E-01	0.00E+00	-2.39E-01	-9.53E-06	-2.39E-01	-1.44E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
MJN502A	-2.02E-03	7.55E-03	1.01E-03	1.67E-02	0.00E+00	0.00E+00	-2.21E-01	-2.18E-04	1.19E-04	-1.07E-03	0.00E+00	0.00E+00	-6.78E-10	-3.18E-08	-5.54E-04	-3.62E-01	0.00E+00	0.00E+00	-4.75E-01	0.00E+00	-1.05E-01	0.00E+00	2.61E-09	-5.90E-09	-3.94E-04	0.00E+00	-6.86E-02	0.00E+00	-1.05E-01	-7.93E-06	-1.05E-01	-1.91E-01	-6.86E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
MJN504	-8.52E-04	1.26E-02	1.52E-03	1.91E-02	0.00E+00	0.00E+00	-1.13E-02	-2.36E-04	1.75E-04	-1.17E-03	0.00E+00	0.00E+00	-4.93E-10	-2.31E-08	1.90E-04	-4.17E-01	0.00E+00	0.00E+00	-2.22E-01	0.00E+00	2.51E-02	0.00E+00	2.69E-09	-4.48E-09	-3.39E-04	0.00E+00	-6.98E-02	0.00E+00	2.51E-02	-5.70E-06	2.51E-02	-3.33E-02	-6.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
MJN504A	-2.11E-03	7.98E-03	1.07E-03	1.86E-02	0.00E+00	0.00E+00	-2.18E-01	-2.25E-04	1.20E-04	-1.15E-03	0.00E+00	0.00E+00	-6.88E-10	-3.46E-08	-1.03E-04	-3.79E-01	0.00E+00	0.00E+00	-4.54E-01	0.00E+00	-9.26E-02	0.00E+00	2.97E-09	-5.69E-09	-4.24E-04	0.00E+00	-6.84E-02	0.00E+00	-9.26E-02	-8.95E-06	-9.26E-02	-1.71E-01	-6.84E-02	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
MJN506	-7.57E-04	8.98E-03	1.36E-03	1.20E-02	0.00E+00	0.00E+00	-1.32E-02	-2.32E-04	1.68E-04	-9.87E-04	0.00E+00	0.00E+00	-4.09E-10	-1.75E-08	2.15E-04	-4.02E-01	0.00E+00	0.00E+00	-1.92E-01	0.00E+00	-9.46E-03	0.00E+00	2.29E-09	-3.96E-09	-3.28E-04	0.00E+00	-6.42E-02	0.00E+00	-9.46E-03	-4.42E-06	-9.46E-03	-8.21E-02	-6.42E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
MJN506A	-6.17E-03	-1.31E-01	-2.12E-03	-1.29E-01	0.00E+00	0.00E+00	-1.66E+00	-6.00E-04	-3.03E-04	-4.11E-03	0.00E+00	0.00E+00	-1.48E-09	-6.94E-08	-2.14E-03	-9.05E-01	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-1.31E+00	0.00E+00	-6.06E-09	-1.77E-08	-1.33E-03	0.00E+00	-2.15E-01	0.00E+00	-1.31E+00	-1.80E-05	-1.31E+00	-1.52E+00	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MJN510	-4.40E-04	-8.55E-02	-2.74E-04	-8.53E-02	0.00E+00	0.00E+00	-1.89E-01	-6.13E-05	2.10E-04	-9.87E-04	0.00E+00	0.00E+00	-7.71E-10	-3.72E-09	-7.17E-03	-5.90E-01	0.00E+00	0.00E+00	-6.25E-01	0.00E+00	-7.99E-01	0.00E+00	-2.60E-09	-7.24E-09	-4.15E-04	0.00E+00	-1.60E-01	0.00E+00	-7.99E-01	-2.79E-06	-7.99E-01	-9.58E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
MJN510A	-5.08E-03	1.46E-02	-6.90E-04	1.53E-02	0.00E+00	0.00E+00	-1.21E+00	-5.16E-04	-1.96E-04	-2.53E-03	0.00E+00	0.00E+00	-1.20E-09	-5.96E-08	2.23E-04	-5.02E-01	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-6.05E-01	0.00E+00	-7.29E-10	-1.26E-08	-8.90E-04	0.00E+00	-1.24E-01	0.00E+00	-6.05E-01	-1.57E-05	-6.05E-01	-7.29E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MJN513A	-1.55E-03	4.86E-03	6.78E-04	1.48E-02	0.00E+00	0.00E+00	-2.95E-01	-3.09E-04	1.16E-04	-1.45E-03	0.00E+00	0.00E+00	-6.52E-10	-3.81E-08	-1.15E-04	-3.95E-01	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-1.12E-01	0.00E+00	2.15E-09	-6.34E-09	-5.29E-04	0.00E+00	-8.11E-02	0.00E+00	-1.12E-01	-1.14E-05	-1.12E-01	-1.86E-01	-8.11E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MJN516	6.67E-04	4.54E-02	2.99E-03	4.24E-02	0.00E+00	0.00E+00	7.38E-01	1.43E-06	3.83E-04	5.02E-04	0.00E+00	0.00E+00	1.36E-10	4.96E-09	3.95E-03	-2.93E-01	0.00E+00	0.00E+00	5.77E-01	0.00E+00	8.04E-01	0.00E+00	6.00E-09	2.88E-09	1.64E-04	0.00E+00	2.71E-02	0.00E+00	8.04E-01	1.61E-07	8.04E-01	8.31E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	2.12E+01
MJN516A	-4.77E-03	-7.54E-03	9.81E-04	-8.52E-03	0.00E+00	0.00E+00	-6.00E-01	-4.92E-04	-1.64E-04	-2.46E-03	0.00E+00	0.00E+00	-5.04E-10	-5.61E-08	-4.39E-03	-6.76E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	1.61E-01	0.00E+00	2.66E-09	-7.66E-09	-6.99E-04	0.00E+00	-1.18E-01	0.00E+00	1.61E-01	-1.41E-05	1.61E-01	4.25E-02	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
MJN520	1.10E-03	4.01E-02	3.60E-03	3.65E-02	0.00E+00	0.00E+00	8.44E-01	1.42E-06	7.59E-04	4.79E-04	0.00E+00	0.00E+00	6.13E-11	8.78E-09	-2.45E-03	-2.14E-01	0.00E+00	0.00E+00	4.48E-01	0.00E+00	7.70E-01	0.00E+00	6.75E-09	2.74E-09	1.78E-04	0.00E+00	-2.05E-03	0.00E+00	7.70E-01	-2.34E-08	7.70E-01	7.68E-01	-2.05E-03	0.00E+00	0.00E+00	0.00E+00	1.59E+01
MJN520A	8.98E-05	-2.80E-02	1.78E-03	-2.98E-02	0.00E+00	0.00E+00	1.81E-01	-7.79E-05	6.33E-04	-5.48E-04	0.00E+00	0.00E+00	-5.52E-10	-1.27E-09	1.64E-03	-2.97E-01	0.00E+00	0.00E+00	-1.32E-01	0.00E+00	-8.63E-02	0.00E+00	1.48E-09	-3.46E-09	-2.22E-04	0.00E+00	-3.34E-02	0.00E+00	-8.63E-02	-3.25E-06	-8.63E-02	-1.20E-01	-3.34E-02	0.00E+00	0.00E+00	0.00E+00	-7.71E+00
MJN525	3.87E-04	6.07E-02	2.57E-03	5.81E-02	0.00E+00	0.00E+00	1.83E-01	-8.09E-05	8.22E-04	1.29E-04	0.00E+00	0.00E+00	-5.15E-10	-9.37E-11	-4.32E-03	-7.48E-02	0.00E+00	0.00E+00	-8.15E-02	0.00E+00	9.84E-03	0.00E+00	3.74E-09	-2.79E-09	-8.14E-05	0.00E+00	-2.42E-02	0.00E+00	9.84E-03	-3.23E-06	9.84E-03	-1.44E-02	-2.42E-02	0.00E+00	0.00E+00	0.00E+00	-5.04E+00
MJN525A	1.36E-03	6.05E-02	4.49E-03	5.60E-02	0.00E+00	0.00E+00	9.80E-01	1.86E-06	9.09E-04	6.69E-04	0.00E+00	0.00E+00	1.84E-10	1.05E-08	-1.75E-03	-7.05E-02	0.00E+00	0.00E+00	7.19E-01	0.00E+00	9.68E-01	0.00E+00	8.02E-09	3.91E-09	2.41E-04	0.00E+00	4.57E-02	0.00E+00	9.68E-01	1.63E-07	9.68E-01	1.01E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MJN532	1.28E-03	3.21E-02	3.69E-03	2.84E-02	0.00E+00	0.00E+00	7.72E-01	-3.56E-06	9.51E-04	3.85E-04	0.00E+00	0.00E+00	-6.78E-11	1.02E-08	-2.78E-03	-6.28E-02	0.00E+00	0.00E+00	3.72E-01	0.00E+00	6.21E-01	0.00E+00	6.21E-09	1.85E-09	1.32E-04	0.00E+00	1.30E-02	0.00E+00	6.21E-01	-3.08E-07	6.21E-01	6.34E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
MJN532A	5.70E-04	8.77E-02	3.10E-03	8.46E-02	0.00E+00	0.00E+00	3.65E-01	-7.60E-05	9.10E-04	3.85E-04	0.00E+00	0.00E+00	-4.70E-10	1.23E-09	-3.37E-03	6.33E-02	0.00E+00	0.00E+00	-4.45E-02	0.00E+00	2.73E-01	0.00E+00	5.56E-09	-1.33E-09	1.70E-05	0.00E+00	2.08E-03	0.00E+00	2.73E-01	-3.12E-06	2.73E-01	2.75E-01	2.08E-03	0.00E+00	0.00E+00	0.00E+00	-4.46E+00
MJN540A	-7.01E-03	2.64E-03	9.09E-04	-2.01E-02	0.00E+00	0.00E+00	-1.42E+00	-6.50E-04	2.38E-04	-3.63E-03	0.00E+00	0.00E+00	-9.31E-10	-1.20E-07	-3.89E-03	-1.10E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	-3.54E-01	0.00E+00	3.45E-09	-1.55E-08	-1.57E-03	0.00E+00	-1.82E-01	0.00E+00	-3.54E-01	-1.35E-05	-3.54E-01	-5.95E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
MJN702	-2.35E-03	1.52E-02	1.38E-03	1.13E-02	0.00E+00	0.00E+00	-1.32E-01	-2.85E-04	1.30E-04	-9.44E-04	0.00E+00	0.00E+00	-8.02E-10	-3.44E-08	-9.07E-04	-1.10E+00	0.00E+00	0.00E+00	-4.65E-01	0.00E+00	6.51E-02	0.00E+00	3.80E-09	-6.45E-09	-4.67E-04	0.00E+00	-1.58E-01	0.00E+00	6.51E-02	-1.09E-05	6.51E-02	-1.78E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
MJN706	-2.46E-03	1.18E-02	8.23E-04	4.46E-03	0.00E+00	0.00E+00	-1.75E-01	-3.04E-04	1.25E-04	-8.29E-04	0.00E+00	0.00E+00	-8.50E-10	-2.86E-08	-1.02E-03	-7.92E-01	0.00E+00	0.00E+00	-4.98E-01	0.00E+00	-2.04E-02	0.00E+00	3.33E-09	-7.36E-09	-5.05E-04	0.00E+00	-1.18E-01	0.00E+00	-2.04E-02	-1.07E-05	-2.04E-02	-2.72E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
MJN706P	-3.53E-03	-7.94E-03	3.12E-04	-9.57E-03	0.00E+00	0.00E+00	-8.93E-01	-3.08E-04	-9.99E-06	-2.38E-03	0.00E+00	0.00E+00	-1.07E-09	-4.70E-08	-1.28E-03	-1.62E+00	0.00E+00	0.00E+00	-9.98E-01	0.00E+00	-7.51E-02	0.00E+00	1.66E-09	-9.88E-09	-8.24E-04	0.00E+00	-1.76E-01	0.00E+00	-7.51E-02	-1.19E-05	-7.51E-02	-4.39E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.12E+01
MJN710	-2.58E-03	-5.30E-03	6.86E-04	-1.30E-02	0.00E+00	0.00E+00	-2.58E-01	-2.85E-04	1.30E-04	-1.45E-03	0.00E+00	0.00E+00	-9.13E-10	-3.81E-08	-3.10E-03	-8.55E-01	0.00E+00	0.00E+00	-5.90E-01	0.00E+00	-2.58E-02	0.00E+00	2.07E-09	-8.41E-09	-4.53E-04	0.00E+00	-1.46E-01	0.00E+00	-2.58E-02	-8.79E-06	-2.58E-02	-2.68E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
MJN710P	-3.60E-03	-9.17E-03	2.47E-04	-1.52E-02	0.00E+00	0.00E+00	-1.06E+00	-3.60E-04	-3.03E-05	-2.49E-03	0.00E+00	0.00E+00	-1.11E-09	-4.87E-08	-1.42E-03	-1.74E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.07E-01	0.00E+00	1.43E-09	-1.04E-08	-8.51E-04	0.00E+00	-1.76E-01	0.00E+00	-1.07E-01	-1.20E-05	-1.07E-01	-4.52E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MJN716	-2.88E-03	-1.47E-03	5.63E-04	-1.01E-02	0.00E+00	0.00E+00	-3.43E-01	-4.11E-04	1.32E-04	-1.32E-03	0.00E+00	0.00E+00	-8.49E-10	-4.50E-08	-3.72E-03	-5.63E-01	0.00E+00	0.00E+00	-8.83E-01	0.00E+00	-1.53E-01	0.00E+00	1.57E-09	-9.62E-09	-6.41E-04	0.00E+00	-1.33E-01	0.00E+00	-1.53E-01	-1.12E-05	-1.53E-01	-3.81E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MJN716P	-4.60E-03	-1.13E-02	1.30E-04	-1.47E-02	0.00E+00	0.00E+00	-1.37E+00	-6.22E-04	-4.50E-05	-3.04E-03	0.00E+00	0.00E+00	-1.34E-09	-6.11E-08	-2.85E-03	-1.73E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-2.49E-01	0.00E+00	1.37E-09	-1.25E-08	-1.34E-03	0.00E+00	-1.75E-01	0.00E+00	-2.49E-01	-1.77E-05	-2.49E-01	-5.87E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
MJN720	-2.97E-03	2.25E-02	1.32E-03	1.56E-02	0.00E+00	0.00E+00	-4.62E-01	-4.29E-04	2.10E-04	-1.25E-03	0.00E+00	0.00E+00	-7.96E-10	-4.42E-08	-2.29E-03	-4.21E-01	0.00E+00	0.00E+00	-9.34E-01	0.00E+00	-9.62E-02	0.00E+00	3.86E-09	-7.73E-09	-7.62E-04	0.00E+00	-7.69E-02	0.00E+00	-9.62E-02	-1.51E-05	-9.62E-02	-3.35E-01	-7.69E-02	0.00E+00	0.00E+00	0.00E+00	-4.72E+01
MJN720P	-4.36E-03	-1.15E-02	1.48E-04	-1.58E-02	0.00E+00	0.00E+00	-1.39E+00	-6.38E-04	-4.50E-05	-2.90E-03	0.00E+00	0.00E+00	-1.31E-09	-5.41E-08	-3.02E-03	-1.75E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-2.49E-01	0.00E+00	1.27E-09	-1.24E-08	-1.31E-03	0.00E+00	-1.81E-01	0.00E+00	-2.49E-01	-1.71E-05	-2.49E-01	-5.91E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-6.52E+01
MJN725	-3.23E-03	1.03E-02	1.09E-03	-4.66E-03	0.00E+00	0.00E+00	-6.69E-01	-5.34E-04	3.45E-04	-1.73E-03	0.00E+00	0.00E+00	-9.02E-10	-6.42E-08	-2.82E-03	-1.11E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-2.36E-01	0.00E+00	3.21E-09	-9.54E-09	-8.56E-04	0.00E+00	-1.54E-01	0.00E+00	-2.36E-01	-1.73E-05	-2.36E-01	-4.43E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
MJN725P	-5.06E-03	-1.74E-02	3.54E-04	-2.53E-02	0.00E+00	0.00E+00	-1.37E+00	-6.86E-04	4.21E-05	-3.56E-03	0.00E+00	0.00E+00	-1.38E-09	-6.59E-08	-3.01E-03	-1.68E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	-4.23E-01	0.00E+00	9.68E-10	-1.52E-08	-1.49E-03	0.00E+00	-2.04E-01	0.00E+00	-4.23E-01	-1.61E-05	-4.23E-01	-7.51E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01
MJN732	-4.62E-03	1.01E-02	1.15E-03	-4.48E-03	0.00E+00	0.00E+00	-8.19E-01	-6.55E-04	3.05E-04	-2.42E-03	0.00E+00	0.00E+00	-1.03E-09	-7.99E-08	-3.19E-03	-1.12E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-2.50E-01	0.00E+00	3.40E-09	-1.17E-08	-1.01E-03	0.00E+00	-1.81E-01	0.00E+00	-2.50E-01	-1.84E-05	-2.50E-01	-5.76E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-5.78E+01
MJN732P	-6.18E-03	-1.66E-02	1.42E-04	-2.64E-02	0.00E+00	0.00E+00	-1.53E+00	-7.89E-04	6.14E-06	-3.90E-03	0.00E+00	0.00E+00	-1.47E-09	-8.66E-08	-2.92E-03	-1.79E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-4.56E-01	0.00E+00	1.04E-09	-1.63E-08	-1.55E-03	0.00E+00	-2.37E-01	0.00E+00	-4.56E-01	-1.83E-05	-4.56E-01	-8.03E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MJN740	-5.28E-03	2.28E-02	1.05E-03	1.41E-02	0.00E+00	0.00E+00	-8.50E-01	-6.37E-04	2.74E-04	-2.67E-03	0.00E+00	0.00E+00	-9.32E-10	-8.86E-08	-3.36E-03	-1.08E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.41E-01	0.00E+00	3.56E-09	-1.15E-08	-9.02E-04	0.00E+00	-1.80E-01	0.00E+00	-2.41E-01	-1.71E-05	-2.41E-01	-6.30E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
MJN740P	-5.82E-03	-4.57E-03	5.81E-04	-1.72E-02	0.00E+00	0.00E+00	-1.47E+00	-7.82E-04	3.98E-06	-3.81E-03	0.00E+00	0.00E+00	-1.42E-09	-8.36E-08	-3.18E-03	-1.65E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-4.44E-01	0.00E+00	1.66E-09	-1.44E-08	-1.44E-03	0.00E+00	-2.31E-01	0.00E+00	-4.44E-01	-1.72E-05	-4.44E-01	-8.12E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
MJS502	-7.65E-04	1.97E-02	1.64E-03	3.28E-02	0.00E+00	0.00E+00	6.38E-02	-2.24E-04	2.52E-04	-7.26E-04	0.00E+00	0.00E+00	-3.82E-10	-1.20E-08	1.85E-04	-3.42E-01	0.00E+00	0.00E+00	-1.16E-01	0.00E+00	1.17E-01	0.00E+00	3.16E-09	-2.47E-09	-2.47E-04	0.00E+00	-4.02E-02	0.00E+00	1.17E-01	-4.90E-06	1.17E-01	5.67E-02	-4.02E-02	0.00E+00	0.00E+00	0.00E+00	-4.55E+00
MJS504	-9.21E-04	1.90E-02	1.74E-03	3.24E-02	0.00E+00	0.00E+00	6.88E-02	-2.11E-04	2.51E-04	-6.64E-04	0.00E+00	0.00E+00	-3.97E-10	-1.55E-08	4.06E-04	-3.70E-01	0.00E+00	0.00E+00	-1.21E-01	0.00E+00	9.92E-02	0.00E+00	3.50E-09	-2.32E-09	-2.49E-04	0.00E+00	-3.78E-02	0.00E+00	9.92E-02	-4.65E-06	9.92E-02	7.48E-02	-3.78E-02	0.00E+00	0.00E+00	0.00E+00	-4.20E+00
MJS506	-8.89E-04	1.11E-02	1.60E-03	2.11E-02	0.00E+00	0.00E+00	3.29E-02	-2.21E-04	2.36E-04	-5.60E-04	0.00E+00	0.00E+00	-3.80E-10	-1.94E-08	1.51E-04	-3.41E-01	0.00E+00	0.00E+00	-8.42E-02	0.00E+00	8.41E-02	0.00E+00	3.22E-09	-2.26E-09	-2.68E-04	0.00E+00	-3.96E-02	0.00E+00	8.41E-02	-5.11E-06	8.41E-02	-3.09E-02	-3.96E-02	0.00E+00	0.00E+00	0.00E+00	-2.98E+00
MJS510	-1.07E-03	1.02E-03	1.81E-03	1.87E-02	0.00E+00	0.00E+00	3.25E-03	-2.39E-04	2.68E-04	-6.76E-04	0.00E+00	0.00E+00	-3.91E-10	-1.64E-08	6.28E-04	-2.98E-01	0.00E+00	0.00E+00	-1.35E-01	0.00E+00	4.20E-02	0.00E+00	2.57E-09	-2.63E-09	-2.42E-04	0.00E+00	-8.05E-03	0.00E+00	4.20E-02	-5.24E-06	4.20E-02	-1.49E-02	-8.05E-03	0.00E+00	0.00E+00	0.00E+00	-3.52E+00
MJS516	-1.52E-04	6.24E-02	1.47E-03	6.09E-02	0.00E+00	0.00E+00	3.25E-02	-7.85E-05	3.98E-04	1.11E-04	0.00E+00	0.00E+00	-4.78E-10	-4.40E-09	-4.85E-03	-5.93E-04	0.00E+00	0.00E+00	-2.16E-01	0.00E+00	-6.36E-02	0.00E+00	2.87E-09	-3.00E-09	-9.65E-05	0.00E+00	-2.90E-02	0.00E+00	-6.36E-02	-3.07E-06	-6.36E-02	-9.25E-02	-2.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
MJT702	-3.70E-03	9.73E-02	1.69E-03	9.56E-02	0.00E+00	0.00E+00	-3.87E-01	-4.03E-04	-8.19E-05	-1.15E-03	0.00E+00	0.00E+00	-4.86E-10	-4.57E-08	-1.96E-03	-1.02E+00	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	3.97E-01	0.00E+00	5.52E-09	-5.66E-09	-4.12E-04	0.00E+00	-1.50E-01	0.00E+00	3.97E-01	-1.16E-05	3.97E-01	2.47E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
MJT706	-1.79E-06	4.35E-02	7.51E-04	4.27E-02	0.00E+00	0.00E+00	1.27E-02	-3.42E-05	2.17E-04	1.76E-04	0.00E+00	0.00E+00	-6.97E-10	-1.05E-09	-3.97E-03	-3.71E-01	0.00E+00	0.00E+00	-4.17E-01	0.00E+00	-3.14E-01	0.00E+00	1.73E-09	-4.55E-09	-1.41E-04	0.00E+00	-9.83E-02	0.00E+00	-3.14E-01	-1.69E-06	-3.14E-01	-4.13E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
MJT710	-1.01E-04	-8.17E-02	-2.02E-05	-8.17E-02	0.00E+00	0.00E+00	-1.16E-01	-2.91E-05	1.80E-04	-7.85E-04	0.00E+00	0.00E+00	-7.70E-10	-9.34E-11	-2.51E-04	-5.32E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-6.93E-01	0.00E+00	-2.28E-09	-6.60E-09	-3.84E-04	0.00E+00	-1.01E-01	0.00E+00	-6.93E-01	-1.54E-06	-6.93E-01	-7.94E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
MJT716	5.15E-04	2.83E-02	2.48E-03	2.58E-02	0.00E+00	0.00E+00	6.40E-01	-3.74E-06	3.33E-04	3.32E-04	0.00E+00	0.00E+00	-8.18E-11	3.91E-09	3.54E-03	-5.32E-01	0.00E+00	0.00E+00	3.19E-01	0.00E+00	5.92E-01	0.00E+00	5.18E-09	1.12E-09	7.79E-05	0.00E+00	-2.97E-02	0.00E+00	5.92E-01	-2.39E-07	5.92E-01	5.62E-01	-2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MJT720	6.96E-04	-3.54E-02	2.03E-03	-3.75E-02	0.00E+00	0.00E+00	3.14E-01	-1.94E-05	6.80E-04	-2.85E-04	0.00E+00	0.00E+00	-4.65E-10	6.03E-09	-3.72E-03	-5.54E-01	0.00E+00	0.00E+00	-7.96E-03	0.00E+00	-1.50E-01	0.00E+00	1.56E-09	-3.13E-09	-1.61E-04	0.00E+00	-8.98E-02	0.00E+00	-1.50E-01	-1.03E-06	-1.50E-01	-2.40E-01	-8.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+00
MJT725	-1.11E-02	-8.22E-02	-1.24E-03	-8.10E-02	0.00E+00	0.00E+00	-2.35E+00	-1.11E-03	-4.83E-04	-6.19E-03	0.00E+00	0.00E+00	-1.50E-09	-1.29E-07	-2.13E-04	-1.64E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-6.37E-01	0.00E+00	-2.21E-09	-2.11E-08	-1.79E-03	0.00E+00	-2.97E-01	0.00E+00	-6.37E-01	-3.25E-05	-6.37E-01	-9.33E-01	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
MJT732	-1.24E-02	-1.42E-01	-2.70E-03	-1.39E-01	0.00E+00	0.00E+00	-3.01E+00	-1.22E-03	-5.75E-04	-7.31E-03	0.00E+00	0.00E+00	-2.02E-09	-1.42E-07	-7.73E-03	-1.44E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-1.47E+00	0.00E+00	-6.31E-09	-2.74E-08	-2.21E-03	0.00E+00	-3.42E-01	0.00E+00	-1.47E+00	-3.60E-05	-1.47E+00	-1.81E+00	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MJT740	1.48E-03	1.85E-01	4.98E-03	1.80E-01	0.00E+00	0.00E+00	1.03E+00	1.71E-06	9.04E-04	1.63E-03	0.00E+00	0.00E+00	1.12E-10	9.73E-09	1.02E-03	3.13E-01	0.00E+00	0.00E+00	6.53E-01	0.00E+00	1.32E+00	0.00E+00	1.18E-08	5.56E-09	4.52E-04	0.00E+00	1.08E-01	0.00E+00	1.32E+00	9.76E-08	1.32E+00	1.43E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MKN506	-1.88E-03	9.33E-03	1.22E-03	1.32E-02	0.00E+00	0.00E+00	-6.13E-03	-1.93E-04	1.61E-04	-1.15E-03	0.00E+00	0.00E+00	-6.22E-10	-2.34E-08	2.68E-05	-4.04E-01	0.00E+00	0.00E+00	-2.14E-01	0.00E+00	-2.93E-02	0.00E+00	2.28E-09	-5.72E-09	-3.54E-04	0.00E+00	-7.06E-02	0.00E+00	-2.93E-02	-6.86E-06	-2.93E-02	-7.04E-02	-7.06E-02	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
MKN506A	7.23E-04	5.05E-02	3.38E-03	4.71E-02	0.00E+00	0.00E+00	8.64E-01	1.67E-06	4.37E-04	5.49E-04	0.00E+00	0.00E+00	1.42E-10	5.65E-09	-2.15E-03	-1.56E-01	0.00E+00	0.00E+00	5.38E-01	0.00E+00	8.35E-01	0.00E+00	6.97E-09	2.86E-09	1.77E-04	0.00E+00	1.62E-02	0.00E+00	8.35E-01	1.75E-07	8.35E-01	8.51E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MKN510	-1.83E-03	5.43E-03	1.27E-03	9.05E-03	0.00E+00	0.00E+00	-1.39E-02	-3.55E-04	1.61E-04	-1.62E-03	0.00E+00	0.00E+00	-5.96E-10	-2.82E-08	8.97E-04	-4.42E-01	0.00E+00	0.00E+00	-2.67E-01	0.00E+00	-3.49E-02	0.00E+00	1.15E-09	-6.19E-09	-4.09E-04	0.00E+00	-7.93E-02	0.00E+00	-3.49E-02	-7.89E-06	-3.49E-02	-6.39E-02	-7.93E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
MKN510A	-2.03E-03	2.43E-03	6.21E-04	6.63E-03	0.00E+00	0.00E+00	-2.63E-01	-2.58E-04	1.13E-04	-1.21E-03	0.00E+00	0.00E+00	-7.86E-10	-3.32E-08	-3.23E-04	-4.20E-01	0.00E+00	0.00E+00	-5.64E-01	0.00E+00	-1.92E-01	0.00E+00	1.38E-09	-7.31E-09	-4.84E-04	0.00E+00	-8.94E-02	0.00E+00	-1.92E-01	-9.75E-06	-1.92E-01	-2.66E-01	-8.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
MKN513	-2.14E-03	7.32E-03	1.37E-03	1.40E-02	0.00E+00	0.00E+00	-4.01E-02	-3.34E-04	1.74E-04	-1.61E-03	0.00E+00	0.00E+00	-6.05E-10	-4.33E-08	6.07E-04	-3.93E-01	0.00E+00	0.00E+00	-2.57E-01	0.00E+00	-2.25E-02	0.00E+00	1.85E-09	-7.24E-09	-4.98E-04	0.00E+00	-7.24E-02	0.00E+00	-2.25E-02	-9.19E-06	-2.25E-02	-2.97E-02	-7.24E-02	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
MKN513A	-2.23E-03	6.02E-03	7.29E-04	1.46E-02	0.00E+00	0.00E+00	-2.65E-01	-3.32E-04	1.16E-04	-1.20E-03	0.00E+00	0.00E+00	-6.94E-10	-2.31E-08	-1.35E-04	-3.24E-01	0.00E+00	0.00E+00	-4.79E-01	0.00E+00	-1.21E-01	0.00E+00	2.23E-09	-6.36E-09	-4.78E-04	0.00E+00	-7.36E-02	0.00E+00	-1.21E-01	-1.06E-05	-1.21E-01	-1.67E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MKN516	-5.76E-03	-1.25E-01	-1.92E-03	-1.23E-01	0.00E+00	0.00E+00	-1.54E+00	-5.58E-04	-3.05E-04	-3.84E-03	0.00E+00	0.00E+00	-1.40E-09	-6.46E-08	-1.99E-03	-1.05E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.26E+00	0.00E+00	-5.83E-09	-1.70E-08	-1.26E-03	0.00E+00	-2.27E-01	0.00E+00	-1.26E+00	-1.70E-05	-1.26E+00	-1.49E+00	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
MKN516A	-2.23E-03	5.38E-03	6.34E-04	8.81E-03	0.00E+00	0.00E+00	-3.21E-01	-3.16E-04	1.16E-04	-1.24E-03	0.00E+00	0.00E+00	-6.92E-10	-1.70E-08	-8.40E-04	-3.26E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	-1.68E-01	0.00E+00	1.67E-09	-7.17E-09	-4.79E-04	0.00E+00	-7.39E-02	0.00E+00	-1.68E-01	-9.81E-06	-1.68E-01	-2.64E-01	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
MKN520	-1.12E-02	-5.23E-02	-8.71E-04	-5.14E-02	0.00E+00	0.00E+00	-2.29E+00	-1.13E-03	-4.68E-04	-6.03E-03	0.00E+00	0.00E+00	-1.38E-09	-1.31E-07	4.20E-04	-1.25E+00	0.00E+00	0.00E+00	-1.92E+00	0.00E+00	-3.98E-01	0.00E+00	-8.41E-10	-1.96E-08	-1.72E-03	0.00E+00	-2.28E-01	0.00E+00	-3.98E-01	-3.29E-05	-3.98E-01	-6.26E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-8.47E+01
MKN520A	-3.31E-03	1.06E-02	9.85E-04	1.44E-02	0.00E+00	0.00E+00	-5.33E-01	-3.28E-04	1.88E-04	-1.97E-03	0.00E+00	0.00E+00	-6.96E-10	-6.03E-08	-4.45E-07	-5.32E-01	0.00E+00	0.00E+00	-6.74E-01	0.00E+00	-9.72E-02	0.00E+00	3.21E-09	-9.04E-09	-1.13E-03	0.00E+00	-6.31E-02	0.00E+00	-9.72E-02	-1.54E-05	-9.72E-02	-1.32E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
MKN525	1.44E-03	1.40E-01	4.27E-03	1.35E-01	0.00E+00	0.00E+00	8.01E-01	-3.59E-06	9.55E-04	1.22E-03	0.00E+00	0.00E+00	-4.73E-11	9.77E-09	4.99E-03	1.33E-01	0.00E+00	0.00E+00	5.22E-01	0.00E+00	9.71E-01	0.00E+00	8.90E-09	3.73E-09	3.22E-04	0.00E+00	8.92E-02	0.00E+00	9.71E-01	-2.57E-07	9.71E-01	1.06E+00	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
MKN525A	-4.01E-03	1.35E-02	1.12E-03	1.64E-02	0.00E+00	0.00E+00	-9.06E-01	-4.28E-04	2.48E-04	-1.62E-03	0.00E+00	0.00E+00	-5.68E-10	-1.02E-07	-5.23E-04	-5.49E-01	0.00E+00	0.00E+00	-9.32E-01	0.00E+00	-1.46E-01	0.00E+00	3.30E-09	-9.57E-09	-1.45E-03	0.00E+00	-7.72E-02	0.00E+00	-1.46E-01	-1.54E-05	-1.46E-01	-2.46E-01	-7.72E-02	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
MKN532	-1.27E-03	2.06E-02	2.73E-03	2.96E-02	0.00E+00	0.00E+00	2.98E-02	-2.27E-04	4.73E-04	-1.19E-03	0.00E+00	0.00E+00	-5.10E-10	-1.38E-08	-1.96E-03	-3.47E-01	0.00E+00	0.00E+00	-2.10E-01	0.00E+00	-6.50E-02	0.00E+00	4.22E-09	-3.35E-09	-5.29E-04	0.00E+00	-2.23E-02	0.00E+00	-6.50E-02	-9.13E-06	-6.50E-02	-3.35E-02	-2.23E-02	0.00E+00	0.00E+00	0.00E+00	-7.25E+00
MKN532A	-2.77E-03	1.07E-02	1.34E-03	9.40E-03	0.00E+00	0.00E+00	-8.37E-01	-3.61E-04	3.66E-04	-1.54E-03	0.00E+00	0.00E+00	-6.37E-10	-4.06E-08	-2.76E-03	-4.92E-01	0.00E+00	0.00E+00	-9.68E-01	0.00E+00	-2.93E-01	0.00E+00	3.20E-09	-9.73E-09	-1.42E-03	0.00E+00	-8.48E-02	0.00E+00	-2.93E-01	-1.16E-05	-2.93E-01	-3.94E-01	-8.48E-02	0.00E+00	0.00E+00	0.00E+00	-4.77E+01
MKN540	-3.49E-03	1.91E-02	2.40E-03	2.14E-02	0.00E+00	0.00E+00	-3.26E-01	-4.19E-04	3.98E-04	-2.60E-03	0.00E+00	0.00E+00	-5.66E-10	-6.24E-08	-2.32E-03	-5.30E-01	0.00E+00	0.00E+00	-6.22E-01	0.00E+00	-1.45E-01	0.00E+00	4.37E-09	-6.35E-09	-7.16E-04	0.00E+00	-9.76E-02	0.00E+00	-1.45E-01	-1.02E-05	-1.45E-01	-2.15E-01	-9.76E-02	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
MKN598	4.84E-04	1.36E-01	4.58E-03	1.32E-01	0.00E+00	0.00E+00	4.08E-01	-1.56E-04	1.39E-03	3.77E-04	0.00E+00	0.00E+00	-1.05E-09	-2.43E-09	-8.81E-03	1.20E-01	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	1.67E-01	0.00E+00	8.43E-09	-4.81E-09	-1.14E-04	0.00E+00	-2.94E-02	0.00E+00	1.67E-01	-6.34E-06	1.67E-01	1.37E-01	-2.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
MKN599	-8.53E-04	-1.83E-01	-4.67E-05	-1.83E-01	0.00E+00	0.00E+00	-3.35E-01	-1.28E-04	4.53E-04	-2.09E-03	0.00E+00	0.00E+00	-1.52E-09	-7.23E-09	-1.48E-02	-1.15E+00	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-1.62E+00	0.00E+00	-5.25E-09	-1.50E-08	-8.87E-04	0.00E+00	-2.97E-01	0.00E+00	-1.62E+00	-5.59E-06	-1.62E+00	-1.92E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MKS506	-8.66E-04	1.49E-02	1.67E-03	2.42E-02	0.00E+00	0.00E+00	6.97E-02	-2.29E-04	2.44E-04	-6.36E-04	0.00E+00	0.00E+00	-3.55E-10	-1.53E-08	5.04E-04	-3.55E-01	0.00E+00	0.00E+00	-6.73E-02	0.00E+00	9.05E-02	0.00E+00	3.25E-09	-1.83E-09	-2.69E-04	0.00E+00	-3.67E-02	0.00E+00	9.05E-02	-5.36E-06	9.05E-02	-1.57E-02	-3.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.35E+00
MKS510	-9.00E-04	1.78E-02	1.84E-03	2.88E-02	0.00E+00	0.00E+00	9.23E-02	-2.33E-04	2.80E-04	-6.65E-04	0.00E+00	0.00E+00	-3.26E-10	-1.09E-08	1.20E-03	-2.73E-01	0.00E+00	0.00E+00	-6.97E-02	0.00E+00	4.20E-02	0.00E+00	2.81E-09	-1.55E-09	-2.19E-04	0.00E+00	-6.41E-03	0.00E+00	4.20E-02	-4.89E-06	4.20E-02	2.27E-02	-6.41E-03	0.00E+00	0.00E+00	0.00E+00	-8.11E-01
MKS513	-8.61E-04	2.04E-02	1.90E-03	3.64E-02	0.00E+00	0.00E+00	1.07E-01	-1.66E-04	2.95E-04	-5.79E-04	0.00E+00	0.00E+00	-3.29E-10	-1.14E-08	1.42E-03	-2.23E-01	0.00E+00	0.00E+00	2.95E-02	0.00E+00	6.96E-02	0.00E+00	3.59E-09	-1.11E-09	-1.19E-04	0.00E+00	5.95E-03	0.00E+00	6.96E-02	-4.78E-06	6.96E-02	8.02E-02	5.95E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MKS516	1.10E-04	4.36E-02	2.90E-03	4.07E-02	0.00E+00	0.00E+00	5.76E-01	-6.03E-05	4.05E-04	1.63E-04	0.00E+00	0.00E+00	6.20E-11	-1.88E-09	3.78E-03	-2.01E-01	0.00E+00	0.00E+00	4.63E-01	0.00E+00	7.60E-01	0.00E+00	5.79E-09	1.86E-09	7.06E-05	0.00E+00	3.61E-02	0.00E+00	7.60E-01	-2.07E-06	7.60E-01	7.96E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
MKS599	-8.21E-04	-1.14E-01	8.46E-04	-1.15E-01	0.00E+00	0.00E+00	-2.02E-01	-1.63E-04	6.38E-04	-1.67E-03	0.00E+00	0.00E+00	-1.33E-09	-9.99E-09	6.06E-04	-1.08E+00	0.00E+00	0.00E+00	-7.79E-01	0.00E+00	-9.06E-01	0.00E+00	-2.09E-09	-1.10E-08	-6.79E-04	0.00E+00	-1.93E-01	0.00E+00	-9.06E-01	-6.87E-06	-9.06E-01	-1.10E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
ML506J	-2.30E-03	7.71E-03	1.02E-03	1.55E-02	0.00E+00	0.00E+00	-2.04E-01	-1.65E-04	1.19E-04	-1.00E-03	0.00E+00	0.00E+00	-5.95E-10	-1.42E-09	-4.75E-04	-3.22E-01	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-1.51E-01	0.00E+00	2.64E-09	-5.67E-09	-3.54E-04	0.00E+00	-6.13E-02	0.00E+00	-1.51E-01	-8.92E-06	-1.51E-01	-2.26E-01	-6.13E-02	0.00E+00	0.00E+00	0.00E+00	-2.08E+01

ML510J	-2.43E-03	6.02E-04	4.51E-04	4.62E-03	0.00E+00	0.00E+00	-3.22E-01	-2.99E-04	1.05E-04	-1.37E-03	0.00E+00	0.00E+00	-9.09E-10	-4.77E-08	-5.43E-04	-4.55E-01	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	-2.23E-01	0.00E+00	1.05E-09	-8.91E-09	-5.17E-04	0.00E+00	-8.94E-02	0.00E+00	-2.23E-01	-1.21E-05	-2.23E-01	-3.08E-01	-8.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
ML516J	-1.88E-03	5.47E-03	6.87E-04	1.05E-02	0.00E+00	0.00E+00	-3.42E-01	-2.77E-04	1.11E-04	-1.19E-03	0.00E+00	0.00E+00	-7.59E-10	-1.14E-08	-1.01E-03	-2.74E-01	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	-1.84E-01	0.00E+00	1.67E-09	-7.23E-09	-4.75E-04	0.00E+00	-7.56E-02	0.00E+00	-1.84E-01	-1.05E-05	-1.84E-01	-2.81E-01	-7.56E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
ML520J	-3.12E-03	1.07E-02	1.15E-03	1.56E-02	0.00E+00	0.00E+00	-5.09E-01	-2.70E-04	1.95E-04	-1.62E-03	0.00E+00	0.00E+00	-6.93E-10	-2.90E-08	1.21E-04	-3.27E-01	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-8.48E-02	0.00E+00	3.46E-09	-7.88E-09	-9.12E-04	0.00E+00	-4.15E-02	0.00E+00	-8.48E-02	-1.15E-05	-8.48E-02	-1.60E-01	-4.15E-02	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
ML525J	-4.43E-03	1.15E-02	1.20E-03	1.42E-02	0.00E+00	0.00E+00	-1.00E+00	-4.67E-04	2.28E-04	-1.69E-03	0.00E+00	0.00E+00	-5.55E-10	-1.12E-07	-4.33E-04	-5.62E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-1.78E-01	0.00E+00	3.26E-09	-1.05E-08	-1.52E-03	0.00E+00	-6.63E-02	0.00E+00	-1.78E-01	-1.66E-05	-1.78E-01	-2.55E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
ML532J	-2.73E-03	1.06E-02	1.39E-03	1.34E-02	0.00E+00	0.00E+00	-8.92E-01	-3.49E-04	3.56E-04	-1.53E-03	0.00E+00	0.00E+00	-6.43E-10	-3.98E-08	-2.48E-03	-4.90E-01	0.00E+00	0.00E+00	-9.91E-01	0.00E+00	-2.86E-01	0.00E+00	3.57E-09	-1.10E-08	-1.41E-03	0.00E+00	-8.72E-02	0.00E+00	-2.86E-01	-1.20E-05	-2.86E-01	-4.73E-01	-8.72E-02	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
ML540J	-6.89E-03	9.25E-03	1.15E-03	9.79E-03	0.00E+00	0.00E+00	-1.43E+00	-6.45E-04	2.26E-04	-3.49E-03	0.00E+00	0.00E+00	-6.93E-10	-1.14E-07	-2.98E-03	-7.27E-01	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-3.54E-01	0.00E+00	3.65E-09	-1.53E-08	-1.54E-03	0.00E+00	-1.62E-01	0.00E+00	-3.54E-01	-1.36E-05	-3.54E-01	-5.60E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-6.33E+01
MLN502A	-2.79E-03	9.18E-03	1.06E-03	1.75E-02	0.00E+00	0.00E+00	-2.54E-01	-2.80E-04	1.22E-04	-1.10E-03	0.00E+00	0.00E+00	-6.63E-10	-3.35E-08	-1.77E-04	-5.35E-01	0.00E+00	0.00E+00	-5.36E-01	0.00E+00	-9.67E-02	0.00E+00	2.65E-09	-7.48E-09	-5.45E-04	0.00E+00	-9.61E-02	0.00E+00	-9.67E-02	-9.72E-06	-9.67E-02	-1.63E-01	-9.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
MLN504A	-2.38E-03	9.57E-03	1.07E-03	1.74E-02	0.00E+00	0.00E+00	-2.31E-01	-2.63E-04	1.22E-04	-9.92E-04	0.00E+00	0.00E+00	-6.78E-10	-1.69E-08	-2.03E-04	-3.93E-01	0.00E+00	0.00E+00	-4.84E-01	0.00E+00	-9.40E-02	0.00E+00	2.98E-09	-6.12E-09	-4.72E-04	0.00E+00	-6.91E-02	0.00E+00	-9.40E-02	-8.99E-06	-9.40E-02	-1.65E-01	-6.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
MLN506	-1.93E-03	8.70E-03	1.23E-03	1.30E-02	0.00E+00	0.00E+00	-9.03E-03	-2.16E-04	1.61E-04	-1.26E-03	0.00E+00	0.00E+00	-5.84E-10	-2.81E-08	-8.33E-06	-4.17E-01	0.00E+00	0.00E+00	-1.87E-01	0.00E+00	-3.51E-03	0.00E+00	2.37E-09	-5.53E-09	-3.64E-04	0.00E+00	-6.89E-02	0.00E+00	-3.51E-03	-7.58E-06	-3.51E-03	-6.39E-02	-6.89E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
MLN506A	9.81E-04	1.70E-01	4.10E-03	1.66E-01	0.00E+00	0.00E+00	9.16E-01	1.59E-06	5.16E-04	1.48E-03	0.00E+00	0.00E+00	1.24E-10	5.86E-09	5.84E-03	2.07E-01	0.00E+00	0.00E+00	6.52E-01	0.00E+00	1.23E+00	0.00E+00	1.02E-08	4.97E-09	3.91E-04	0.00E+00	1.14E-01	0.00E+00	1.23E+00	1.57E-07	1.23E+00	1.34E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MLN510	-2.11E-03	-1.05E-02	1.18E-03	1.52E-04	0.00E+00	0.00E+00	-1.15E-01	-3.42E-04	1.61E-04	-1.62E-03	0.00E+00	0.00E+00	-6.51E-10	-3.25E-08	3.46E-04	-4.71E-01	0.00E+00	0.00E+00	-3.51E-01	0.00E+00	-8.72E-02	0.00E+00	1.06E-09	-7.16E-09	-4.52E-04	0.00E+00	-8.66E-02	0.00E+00	-8.72E-02	-7.27E-06	-8.72E-02	-1.47E-01	-8.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
MLN510A	-5.23E-03	-1.39E-02	-1.18E-03	-1.27E-02	0.00E+00	0.00E+00	-1.41E+00	-5.26E-04	-2.22E-04	-2.83E-03	0.00E+00	0.00E+00	-1.40E-09	-6.07E-08	-7.14E-04	-5.05E-01	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-9.79E-01	0.00E+00	-2.72E-09	-1.51E-08	-1.04E-03	0.00E+00	-1.37E-01	0.00E+00	-9.79E-01	-1.61E-05	-9.79E-01	-1.12E+00	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MLN513	-1.72E-03	8.09E-03	1.42E-03	1.71E-02	0.00E+00	0.00E+00	-1.73E-02	-2.74E-04	1.74E-04	-1.64E-03	0.00E+00	0.00E+00	-5.06E-10	-3.55E-08	8.17E-04	-3.58E-01	0.00E+00	0.00E+00	-1.91E-01	0.00E+00	-1.36E-02	0.00E+00	1.92E-09	-6.65E-09	-3.48E-04	0.00E+00	-6.52E-02	0.00E+00	-1.36E-02	-6.04E-06	-1.36E-02	4.90E-03	-6.52E-02	0.00E+00	0.00E+00	0.00E+00	-7.97E+00
MLN513A	-4.12E-03	1.28E-01	2.18E-03	1.26E-01	0.00E+00	0.00E+00	-3.76E-01	-4.58E-04	-6.01E-05	-1.22E-03	0.00E+00	0.00E+00	-4.25E-10	-5.18E-08	4.20E-03	-2.15E-01	0.00E+00	0.00E+00	-3.08E-01	0.00E+00	7.11E-01	0.00E+00	6.93E-09	-4.34E-09	-3.98E-04	0.00E+00	1.00E-02	0.00E+00	7.11E-01	-1.30E-05	7.11E-01	7.21E-01	1.00E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MLN516	5.87E-04	3.27E-02	2.74E-03	2.99E-02	0.00E+00	0.00E+00	6.58E-01	-3.53E-06	3.70E-04	3.51E-04	0.00E+00	0.00E+00	2.92E-12	4.41E-09	3.64E-03	-1.29E-01	0.00E+00	0.00E+00	4.64E-01	0.00E+00	6.43E-01	0.00E+00	5.29E-09	1.70E-09	9.10E-05	0.00E+00	4.14E-02	0.00E+00	6.43E-01	-9.98E-08	6.43E-01	6.84E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
MLN516A	-1.20E-04	4.10E-02	1.07E-03	3.99E-02	0.00E+00	0.00E+00	5.13E-02	-5.91E-05	3.16E-04	1.82E-05	0.00E+00	0.00E+00	-6.87E-10	-2.79E-09	-5.02E-03	-7.56E-02	0.00E+00	0.00E+00	-4.13E-01	0.00E+00	-2.66E-01	0.00E+00	2.02E-09	-4.47E-09	-1.64E-04	0.00E+00	-5.75E-02	0.00E+00	-2.66E-01	-2.61E-06	-2.66E-01	-3.23E-01	-5.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
MLN520	-3.27E-03	1.62E-02	1.82E-03	1.97E-02	0.00E+00	0.00E+00	1.75E-01	-2.49E-04	3.06E-04	-1.89E-03	0.00E+00	0.00E+00	-4.99E-10	-6.28E-08	3.23E-04	-2.18E-01	0.00E+00	0.00E+00	7.72E-02	0.00E+00	6.13E-02	0.00E+00	3.87E-09	-5.16E-09	-5.25E-04	0.00E+00	-8.12E-03	0.00E+00	6.13E-02	-1.17E-05	6.13E-02	9.98E-02	-8.12E-03	0.00E+00	0.00E+00	0.00E+00	1.93E+00
MLN520A	5.49E-04	1.32E-01	3.60E-03	1.28E-01	0.00E+00	0.00E+00	5.67E-01	-6.72E-05	7.47E-04	8.04E-04	0.00E+00	0.00E+00	-2.01E-10	4.18E-10	4.52E-03	1.28E-01	0.00E+00	0.00E+00	2.83E-01	0.00E+00	7.85E-01	0.00E+00	7.83E-09	1.65E-09	1.74E-04	0.00E+00	7.33E-02	0.00E+00	7.85E-01	-2.60E-06	7.85E-01	8.58E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	7.90E+00
MLN525	-1.29E-03	7.60E-03	2.35E-03	2.42E-02	0.00E+00	0.00E+00	3.72E-02	-2.51E-04	3.80E-04	-9.41E-04	0.00E+00	0.00E+00	-4.36E-10	-6.52E-09	2.61E-04	-1.45E-01	0.00E+00	0.00E+00	-8.77E-02	0.00E+00	1.21E-02	0.00E+00	3.92E-09	-2.73E-09	-2.34E-04	0.00E+00	-1.89E-02	0.00E+00	1.21E-02	-6.14E-06	1.21E-02	1.43E-02	-1.89E-02	0.00E+00	0.00E+00	0.00E+00	-6.16E+00
MLN525A	-1.34E-02	-3.51E-02	-2.36E-03	-3.27E-02	0.00E+00	0.00E+00	-3.24E+00	-1.35E-03	-5.57E-04	-7.14E-03	0.00E+00	0.00E+00	-2.14E-09	-1.57E-07	-1.37E-03	-1.21E+00	0.00E+00	0.00E+00	-2.84E+00	0.00E+00	-1.16E+00	0.00E+00	-3.79E-09	-2.73E-08	-2.18E-03	0.00E+00	-2.84E-01	0.00E+00	-1.16E+00	-3.99E-05	-1.16E+00	-1.45E+00	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MLN532	-9.83E-04	1.99E-02	2.62E-03	2.65E-02	0.00E+00	0.00E+00	2.07E-02	-2.42E-04	4.68E-04	-1.16E-03	0.00E+00	0.00E+00	-5.10E-10	-1.07E-08	-2.15E-03	-3.33E-01	0.00E+00	0.00E+00	-2.18E-01	0.00E+00	-5.95E-02	0.00E+00	4.11E-09	-3.48E-09	-5.04E-04	0.00E+00	-2.70E-02	0.00E+00	-5.95E-02	-8.42E-06	-5.95E-02	-3.04E-02	-2.70E-02	0.00E+00	0.00E+00	0.00E+00	-7.10E+00
MLN532A	-2.84E-03	1.18E-02	1.25E-03	1.18E-02	0.00E+00	0.00E+00	-9.04E-01	-3.79E-04	3.66E-04	-1.53E-03	0.00E+00	0.00E+00	-5.86E-10	-5.22E-08	-2.79E-03	-4.66E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.99E-01	0.00E+00	3.46E-09	-8.51E-09	-1.53E-03	0.00E+00	-6.97E-02	0.00E+00	-2.99E-01	-1.21E-05	-2.99E-01	-4.15E-01	-6.97E-02	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MLN540	-3.51E-03	1.89E-02	2.35E-03	2.09E-02	0.00E+00	0.00E+00	-3.21E-01	-4.93E-04	3.89E-04	-2.74E-03	0.00E+00	0.00E+00	-5.93E-10	-6.43E-08	-2.46E-03	-4.69E-01	0.00E+00	0.00E+00	-6.30E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-09	-6.40E-09	-6.64E-04	0.00E+00	-9.51E-02	0.00E+00	-1.36E-01	-9.59E-06	-1.36E-01	-2.16E-01	-9.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
MLN540A	-7.00E-03	9.23E-03	9.62E-04	5.88E-03	0.00E+00	0.00E+00	-1.42E+00	-6.50E-04	2.38E-04	-3.53E-03	0.00E+00	0.00E+00	-8.07E-10	-1.19E-07	-3.63E-03	-7.56E-01	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-3.64E-01	0.00E+00	3.52E-09	-1.52E-08	-1.65E-03	0.00E+00	-1.68E-01	0.00E+00	-3.64E-01	-1.34E-05	-3.64E-01	-5.80E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
MLN702	-2.20E-03	1.83E-02	1.34E-03	1.41E-02	0.00E+00	0.00E+00	-1.44E-01	-2.77E-04	1.30E-04	-1.01E-03	0.00E+00	0.00E+00	-7.39E-10	-3.32E-08	-2.09E-04	-5.52E-01	0.00E+00	0.00E+00	-4.90E-01	0.00E+00	6.44E-03	0.00E+00	3.53E-09	-6.55E-09	-4.67E-04	0.00E+00	-1.17E-01	0.00E+00	6.44E-03	-1.07E-05	6.44E-03	-1.86E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
MLN702A	-2.20E-03	1.83E-02	1.32E-03	1.41E-02	0.00E+00	0.00E+00	-1.48E-01	-2.80E-04	1.30E-04	-1.01E-03	0.00E+00	0.00E+00	-7.36E-10	-3.32E-08	-2.37E-04	-5.49E-01	0.00E+00	0.00E+00	-4.98E-01	0.00E+00	-9.09E-03	0.00E+00	3.53E-09	-6.50E-09	-4.67E-04	0.00E+00	-1.17E-01	0.00E+00	-9.09E-03	-1.07E-05	-9.09E-03	-1.86E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
MLN706	-2.26E-03	1.38E-02	7.42E-04	9.67E-03	0.00E+00	0.00E+00	-1.95E-01	-3.17E-04	1.25E-04	-1.18E-03	0.00E+00	0.00E+00	-8.28E-10	-3.87E-08	-3.47E-04	-5.41E-01	0.00E+00	0.00E+00	-5.80E-01	0.00E+00	-1.25E-01	0.00E+00	3.07E-09	-8.27E-09	-6.03E-04	0.00E+00	-1.01E-01	0.00E+00	-1.25E-01	-1.27E-05	-1.25E-01	-2.98E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
MLN706A	-2.29E-03	1.33E-02	7.27E-04	7.76E-03	0.00E+00	0.00E+00	-2.10E-01	-3.23E-04	1.25E-04	-1.20E-03	0.00E+00	0.00E+00	-8.42E-10	-3.85E-08	-6.67E-04	-5.58E-01	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-1.52E-01	0.00E+00	3.06E-09	-8.46E-09	-5.98E-04	0.00E+00	-1.04E-01	0.00E+00	-1.52E-01	-1.27E-05	-1.52E-01	-3.13E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
MLN710	-2.47E-03	-3.51E-03	5.82E-04	-1.56E-02	0.00E+00	0.00E+00	-2.78E-01	-2.96E-04	1.28E-04	-1.50E-03	0.00E+00	0.00E+00	-8.44E-10	-4.30E-08	-2.42E-03	-5.56E-01	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-1.32E-01	0.00E+00	1.78E-09	-8.61E-09	-4.46E-04	0.00E+00	-1.32E-01	0.00E+00	-1.32E-01	-9.15E-06	-1.32E-01	-3.06E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
MLN710A	-2.56E-03	-4.60E-03	5.77E-04	-1.75E-02	0.00E+00	0.00E+00	-2.71E-01	-2.88E-04	1.30E-04	-1.56E-03	0.00E+00	0.00E+00	-8.42E-10	-4.29E-08	-2.75E-03	-5.53E-01	0.00E+00	0.00E+00	-6.13E-01	0.00E+00	-1.54E-01	0.00E+00	1.77E-09	-8.45E-09	-4.60E-04	0.00E+00	-1.35E-01	0.00E+00	-1.54E-01	-8.73E-06	-1.54E-01	-3.16E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
MLN716	-2.68E-03	-9.31E-05	5.62E-04	-8.19E-03	0.00E+00	0.00E+00	-3.39E-01	-4.24E-04	1.32E-04	-1.28E-03	0.00E+00	0.00E+00	-8.40E-10	-4.09E-08	-3.52E-03	-5.53E-01	0.00E+00	0.00E+00	-8.75E-01	0.00E+00	-1.32E-01	0.00E+00	1.63E-09	-9.64E-09	-5.92E-04	0.00E+00	-1.28E-01	0.00E+00	-1.32E-01	-1.13E-05	-1.32E-01	-3.59E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MLN716A	-3.07E-03	-1.78E-03	5.63E-04	-1.01E-02	0.00E+00	0.00E+00	-3.45E-01	-4.29E-04	1.32E-04	-1.38E-03	0.00E+00	0.00E+00	-8.80E-10	-4.80E-08	-3.75E-03	-5.66E-01	0.00E+00	0.00E+00	-8.83E-01	0.00E+00	-1.53E-01	0.00E+00	1.57E-09	-9.60E-09	-6.33E-04	0.00E+00	-1.35E-01	0.00E+00	-1.53E-01	-1.17E-05	-1.53E-01	-3.81E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MLN720	-2.81E-03	2.25E-02	1.35E-03	1.47E-02	0.00E+00	0.00E+00	-4.59E-01	-4.79E-04	2.10E-04	-1.42E-03	0.00E+00	0.00E+00	-7.67E-10	-5.96E-08	-2.15E-03	-5.99E-01	0.00E+00	0.00E+00	-9.43E-01	0.00E+00	-7.79E-02	0.00E+00	3.86E-09	-8.18E-09	-8.26E-04	0.00E+00	-9.27E-02	0.00E+00	-7.79E-02	-1.82E-05	-7.79E-02	-3.19E-01	-9.27E-02	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
MLN720A	-2.99E-03	2.14E-02	1.36E-03	1.39E-02	0.00E+00	0.00E+00	-4.70E-01	-4.80E-04	2.10E-04	-1.51E-03	0.00E+00	0.00E+00	-8.55E-10	-6.57E-08	-2.66E-03	-6.16E-01	0.00E+00	0.00E+00	-9.55E-01	0.00E+00	-4.41E-02	0.00E+00	3.89E-09	-8.69E-09	-8.72E-04	0.00E+00	-9.65E-02	0.00E+00	-4.41E-02	-1.85E-05	-4.41E-02	-3.69E-01	-9.65E-02	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MLN725	-3.12E-03	1.56E-02	1.08E-03	1.27E-02	0.00E+00	0.00E+00	-6.68E-01	-5.19E-04	3.48E-04	-1.73E-03	0.00E+00	0.00E+00	-7.38E-10	-6.38E-08	-2.28E-03	-6.14E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-2.02E-01	0.00E+00	3.44E-09	-9.46E-09	-8.71E-04	0.00E+00	-1.10E-01	0.00E+00	-2.02E-01	-1.64E-05	-2.02E-01	-3.88E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
MLN725A	-3.29E-03	1.54E-02	1.05E-03	1.12E-02	0.00E+00	0.00E+00	-6.69E-01	-5.32E-04	3.34E-04	-1.68E-03	0.00E+00	0.00E+00	-7.71E-10	-6.63E-08	-2.47E-03	-6.44E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.32E-01	0.00E+00	3.35E-09	-9.49E-09	-9.10E-04	0.00E+00	-1.10E-01	0.00E+00	-2.32E-01	-1.73E-05	-2.32E-01	-4.02E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.05E+01
MLN732	-4.44E-03	1.66E-02	1.19E-03	1.39E-02	0.00E+00	0.00E+00	-7.71E-01	-6.12E-04	3.08E-04	-2.58E-03	0.00E+00	0.00E+00	-9.00E-10	-6.87E-08	-2.60E-03	-7.13E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-2.43E-01	0.00E+00	3.53E-09	-1.14E-08	-1.00E-03	0.00E+00	-1.52E-01	0.00E+00	-2.43E-01	-1.77E-05	-2.43E-01	-4.91E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
MLN732A	-4.47E-03	1.14E-02	1.23E-03	-4.41E-03	0.00E+00	0.00E+00	-7.76E-01	-6.09E-04	3.05E-04	-2.45E-03	0.00E+00	0.00E+00	-1.04E-09	-6.99E-08	-2.96E-03	-1.12E+00	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.56E-01	0.00E+00	3.36E-09	-1.15E-08	-9.82E-04	0.00E+00	-1.81E-01	0.00E+00	-2.56E-01	-1.82E-05	-2.56E-01	-5.76E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
MLN740A	-5.25E-03	2.63E-02	1.11E-03	1.36E-02	0.00E+00	0.00E+00	-8.50E-01	-6.37E-04	2.80E-04	-2.64E-03	0.00E+00	0.00E+00	-9.59E-10	-8.78E-08	-3.13E-03	-1.08E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-2.47E-01	0.00E+00	3.64E-09	-1.14E-08	-8.99E-04	0.00E+00	-1.80E-01	0.00E+00	-2.47E-01	-1.71E-05	-2.47E-01	-6.30E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
MLS506	-8.73E-04	1.16E-02	1.64E-03	2.13E-02	0.00E+00	0.00E+00	3.55E-02	-2.40E-04	2.33E-04	-7.81E-04	0.00E+00	0.00E+00	-3.90E-10	-1.87E-08	2.02E-04	-3.51E-01	0.00E+00	0.00E+00	-6.80E-02	0.00E+00	9.05E-02	0.00E+00	3.24E-09	-2.12E-09	-3.04E-04	0.00E+00	-3.82E-02	0.00E+00	9.05E-02	-6.13E-06	9.05E-02	-3.04E-02	-3.82E-02	0.00E+00	0.00E+00	0.00E+00	-2.26E+00
MLS510	-1.03E-03	1.68E-03	1.86E-03	1.85E-02	0.00E+00	0.00E+00	2.00E-02	-2.47E-04	2.68E-04	-7.45E-04	0.00E+00	0.00E+00	-3.78E-10	-1.42E-08	8.73E-04	-2.95E-01	0.00E+00	0.00E+00	-1.09E-01	0.00E+00	3.59E-02	0.00E+00	2.58E-09	-2.64E-09	-2.78E-04	0.00E+00	-1.10E-02	0.00E+00	3.59E-02	-5.50E-06	3.59E-02	-4.83E-03	-1.10E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+00
MLS513	-7.14E-04	2.09E-02	1.98E-03	3.52E-02	0.00E+00	0.00E+00	1.31E-01	-1.41E-04	2.96E-04	-6.12E-04	0.00E+00	0.00E+00	-2.52E-10	-3.40E-09	1.37E-03	-1.64E-01	0.00E+00	0.00E+00	2.63E-02	0.00E+00	7.04E-02	0.00E+00	3.51E-09	-1.08E-09	-1.07E-04	0.00E+00	4.33E-03	0.00E+00	7.04E-02	-3.73E-06	7.04E-02	9.56E-02	4.33E-03	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MLS516	9.72E-04	1.55E-01	3.61E-03	1.51E-01	0.00E+00	0.00E+00	7.78E-01	1.25E-06	5.43E-04	1.35E-03	0.00E+00	0.00E+00	7.26E-11	5.93E-09	5.09E-03	1.79E-01	0.00E+00	0.00E+00	5.15E-01	0.00E+00	1.07E+00	0.00E+00	9.10E-09	4.38E-09	3.58E-04	0.00E+00	9.41E-02	0.00E+00	1.07E+00	5.48E-08	1.07E+00	1.16E+00	9.41E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
MLU502	-2.70E-03	8.78E-03	1.08E-03	1.66E-02	0.00E+00	0.00E+00	-2.71E-01	-2.93E-04	1.22E-04	-1.24E-03	0.00E+00	0.00E+00	-7.37E-10	-2.91E-08	-5.40E-04	-5.63E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-1.03E-01	0.00E+00	2.57E-09	-7.68E-09	-5.69E-04	0.00E+00	-1.02E-01	0.00E+00	-1.03E-01	-1.12E-05	-1.03E-01	-1.77E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
MLU506	-4.04E-05	4.18E-02	1.31E-03	4.05E-02	0.00E+00	0.00E+00	8.36E-02	-5.92E-05	3.68E-04	3.46E-05	0.00E+00	0.00E+00	-6.49E-10	-2.19E-09	-4.89E-03	-6.48E-02	0.00E+00	0.00E+00	-3.33E-01	0.00E+00	-2.24E-01	0.00E+00	2.24E-09	-4.21E-09	-1.54E-04	0.00E+00	-4.83E-02	0.00E+00	-2.24E-01	-2.54E-06	-2.24E-01	-2.73E-01	-4.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
MLU510	-5.09E-03	-1.31E-01	-2.06E-03	-1.29E-01	0.00E+00	0.00E+00	-1.41E+00	-4.90E-04	-2.59E-04	-3.56E-03	0.00E+00	0.00E+00	-1.46E-09	-5.64E-08	-2.06E-03	-8.66E-01	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-1.33E+00	0.00E+00	-6.02E-09	-1.65E-08	-1.19E-03	0.00E+00	-2.11E-01	0.00E+00	-1.33E+00	-1.50E-05	-1.33E+00	-1.54E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01
MLU516	2.94E-04	4.70E-02	1.26E-03	4.57E-02	0.00E+00	0.00E+00	1.58E-01	-2.23E-05	3.60E-04	2.64E-04	0.00E+00	0.00E+00	-6.37E-10	1.85E-09	-4.84E-03	-3.61E-02	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.11E-01	0.00E+00	2.40E-09	-3.64E-09	-9.40E-05	0.00E+00	-4.75E-02	0.00E+00	-2.11E-01	-1.28E-06	-2.11E-01	-2.59E-01	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
MLU520	-1.06E-02	-6.93E-02	-8.95E-04	-6.84E-02	0.00E+00	0.00E+00	-2.25E+00	-1.07E-03	-4.19E-04	-5.90E-03	0.00E+00	0.00E+00	-1.41E-09	-1.24E-07	-2.73E-05	-1.19E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-5.92E-01	0.00E+00	-1.90E-09	-2.00E-08	-1.72E-03	0.00E+00	-2.19E-01	0.00E+00	-5.92E-01	-3.10E-05	-5.92E-01	-8.10E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-8.07E+01
MLU525	-1.36E-02	-1.42E-01	-3.05E-03	-1.39E-01	0.00E+00	0.00E+00	-3.30E+00	-1.35E-03	-6.26E-04	-7.97E-03	0.00E+00	0.00E+00	-2.16E-09	-1.58E-07	-2.55E-03	-1.49E+00	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-1.45E+00	0.00E+00	-6.75E-09	-2.89E-08	-2.37E-03	0.00E+00	-3.34E-01	0.00E+00	-1.45E+00	-4.00E-05	-1.45E+00	-1.78E+00	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
MLU532	1.40E-03	5.57E-02	4.33E-03	5.14E-02	0.00E+00	0.00E+00	9.66E-01	1.64E-06	9.71E-04	6.22E-04	0.00E+00	0.00E+00	8.15E-11	1.10E-08	-1.84E-03	-1.08E-02	0.00E+00	0.00E+00	5.63E-01	0.00E+00	9.16E-01	0.00E+00	7.91E-09	3.55E-09	2.29E-04	0.00E+00	4.04E-02	0.00E+00	9.16E-01	-1.60E-08	9.16E-01	9.56E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
MLU540	-1.48E-02	-5.18E-02	-2.73E-03	-4.91E-02	0.00E+00	0.00E+00	-3.57E+00	-1.48E-03	-6.21E-04	-7.95E-03	0.00E+00	0.00E+00	-2.31E-09	-1.73E-07	-8.42E-03	-1.30E+00	0.00E+00	0.00E+00	-3.21E+00	0.00E+00	-1.38E+00	0.00E+00	-4.46E-09	-3.03E-08	-2.41E-03	0.00E+00	-3.47E-01	0.00E+00	-1.38E+00	-4.38E-05	-1.38E+00	-1.72E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MMN200	-6.45E-03	-6.08E-02	3.99E-04	-4.09E-02	0.00E+00	0.00E+00	-2.21E+00	-5.19E-04	-1.55E-04	-3.33E-03	0.00E+00	0.00E+00	-2.35E-09	-1.38E-07	-7.12E-03	-2.03E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-4.78E-01	0.00E+00	9.57E-10	-1.48E-08	-9.10E-04	0.00E+00	-3.36E-01	0.00E+00	-4.78E-01	-3.92E-05	-4.78E-01	-8.92E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MMN201	-6.52E-03	-5.57E-02	2.12E-04	-2.41E-02	0.00E+00	0.00E+00	-2.16E+00	-5.20E-04	-9.63E-05	-3.37E-03	0.00E+00	0.00E+00	-2.18E-09	-1.34E-07	-5.81E-03	-1.17E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	-5.18E-01	0.00E+00	1.03E-09	-1.50E-08	-8.56E-04	0.00E+00	-2.06E-01	0.00E+00	-5.18E-01	-3.86E-05	-5.18E-01	-7.81E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-8.78E+01
MMN202	-6.59E-03	-6.08E-02	1.47E-04	-3.66E-02	0.00E+00	0.00E+00	-1.86E+00	-4.76E-04	-8.68E-05	-3.17E-03	0.00E+00	0.00E+00	-2.21E-09	-1.27E-07	-6.24E-03	-1.26E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	-4.60E-01	0.00E+00	9.83E-10	-1.45E-08	-8.23E-04	0.00E+00	-2.17E-01	0.00E+00	-4.60E-01	-3.91E-05	-4.60E-01	-7.19E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-8.31E+01
MMN203	-6.38E-03	-5.59E-02	1.81E-04	-2.96E-02	0.00E+00	0.00E+00	-1.86E+00	-4.82E-04	-9.79E-05	-3.18E-03	0.00E+00	0.00E+00	-2.22E-09	-1.31E-07	-6.17E-03	-1.23E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-4.79E-01	0.00E+00	1.05E-09	-1.48E-08	-7.72E-04	0.00E+00	-2.16E-01	0.00E+00	-4.79E-01	-3.83E-05	-4.79E-01	-6.43E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-8.25E+01
MMN204	-5.74E-03	-1.95E-02	5.01E-04	6.12E-04	0.00E+00	0.00E+00	-1.82E+00	-5.07E-04	-1.49E-04	-3.25E-03	0.00E+00	0.00E+00	-2.21E-09	-1.41E-07	-5.91E-03	-1.15E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-4.00E-01	0.00E+00	1.42E-09	-1.51E-08	-7.72E-04	0.00E+00	-2.08E-01	0.00E+00	-4.00E-01	-3.87E-05	-4.00E-01	-3.96E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.70E+01
MMN206	-4.96E-03	-2.04E-02	1.14E-03	-1.61E-03	0.00E+00	0.00E+00	-1.97E+00	-4.80E-04	-2.18E-04	-2.74E-03	0.00E+00	0.00E+00	-2.21E-09	-1.52E-07	-6.84E-03	-1.23E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-3.36E-01	0.00E+00	1.72E-09	-1.35E-08	-7.08E-04	0.00E+00	-2.23E-01	0.00E+00	-3.36E-01	-4.12E-05	-3.36E-01	-3.92E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-7.96E+01
MMN210	-5.01E-03	-2.06E-02	1.25E-03	-8.01E-03	0.00E+00	0.00E+00	-1.94E+00	-4.77E-04	-2.18E-04	-2.76E-03	0.00E+00	0.00E+00	-2.30E-09	-1.51E-07	-6.70E-03	-2.01E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-3.30E-01	0.00E+00	1.73E-09	-1.33E-08	-7.38E-04	0.00E+00	-3.22E-01	0.00E+00	-3.30E-01	-4.12E-05	-3.30E-01	-5.18E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
MMN213	-4.76E-03	-3.03E-02	1.10E-03	-1.37E-02	0.00E+00	0.00E+00	-2.07E+00	-4.67E-04	-1.99E-04	-2.67E-03	0.00E+00	0.00E+00	-2.31E-09	-1.53E-07	-6.51E-03	-2.22E+00	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-4.07E-01	0.00E+00	1.72E-09	-1.43E-08	-8.42E-04	0.00E+00	-3.90E-01	0.00E+00	-4.07E-01	-4.22E-05	-4.07E-01	-5.68E-01	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-9.18E+01
MMN216	-5.74E-03	-2.55E-01	-1.54E-03	-1.72E-01	0.00E+00	0.00E+00	-1.73E+00	-5.65E-04	1.35E-04	-4.36E-03	0.00E+00	0.00E+00	-2.45E-09	-1.12E-07	-5.12E-03	-3.74E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.55E+00	0.00E+00	-1.62E-09	-1.48E-08	-1.37E-03	0.00E+00	-7.15E-01	0.00E+00	-1.55E+00	-3.56E-05	-1.55E+00	-2.31E+00	-7.15E-01	0.00E+00	0.00E+00	0.00E+00	-8.78E+01
MMN220	-7.14E-03	-2.42E-02	9.10E-04	-1.32E-02	0.00E+00	0.00E+00	-2.51E+00	-5.61E-04	-2.32E-04	-4.23E-03	0.00E+00	0.00E+00	-2.44E-09	-1.89E-07	-6.42E-03	-1.31E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-4.48E-01	0.00E+00	1.66E-09	-1.76E-08	-1.03E-03	0.00E+00	-2.37E-01	0.00E+00	-4.48E-01	-5.10E-05	-4.48E-01	-5.74E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-9.98E+01
MMN225	-1.35E-02	-2.73E-01	-2.60E-03	-2.22E-01	0.00E+00	0.00E+00	-3.21E+00	-1.05E-03	3.08E-05	-9.65E-03	0.00E+00	0.00E+00	-3.03E-09	-2.33E-07	-7.32E-03	-3.69E+00	0.00E+00	0.00E+00	-3.14E+00	0.00E+00	-1.95E+00	0.00E+00	-3.06E-09	-3.51E-08	-2.05E-03	0.00E+00	-7.90E-01	0.00E+00	-1.95E+00	-5.76E-05	-1.95E+00	-2.85E+00	-7.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
MMN232	-1.26E-02	1.15E-02	-3.49E-04	1.89E-02	0.00E+00	0.00E+00	-3.05E+00	-1.33E-03	-2.23E-05	-7.77E-03	0.00E+00	0.00E+00	-3.30E-09	-2.65E-07	-5.93E-03	-1.13E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-5.06E-01	0.00E+00	1.68E-09	-2.63E-08	-2.74E-03	0.00E+00	-3.55E-01	0.00E+00	-5.06E-01	-6.53E-05	-5.06E-01	-6.58E-01	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MMN240	-1.19E-02	3.34E-03	3.77E-04	-1.32E-03	0.00E+00	0.00E+00	-2.98E+00	-8.90E-04	-2.12E-04	-6.47E-03	0.00E+00	0.00E+00	-2.58E-09	-2.07E-07	-6.43E-03	-1.16E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-4.49E-01	0.00E+00	6.75E-10	-2.63E-08	-1.63E-03	0.00E+00	-2.57E-01	0.00E+00	-4.49E-01	-6.28E-05	-4.49E-01	-7.06E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MMN250	-1.68E-02	1.01E-02	-8.69E-04	-2.17E-02	0.00E+00	0.00E+00	-5.30E+00	-2.48E-03	-2.12E-04	-1.40E-02	0.00E+00	0.00E+00	-4.08E-09	-2.85E-07	-4.87E-03	-1.54E+00	0.00E+00	0.00E+00	-4.04E+00	0.00E+00	-5.97E-01	0.00E+00	1.37E-09	-3.05E-08	-2.99E-03	0.00E+00	-5.50E-01	0.00E+00	-5.97E-01	-7.53E-05	-5.97E-01	-1.11E+00	-5.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
MMN263	-1.83E-02	-8.04E-03	-1.15E-03	-7.17E-02	0.00E+00	0.00E+00	-6.25E+00	-2.40E-03	-3.60E-04	-1.58E-02	0.00E+00	0.00E+00	-4.19E-09	-3.12E-07	-5.26E-03	-1.57E+00	0.00E+00	0.00E+00	-4.66E+00	0.00E+00	-1.54E+00	0.00E+00	2.84E-10	-3.45E-08	-3.19E-03	0.00E+00	-5.84E-01	0.00E+00	-1.54E+00	-7.67E-05	-1.54E+00	-2.26E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+02
MMN300	-1.10E-02	-4.85E-02	-2.36E-03	-6.89E-02	0.00E+00	0.00E+00	-2.87E+00	-1.31E-03	-3.26E-04	-6.80E-03	0.00E+00	0.00E+00	-3.33E-09	-1.30E-07	-2.01E-02	-1.75E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-1.44E+00	0.00E+00	1.83E-09	-2.86E-08	-2.33E-03	0.00E+00	-4.11E-01	0.00E+00	-1.44E+00	-4.50E-05	-1.44E+00	-1.70E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MMN301	-1.02E-02	-4.83E-02	-2.00E-03	-6.12E-02	0.00E+00	0.00E+00	-2.33E+00	-1.15E-03	-1.59E-04	-5.26E-03	0.00E+00	0.00E+00	-3.23E-09	-1.20E-07	-1.94E-02	-1.74E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-1.36E+00	0.00E+00	1.46E-09	-2.81E-08	-2.13E-03	0.00E+00	-4.06E-01	0.00E+00	-1.36E+00	-4.48E-05	-1.36E+00	-1.60E+00	-4.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MMN302	-1.09E-02	-4.90E-02	-2.06E-03	-6.90E-02	0.00E+00	0.00E+00	-2.63E+00	-1.31E-03	-2.87E-04	-5.77E-03	0.00E+00	0.00E+00	-3.27E-09	-1.29E-07	-1.92E-02	-1.72E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	-1.31E+00	0.00E+00	1.86E-09	-2.85E-08	-2.30E-03	0.00E+00	-4.07E-01	0.00E+00	-1.31E+00	-4.52E-05	-1.31E+00	-1.50E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MMN303	-1.04E-02	-5.00E-02	-2.07E-03	-5.71E-02	0.00E+00	0.00E+00	-2.28E+00	-1.12E-03	-9.55E-05	-5.55E-03	0.00E+00	0.00E+00	-3.23E-09	-1.20E-07	-1.86E-02	-1.75E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	-1.32E+00	0.00E+00	1.19E-09	-2.78E-08	-1.99E-03	0.00E+00	-4.11E-01	0.00E+00	-1.32E+00	-4.31E-05	-1.32E+00	-1.49E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MMN304	-9.94E-03	-8.29E-02	-1.83E-03	-7.53E-02	0.00E+00	0.00E+00	-2.74E+00	-1.21E-03	-3.20E-04	-6.17E-03	0.00E+00	0.00E+00	-3.38E-09	-1.12E-07	-2.11E-02	-2.32E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-1.35E+00	0.00E+00	1.76E-09	-2.71E-08	-2.00E-03	0.00E+00	-4.33E-01	0.00E+00	-1.35E+00	-4.45E-05	-1.35E+00	-1.54E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MMN306	-1.09E-02	-4.28E-01	-4.99E-03	-2.96E-01	0.00E+00	0.00E+00	-2.74E+00	-1.17E-03	-9.01E-05	-9.05E-03	0.00E+00	0.00E+00	-3.65E-09	-9.88E-08	-2.23E-02	-3.60E+00	0.00E+00	0.00E+00	-3.54E+00	0.00E+00	-2.56E+00	0.00E+00	-5.54E-09	-2.84E-08	-2.31E-03	0.00E+00	-6.83E-01	0.00E+00	-2.56E+00	-4.23E-05	-2.56E+00	-3.77E+00	-6.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MMN310	-1.18E-02	-4.35E-01	-5.28E-03	-2.98E-01	0.00E+00	0.00E+00	-3.21E+00	-1.43E-03	-2.27E-04	-1.00E-02	0.00E+00	0.00E+00	-3.67E-09	-1.22E-07	-2.28E-02	-3.61E+00	0.00E+00	0.00E+00	-3.71E+00	0.00E+00	-2.88E+00	0.00E+00	-4.93E-09	-2.95E-08	-2.45E-03	0.00E+00	-6.73E-01	0.00E+00	-2.88E+00	-4.36E-05	-2.88E+00	-4.00E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MMN313	-1.00E-02	-9.93E-02	-1.88E-03	-7.87E-02	0.00E+00	0.00E+00	-3.07E+00	-1.26E-03	-4.65E-04	-8.51E-03	0.00E+00	0.00E+00	-3.26E-09	-1.51E-07	-2.04E-02	-1.73E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.49E+00	0.00E+00	2.36E-09	-2.66E-08	-2.21E-03	0.00E+00	-3.92E-01	0.00E+00	-1.49E+00	-4.68E-05	-1.49E+00	-1.55E+00	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
MMN316	-1.20E-02	-4.40E-01	-5.26E-03	-3.06E-01	0.00E+00	0.00E+00	-3.39E+00	-1.48E-03	-2.27E-04	-1.01E-02	0.00E+00	0.00E+00	-3.70E-09	-1.31E-07	-2.28E-02	-3.63E+00	0.00E+00	0.00E+00	-3.77E+00	0.00E+00	-2.92E+00	0.00E+00	-4.94E-09	-3.00E-08	-2.48E-03	0.00E+00	-6.96E-01	0.00E+00	-2.92E+00	-4.54E-05	-2.92E+00	-3.98E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MMN320	-1.22E-02	-4.58E-01	-5.31E-03	-3.45E-01	0.00E+00	0.00E+00	-3.45E+00	-1.47E-03	-2.20E-04	-1.02E-02	0.00E+00	0.00E+00	-3.88E-09	-1.58E-07	-2.25E-02	-3.66E+00	0.00E+00	0.00E+00	-3.89E+00	0.00E+00	-3.18E+00	0.00E+00	-8.56E-09	-3.11E-08	-2.61E-03	0.00E+00	-6.93E-01	0.00E+00	-3.18E+00	-5.14E-05	-3.18E+00	-4.43E+00	-6.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MMN325	-1.90E-02	-4.57E-01	-6.64E-03	-3.45E-01	0.00E+00	0.00E+00	-4.15E+00	-1.87E-03	-5.40E-04	-1.17E-02	0.00E+00	0.00E+00	-4.22E-09	-2.50E-07	-2.18E-02	-3.63E+00	0.00E+00	0.00E+00	-4.21E+00	0.00E+00	-3.25E+00	0.00E+00	-1.01E-08	-4.62E-08	-3.84E-03	0.00E+00	-7.49E-01	0.00E+00	-3.25E+00	-6.04E-05	-3.25E+00	-4.28E+00	-7.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
MMN332	-1.90E-02	-4.52E-01	-7.00E-03	-3.35E-01	0.00E+00	0.00E+00	-3.65E+00	-1.99E-03	-5.94E-04	-1.15E-02	0.00E+00	0.00E+00	-4.55E-09	-3.10E-07	-1.32E-02	-3.58E+00	0.00E+00	0.00E+00	-3.93E+00	0.00E+00	-3.39E+00	0.00E+00	-5.20E-09	-4.05E-08	-3.92E-03	0.00E+00	-7.29E-01	0.00E+00	-3.39E+00	-6.75E-05	-3.39E+00	-4.25E+00	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MMN340	-1.78E-02	-4.58E-01	-6.48E-03	-3.45E-01	0.00E+00	0.00E+00	-3.75E+00	-1.76E-03	-6.46E-04	-1.23E-02	0.00E+00	0.00E+00	-4.21E-09	-2.59E-07	-1.50E-02	-3.69E+00	0.00E+00	0.00E+00	-3.99E+00	0.00E+00	-2.97E+00	0.00E+00	-6.20E-09	-4.55E-08	-3.78E-03	0.00E+00	-7.39E-01	0.00E+00	-2.97E+00	-6.38E-05	-2.97E+00	-3.90E+00	-7.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MMN350	-2.06E-02	-4.54E-01	-6.64E-03	-3.30E-01	0.00E+00	0.00E+00	-4.72E+00	-2.49E-03	-9.22E-04	-1.55E-02	0.00E+00	0.00E+00	-5.13E-09	-3.13E-07	-1.30E-02	-3.57E+00	0.00E+00	0.00E+00	-4.41E+00	0.00E+00	-3.08E+00	0.00E+00	-4.92E-09	-4.55E-08	-3.83E-03	0.00E+00	-7.19E-01	0.00E+00	-3.08E+00	-7.63E-05	-3.08E+00	-4.02E+00	-7.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
MMN363	-2.20E-02	-4.43E-01	-6.58E-03	-3.30E-01	0.00E+00	0.00E+00	-6.02E+00	-2.55E-03	-9.16E-04	-1.71E-02	0.00E+00	0.00E+00	-5.32E-09	-3.51E-07	-1.33E-02	-3.65E+00	0.00E+00	0.00E+00	-5.13E+00	0.00E+00	-3.50E+00	0.00E+00	-4.49E-09	-5.09E-08	-4.15E-03	0.00E+00	-7.78E-01	0.00E+00	-3.50E+00	-7.73E-05	-3.50E+00	-4.67E+00	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MMN400	-1.68E-02	-1.42E-01	-5.26E-03	-4.09E-02	0.00E+00	0.00E+00	-4.59E+00	-1.64E-03	-1.68E-04	-8.60E-03	0.00E+00	0.00E+00	-3.78E-09	-1.62E-07	-7.31E-03	-2.28E+00	0.00E+00	0.00E+00	-4.58E+00	0.00E+00	-2.44E+00	0.00E+00	-7.32E-09	-4.70E-08	-3.10E-03	0.00E+00	-6.46E-01	0.00E+00	-2.44E+00	-4.89E-05	-2.44E+00	-2.98E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MMN401	-1.57E-02	-1.42E-01	-5.19E-03	-3.64E-02	0.00E+00	0.00E+00	-4.50E+00	-1.49E-03	-3.31E-04	-8.39E-03	0.00E+00	0.00E+00	-3.76E-09	-1.63E-07	-7.31E-03	-2.21E+00	0.00E+00	0.00E+00	-4.55E+00	0.00E+00	-2.21E+00	0.00E+00	-5.95E-09	-4.65E-08	-3.03E-03	0.00E+00	-6.23E-01	0.00E+00	-2.21E+00	-4.87E-05	-2.21E+00	-2.74E+00	-6.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MMN402	-1.55E-02	-1.10E-01	-5.12E-03	-3.49E-02	0.00E+00	0.00E+00	-2.75E+00	-1.48E-03	-1.39E-04	-7.80E-03	0.00E+00	0.00E+00	-3.64E-09	-1.44E-07	-6.35E-03	-1.99E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-1.84E+00	0.00E+00	-2.88E-09	-4.53E-08	-2.96E-03	0.00E+00	-5.41E-01	0.00E+00	-1.84E+00	-4.80E-05	-1.84E+00	-2.08E+00	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
MMN403	-1.57E-02	-1.04E-01	-5.14E-03	-3.44E-02	0.00E+00	0.00E+00	-2.79E+00	-1.50E-03	-1.49E-04	-8.15E-03	0.00E+00	0.00E+00	-3.66E-09	-1.49E-07	-6.08E-03	-2.02E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-1.85E+00	0.00E+00	-1.64E-09	-4.48E-08	-2.88E-03	0.00E+00	-5.40E-01	0.00E+00	-1.85E+00	-4.88E-05	-1.85E+00	-2.05E+00	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02

MMN404	-9.31E-03	-2.30E-01	-6.88E-04	-1.72E-01	0.00E+00	0.00E+00	-1.94E+00	-9.71E-04	-3.17E-04	-6.28E-03	0.00E+00	0.00E+00	-3.37E-09	-1.21E-07	-1.56E-02	-2.65E+00	0.00E+00	0.00E+00	-3.13E+00	0.00E+00	-1.40E+00	0.00E+00	4.68E-09	-3.60E-08	-2.76E-03	0.00E+00	-5.94E-01	0.00E+00	-1.40E+00	-2.63E-05	-1.40E+00	-1.33E+00	-5.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
MMN406	-1.67E-02	-2.00E-01	-5.14E-03	-5.31E-02	0.00E+00	0.00E+00	-4.81E+00	-1.68E-03	-3.30E-04	-9.98E-03	0.00E+00	0.00E+00	-3.94E-09	-1.68E-07	-7.64E-03	-3.58E+00	0.00E+00	0.00E+00	-4.89E+00	0.00E+00	-2.67E+00	0.00E+00	-7.61E-09	-4.61E-08	-3.03E-03	0.00E+00	-7.79E-01	0.00E+00	-2.67E+00	-4.97E-05	-2.67E+00	-3.04E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MMN410	-1.67E-02	-2.00E-01	-5.14E-03	-5.23E-02	0.00E+00	0.00E+00	-4.84E+00	-1.68E-03	-3.30E-04	-9.96E-03	0.00E+00	0.00E+00	-3.94E-09	-1.68E-07	-7.84E-03	-3.55E+00	0.00E+00	0.00E+00	-4.89E+00	0.00E+00	-2.69E+00	0.00E+00	-7.68E-09	-4.61E-08	-3.03E-03	0.00E+00	-7.77E-01	0.00E+00	-2.69E+00	-4.97E-05	-2.69E+00	-3.06E+00	-7.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MMN413	-1.67E-02	-2.00E-01	-5.14E-03	-5.30E-02	0.00E+00	0.00E+00	-4.85E+00	-1.69E-03	-3.30E-04	-1.00E-02	0.00E+00	0.00E+00	-3.94E-09	-1.68E-07	-7.69E-03	-3.56E+00	0.00E+00	0.00E+00	-4.89E+00	0.00E+00	-2.69E+00	0.00E+00	-7.61E-09	-4.61E-08	-3.03E-03	0.00E+00	-7.79E-01	0.00E+00	-2.69E+00	-4.98E-05	-2.69E+00	-3.06E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MMN416	-1.60E-02	-2.01E-01	-5.19E-03	-5.14E-02	0.00E+00	0.00E+00	-4.66E+00	-1.49E-03	-3.90E-04	-9.09E-03	0.00E+00	0.00E+00	-3.81E-09	-1.80E-07	-6.29E-03	-2.46E+00	0.00E+00	0.00E+00	-4.58E+00	0.00E+00	-2.31E+00	0.00E+00	-6.26E-09	-4.69E-08	-3.02E-03	0.00E+00	-6.40E-01	0.00E+00	-2.31E+00	-5.17E-05	-2.31E+00	-2.68E+00	-6.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MMN420	-1.81E-02	-2.50E-01	-5.17E-03	-9.29E-02	0.00E+00	0.00E+00	-5.19E+00	-1.86E-03	-3.24E-04	-1.14E-02	0.00E+00	0.00E+00	-4.00E-09	-1.98E-07	-7.09E-03	-2.71E+00	0.00E+00	0.00E+00	-5.07E+00	0.00E+00	-2.91E+00	0.00E+00	-8.28E-09	-4.97E-08	-3.31E-03	0.00E+00	-7.21E-01	0.00E+00	-2.91E+00	-6.00E-05	-2.91E+00	-3.19E+00	-7.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
MMN425	-2.27E-02	-2.46E-01	-6.75E-03	-7.40E-02	0.00E+00	0.00E+00	-5.57E+00	-2.24E-03	-5.39E-04	-1.34E-02	0.00E+00	0.00E+00	-4.16E-09	-2.62E-07	-7.56E-03	-2.74E+00	0.00E+00	0.00E+00	-5.32E+00	0.00E+00	-2.84E+00	0.00E+00	-6.90E-09	-6.68E-08	-4.88E-03	0.00E+00	-7.62E-01	0.00E+00	-2.84E+00	-7.10E-05	-2.84E+00	-3.20E+00	-7.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
MMN432	-2.82E-02	-2.10E-01	-6.14E-03	-7.98E-02	0.00E+00	0.00E+00	-5.70E+00	-2.81E-03	1.12E-03	-1.52E-02	0.00E+00	0.00E+00	-5.12E-09	-3.09E-07	-4.61E-03	-3.96E+00	0.00E+00	0.00E+00	-5.89E+00	0.00E+00	-2.88E+00	0.00E+00	-8.03E-09	-6.80E-08	-5.07E-03	0.00E+00	-9.97E-01	0.00E+00	-2.88E+00	-6.11E-05	-2.88E+00	-3.68E+00	-9.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
MMN440	-2.61E-02	-1.74E-01	-5.41E-03	-8.12E-02	0.00E+00	0.00E+00	-5.69E+00	-2.51E-03	7.60E-04	-1.24E-02	0.00E+00	0.00E+00	-4.27E-09	-2.43E-07	-5.01E-03	-2.51E+00	0.00E+00	0.00E+00	-5.26E+00	0.00E+00	-2.64E+00	0.00E+00	-8.54E-09	-6.71E-08	-4.75E-03	0.00E+00	-8.04E-01	0.00E+00	-2.64E+00	-6.59E-05	-2.64E+00	-3.11E+00	-8.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+02
MMN450	-3.37E-02	-1.89E-01	-6.40E-03	-1.28E-01	0.00E+00	0.00E+00	-7.71E+00	-3.68E-03	1.16E-03	-1.87E-02	0.00E+00	0.00E+00	-6.93E-09	-2.75E-07	-5.99E-03	-4.01E+00	0.00E+00	0.00E+00	-7.65E+00	0.00E+00	-3.14E+00	0.00E+00	-8.47E-09	-6.94E-08	-5.25E-03	0.00E+00	-1.13E+00	0.00E+00	-3.14E+00	-6.75E-05	-3.14E+00	-3.84E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-3.11E+02
MMN463	-3.25E-02	-1.62E-01	-6.26E-03	-1.43E-01	0.00E+00	0.00E+00	-8.52E+00	-3.82E-03	8.18E-04	-1.90E-02	0.00E+00	0.00E+00	-7.14E-09	-3.32E-07	-5.73E-03	-3.21E+00	0.00E+00	0.00E+00	-7.42E+00	0.00E+00	-3.55E+00	0.00E+00	-8.34E-09	-7.08E-08	-5.17E-03	0.00E+00	-1.09E+00	0.00E+00	-3.55E+00	-6.87E-05	-3.55E+00	-4.14E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+02
MN110P	-2.89E-03	-5.22E-03	3.16E-04	-7.87E-03	0.00E+00	0.00E+00	-8.94E-01	-2.98E-04	1.37E-05	-1.77E-03	0.00E+00	0.00E+00	-1.04E-09	-3.15E-08	-1.30E-03	-7.02E-01	0.00E+00	0.00E+00	-7.89E-01	0.00E+00	-1.59E-01	0.00E+00	1.15E-09	-7.11E-09	-6.93E-04	0.00E+00	-1.05E-01	0.00E+00	-1.59E-01	-7.02E-06	-1.59E-01	-4.55E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.69E+01
MN110V3	-3.13E-03	-5.46E-03	1.41E-03	2.43E-02	0.00E+00	0.00E+00	-2.74E-01	-2.73E-04	1.04E-04	-1.37E-03	0.00E+00	0.00E+00	-6.52E-10	-3.54E-08	1.22E-03	-3.78E-01	0.00E+00	0.00E+00	-4.08E-01	0.00E+00	8.43E-03	0.00E+00	3.58E-09	-4.62E-09	-2.92E-04	0.00E+00	-5.65E-02	0.00E+00	8.43E-03	-5.69E-06	8.43E-03	-1.73E-01	-5.65E-02	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
MN116P	-3.64E-03	-7.74E-03	1.77E-04	-1.14E-02	0.00E+00	0.00E+00	-1.30E+00	-5.83E-04	-7.34E-06	-2.31E-03	0.00E+00	0.00E+00	-1.31E-09	-4.14E-08	-3.28E-03	-7.87E-01	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-2.95E-01	0.00E+00	9.52E-10	-1.04E-08	-1.20E-03	0.00E+00	-1.30E-01	0.00E+00	-2.95E-01	-1.56E-05	-2.95E-01	-6.05E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
MN116V3	-3.12E-03	-2.84E-03	1.53E-03	2.74E-02	0.00E+00	0.00E+00	-2.94E-01	-2.71E-04	1.04E-04	-1.21E-03	0.00E+00	0.00E+00	-6.36E-10	-3.20E-08	1.59E-03	-3.63E-01	0.00E+00	0.00E+00	-4.22E-01	0.00E+00	2.99E-02	0.00E+00	3.63E-09	-4.82E-09	-2.76E-04	0.00E+00	-4.65E-02	0.00E+00	2.99E-02	-5.99E-06	2.99E-02	-1.51E-01	-4.65E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
MN120P	-3.84E-03	-7.52E-03	1.68E-04	-1.07E-02	0.00E+00	0.00E+00	-1.30E+00	-6.27E-04	-7.34E-06	-2.28E-03	0.00E+00	0.00E+00	-1.30E-09	-5.27E-08	-3.12E-03	-9.71E-01	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-2.95E-01	0.00E+00	9.79E-10	-1.07E-08	-1.25E-03	0.00E+00	-1.44E-01	0.00E+00	-2.95E-01	-1.68E-05	-2.95E-01	-6.11E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-6.55E+01
MN120V	-1.68E-03	2.23E-02	1.86E-03	3.02E-02	0.00E+00	0.00E+00	8.72E-02	-1.60E-04	1.29E-04	-7.60E-04	0.00E+00	0.00E+00	-3.79E-10	-1.81E-08	-1.18E-03	-3.36E-01	0.00E+00	0.00E+00	-1.26E-01	0.00E+00	2.82E-01	0.00E+00	3.05E-09	-3.68E-09	-2.11E-04	0.00E+00	-1.10E-01	0.00E+00	2.82E-01	-4.60E-06	2.82E-01	2.07E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+00
MN120V1	-3.31E-03	-3.17E-03	1.37E-03	2.72E-02	0.00E+00	0.00E+00	-2.99E-01	-3.35E-04	1.04E-04	-1.45E-03	0.00E+00	0.00E+00	-7.14E-10	-4.14E-08	1.46E-03	-6.17E-01	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-3.00E-02	0.00E+00	3.17E-09	-5.33E-09	-3.83E-04	0.00E+00	-7.46E-02	0.00E+00	-3.00E-02	-9.95E-06	-3.00E-02	-1.69E-01	-7.46E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MN125P	-4.41E-03	-1.29E-02	3.53E-04	-1.51E-02	0.00E+00	0.00E+00	-1.37E+00	-7.19E-04	7.74E-05	-2.91E-03	0.00E+00	0.00E+00	-1.38E-09	-6.17E-08	-3.28E-03	-9.76E-01	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	-4.34E-01	0.00E+00	8.68E-10	-1.39E-08	-1.40E-03	0.00E+00	-1.60E-01	0.00E+00	-4.34E-01	-1.57E-05	-4.34E-01	-7.83E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.89E+01
MN125V1	-3.32E-03	-2.35E-03	1.53E-03	2.77E-02	0.00E+00	0.00E+00	-2.94E-01	-3.62E-04	1.04E-04	-1.52E-03	0.00E+00	0.00E+00	-7.15E-10	-3.86E-08	1.55E-03	-6.00E-01	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	7.11E-02	0.00E+00	3.81E-09	-5.36E-09	-3.84E-04	0.00E+00	-7.39E-02	0.00E+00	7.11E-02	-1.00E-05	7.11E-02	-1.57E-01	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
MN132P	-5.28E-03	-1.42E-02	2.86E-04	-2.04E-02	0.00E+00	0.00E+00	-1.45E+00	-7.60E-04	4.88E-05	-3.44E-03	0.00E+00	0.00E+00	-1.44E-09	-8.09E-08	-3.28E-03	-1.01E+00	0.00E+00	0.00E+00	-1.58E+00	0.00E+00	-4.85E-01	0.00E+00	6.36E-10	-1.55E-08	-1.48E-03	0.00E+00	-2.11E-01	0.00E+00	-4.85E-01	-1.76E-05	-4.85E-01	-8.32E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.29E+01
MN132Z	-9.48E-03	2.71E-03	4.42E-04	2.02E-02	0.00E+00	0.00E+00	-1.91E+00	-1.08E-03	-8.32E-05	-5.25E-03	0.00E+00	0.00E+00	-1.19E-09	-1.37E-07	-1.29E-03	-9.24E-01	0.00E+00	0.00E+00	-1.75E+00	0.00E+00	-1.65E-01	0.00E+00	2.31E-09	-1.69E-08	-1.34E-03	0.00E+00	-1.65E-01	0.00E+00	-1.65E-01	-3.08E-05	-1.65E-01	-4.56E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-7.75E+01
MN140P	-6.05E-03	-1.32E-02	4.11E-04	-1.53E-02	0.00E+00	0.00E+00	-1.50E+00	-8.04E-04	2.96E-05	-3.54E-03	0.00E+00	0.00E+00	-1.44E-09	-9.16E-08	-3.29E-03	-1.00E+00	0.00E+00	0.00E+00	-1.58E+00	0.00E+00	-4.41E-01	0.00E+00	9.84E-10	-1.62E-08	-1.50E-03	0.00E+00	-2.10E-01	0.00E+00	-4.41E-01	-1.69E-05	-4.41E-01	-8.20E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MN140Z	-9.10E-03	5.27E-03	7.31E-04	2.09E-02	0.00E+00	0.00E+00	-1.83E+00	-1.01E-03	-3.55E-05	-4.90E-03	0.00E+00	0.00E+00	-1.19E-09	-1.25E-07	-1.08E-03	-8.89E-01	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-2.14E-01	0.00E+00	2.46E-09	-1.57E-08	-1.27E-03	0.00E+00	-1.53E-01	0.00E+00	-2.14E-01	-2.90E-05	-2.14E-01	-4.82E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-7.34E+01
MN150Z	-7.81E-03	-1.94E-01	5.37E-04	-9.14E-02	0.00E+00	0.00E+00	-8.53E-01	-7.88E-04	6.72E-04	-4.40E-03	0.00E+00	0.00E+00	-1.01E-09	-9.53E-08	-2.75E-03	-1.67E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-7.84E-01	0.00E+00	-5.05E-09	-1.56E-08	-7.80E-04	0.00E+00	-2.36E-01	0.00E+00	-7.84E-01	-1.85E-05	-7.84E-01	-1.05E+00	-2.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.60E+01
MN163Z	-8.10E-03	-1.96E-01	4.17E-04	-8.30E-02	0.00E+00	0.00E+00	-8.60E-01	-7.33E-04	8.06E-04	-3.99E-03	0.00E+00	0.00E+00	-9.74E-10	-7.03E-08	-3.01E-03	-1.40E+00	0.00E+00	0.00E+00	-7.93E-01	0.00E+00	-7.72E-01	0.00E+00	-5.04E-09	-1.55E-08	-7.07E-04	0.00E+00	-2.21E-01	0.00E+00	-7.72E-01	-1.79E-05	-7.72E-01	-1.13E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MN206V	-2.94E-03	-7.80E-03	3.37E-03	-6.90E-03	0.00E+00	0.00E+00	-1.62E-01	-2.55E-04	1.32E-04	-1.58E-03	0.00E+00	0.00E+00	-1.11E-09	-3.30E-08	-4.91E-03	-7.02E-01	0.00E+00	0.00E+00	-6.47E-01	0.00E+00	9.92E-02	0.00E+00	4.94E-09	-8.96E-09	-5.35E-04	0.00E+00	-1.40E-01	0.00E+00	9.92E-02	-1.16E-05	9.92E-02	-2.40E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
MN210V	-6.20E-03	-3.33E-01	-3.63E-03	-3.30E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.15E-04	-5.14E-03	0.00E+00	0.00E+00	-2.34E-09	-6.50E-08	-1.22E-02	-7.23E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-2.60E+00	0.00E+00	-1.19E-08	-2.90E-08	-1.81E-03	0.00E+00	-1.24E+00	0.00E+00	-2.60E+00	-1.78E-05	-2.60E+00	-3.84E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MN210V33	-4.21E-03	1.50E-01	4.90E-03	1.45E-01	0.00E+00	0.00E+00	2.61E-01	-5.00E-04	-5.97E-05	-1.01E-03	0.00E+00	0.00E+00	-3.52E-10	-5.55E-08	9.77E-03	-3.29E-01	0.00E+00	0.00E+00	2.42E-01	0.00E+00	2.12E+00	0.00E+00	1.73E-08	-4.06E-10	-2.88E-04	0.00E+00	7.10E-02	0.00E+00	2.12E+00	-1.37E-05	2.12E+00	2.19E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MN216V	-6.19E-03	-3.32E-01	-3.59E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.23E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.82E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN216V33	-4.28E-03	1.37E-01	4.73E-03	1.33E-01	0.00E+00	0.00E+00	2.48E-01	-5.00E-04	-6.91E-05	-1.11E-03	0.00E+00	0.00E+00	-3.61E-10	-5.57E-08	1.57E-03	-3.64E-01	0.00E+00	0.00E+00	9.36E-02	0.00E+00	1.97E+00	0.00E+00	1.70E-08	-1.18E-09	-3.18E-04	0.00E+00	1.56E-02	0.00E+00	1.97E+00	-1.37E-05	1.97E+00	1.99E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+00
MN220V	-6.95E-03	-3.38E-01	-3.77E-03	-3.34E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.55E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.23E-02	-7.29E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.65E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.92E-03	0.00E+00	-1.25E+00	0.00E+00	-2.65E+00	-2.00E-05	-2.65E+00	-3.90E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN220V33	-4.79E-04	-2.53E-01	-7.72E-04	-2.53E-01	0.00E+00	0.00E+00	-3.63E-01	-5.78E-05	2.09E-04	-1.90E-03	0.00E+00	0.00E+00	-1.56E-09	-1.75E-09	-1.66E-03	-6.39E+00	0.00E+00	0.00E+00	-9.22E-01	0.00E+00	-1.68E+00	0.00E+00	-6.94E-09	-1.67E-08	-8.61E-04	0.00E+00	-9.91E-01	0.00E+00	-1.68E+00	-3.08E-06	-1.68E+00	-2.67E+00	-9.91E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
MN225V	2.53E-04	-1.24E-01	1.37E-03	-1.25E-01	0.00E+00	0.00E+00	1.88E-01	-5.06E-05	6.30E-04	-1.21E-03	0.00E+00	0.00E+00	-1.45E-09	3.47E-09	1.66E-03	-5.49E-01	0.00E+00	0.00E+00	-6.17E-01	0.00E+00	-9.14E-01	0.00E+00	-1.40E-09	-1.06E-08	-6.16E-04	0.00E+00	-1.06E-01	0.00E+00	-9.14E-01	-2.94E-06	-9.14E-01	-1.02E+00	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
MN225V1	-1.19E-02	-3.47E-02	-2.10E-03	-3.26E-02	0.00E+00	0.00E+00	-2.91E+00	-1.20E-03	-5.02E-04	-6.42E-03	0.00E+00	0.00E+00	-2.94E-09	-1.38E-07	-5.55E-05	-1.10E+00	0.00E+00	0.00E+00	-3.10E+00	0.00E+00	-1.66E+00	0.00E+00	-3.50E-09	-3.10E-08	-2.23E-03	0.00E+00	-2.92E-01	0.00E+00	-1.66E+00	-3.60E-05	-1.66E+00	-1.95E+00	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MN225Z	-3.19E-03	-1.56E-02	3.57E-03	-2.16E-02	0.00E+00	0.00E+00	-4.00E-01	-2.94E-04	2.96E-04	-2.04E-03	0.00E+00	0.00E+00	-1.47E-09	-2.19E-08	-2.44E-03	-7.32E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-1.75E-01	0.00E+00	5.34E-09	-1.39E-08	-7.30E-04	0.00E+00	-1.39E-01	0.00E+00	-1.75E-01	-1.20E-05	-1.75E-01	-4.62E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.45E+01
MN232V	2.26E-03	4.84E-02	6.83E-03	4.16E-02	0.00E+00	0.00E+00	1.44E+00	-1.21E-05	1.66E-03	6.19E-04	0.00E+00	0.00E+00	-2.99E-10	1.79E-08	7.75E-03	-5.25E-01	0.00E+00	0.00E+00	7.62E-01	0.00E+00	1.23E+00	0.00E+00	1.14E-08	2.81E-09	1.82E-04	0.00E+00	3.15E-02	0.00E+00	1.23E+00	-9.15E-07	1.23E+00	1.26E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MN232V1	-4.44E-04	2.58E-01	7.03E-03	2.51E-01	0.00E+00	0.00E+00	7.61E-01	-2.97E-04	1.49E-03	7.43E-04	0.00E+00	0.00E+00	-6.42E-10	-1.77E-08	9.13E-03	-1.06E-01	0.00E+00	0.00E+00	2.46E-01	0.00E+00	1.49E+00	0.00E+00	1.56E-08	2.50E-10	1.00E-04	0.00E+00	8.29E-02	0.00E+00	1.49E+00	-1.11E-05	1.49E+00	1.57E+00	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MN232Z	-5.83E-03	1.25E-02	1.23E-03	1.24E-02	0.00E+00	0.00E+00	-1.76E+00	-9.89E-04	3.98E-04	-4.03E-03	0.00E+00	0.00E+00	-1.92E-09	-8.16E-08	-2.47E-03	-1.39E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-2.22E-01	0.00E+00	3.72E-09	-2.00E-08	-1.62E-03	0.00E+00	-2.79E-01	0.00E+00	-2.22E-01	-2.96E-05	-2.22E-01	-5.10E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-7.74E+01
MN240V	2.56E-03	1.06E-01	8.88E-03	9.69E-02	0.00E+00	0.00E+00	1.99E+00	3.82E-06	1.72E-03	1.24E-03	0.00E+00	0.00E+00	3.68E-10	2.02E-08	-8.32E-03	-4.33E-01	0.00E+00	0.00E+00	1.36E+00	0.00E+00	1.91E+00	0.00E+00	1.64E-08	7.31E-09	4.54E-04	0.00E+00	1.93E-02	0.00E+00	1.91E+00	3.62E-07	1.91E+00	1.93E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MN240V1	-2.58E-02	-2.99E-01	-5.36E-03	-2.94E-01	0.00E+00	0.00E+00	-6.14E+00	-2.55E-03	-1.20E-03	-1.53E-02	0.00E+00	0.00E+00	-3.98E-09	-2.97E-07	-2.30E-02	-3.22E+00	0.00E+00	0.00E+00	-5.45E+00	0.00E+00	-2.96E+00	0.00E+00	-1.27E-08	-5.61E-08	-4.55E-03	0.00E+00	-7.70E-01	0.00E+00	-2.96E+00	-7.64E-05	-2.96E+00	-3.73E+00	-7.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MN250Z	-9.31E-03	-2.16E-01	4.58E-04	-1.01E-01	0.00E+00	0.00E+00	-9.13E-01	-1.03E-03	1.02E-03	-5.60E-03	0.00E+00	0.00E+00	-1.98E-09	-8.34E-08	-8.84E-03	-1.89E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-7.67E-01	0.00E+00	-3.29E-09	-2.97E-08	-1.19E-03	0.00E+00	-3.55E-01	0.00E+00	-7.67E-01	-2.78E-05	-7.67E-01	-1.17E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
MN263Z	-2.32E-02	-2.21E-01	-1.61E-03	-5.91E-02	0.00E+00	0.00E+00	-1.26E+00	-1.32E-03	1.08E-03	-1.26E-02	0.00E+00	0.00E+00	-2.98E-09	-8.86E-08	-6.80E-03	-1.84E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-7.19E-01	0.00E+00	-2.87E-09	-4.56E-08	-2.22E-03	0.00E+00	-3.91E-01	0.00E+00	-7.19E-01	-4.14E-05	-7.19E-01	-1.23E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-6.19E+01
MN306Z	-4.58E-03	-2.99E-02	4.16E-03	1.59E-02	0.00E+00	0.00E+00	-1.86E-01	-4.74E-04	1.28E-04	-3.60E-03	0.00E+00	0.00E+00	-1.40E-09	-6.54E-08	-1.55E-03	-1.34E+00	0.00E+00	0.00E+00	-8.26E-01	0.00E+00	3.70E-01	0.00E+00	6.15E-09	-1.25E-08	-9.37E-04	0.00E+00	-2.24E-01	0.00E+00	3.70E-01	-1.51E-05	3.70E-01	9.77E-02	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
MN310Z	-3.37E-03	-4.21E-02	3.51E-03	3.32E-03	0.00E+00	0.00E+00	-4.35E-01	-3.68E-04	2.22E-04	-3.32E-03	0.00E+00	0.00E+00	-1.76E-09	-5.08E-08	-6.61E-03	-1.39E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	4.66E-01	0.00E+00	6.52E-09	-1.65E-08	-9.89E-04	0.00E+00	-2.62E-01	0.00E+00	4.66E-01	-1.37E-05	4.66E-01	9.23E-02	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
MN320Z	-1.09E-02	-6.06E-02	2.65E-03	-2.65E-02	0.00E+00	0.00E+00	-6.79E-01	-9.99E-04	-3.19E-05	-5.75E-03	0.00E+00	0.00E+00	-2.19E-09	-1.20E-07	-4.09E-03	-1.51E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	4.88E-02	0.00E+00	4.26E-09	-2.43E-08	-1.06E-03	0.00E+00	-2.92E-01	0.00E+00	4.88E-02	-2.39E-05	4.88E-02	-2.94E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.83E+01
MN332Z	-1.46E-02	-9.39E-02	-2.06E-03	5.47E-02	0.00E+00	0.00E+00	-3.17E+00	-2.82E-03	-6.44E-04	-1.49E-02	0.00E+00	0.00E+00	-4.64E-09	-1.74E-07	-1.09E-02	-1.65E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-4.80E-01	0.00E+00	-8.02E-09	-6.51E-08	-4.95E-03	0.00E+00	-7.73E-01	0.00E+00	-4.80E-01	-8.14E-05	-4.80E-01	-8.67E-01	-7.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MN340Z	-2.74E-02	-2.45E-01	-3.51E-03	-2.41E-01	0.00E+00	0.00E+00	-6.18E+00	-2.95E-03	-1.06E-03	-1.85E-02	0.00E+00	0.00E+00	-4.89E-09	-3.16E-07	-1.14E-02	-2.05E+00	0.00E+00	0.00E+00	-6.18E+00	0.00E+00	-1.87E+00	0.00E+00	-3.33E-09	-6.51E-08	-5.69E-03	0.00E+00	-6.90E-01	0.00E+00	-1.87E+00	-8.71E-05	-1.87E+00	-2.51E+00	-6.90E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
MN363Z	-4.66E-02	-2.89E-01	-7.04E-03	-1.89E-01	0.00E+00	0.00E+00	-8.86E+00	-4.50E-03	-1.88E-03	-2.47E-02	0.00E+00	0.00E+00	-6.28E-09	-5.26E-07	-9.34E-03	-3.26E+00	0.00E+00	0.00E+00	-7.60E+00	0.00E+00	-3.09E+00	0.00E+00	-8.60E-09	-9.26E-08	-6.92E-03	0.00E+00	-8.85E-01	0.00E+00	-3.09E+00	-1.27E-04	-3.09E+00	-4.50E+00	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+02
MN463Z	-5.88E-02	-2.68E-01	-6.71E-03	-2.10E-01	0.00E+00	0.00E+00	-1.28E+01	-5.71E-03	-2.47E-03	-3.36E-02	0.00E+00	0.00E+00	-8.55E-09	-6.89E-07	-7.92E-03	-5.52E+00	0.00E+00	0.00E+00	-1.06E+01	0.00E+00	-3.90E+00	0.00E+00	-8.43E-09	-1.14E-07	-9.32E-03	0.00E+00	-1.16E+00	0.00E+00	-3.90E+00	-1.73E-04	-3.90E+00	-5.30E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-4.61E+02
MN506V	-2.05E-03	1.28E-02	3.62E-03	8.83E-03	0.00E+00	0.00E+00	2.88E-03	-2.44E-04	2.19E-04	-1.03E-03	0.00E+00	0.00E+00	-1.10E-09	-3.24E-08	-5.48E-03	-6.69E-01	0.00E+00	0.00E+00	-4.93E-01	0.00E+00	2.18E-01	0.00E+00	6.21E-09	-7.99E-09	-3.84E-04	0.00E+00	-1.24E-01	0.00E+00	2.18E-01	-7.72E-06	2.18E-01	-1.20E-02	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
MN510V	-6.20E-03	-3.34E-01	-3.63E-03	-3.30E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.15E-04	-5.14E-03	0.00E+00	0.00E+00	-2.35E-09	-6.50E-08	-1.22E-02	-7.27E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-2.60E+00	0.00E+00	-1.19E-08	-2.90E-08	-1.81E-03	0.00E+00	-1.24E+00	0.00E+00	-2.60E+00	-1.78E-05	-2.60E+00	-3.84E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MN510V7	8.24E-04	1.73E-02	5.29E-03	1.20E-02	0.00E+00	0.00E+00	1.43E+00	2.60E-06	3.95E-04	8.08E-04	0.00E+00	0.00E+00	2.50E-10	6.14E-09	7.53E-03	-5.89E+00	0.00E+00	0.00E+00	1.03E+00	0.00E+00	1.50E+00	0.00E+00	1.11E-08	2.52E-09	2.53E-04	0.00E+00	-7.26E-01	0.00E+00	1.50E+00	3.71E-07	1.50E+00	7.72E-01	-7.26E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+01
MN516V	-6.19E-03	-3.33E-01	-3.60E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.26E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.83E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN516V33	-6.20E-03	-3.33E-01	-3.60E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.27E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.83E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN520V	-6.95E-03	-3.39E-01	-3.77E-03	-3.35E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.55E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.24E-02	-7.33E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.65E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.92E-03	0.00E+00	-1.26E+00	0.00E+00	-2.65E+00	-2.00E-05	-2.65E+00	-3.91E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN520V7	-6.95E-03	-3.39E-01	-3.77E-03	-3.35E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.56E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.24E-02	-7.33E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.66E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.93E-03	0.00E+00	-1.26E+00	0.00E+00	-2.66E+00	-2.00E-05	-2.66E+00	-3.91E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN525V	-1.30E-03	-1.64E-01	2.59E-04	-1.64E-01	0.00E+00	0.00E+00	-4.69E-01	-1.97E-04	5.43E-04	-2.31E-03	0.00E+00	0.00E+00	-1.63E-09	-1.41E-08	-3.28E-04	-8.16E-01	0.00E+00	0.00E+00	-9.44E-01	0.00E+00	-1.41E+00	0.00E+00	-4.86E-09	-1.48E-08	-9.43E-04	0.00E+00	-1.67E-01	0.00E+00	-1.41E+00	-8.12E-06	-1.41E+00	-1.58E+00	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
MN525V1	-1.28E-02	-6.02E-02	6.93E-04	-6.09E-02	0.00E+00	0.00E+00	-2.02E+00	-1.29E-03	-5.30E-04	-6.85E-03	0.00E+00	0.00E+00	-1.52E-09	-1.49E-07	-1.49E-02	-1.95E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-1.41E-01	0.00E+00	3.15E-09	-2.25E-08	-1.95E-03	0.00E+00	-3.99E-01	0.00E+00	-1.41E-01	-3.82E-05	-1.41E-01	-5.40E-01	-3.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MN532V	-2.50E-02	-1.32E-01	-2.04E-03	-1.30E-01	0.00E+00	0.00E+00	-5.15E+00	-2.52E-03	-1.06E-03	-1.36E-02	0.00E+00	0.00E+00	-3.07E-09	-2.93E-07	8.51E-04	-2.96E+00	0.00E+00	0.00E+00	-4.28E+00	0.00E+00	-9.32E-01	0.00E+00	-2.36E-09	-4.42E-08	-3.88E-03	0.00E+00	-5.32E-01	0.00E+00	-9.32E-01	-7.47E-05	-9.32E-01	-1.46E+00	-5.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MN532V1	1.72E-03	-6.21E-02	5.04E-03	-6.71E-02	0.00E+00	0.00E+00	8.87E-01	-3.24E-05	1.57E-03	-4.25E-04	0.00E+00	0.00E+00	-7.44E-10	1.51E-08	-1.40E-02	-9.73E-01	0.00E+00	0.00E+00	1.22E-01	0.00E+00	-5.69E-02	0.00E+00	5.12E-09	-4.63E-09	-2.27E-04	0.00E+00	-1.82E-01	0.00E+00	-5.69E-02	-1.74E-06	-5.69E-02	-2.39E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+00
MN540V	-2.20E-02	-1.29E-01	-1.22E-03	-1.27E-01	0.00E+00	0.00E+00	-4.37E+00	-2.23E-03	-7.54E-04	-1.21E-02	0.00E+00	0.00E+00	-2.78E-09	-2.57E-07	-1.69E-02	-2.67E+00	0.00E+00	0.00E+00	-4.06E+00	0.00E+00	-9.12E-01	0.00E+00	-4.84E-10	-4.00E-08	-3.45E-03	0.00E+00	-5.83E-01	0.00E+00	-9.12E-01	-6.45E-05	-9.12E-01	-1.50E+00	-5.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MN540V1	-9.20E-04	1.28E-02	5.44E-03	7.33E-03	0.00E+00	0.00E+00	6.22E-01	-2.97E-04	1.33E-03	-1.17E-03	0.00E+00	0.00E+00	-6.82E-10	-1.81E-08	6.40E-03	-8.33E-01	0.00E+00	0.00E+00	1.00E-01	0.00E+00	8.18E-01	0.00E+00	8.71E-09	-3.46E-09	-3.36E-04	0.00E+00	-4.57E-02	0.00E+00	8.18E-01	-1.12E-05	8.18E-01	7.72E-01	-4.57E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+00
MN906V	-1.56E-03	6.26E-03	1.55E-03	8.63E-03	0.00E+00	0.00E+00	-4.05E-01	-2.17E-04	1.04E-04	-1.11E-03	0.00E+00	0.00E+00	-5.40E-10	-1.76E-08	-8.37E-04	-3.49E-01	0.00E+00	0.00E+00	-4.49E-01	0.00E+00	-3.92E-02	0.00E+00	1.85E-09	-4.23E-09	-6.16E-04	0.00E+00	-5.91E-02	0.00E+00	-3.92E-02	-7.38E-06	-3.92E-02	-1.67E-01	-5.91E-02	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
MN910V	-4.92E-03	-1.96E-02	3.25E-04	-1.99E-02	0.00E+00	0.00E+00	-7.74E-01	-5.01E-04	-2.03E-04	-2.63E-03	0.00E+00	0.00E+00	-7.33E-10	-5.76E-08	1.60E-03	-6.16E-01	0.00E+00	0.00E+00	-8.12E-01	0.00E+00	-3.09E-02	0.00E+00	1.29E-09	-9.07E-09	-7.84E-04	0.00E+00	-9.75E-02	0.00E+00	-3.09E-02	-1.49E-05	-3.09E-02	-1.28E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MN916V	8.93E-04	1.54E-01	3.93E-03	1.50E-01	0.00E+00	0.00E+00	8.77E-01	1.63E-06	4.54E-04	1.34E-03	0.00E+00	0.00E+00	1.66E-10	5.31E-09	5.54E-03	2.45E-01	0.00E+00	0.00E+00	6.94E-01	0.00E+00	1.18E+00	0.00E+00	9.59E-09	4.84E-09	3.60E-04	0.00E+00	1.22E-01	0.00E+00	1.18E+00	2.27E-07	1.18E+00	1.30E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MN920V	3.08E-04	7.26E-02	2.62E-03	7.00E-02	0.00E+00	0.00E+00	2.37E-01	-7.82E-05	6.98E-04	2.33E-04	0.00E+00	0.00E+00	-4.48E-10	-1.03E-09	2.75E-03	9.60E-02	0.00E+00	0.00E+00	7.51E-02	0.00E+00	2.25E-01	0.00E+00	4.32E-09	-1.60E-09	-4.04E-05	0.00E+00	4.59E-02	0.00E+00	2.25E-01	-3.07E-06	2.25E-01	2.70E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MN925V	2.83E-04	-2.32E-02	2.08E-03	-2.53E-02	0.00E+00	0.00E+00	2.18E-01	-7.67E-05	7.71E-04	-4.91E-04	0.00E+00	0.00E+00	-5.22E-10	2.12E-10	1.75E-03	-2.87E-01	0.00E+00	0.00E+00	-8.82E-02	0.00E+00	-2.90E-02	0.00E+00	1.85E-09	-2.98E-09	-1.91E-04	0.00E+00	-2.83E-02	0.00E+00	-2.90E-02	-3.22E-06	-2.90E-02	-5.73E-02	-2.83E-02	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
MN932V	-1.39E-02	-6.84E-02	-2.96E-03	-6.55E-02	0.00E+00	0.00E+00	-3.52E+00	-1.40E-03	-5.59E-04	-7.67E-03	0.00E+00	0.00E+00	-2.34E-09	-1.63E-07	-2.37E-03	-1.23E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.49E+00	0.00E+00	-5.69E-09	-2.98E-08	-2.35E-03	0.00E+00	-3.07E-01	0.00E+00	-1.49E+00	-4.10E-05	-1.49E+00	-1.80E+00	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
MN940V	-4.73E-03	4.05E-03	1.51E-03	-2.82E-03	0.00E+00	0.00E+00	-1.38E+00	-1.07E-03	1.22E-04	-2.66E-03	0.00E+00	0.00E+00	-1.37E-09	-6.96E-08	-2.83E-03	-5.77E-01	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-4.20E-01	0.00E+00	1.29E-09	-1.30E-08	-1.57E-03	0.00E+00	-1.68E-01	0.00E+00	-4.20E-01	-1.58E-05	-4.20E-01	-6.48E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-6.95E+01
MNN106P	-3.68E-03	-8.16E-03	2.88E-04	-1.09E-02	0.00E+00	0.00E+00	-8.95E-01	-3.13E-04	-9.99E-06	-2.39E-03	0.00E+00	0.00E+00	-1.07E-09	-5.01E-08	-1.48E-03	-1.65E+00	0.00E+00	0.00E+00	-9.88E-01	0.00E+00	-7.51E-02	0.00E+00	1.62E-09	-1.00E-08	-8.20E-04	0.00E+00	-1.84E-01	0.00E+00	-7.51E-02	-1.18E-05	-7.51E-02	-4.32E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
MNN110P	-3.44E-03	-8.98E-03	2.74E-04	-1.47E-02	0.00E+00	0.00E+00	-1.03E+00	-2.92E-04	-3.20E-05	-2.46E-03	0.00E+00	0.00E+00	-1.09E-09	-3.31E-08	-1.39E-03	-1.60E+00	0.00E+00	0.00E+00	-9.65E-01	0.00E+00	-1.18E-01	0.00E+00	1.44E-09	-9.93E-09	-8.14E-04	0.00E+00	-1.57E-01	0.00E+00	-1.18E-01	-1.02E-05	-1.18E-01	-4.36E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.11E+01
MNN116P	-4.56E-03	-1.10E-02	1.30E-04	-1.46E-02	0.00E+00	0.00E+00	-1.38E+00	-6.15E-04	-2.13E-05	-3.02E-03	0.00E+00	0.00E+00	-1.33E-09	-6.08E-08	-2.84E-03	-1.69E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-2.55E-01	0.00E+00	1.37E-09	-1.25E-08	-1.34E-03	0.00E+00	-1.72E-01	0.00E+00	-2.55E-01	-1.78E-05	-2.55E-01	-6.00E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MNN120P	-4.54E-03	-1.10E-02	1.30E-04	-1.46E-02	0.00E+00	0.00E+00	-1.38E+00	-6.21E-04	-2.13E-05	-3.02E-03	0.00E+00	0.00E+00	-1.33E-09	-6.08E-08	-2.84E-03	-1.68E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-2.55E-01	0.00E+00	1.37E-09	-1.25E-08	-1.34E-03	0.00E+00	-1.73E-01	0.00E+00	-2.55E-01	-1.78E-05	-2.55E-01	-6.00E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MNN125P	-5.06E-03	-1.74E-02	3.17E-04	-2.53E-02	0.00E+00	0.00E+00	-1.37E+00	-6.95E-04	4.38E-05	-3.57E-03	0.00E+00	0.00E+00	-1.38E-09	-6.58E-08	-2.97E-03	-1.68E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-4.23E-01	0.00E+00	1.02E-09	-1.52E-08	-1.48E-03	0.00E+00	-2.04E-01	0.00E+00	-4.23E-01	-1.61E-05	-4.23E-01	-7.51E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
MNN132P	-6.18E-03	-1.66E-02	1.42E-04	-2.70E-02	0.00E+00	0.00E+00	-1.53E+00	-7.89E-04	6.14E-06	-3.90E-03	0.00E+00	0.00E+00	-1.47E-09	-8.55E-08	-2.92E-03	-1.80E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-4.64E-01	0.00E+00	9.45E-10	-1.63E-08	-1.55E-03	0.00E+00	-2.38E-01	0.00E+00	-4.64E-01	-1.82E-05	-4.64E-01	-8.11E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MNN140P	-5.82E-03	-4.57E-03	5.81E-04	-1.72E-02	0.00E+00	0.00E+00	-1.47E+00	-7.82E-04	3.98E-06	-3.81E-03	0.00E+00	0.00E+00	-1.42E-09	-8.36E-08	-3.18E-03	-1.65E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-4.44E-01	0.00E+00	1.66E-09	-1.44E-08	-1.44E-03	0.00E+00	-2.31E-01	0.00E+00	-4.44E-01	-1.72E-05	-4.44E-01	-8.12E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
MNU106P	-3.26E-03	-3.83E-03	3.34E-04	-2.95E-03	0.00E+00	0.00E+00	-8.44E-01	-3.09E-04	1.63E-05	-1.86E-03	0.00E+00	0.00E+00	-1.08E-09	-4.35E-08	-1.61E-03	-8.97E-01	0.00E+00	0.00E+00	-8.56E-01	0.00E+00	-8.96E-02	0.00E+00	1.40E-09	-7.56E-09	-7.56E-04	0.00E+00	-1.26E-01	0.00E+00	-8.96E-02	-1.13E-05	-8.96E-02	-4.12E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MNU110P	-2.84E-03	-5.22E-03	3.63E-04	-8.58E-03	0.00E+00	0.00E+00	-8.89E-01	-2.92E-04	1.37E-05	-1.72E-03	0.00E+00	0.00E+00	-1.02E-09	-2.75E-08	-1.34E-03	-7.17E-01	0.00E+00	0.00E+00	-7.83E-01	0.00E+00	-1.54E-01	0.00E+00	1.15E-09	-7.16E-09	-6.79E-04	0.00E+00	-1.09E-01	0.00E+00	-1.54E-01	-7.01E-06	-1.54E-01	-4.61E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
MNU116P	-3.84E-03	-7.98E-03	1.88E-04	-1.06E-02	0.00E+00	0.00E+00	-1.28E+00	-5.74E-04	-1.02E-06	-2.14E-03	0.00E+00	0.00E+00	-1.27E-09	-4.41E-08	-3.06E-03	-7.28E-01	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-2.99E-01	0.00E+00	1.03E-09	-1.00E-08	-1.16E-03	0.00E+00	-1.16E-01	0.00E+00	-2.99E-01	-1.41E-05	-2.99E-01	-5.98E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-6.43E+01
MNU120P	-3.75E-03	-7.52E-03	1.93E-04	-9.98E-03	0.00E+00	0.00E+00	-1.30E+00	-6.12E-04	-7.34E-06	-2.28E-03	0.00E+00	0.00E+00	-1.31E-09	-5.35E-08	-3.01E-03	-9.35E-01	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	-2.95E-01	0.00E+00	9.94E-10	-1.05E-08	-1.25E-03	0.00E+00	-1.37E-01	0.00E+00	-2.95E-01	-1.68E-05	-2.95E-01	-6.04E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
MNU125P	-4.41E-03	-1.27E-02	3.62E-04	-1.30E-02	0.00E+00	0.00E+00	-1.37E+00	-7.19E-04	7.74E-05	-2.92E-03	0.00E+00	0.00E+00	-1.37E-09	-5.97E-08	-3.20E-03	-9.40E-01	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-4.34E-01	0.00E+00	9.31E-10	-1.36E-08	-1.42E-03	0.00E+00	-1.58E-01	0.00E+00	-4.34E-01	-1.59E-05	-4.34E-01	-7.83E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
MNU132P	-5.26E-03	-1.42E-02	2.86E-04	-2.04E-02	0.00E+00	0.00E+00	-1.45E+00	-7.48E-04	4.88E-05	-3.42E-03	0.00E+00	0.00E+00	-1.44E-09	-8.08E-08	-3.31E-03	-1.01E+00	0.00E+00	0.00E+00	-1.58E+00	0.00E+00	-4.92E-01	0.00E+00	6.36E-10	-1.55E-08	-1.48E-03	0.00E+00	-2.11E-01	0.00E+00	-4.92E-01	-1.77E-05	-4.92E-01	-8.32E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.28E+01
MNU140P	-5.45E-03	1.44E-03	7.70E-04	-5.28E-03	0.00E+00	0.00E+00	-1.44E+00	-7.74E-04	4.67E-05	-3.14E-03	0.00E+00	0.00E+00	-1.40E-09	-8.44E-08	-3.42E-03	-9.20E-01	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-4.45E-01	0.00E+00	1.54E-09	-1.36E-08	-1.35E-03	0.00E+00	-1.94E-01	0.00E+00	-4.45E-01	-1.61E-05	-4.45E-01	-8.23E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
MNU216K	-6.73E-03	-2.23E-01	-1.83E-03	-2.54E-01	0.00E+00	0.00E+00	-2.05E+00	-6.95E-04	-4.16E-04	-4.68E-03	0.00E+00	0.00E+00	-2.51E-09	-5.82E-08	-1.82E-02	-6.17E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-2.49E+00	0.00E+00	-1.07E-08	-3.11E-08	-1.99E-03	0.00E+00	-7.55E-01	0.00E+00	-2.49E+00	-1.94E-05	-2.49E+00	-3.54E+00	-7.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02

MNU220K	-5.34E-03	-1.87E-01	-1.61E-03	-1.92E-01	0.00E+00	0.00E+00	-2.21E+00	-8.45E-04	-3.35E-04	-4.20E-03	0.00E+00	0.00E+00	-1.20E-09	-6.81E-08	-1.27E-02	-9.74E+00	0.00E+00	0.00E+00	-2.49E+00	0.00E+00	-1.87E+00	0.00E+00	-7.81E-09	-2.57E-08	-1.79E-03	0.00E+00	-7.92E-01	0.00E+00	-1.87E+00	-1.80E-05	-1.87E+00	-2.74E+00	-7.92E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+01
MNU225K	-7.48E-03	-2.23E-01	-1.73E-03	-2.27E-01	0.00E+00	0.00E+00	-2.99E+00	-1.07E-03	-3.92E-04	-5.26E-03	0.00E+00	0.00E+00	-1.36E-09	-9.56E-08	-1.59E-02	-1.21E+01	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-2.02E+00	0.00E+00	-8.58E-09	-2.80E-08	-2.25E-03	0.00E+00	-1.17E+00	0.00E+00	-2.02E+00	-2.23E-05	-2.02E+00	-3.22E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MNU232K	-7.75E-03	-2.20E-01	-1.76E-03	-2.22E-01	0.00E+00	0.00E+00	-3.04E+00	-1.05E-03	-4.05E-04	-5.48E-03	0.00E+00	0.00E+00	-1.34E-09	-9.95E-08	-1.58E-02	-1.22E+01	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-2.05E+00	0.00E+00	-8.73E-09	-2.80E-08	-2.30E-03	0.00E+00	-1.16E+00	0.00E+00	-2.05E+00	-2.32E-05	-2.05E+00	-3.26E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MNU240K	-1.65E-02	-2.76E-01	-3.05E-03	-2.85E-01	0.00E+00	0.00E+00	-4.69E+00	-1.46E-03	-8.08E-04	-1.01E-02	0.00E+00	0.00E+00	-3.25E-09	-2.04E-07	-2.28E-02	-1.34E+01	0.00E+00	0.00E+00	-4.55E+00	0.00E+00	-2.84E+00	0.00E+00	-1.30E-08	-5.13E-08	-3.52E-03	0.00E+00	-2.36E+00	0.00E+00	-2.84E+00	-4.96E-05	-2.84E+00	-4.58E+00	-2.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MNU250K	-1.18E-02	-6.52E-02	-5.56E-04	-7.83E-02	0.00E+00	0.00E+00	-3.18E+00	-9.20E-04	-8.73E-05	-4.22E-03	0.00E+00	0.00E+00	-2.30E-09	-7.22E-08	-8.28E-03	-4.50E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-6.89E-01	0.00E+00	4.10E-09	-2.39E-08	-1.19E-03	0.00E+00	-1.26E+00	0.00E+00	-6.89E-01	-2.56E-05	-6.89E-01	-1.19E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MNU263K	-1.54E-02	-4.43E-02	-1.27E-03	-1.87E-02	0.00E+00	0.00E+00	-3.42E+00	-1.15E-03	9.99E-05	-7.15E-03	0.00E+00	0.00E+00	-2.43E-09	-1.67E-07	-6.57E-03	-5.40E+00	0.00E+00	0.00E+00	-2.91E+00	0.00E+00	1.71E-01	0.00E+00	3.81E-09	-3.05E-08	-2.23E-03	0.00E+00	-1.18E+00	0.00E+00	1.71E-01	-3.38E-05	1.71E-01	-6.80E-01	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MP120E	-3.72E-03	-2.53E-03	1.40E-03	2.68E-02	0.00E+00	0.00E+00	-3.81E-01	-3.54E-04	9.26E-05	-1.84E-03	0.00E+00	0.00E+00	-7.54E-10	-3.40E-08	1.60E-03	-6.96E-01	0.00E+00	0.00E+00	-5.13E-01	0.00E+00	-2.33E-02	0.00E+00	3.26E-09	-6.15E-09	-3.97E-04	0.00E+00	-9.10E-02	0.00E+00	-2.33E-02	-1.01E-05	-2.33E-02	-1.62E-01	-9.10E-02	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
MP215P	-5.35E-03	-5.21E-02	1.69E-03	-3.61E-02	0.00E+00	0.00E+00	-8.07E-01	-6.03E-04	4.69E-05	-3.53E-03	0.00E+00	0.00E+00	-2.13E-09	-8.42E-08	-4.45E-03	-1.35E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-7.51E-01	0.00E+00	1.23E-09	-1.78E-08	-1.14E-03	0.00E+00	-3.72E-01	0.00E+00	-7.51E-01	-2.06E-05	-7.51E-01	-1.27E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
MP220P	-5.20E-03	-5.77E-02	1.61E-03	-4.86E-02	0.00E+00	0.00E+00	-8.45E-01	-5.63E-04	6.44E-05	-3.50E-03	0.00E+00	0.00E+00	-2.16E-09	-7.27E-08	-5.29E-03	-1.38E+00	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-8.27E-01	0.00E+00	1.13E-09	-2.01E-08	-1.08E-03	0.00E+00	-3.65E-01	0.00E+00	-8.27E-01	-2.00E-05	-8.27E-01	-1.32E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E+01
MP225P	-6.28E-03	-5.06E-02	1.86E-03	-4.39E-02	0.00E+00	0.00E+00	-8.65E-01	-6.79E-04	1.78E-04	-3.35E-03	0.00E+00	0.00E+00	-2.15E-09	-8.54E-08	-4.60E-03	-1.00E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-7.94E-01	0.00E+00	1.14E-09	-1.96E-08	-1.06E-03	0.00E+00	-3.01E-01	0.00E+00	-7.94E-01	-2.15E-05	-7.94E-01	-1.29E+00	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MR106	-4.91E-03	-1.89E-01	-8.94E-04	-1.83E-01	0.00E+00	0.00E+00	-1.70E+00	-4.61E-04	-2.53E-04	-3.81E-03	0.00E+00	0.00E+00	-1.32E-09	-6.29E-08	-6.07E-03	-5.25E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-1.29E+00	0.00E+00	-5.78E-09	-1.94E-08	-1.27E-03	0.00E+00	-7.99E-01	0.00E+00	-1.29E+00	-1.54E-05	-1.29E+00	-2.16E+00	-7.99E-01	0.00E+00	0.00E+00	0.00E+00	-7.31E+01
MR110	-2.66E-03	-1.64E-01	-4.30E-04	-1.70E-01	0.00E+00	0.00E+00	-1.44E+00	-3.18E-04	-2.04E-04	-2.67E-03	0.00E+00	0.00E+00	-6.75E-10	-4.10E-08	-3.64E-03	-4.26E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-1.31E+00	0.00E+00	-5.55E-09	-1.79E-08	-1.01E-03	0.00E+00	-5.84E-01	0.00E+00	-1.31E+00	-9.14E-06	-1.31E+00	-1.85E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-6.24E+01
MR116	-3.42E-03	-1.80E-01	-4.30E-04	-1.68E-01	0.00E+00	0.00E+00	-1.57E+00	-3.41E-04	-2.09E-04	-2.84E-03	0.00E+00	0.00E+00	-9.37E-10	-4.93E-08	-4.32E-03	-4.34E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-1.31E+00	0.00E+00	-5.55E-09	-1.90E-08	-1.12E-03	0.00E+00	-6.62E-01	0.00E+00	-1.31E+00	-1.02E-05	-1.31E+00	-2.00E+00	-6.62E-01	0.00E+00	0.00E+00	0.00E+00	-6.90E+01
MR120	-3.96E-03	-1.88E-01	-4.37E-04	-1.75E-01	0.00E+00	0.00E+00	-2.23E+00	-4.75E-04	-2.50E-04	-2.86E-03	0.00E+00	0.00E+00	-1.09E-09	-6.61E-08	-5.90E-03	-9.28E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-1.32E+00	0.00E+00	-5.52E-09	-1.96E-08	-1.53E-03	0.00E+00	-9.93E-01	0.00E+00	-1.32E+00	-1.24E-05	-1.32E+00	-2.05E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
MR125	-4.50E-03	-2.03E-01	-7.11E-04	-1.94E-01	0.00E+00	0.00E+00	-2.44E+00	-5.01E-04	-2.22E-04	-3.08E-03	0.00E+00	0.00E+00	-1.22E-09	-7.20E-08	-7.34E-03	-9.76E+00	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-1.38E+00	0.00E+00	-5.84E-09	-2.07E-08	-1.64E-03	0.00E+00	-1.00E+00	0.00E+00	-1.38E+00	-1.42E-05	-1.38E+00	-2.19E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.35E+01
MR132	-8.12E-03	-2.15E-01	-1.11E-03	-2.04E-01	0.00E+00	0.00E+00	-2.74E+00	-9.33E-04	-3.32E-04	-5.19E-03	0.00E+00	0.00E+00	-1.63E-09	-1.09E-07	-7.56E-03	-1.02E+01	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-1.39E+00	0.00E+00	-6.26E-09	-2.30E-08	-2.11E-03	0.00E+00	-9.75E-01	0.00E+00	-1.39E+00	-2.57E-05	-1.39E+00	-2.35E+00	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	-9.77E+01
MR202	-6.75E-03	-2.56E-01	-2.52E-03	-1.91E-01	0.00E+00	0.00E+00	-1.49E+00	-7.27E-04	2.60E-05	-5.12E-03	0.00E+00	0.00E+00	-2.41E-09	-5.24E-08	-9.73E-03	-2.35E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-1.75E+00	0.00E+00	-1.30E-09	-2.22E-08	-1.46E-03	0.00E+00	-5.30E-01	0.00E+00	-1.75E+00	-2.41E-05	-1.75E+00	-2.72E+00	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-9.23E+01
MR210	-6.04E-03	-2.07E-01	-1.20E-03	-2.31E-01	0.00E+00	0.00E+00	-1.98E+00	-5.22E-04	-4.08E-04	-4.13E-03	0.00E+00	0.00E+00	-1.79E-09	-6.03E-08	-1.27E-02	-5.16E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-2.00E+00	0.00E+00	-8.93E-09	-2.61E-08	-1.59E-03	0.00E+00	-7.54E-01	0.00E+00	-2.00E+00	-1.80E-05	-2.00E+00	-2.95E+00	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+01
MR216	-6.50E-03	-2.22E-01	-1.26E-03	-2.37E-01	0.00E+00	0.00E+00	-2.08E+00	-6.18E-04	-4.09E-04	-4.23E-03	0.00E+00	0.00E+00	-2.03E-09	-5.56E-08	-1.53E-02	-5.17E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-2.05E+00	0.00E+00	-9.24E-09	-2.81E-08	-1.79E-03	0.00E+00	-8.16E-01	0.00E+00	-2.05E+00	-1.85E-05	-2.05E+00	-3.23E+00	-8.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
MR220	-6.58E-03	-2.28E-01	-1.24E-03	-2.38E-01	0.00E+00	0.00E+00	-2.83E+00	-7.95E-04	-4.37E-04	-4.48E-03	0.00E+00	0.00E+00	-2.04E-09	-8.47E-08	-1.70E-02	-1.14E+01	0.00E+00	0.00E+00	-2.68E+00	0.00E+00	-2.07E+00	0.00E+00	-9.75E-09	-2.96E-08	-2.12E-03	0.00E+00	-1.18E+00	0.00E+00	-2.07E+00	-2.27E-05	-2.07E+00	-3.30E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MR232	-9.62E-03	-2.74E-01	-2.01E-03	-3.00E-01	0.00E+00	0.00E+00	-3.55E+00	-9.47E-04	-6.18E-04	-6.57E-03	0.00E+00	0.00E+00	-2.93E-09	-1.06E-07	-2.11E-02	-1.26E+01	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-2.83E+00	0.00E+00	-1.25E-08	-3.98E-08	-2.67E-03	0.00E+00	-2.11E+00	0.00E+00	-2.83E+00	-3.19E-05	-2.83E+00	-4.27E+00	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MR240	-1.59E-02	-2.79E-01	-3.14E-03	-2.97E-01	0.00E+00	0.00E+00	-4.70E+00	-1.31E-03	-8.13E-04	-9.79E-03	0.00E+00	0.00E+00	-3.24E-09	-2.00E-07	-2.26E-02	-1.29E+01	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-2.91E+00	0.00E+00	-1.36E-08	-5.10E-08	-3.36E-03	0.00E+00	-2.16E+00	0.00E+00	-2.91E+00	-4.68E-05	-2.91E+00	-4.66E+00	-2.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MR263	-2.00E-02	-6.64E-02	-1.76E-03	-2.81E-02	0.00E+00	0.00E+00	-3.90E+00	-1.42E-03	-2.53E-05	-6.15E-03	0.00E+00	0.00E+00	-3.37E-09	-1.77E-07	-8.45E-03	-4.47E+00	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-9.66E-02	0.00E+00	3.83E-09	-4.14E-08	-2.80E-03	0.00E+00	-1.17E+00	0.00E+00	-9.66E-02	-5.08E-05	-9.66E-02	-8.15E-01	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
MR310	-6.66E-03	-2.17E-01	-3.00E-03	-2.16E-01	0.00E+00	0.00E+00	-2.29E+00	-6.34E-04	-5.02E-04	-5.22E-03	0.00E+00	0.00E+00	-2.46E-09	-6.40E-08	-1.80E-02	-5.01E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-2.52E+00	0.00E+00	-7.00E-09	-3.47E-08	-2.08E-03	0.00E+00	-7.89E-01	0.00E+00	-2.52E+00	-2.33E-05	-2.52E+00	-3.10E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MR316	-6.53E-03	-2.23E-01	-3.18E-03	-2.24E-01	0.00E+00	0.00E+00	-2.56E+00	-5.94E-04	-4.90E-04	-6.51E-03	0.00E+00	0.00E+00	-2.54E-09	-7.84E-08	-2.33E-02	-5.18E+00	0.00E+00	0.00E+00	-3.46E+00	0.00E+00	-2.72E+00	0.00E+00	-7.11E-09	-3.80E-08	-2.17E-03	0.00E+00	-8.85E-01	0.00E+00	-2.72E+00	-2.61E-05	-2.72E+00	-3.76E+00	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MR320	-1.11E-02	-2.31E-01	-3.15E-03	-2.30E-01	0.00E+00	0.00E+00	-3.74E+00	-9.88E-04	-6.01E-04	-8.31E-03	0.00E+00	0.00E+00	-2.66E-09	-1.30E-07	-2.49E-02	-1.29E+01	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-2.80E+00	0.00E+00	-7.06E-09	-4.08E-08	-2.89E-03	0.00E+00	-1.30E+00	0.00E+00	-2.80E+00	-3.54E-05	-2.80E+00	-4.02E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MR325	-2.02E-02	-2.49E-01	-4.19E-03	-2.93E-01	0.00E+00	0.00E+00	-4.40E+00	-1.82E-03	-9.16E-04	-1.18E-02	0.00E+00	0.00E+00	-4.06E-09	-2.20E-07	-3.00E-02	-1.49E+01	0.00E+00	0.00E+00	-4.90E+00	0.00E+00	-3.32E+00	0.00E+00	-9.37E-09	-6.05E-08	-3.82E-03	0.00E+00	-2.34E+00	0.00E+00	-3.32E+00	-5.48E-05	-3.32E+00	-5.09E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
MR332	-2.61E-02	-2.44E-01	-5.10E-03	-2.68E-01	0.00E+00	0.00E+00	-5.36E+00	-2.44E-03	-1.32E-03	-1.70E-02	0.00E+00	0.00E+00	-5.02E-09	-3.04E-07	-2.84E-02	-1.42E+01	0.00E+00	0.00E+00	-5.22E+00	0.00E+00	-2.99E+00	0.00E+00	-7.99E-09	-7.41E-08	-5.20E-03	0.00E+00	-2.21E+00	0.00E+00	-2.99E+00	-8.27E-05	-2.99E+00	-4.73E+00	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MR340	-2.99E-02	-2.43E-01	-5.55E-03	-3.00E-01	0.00E+00	0.00E+00	-7.76E+00	-2.83E-03	-1.36E-03	-2.03E-02	0.00E+00	0.00E+00	-5.62E-09	-3.43E-07	-2.85E-02	-1.42E+01	0.00E+00	0.00E+00	-6.92E+00	0.00E+00	-3.46E+00	0.00E+00	-9.45E-09	-8.10E-08	-5.54E-03	0.00E+00	-2.26E+00	0.00E+00	-3.46E+00	-9.50E-05	-3.46E+00	-5.19E+00	-2.26E+00	0.00E+00	0.00E+00	0.00E+00	-2.93E+02
MS110	-2.55E-03	-1.53E-01	-4.21E-04	-1.55E-01	0.00E+00	0.00E+00	-1.27E+00	-3.12E-04	-1.22E-04	-2.51E-03	0.00E+00	0.00E+00	-6.19E-10	-3.44E-08	-2.82E-03	-5.14E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.19E+00	0.00E+00	-5.53E-09	-1.57E-08	-9.19E-04	0.00E+00	-5.99E-01	0.00E+00	-1.19E+00	-7.85E-06	-1.19E+00	-1.81E+00	-5.99E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
MS110X	-2.69E-03	-1.58E-01	-4.21E-04	-1.59E-01	0.00E+00	0.00E+00	-1.32E+00	-3.10E-04	-1.36E-04	-2.60E-03	0.00E+00	0.00E+00	-6.30E-10	-3.47E-08	-2.86E-03	-5.30E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-1.21E+00	0.00E+00	-5.57E-09	-1.63E-08	-9.35E-04	0.00E+00	-6.19E-01	0.00E+00	-1.21E+00	-8.28E-06	-1.21E+00	-1.84E+00	-6.19E-01	0.00E+00	0.00E+00	0.00E+00	-5.75E+01
MS116X	-3.44E-03	-1.63E-01	-4.50E-04	-1.59E-01	0.00E+00	0.00E+00	-1.49E+00	-3.44E-04	-1.99E-04	-3.05E-03	0.00E+00	0.00E+00	-9.08E-10	-4.58E-08	-3.12E-03	-4.45E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-1.25E+00	0.00E+00	-5.56E-09	-1.89E-08	-1.10E-03	0.00E+00	-6.00E-01	0.00E+00	-1.25E+00	-1.04E-05	-1.25E+00	-1.84E+00	-6.00E-01	0.00E+00	0.00E+00	0.00E+00	-6.86E+01
MS120	-3.02E-03	-1.62E-01	-4.85E-04	-1.60E-01	0.00E+00	0.00E+00	-1.67E+00	-3.99E-04	-2.09E-04	-2.78E-03	0.00E+00	0.00E+00	-6.75E-10	-5.47E-08	-4.35E-03	-8.03E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-1.24E+00	0.00E+00	-5.47E-09	-1.86E-08	-1.18E-03	0.00E+00	-6.07E-01	0.00E+00	-1.24E+00	-1.11E-05	-1.24E+00	-1.85E+00	-6.07E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
MS120X	-3.24E-03	-1.65E-01	-5.07E-04	-1.64E-01	0.00E+00	0.00E+00	-1.69E+00	-3.93E-04	-2.05E-04	-2.86E-03	0.00E+00	0.00E+00	-6.31E-10	-5.42E-08	-4.16E-03	-8.08E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.26E+00	0.00E+00	-5.51E-09	-1.85E-08	-1.19E-03	0.00E+00	-6.25E-01	0.00E+00	-1.26E+00	-1.11E-05	-1.26E+00	-1.88E+00	-6.25E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
MS125X	-7.02E-03	-2.11E-01	-9.84E-04	-1.97E-01	0.00E+00	0.00E+00	-2.64E+00	-6.16E-04	-3.29E-04	-4.49E-03	0.00E+00	0.00E+00	-1.44E-09	-9.49E-08	-7.70E-03	-1.03E+01	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.39E+00	0.00E+00	-6.06E-09	-2.25E-08	-1.85E-03	0.00E+00	-1.06E+00	0.00E+00	-1.39E+00	-1.99E-05	-1.39E+00	-2.33E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
MS132X	-8.04E-03	-2.10E-01	-1.06E-03	-1.97E-01	0.00E+00	0.00E+00	-2.85E+00	-8.56E-04	-2.99E-04	-4.89E-03	0.00E+00	0.00E+00	-1.54E-09	-1.06E-07	-7.48E-03	-1.03E+01	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-1.39E+00	0.00E+00	-6.05E-09	-2.32E-08	-2.06E-03	0.00E+00	-9.05E-01	0.00E+00	-1.39E+00	-2.56E-05	-1.39E+00	-2.36E+00	-9.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.78E+01
MS140X	-8.10E-03	-2.11E-01	-1.00E-03	-1.98E-01	0.00E+00	0.00E+00	-2.85E+00	-9.43E-04	-3.01E-04	-5.44E-03	0.00E+00	0.00E+00	-1.56E-09	-1.11E-07	-7.61E-03	-1.00E+01	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-1.40E+00	0.00E+00	-6.13E-09	-2.36E-08	-2.15E-03	0.00E+00	-9.11E-01	0.00E+00	-1.40E+00	-2.63E-05	-1.40E+00	-2.37E+00	-9.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.88E+01
MS216X	-7.77E-03	-4.11E-01	-3.88E-03	-3.99E-01	0.00E+00	0.00E+00	-2.66E+00	-7.37E-04	-2.56E-04	-5.44E-03	0.00E+00	0.00E+00	-2.59E-09	-6.74E-08	-2.05E-02	-6.70E+00	0.00E+00	0.00E+00	-2.98E+00	0.00E+00	-3.11E+00	0.00E+00	-1.21E-08	-3.34E-08	-2.21E-03	0.00E+00	-1.19E+00	0.00E+00	-3.11E+00	-2.02E-05	-3.11E+00	-4.51E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MS220X	-7.44E-03	-4.21E-01	-3.71E-03	-3.89E-01	0.00E+00	0.00E+00	-2.88E+00	-8.64E-04	-2.83E-04	-5.62E-03	0.00E+00	0.00E+00	-2.26E-09	-8.62E-08	-1.95E-02	-1.22E+01	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-2.68E+00	0.00E+00	-1.09E-08	-3.29E-08	-2.29E-03	0.00E+00	-1.28E+00	0.00E+00	-2.68E+00	-2.32E-05	-2.68E+00	-4.30E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MS232	-1.06E-02	-2.76E-01	-2.17E-03	-2.98E-01	0.00E+00	0.00E+00	-3.61E+00	-1.05E-03	-6.36E-04	-6.36E-03	0.00E+00	0.00E+00	-3.07E-09	-1.12E-07	-2.26E-02	-1.33E+01	0.00E+00	0.00E+00	-3.92E+00	0.00E+00	-2.92E+00	0.00E+00	-1.25E-08	-4.12E-08	-2.75E-03	0.00E+00	-2.18E+00	0.00E+00	-2.92E+00	-3.37E-05	-2.92E+00	-4.28E+00	-2.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MS240	-1.62E-02	-2.78E-01	-3.14E-03	-2.88E-01	0.00E+00	0.00E+00	-4.69E+00	-1.32E-03	-8.13E-04	-9.89E-03	0.00E+00	0.00E+00	-3.25E-09	-2.01E-07	-2.26E-02	-1.28E+01	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-2.90E+00	0.00E+00	-1.30E-08	-5.13E-08	-3.38E-03	0.00E+00	-2.16E+00	0.00E+00	-2.90E+00	-4.67E-05	-2.90E+00	-4.60E+00	-2.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MS263	-2.00E-02	-6.54E-02	-1.76E-03	-2.66E-02	0.00E+00	0.00E+00	-3.87E+00	-1.42E-03	-2.53E-05	-6.15E-03	0.00E+00	0.00E+00	-3.35E-09	-1.77E-07	-8.45E-03	-4.47E+00	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-9.66E-02	0.00E+00	3.83E-09	-4.14E-08	-2.80E-03	0.00E+00	-1.17E+00	0.00E+00	-9.66E-02	-5.08E-05	-9.66E-02	-8.15E-01	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
MS310	-7.40E-03	-2.23E-01	-3.00E-03	-2.04E-01	0.00E+00	0.00E+00	-2.59E+00	-6.94E-04	-2.54E-04	-6.16E-03	0.00E+00	0.00E+00	-2.50E-09	-7.11E-08	-1.99E-02	-7.30E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-2.19E+00	0.00E+00	-6.66E-09	-3.52E-08	-2.20E-03	0.00E+00	-1.20E+00	0.00E+00	-2.19E+00	-2.34E-05	-2.19E+00	-2.91E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
MS310X	-8.27E-03	-4.64E-01	-5.28E-03	-4.84E-01	0.00E+00	0.00E+00	-2.81E+00	-7.17E-04	-3.59E-04	-6.89E-03	0.00E+00	0.00E+00	-2.72E-09	-7.22E-08	-2.32E-02	-7.68E+00	0.00E+00	0.00E+00	-3.41E+00	0.00E+00	-3.50E+00	0.00E+00	-1.30E-08	-3.72E-08	-2.40E-03	0.00E+00	-1.33E+00	0.00E+00	-3.50E+00	-2.51E-05	-3.50E+00	-4.67E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
MS316	-7.69E-03	-2.21E-01	-3.23E-03	-2.09E-01	0.00E+00	0.00E+00	-2.93E+00	-7.56E-04	-2.74E-04	-7.82E-03	0.00E+00	0.00E+00	-2.62E-09	-9.03E-08	-2.38E-02	-7.65E+00	0.00E+00	0.00E+00	-3.47E+00	0.00E+00	-2.38E+00	0.00E+00	-6.79E-09	-3.88E-08	-2.34E-03	0.00E+00	-1.28E+00	0.00E+00	-2.38E+00	-2.61E-05	-2.38E+00	-3.36E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
MS316X	-8.56E-03	-4.88E-01	-5.79E-03	-4.99E-01	0.00E+00	0.00E+00	-3.16E+00	-7.82E-04	-3.68E-04	-7.89E-03	0.00E+00	0.00E+00	-2.82E-09	-8.84E-08	-2.63E-02	-7.29E+00	0.00E+00	0.00E+00	-3.80E+00	0.00E+00	-3.61E+00	0.00E+00	-1.30E-08	-4.02E-08	-2.46E-03	0.00E+00	-1.39E+00	0.00E+00	-3.61E+00	-2.67E-05	-3.61E+00	-5.18E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MS320	-1.20E-02	-2.30E-01	-3.14E-03	-2.23E-01	0.00E+00	0.00E+00	-3.61E+00	-1.05E-03	-3.58E-04	-8.70E-03	0.00E+00	0.00E+00	-2.72E-09	-1.29E-07	-2.57E-02	-1.40E+01	0.00E+00	0.00E+00	-3.78E+00	0.00E+00	-2.49E+00	0.00E+00	-6.92E-09	-4.17E-08	-2.83E-03	0.00E+00	-1.33E+00	0.00E+00	-2.49E+00	-3.41E-05	-2.49E+00	-3.58E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MS320X	-1.26E-02	-5.08E-01	-6.08E-03	-5.18E-01	0.00E+00	0.00E+00	-3.83E+00	-1.06E-03	-4.72E-04	-8.85E-03	0.00E+00	0.00E+00	-2.89E-09	-1.28E-07	-2.76E-02	-1.45E+01	0.00E+00	0.00E+00	-4.11E+00	0.00E+00	-3.68E+00	0.00E+00	-1.31E-08	-4.32E-08	-2.84E-03	0.00E+00	-1.45E+00	0.00E+00	-3.68E+00	-3.41E-05	-3.68E+00	-5.39E+00	-1.45E+00	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MS332	-2.61E-02	-2.44E-01	-5.10E-03	-2.68E-01	0.00E+00	0.00E+00	-5.32E+00	-2.44E-03	-1.32E-03	-1.69E-02	0.00E+00	0.00E+00	-5.02E-09	-3.05E-07	-2.84E-02	-1.42E+01	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-2.99E+00	0.00E+00	-7.99E-09	-7.41E-08	-5.15E-03	0.00E+00	-2.21E+00	0.00E+00	-2.99E+00	-8.27E-05	-2.99E+00	-4.73E+00	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MS332X	-2.73E-02	-5.93E-01	-8.23E-03	-6.23E-01	0.00E+00	0.00E+00	-5.67E+00	-2.45E-03	-1.45E-03	-1.78E-02	0.00E+00	0.00E+00	-5.08E-09	-3.14E-07	-3.23E-02	-1.58E+01	0.00E+00	0.00E+00	-5.57E+00	0.00E+00	-4.49E+00	0.00E+00	-1.63E-08	-7.79E-08	-5.22E-03	0.00E+00	-2.41E+00	0.00E+00	-4.49E+00	-8.31E-05	-4.49E+00	-6.77E+00	-2.41E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
MS340	-3.00E-02	-2.34E-01	-5.55E-03	-3.00E-01	0.00E+00	0.00E+00	-7.78E+00	-2.83E-03	-1.36E-03	-2.03E-02	0.00E+00	0.00E+00	-5.62E-09	-3.39E-07	-2.84E-02	-1.42E+01	0.00E+00	0.00E+00	-6.90E+00	0.00E+00	-3.41E+00	0.00E+00	-8.88E-09	-7.93E-08	-5.47E-03	0.00E+00	-2.26E+00	0.00E+00	-3.41E+00	-9.50E-05	-3.41E+00	-5.17E+00	-2.26E+00	0.00E+00	0.00E+00	0.00E+00	-2.93E+02
MS340X	-3.12E-02	-6.07E-01	-8.50E-03	-6.25E-01	0.00E+00	0.00E+00	-7.79E+00	-2.85E-03	-1.49E-03	-2.03E-02	0.00E+00	0.00E+00	-5.63E-09	-3.50E-07	-3.12E-02	-1.58E+01	0.00E+00	0.00E+00	-6.97E+00	0.00E+00	-4.43E+00	0.00E+00	-1.56E-08	-8.20E-08	-5.54E-03	0.00E+00	-2.44E+00	0.00E+00	-4.43E+00	-9.56E-05	-4.43E+00	-6.90E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.93E+02
MSN106	-3.68E-03	-2.16E-01	-2.04E-03	-2.14E-01	0.00E+00	0.00E+00	-1.09E+00	-3.34E-04	-2.45E-04	-3.04E-03	0.00E+00	0.00E+00	-1.29E-09	-3.86E-08	-7.58E-03	-6.19E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-1.49E+00	0.00E+00	-7.05E-09	-1.75E-08	-1.05E-03	0.00E+00	-1.01E+00	0.00E+00	-1.49E+00	-1.05E-05	-1.49E+00	-2.50E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
MSN106QB	-4.64E-03	-2.17E-01	-1.84E-03	-1.13E-01	0.00E+00	0.00E+00	-9.82E-01	-3.52E-04	4.19E-05	-3.06E-03	0.00E+00	0.00E+00	-1.32E-09	-4.31E-08	-4.78E-03	-1.55E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	-1.18E+00	0.00E+00	-1.09E-09	-1.23E-08	-8.77E-04	0.00E+00	-2.45E-01	0.00E+00	-1.18E+00	-1.37E-05	-1.18E+00	-1.93E+00	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MSN110	-3.02E-03	-1.20E-01	-1.65E-03	-1.18E-01	0.00E+00	0.00E+00	-9.03E-01	-2.80E-04	-1.92E-04	-2.38E-03	0.00E+00	0.00E+00	-1.13E-09	-3.22E-08	-1.94E-03	-1.04E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-1.14E+00	0.00E+00	-5.24E-09	-1.24E-08	-8.47E-04	0.00E+00	-2.16E-01	0.00E+00	-1.14E+00	-8.85E-06	-1.14E+00	-1.35E+00	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
MSN110QB	-4.64E-03	-2.17E-01	-1.84E-03	-1.13E-01	0.00E+00	0.00E+00	-9.82E-01	-3.52E-04	4.19E-05	-3.06E-03	0.00E+00	0.00E+00	-1.32E-09	-4.31E-08	-4.78E-03	-1.55E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	-1.18E+00	0.00E+00	-1.09E-09	-1.23E-08	-8.77E-04	0.00E+00	-2.45E-01	0.00E+00	-1.18E+00	-1.37E-05	-1.18E+00	-1.93E+00	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MSN113	-4.44E-03	-5.39E-02	-1.38E-04	-9.51E-02	0.00E+00	0.00E+00	-1.56E+00	-4.55E-04	-1.90E-04	-3.83E-03	0.00E+00	0.00E+00	-1.36E-09	-7.25E-08	-5.01E-03	-3.96E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-4.69E-01	0.00E+00	1.24E-09	-1.66E-08	-1.31E-03	0.00E+00	-1.35E+00	0.00E+00	-4.69E-01	-1.40E-05	-4.69E-01	-8.14E-01	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
MSN116	-3.01E-03	-1.19E-01	-1.63E-03	-1.18E-01	0.00E+00	0.00E+00	-9.01E-01	-2.80E-04	-1.92E-04	-2.38E-03	0.00E+00	0.00E+00	-1.12E-09	-3.22E-08	-1.93E-03	-1.03E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-1.13E+00	0.00E+00	-5.21E-09	-1.24E-08	-8.45E-04	0.00E+00	-2.15E-01	0.00E+00	-1.13E+00	-8.84E-06	-1.13E+00	-1.35E+00	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-4.60E+01
MSN120	-3.39E-03	-1.22E-01	-1.72E-03	-1.21E-01	0.00E+00	0.00E+00	-9.94E-01	-3.17E-04	-2.08E-04	-2.59E-03	0.00E+00	0.00E+00	-1.17E-09	-3.66E-08	-2.01E-03	-1.07E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-1.16E+00	0.00E+00	-5.38E-09	-1.31E-08	-9.06E-04	0.00E+00	-2.23E-01	0.00E+00	-1.16E+00	-9.92E-06	-1.16E+00	-1.39E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.94E+01
MSN120QB	-4.06E-03	-2.13E-01	-1.74E-03	-1.05E-01	0.00E+00	0.00E+00	-9.95E-01	-3.51E-04	8.55E-05	-2.58E-03	0.00E+00	0.00E+00	-1.23E-09	-4.22E-08	-4.40E-03	-1.51E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.16E+00	0.00E+00	-1.11E-09	-1.18E-08	-8.85E-04	0.00E+00	-2.21E-01	0.00E+00	-1.16E+00	-1.29E-05	-1.16E+00	-1.95E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
MSN125	-6.43E-03	-2.31E-01	-2.58E-03	-2.28E-01	0.00E+00	0.00E+00	-1.76E+00	-6.09E-04	-3.63E-04	-4.55E-03	0.00E+00	0.00E+00	-1.58E-09	-7.09E-08	-8.11E-03	-6.42E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	-1.66E+00	0.00E+00	-7.99E-09	-2.22E-08	-1.47E-03	0.00E+00	-1.06E+00	0.00E+00	-1.66E+00	-1.94E-05	-1.66E+00	-2.72E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-7.75E+01
MSN125QB	-4.06E-03	-2.13E-01	-1.74E-03	-1.05E-01	0.00E+00	0.00E+00	-9.95E-01	-3.51E-04	8.55E-05	-2.58E-03	0.00E+00	0.00E+00	-1.23E-09	-4.22E-08	-4.40E-03	-1.51E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.16E+00	0.00E+00	-1.11E-09	-1.18E-08	-8.85E-04	0.00E+00	-2.21E-01	0.00E+00	-1.16E+00	-1.29E-05	-1.16E+00	-1.95E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
MSN132	-1.07E-02	-2.50E-01	-3.35E-03	-2.47E-01	0.00E+00	0.00E+00	-2.79E+00	-1.04E-03	-5.45E-04	-6.88E-03	0.00E+00	0.00E+00	-2.01E-09	-1.21E-07	-8.84E-03	-6.78E+00	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-1.88E+00	0.00E+00	-9.30E-09	-2.93E-08	-2.11E-03	0.00E+00	-1.13E+00	0.00E+00	-1.88E+00	-3.17E-05	-1.88E+00	-3.02E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MSN132QB	-6.06E-03	-2.17E-01	-2.12E-03	-1.12E-01	0.00E+00	0.00E+00	-1.33E+00	-5.81E-04	1.83E-05	-4.35E-03	0.00E+00	0.00E+00	-1.51E-09	-6.67E-08	-5.51E-03	-1.65E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.28E+00	0.00E+00	-1.27E-09	-1.47E-08	-1.27E-03	0.00E+00	-2.71E-01	0.00E+00	-1.28E+00	-1.91E-05	-1.28E+00	-2.13E+00	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-6.83E+01
MSN140	-1.07E-02	-2.51E-01	-3.36E-03	-2.48E-01	0.00E+00	0.00E+00	-2.79E+00	-1.04E-03	-5.45E-04	-6.89E-03	0.00E+00	0.00E+00	-2.02E-09	-1.21E-07	-8.84E-03	-6.78E+00	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-1.89E+00	0.00E+00	-9.32E-09	-2.93E-08	-2.11E-03	0.00E+00	-1.13E+00	0.00E+00	-1.89E+00	-3.17E-05	-1.89E+00	-3.02E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MSN140QB	-5.73E-03	-2.19E-01	-2.03E-03	-1.17E-01	0.00E+00	0.00E+00	-1.32E+00	-5.72E-04	3.24E-05	-4.17E-03	0.00E+00	0.00E+00	-1.51E-09	-6.68E-08	-5.68E-03	-1.67E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-1.30E+00	0.00E+00	-1.32E-09	-1.51E-08	-1.36E-03	0.00E+00	-2.63E-01	0.00E+00	-1.30E+00	-1.95E-05	-1.30E+00	-2.17E+00	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-7.20E+01
MSN140R	-9.90E-03	-2.07E-01	-1.50E-03	-2.03E-01	0.00E+00	0.00E+00	-2.97E+00	-1.12E-03	-3.64E-04	-6.52E-03	0.00E+00	0.00E+00	-1.69E-09	-1.34E-07	-8.99E-03	-8.82E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-1.39E+00	0.00E+00	-6.41E-09	-2.78E-08	-2.33E-03	0.00E+00	-1.94E+00	0.00E+00	-1.39E+00	-3.01E-05	-1.39E+00	-2.30E+00	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MSN150	1.15E-03	-3.42E-02	3.94E-03	-3.81E-02	0.00E+00	0.00E+00	8.74E-01	-2.34E-06	8.29E-04	2.86E-04	0.00E+00	0.00E+00	2.53E-11	9.33E-09	-9.41E-04	-5.36E+00	0.00E+00	0.00E+00	5.33E-01	0.00E+00	6.93E-01	0.00E+00	6.17E-09	-1.52E-10	1.14E-04	0.00E+00	-7.33E-01	0.00E+00	6.93E-01	-8.58E-08	6.93E-01	-3.95E-02	-7.33E-01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MSN163	-1.29E-02	-1.55E-01	-1.26E-03	-1.54E-01	0.00E+00	0.00E+00	-2.72E+00	-1.29E-03	-5.65E-04	-7.26E-03	0.00E+00	0.00E+00	-1.62E-09	-1.50E-07	-4.29E-04	-6.73E+00	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-7.32E-01	0.00E+00	-2.96E-09	-2.61E-08	-2.08E-03	0.00E+00	-1.03E+00	0.00E+00	-7.32E-01	-3.71E-05	-7.32E-01	-1.77E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.75E+01
MSN163R	-1.28E-02	-1.43E-01	-9.53E-04	-1.42E-01	0.00E+00	0.00E+00	-2.60E+00	-1.28E-03	-5.55E-04	-7.14E-03	0.00E+00	0.00E+00	-1.51E-09	-1.49E-07	-5.03E-03	-6.57E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-6.17E-01	0.00E+00	-1.97E-09	-2.53E-08	-2.03E-03	0.00E+00	-1.03E+00	0.00E+00	-6.17E-01	-3.69E-05	-6.17E-01	-1.65E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.55E+01
MSN206	-7.41E-03	-4.42E-01	-4.19E-03	-4.38E-01	0.00E+00	0.00E+00	-2.19E+00	-6.68E-04	-4.98E-04	-6.16E-03	0.00E+00	0.00E+00	-2.59E-09	-7.74E-08	-2.30E-02	-1.24E+01	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-3.11E+00	0.00E+00	-1.42E-08	-3.56E-08	-2.12E-03	0.00E+00	-2.06E+00	0.00E+00	-3.11E+00	-2.09E-05	-3.11E+00	-5.17E+00	-2.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MSN210	-6.10E-03	-2.49E-01	-3.41E-03	-2.46E-01	0.00E+00	0.00E+00	-1.81E+00	-5.60E-04	-3.92E-04	-4.85E-03	0.00E+00	0.00E+00	-2.26E-09	-6.46E-08	-1.17E-02	-2.00E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-2.40E+00	0.00E+00	-1.06E-08	-2.55E-08	-1.72E-03	0.00E+00	-4.71E-01	0.00E+00	-2.40E+00	-1.77E-05	-2.40E+00	-2.87E+00	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.77E+01
MSN216	-6.09E-03	-2.48E-01	-3.37E-03	-2.44E-01	0.00E+00	0.00E+00	-1.80E+00	-5.59E-04	-3.91E-04	-4.84E-03	0.00E+00	0.00E+00	-2.25E-09	-6.46E-08	-1.17E-02	-1.99E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-2.38E+00	0.00E+00	-1.06E-08	-2.54E-08	-1.71E-03	0.00E+00	-4.69E-01	0.00E+00	-2.38E+00	-1.77E-05	-2.38E+00	-2.85E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-9.68E+01
MSN220	-1.29E-02	-4.70E-01	-5.26E-03	-4.65E-01	0.00E+00	0.00E+00	-3.50E+00	-1.22E-03	-7.32E-04	-9.17E-03	0.00E+00	0.00E+00	-3.15E-09	-1.42E-07	-2.40E-02	-1.28E+01	0.00E+00	0.00E+00	-3.82E+00	0.00E+00	-3.42E+00	0.00E+00	-1.61E-08	-4.48E-08	-2.95E-03	0.00E+00	-2.16E+00	0.00E+00	-3.42E+00	-3.87E-05	-3.42E+00	-5.58E+00	-2.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MSN225	-1.29E-02	-4.72E-01	-5.28E-03	-4.67E-01	0.00E+00	0.00E+00	-3.51E+00	-1.22E-03	-7.34E-04	-9.19E-03	0.00E+00	0.00E+00	-3.17E-09	-1.42E-07	-2.40E-02	-1.28E+01	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-3.44E+00	0.00E+00	-1.61E-08	-4.50E-08	-2.96E-03	0.00E+00	-2.16E+00	0.00E+00	-3.44E+00	-3.87E-05	-3.44E+00	-5.60E+00	-2.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MSN232	-2.15E-02	-5.11E-01	-6.81E-03	-5.04E-01	0.00E+00	0.00E+00	-5.57E+00	-2.08E-03	-1.10E-03	-1.38E-02	0.00E+00	0.00E+00	-4.02E-09	-2.43E-07	-2.55E-02	-1.35E+01	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-3.89E+00	0.00E+00	-1.88E-08	-5.92E-08	-4.24E-03	0.00E+00	-2.31E+00	0.00E+00	-3.89E+00	-6.34E-05	-3.89E+00	-6.21E+00	-2.31E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
MSN240	-2.15E-02	-5.12E-01	-6.82E-03	-5.05E-01	0.00E+00	0.00E+00	-5.57E+00	-2.08E-03	-1.10E-03	-1.39E-02	0.00E+00	0.00E+00	-4.03E-09	-2.43E-07	-2.55E-02	-1.35E+01	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-3.90E+00	0.00E+00	-1.88E-08	-5.92E-08	-4.24E-03	0.00E+00	-2.31E+00	0.00E+00	-3.90E+00	-6.34E-05	-3.90E+00	-6.21E+00	-2.31E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
MSN250	2.37E-03	-5.77E-02	8.04E-03	-6.57E-02	0.00E+00	0.00E+00	1.75E+00	-4.71E-06	1.67E-03	6.70E-04	0.00E+00	0.00E+00	5.52E-11	1.88E-08	8.72E-03	-1.08E+01	0.00E+00	0.00E+00	1.23E+00	0.00E+00	1.55E+00	0.00E+00	1.25E-08	4.78E-10	2.55E-04	0.00E+00	-1.42E+00	0.00E+00	1.55E+00	-1.81E-07	1.55E+00	1.28E-01	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	4.43E+01
MSN263	-2.62E-02	-2.81E-01	-5.42E-03	-2.76E-01	0.00E+00	0.00E+00	-6.50E+00	-2.62E-03	-1.19E-03	-1.53E-02	0.00E+00	0.00E+00	-4.63E-09	-3.05E-07	-2.01E-02	-2.90E+00	0.00E+00	0.00E+00	-5.78E+00	0.00E+00	-2.31E+00	0.00E+00	-5.06E-09	-5.68E-08	-4.63E-03	0.00E+00	-7.35E-01	0.00E+00	-2.31E+00	-7.62E-05	-2.31E+00	-3.04E+00	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+02
MSN263R	1.33E-03	-2.63E-01	3.15E-03	-2.66E-01	0.00E+00	0.00E+00	2.93E-01	-5.32E-05	1.51E-03	-1.44E-03	0.00E+00	0.00E+00	-1.40E-09	1.23E-08	1.32E-03	-1.10E+01	0.00E+00	0.00E+00	-3.48E-01	0.00E+00	-1.01E+00	0.00E+00	-1.98E-09	-1.48E-08	-6.23E-04	0.00E+00	-1.60E+00	0.00E+00	-1.01E+00	-2.96E-06	-1.01E+00	-2.61E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MSN306	-1.11E-02	-6.63E-01	-6.29E-03	-6.57E-01	0.00E+00	0.00E+00	-3.28E+00	-1.00E-03	-7.46E-04	-9.24E-03	0.00E+00	0.00E+00	-3.89E-09	-1.16E-07	-3.46E-02	-1.85E+01	0.00E+00	0.00E+00	-4.28E+00	0.00E+00	-4.66E+00	0.00E+00	-2.14E-08	-5.34E-08	-3.19E-03	0.00E+00	-3.08E+00	0.00E+00	-4.66E+00	-3.14E-05	-4.66E+00	-7.74E+00	-3.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MSN306QB	-1.11E-02	-4.15E-01	-4.52E-03	-3.14E-01	0.00E+00	0.00E+00	-2.40E+00	-1.22E-03	-2.61E-04	-8.63E-03	0.00E+00	0.00E+00	-3.56E-09	-9.29E-08	-2.20E-02	-2.56E+00	0.00E+00	0.00E+00	-3.10E+00	0.00E+00	-2.54E+00	0.00E+00	-5.14E-09	-3.29E-08	-2.57E-03	0.00E+00	-6.16E-01	0.00E+00	-2.54E+00	-3.29E-05	-2.54E+00	-3.84E+00	-6.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MSN310	-9.15E-03	-3.73E-01	-5.11E-03	-3.68E-01	0.00E+00	0.00E+00	-2.71E+00	-8.39E-04	-5.88E-04	-7.28E-03	0.00E+00	0.00E+00	-3.39E-09	-9.69E-08	-1.77E-02	-2.93E+00	0.00E+00	0.00E+00	-3.51E+00	0.00E+00	-3.60E+00	0.00E+00	-1.59E-08	-3.83E-08	-2.58E-03	0.00E+00	-6.99E-01	0.00E+00	-3.60E+00	-2.66E-05	-3.60E+00	-4.29E+00	-6.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MSN310QB	-1.11E-02	-4.15E-01	-4.52E-03	-3.14E-01	0.00E+00	0.00E+00	-2.40E+00	-1.22E-03	-2.61E-04	-8.63E-03	0.00E+00	0.00E+00	-3.56E-09	-9.29E-08	-2.20E-02	-2.56E+00	0.00E+00	0.00E+00	-3.10E+00	0.00E+00	-2.54E+00	0.00E+00	-5.14E-09	-3.29E-08	-2.57E-03	0.00E+00	-6.16E-01	0.00E+00	-2.54E+00	-3.29E-05	-2.54E+00	-3.84E+00	-6.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MSN316	-9.13E-03	-3.71E-01	-5.05E-03	-3.66E-01	0.00E+00	0.00E+00	-2.70E+00	-8.39E-04	-5.87E-04	-7.26E-03	0.00E+00	0.00E+00	-3.37E-09	-9.68E-08	-1.77E-02	-2.92E+00	0.00E+00	0.00E+00	-3.48E+00	0.00E+00	-3.58E+00	0.00E+00	-1.58E-08	-3.81E-08	-2.57E-03	0.00E+00	-6.95E-01	0.00E+00	-3.58E+00	-2.65E-05	-3.58E+00	-4.27E+00	-6.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02

MSN320	-1.94E-02	-7.04E-01	-7.88E-03	-6.96E-01	0.00E+00	0.00E+00	-5.26E+00	-1.82E-03	-1.10E-03	-1.38E-02	0.00E+00	0.00E+00	-4.72E-09	-2.13E-07	-3.62E-02	-1.92E+01	0.00E+00	0.00E+00	-5.74E+00	0.00E+00	-5.13E+00	0.00E+00	-2.41E-08	-6.72E-08	-4.43E-03	0.00E+00	-3.23E+00	0.00E+00	-5.13E+00	-5.80E-05	-5.13E+00	-8.36E+00	-3.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+02
MSN325	-1.94E-02	-7.07E-01	-7.92E-03	-6.99E-01	0.00E+00	0.00E+00	-5.27E+00	-1.83E-03	-1.10E-03	-1.38E-02	0.00E+00	0.00E+00	-4.75E-09	-2.13E-07	-3.62E-02	-1.92E+01	0.00E+00	0.00E+00	-5.76E+00	0.00E+00	-5.16E+00	0.00E+00	-2.42E-08	-6.74E-08	-4.44E-03	0.00E+00	-3.23E+00	0.00E+00	-5.16E+00	-5.81E-05	-5.16E+00	-8.39E+00	-3.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
MSN325QB	-2.03E-02	-4.37E-01	-5.36E-03	-3.60E-01	0.00E+00	0.00E+00	-3.91E+00	-1.90E-03	-7.70E-04	-1.22E-02	0.00E+00	0.00E+00	-4.14E-09	-2.18E-07	-2.10E-02	-2.60E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-2.97E+00	0.00E+00	-5.92E-09	-5.25E-08	-3.92E-03	0.00E+00	-6.91E-01	0.00E+00	-2.97E+00	-6.08E-05	-2.97E+00	-4.52E+00	-6.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MSN332	-3.23E-02	-7.66E-01	-1.02E-02	-7.55E-01	0.00E+00	0.00E+00	-8.36E+00	-3.12E-03	-1.65E-03	-2.08E-02	0.00E+00	0.00E+00	-6.04E-09	-3.64E-07	-3.84E-02	-2.02E+01	0.00E+00	0.00E+00	-8.03E+00	0.00E+00	-5.84E+00	0.00E+00	-2.81E-08	-8.88E-08	-6.36E-03	0.00E+00	-3.46E+00	0.00E+00	-5.84E+00	-9.51E-05	-5.84E+00	-9.30E+00	-3.46E+00	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
MSN332QB	-2.29E-02	-4.21E-01	-5.67E-03	-2.89E-01	0.00E+00	0.00E+00	-4.31E+00	-2.37E-03	-6.08E-04	-1.28E-02	0.00E+00	0.00E+00	-4.44E-09	-2.70E-07	-1.89E-02	-1.96E+00	0.00E+00	0.00E+00	-4.19E+00	0.00E+00	-2.78E+00	0.00E+00	-4.99E-09	-4.97E-08	-4.16E-03	0.00E+00	-6.51E-01	0.00E+00	-2.78E+00	-7.88E-05	-2.78E+00	-4.13E+00	-6.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MSN332R	-2.99E-02	-6.64E-01	-9.06E-03	-6.56E-01	0.00E+00	0.00E+00	-6.27E+00	-2.84E-03	-1.46E-03	-1.91E-02	0.00E+00	0.00E+00	-5.31E-09	-3.31E-07	-3.56E-02	-1.74E+01	0.00E+00	0.00E+00	-6.19E+00	0.00E+00	-5.44E+00	0.00E+00	-2.51E-08	-8.47E-08	-5.65E-03	0.00E+00	-2.79E+00	0.00E+00	-5.44E+00	-8.00E-05	-5.44E+00	-8.38E+00	-2.79E+00	0.00E+00	0.00E+00	0.00E+00	-2.70E+02
MSN340	-3.23E-02	-7.67E-01	-1.02E-02	-7.56E-01	0.00E+00	0.00E+00	-8.36E+00	-3.12E-03	-1.65E-03	-2.08E-02	0.00E+00	0.00E+00	-6.05E-09	-3.64E-07	-3.84E-02	-2.02E+01	0.00E+00	0.00E+00	-8.03E+00	0.00E+00	-5.85E+00	0.00E+00	-2.82E-08	-8.89E-08	-6.36E-03	0.00E+00	-3.46E+00	0.00E+00	-5.85E+00	-9.51E-05	-5.85E+00	-9.31E+00	-3.46E+00	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
MSN340QB	-2.54E-02	-4.19E-01	-5.96E-03	-3.15E-01	0.00E+00	0.00E+00	-5.87E+00	-2.95E-03	-8.49E-04	-1.66E-02	0.00E+00	0.00E+00	-5.05E-09	-3.04E-07	-1.92E-02	-1.99E+00	0.00E+00	0.00E+00	-5.32E+00	0.00E+00	-3.35E+00	0.00E+00	-5.71E-09	-5.33E-08	-4.43E-03	0.00E+00	-7.15E-01	0.00E+00	-3.35E+00	-8.33E-05	-3.35E+00	-4.71E+00	-7.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+02
MSN340R	-3.30E-02	-6.53E-01	-9.12E-03	-6.49E-01	0.00E+00	0.00E+00	-7.76E+00	-3.21E-03	-1.58E-03	-2.14E-02	0.00E+00	0.00E+00	-6.07E-09	-3.71E-07	-3.54E-02	-1.78E+01	0.00E+00	0.00E+00	-7.24E+00	0.00E+00	-5.35E+00	0.00E+00	-2.45E-08	-8.84E-08	-6.37E-03	0.00E+00	-2.89E+00	0.00E+00	-5.35E+00	-9.55E-05	-5.35E+00	-8.11E+00	-2.89E+00	0.00E+00	0.00E+00	0.00E+00	-3.07E+02
MSN350	-3.81E-02	-3.13E-01	-6.20E-03	-3.07E-01	0.00E+00	0.00E+00	-9.21E+00	-3.86E-03	-1.68E-03	-2.16E-02	0.00E+00	0.00E+00	-6.55E-09	-4.48E-07	-3.32E-05	-3.49E+00	0.00E+00	0.00E+00	-7.69E+00	0.00E+00	-2.25E+00	0.00E+00	-2.23E-09	-7.74E-08	-6.52E-03	0.00E+00	-7.65E-01	0.00E+00	-2.25E+00	-1.12E-04	-2.25E+00	-3.01E+00	-7.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+02
MSN363	-3.74E-02	-4.91E-02	-3.10E-04	-4.88E-02	0.00E+00	0.00E+00	-7.57E+00	-3.86E-03	-1.48E-03	-1.93E-02	0.00E+00	0.00E+00	-4.81E-09	-4.47E-07	8.96E-03	-3.20E+00	0.00E+00	0.00E+00	-5.92E+00	0.00E+00	8.79E-01	0.00E+00	1.55E-08	-5.93E-08	-5.50E-03	0.00E+00	-5.39E-01	0.00E+00	8.79E-01	-1.10E-04	8.79E-01	3.40E-01	-5.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
MSN363R	-4.04E-02	-8.22E-01	-1.19E-02	-8.10E-01	0.00E+00	0.00E+00	-1.04E+01	-3.94E-03	-2.01E-03	-2.54E-02	0.00E+00	0.00E+00	-7.13E-09	-4.59E-07	-4.00E-02	-2.03E+01	0.00E+00	0.00E+00	-9.63E+00	0.00E+00	-6.53E+00	0.00E+00	-3.16E-08	-1.04E-07	-7.69E-03	0.00E+00	-3.54E+00	0.00E+00	-6.53E+00	-1.16E-04	-6.53E+00	-1.01E+01	-3.54E+00	0.00E+00	0.00E+00	0.00E+00	-4.06E+02
MSN463R	-4.18E-02	-2.42E-01	-6.28E-03	-2.13E-01	0.00E+00	0.00E+00	-9.84E+00	-3.97E-03	-1.66E-03	-2.55E-02	0.00E+00	0.00E+00	-7.81E-09	-4.43E-07	1.36E-03	-4.52E+00	0.00E+00	0.00E+00	-8.27E+00	0.00E+00	-2.03E+00	0.00E+00	-9.50E-09	-9.15E-08	-7.65E-03	0.00E+00	-1.28E+00	0.00E+00	-2.03E+00	-1.22E-04	-2.03E+00	-3.45E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-3.71E+02
MT106A	-4.20E-03	-1.81E-01	-1.42E-03	-1.72E-01	0.00E+00	0.00E+00	-1.69E+00	-4.44E-04	-2.67E-04	-3.56E-03	0.00E+00	0.00E+00	-1.30E-09	-6.00E-08	-6.38E-03	-5.16E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-1.32E+00	0.00E+00	-5.85E-09	-1.95E-08	-1.26E-03	0.00E+00	-7.45E-01	0.00E+00	-1.32E+00	-1.43E-05	-1.32E+00	-2.03E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-7.29E+01
MT110A	-2.17E-03	-1.14E-01	-1.39E-04	-1.10E-01	0.00E+00	0.00E+00	-9.64E-01	-2.17E-04	-1.11E-04	-1.54E-03	0.00E+00	0.00E+00	-6.56E-10	-2.66E-08	-9.26E-04	-4.05E+00	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-1.06E+00	0.00E+00	-3.04E-09	-1.29E-08	-5.59E-04	0.00E+00	-5.02E-01	0.00E+00	-1.06E+00	-7.11E-06	-1.06E+00	-1.46E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
MT116A	-2.27E-03	-1.15E-01	-3.07E-04	-1.16E-01	0.00E+00	0.00E+00	-1.07E+00	-2.32E-04	-1.21E-04	-1.48E-03	0.00E+00	0.00E+00	-5.91E-10	-2.93E-08	-5.67E-04	-3.22E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-1.15E+00	0.00E+00	-3.09E-09	-1.47E-08	-5.93E-04	0.00E+00	-4.45E-01	0.00E+00	-1.15E+00	-7.03E-06	-1.15E+00	-1.59E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.55E+01
MT120A	-2.31E-03	-1.30E-01	-2.91E-04	-1.15E-01	0.00E+00	0.00E+00	-1.09E+00	-2.33E-04	-1.30E-04	-1.52E-03	0.00E+00	0.00E+00	-6.27E-10	-3.15E-08	-2.26E-03	-3.19E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-1.14E+00	0.00E+00	-3.09E-09	-1.53E-08	-6.84E-04	0.00E+00	-4.86E-01	0.00E+00	-1.14E+00	-7.40E-06	-1.14E+00	-1.70E+00	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
MT125A	-6.25E-03	-1.92E-01	-1.53E-03	-1.73E-01	0.00E+00	0.00E+00	-2.56E+00	-5.99E-04	-2.86E-04	-3.91E-03	0.00E+00	0.00E+00	-1.31E-09	-9.96E-08	-8.00E-03	-9.28E+00	0.00E+00	0.00E+00	-2.10E+00	0.00E+00	-1.40E+00	0.00E+00	-5.93E-09	-2.21E-08	-1.78E-03	0.00E+00	-9.57E-01	0.00E+00	-1.40E+00	-1.98E-05	-1.40E+00	-2.14E+00	-9.57E-01	0.00E+00	0.00E+00	0.00E+00	-8.89E+01
MT132A	-8.06E-03	-2.07E-01	-1.58E-03	-1.91E-01	0.00E+00	0.00E+00	-2.79E+00	-8.97E-04	-3.27E-04	-4.70E-03	0.00E+00	0.00E+00	-1.65E-09	-1.04E-07	-7.73E-03	-9.19E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-1.41E+00	0.00E+00	-6.32E-09	-2.36E-08	-2.14E-03	0.00E+00	-8.95E-01	0.00E+00	-1.41E+00	-2.60E-05	-1.41E+00	-2.23E+00	-8.95E-01	0.00E+00	0.00E+00	0.00E+00	-9.78E+01
MT140A	-7.94E-03	-2.06E-01	-1.52E-03	-1.91E-01	0.00E+00	0.00E+00	-2.72E+00	-9.83E-04	-3.29E-04	-5.01E-03	0.00E+00	0.00E+00	-1.67E-09	-1.11E-07	-7.85E-03	-8.98E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.42E+00	0.00E+00	-6.44E-09	-2.39E-08	-2.14E-03	0.00E+00	-8.99E-01	0.00E+00	-1.42E+00	-2.51E-05	-1.42E+00	-2.25E+00	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
MT150A	-7.69E-03	-1.94E-01	5.37E-04	-8.95E-02	0.00E+00	0.00E+00	-8.27E-01	-7.82E-04	6.58E-04	-4.26E-03	0.00E+00	0.00E+00	-1.03E-09	-9.24E-08	-3.23E-03	-1.67E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-7.84E-01	0.00E+00	-5.22E-09	-1.57E-08	-7.83E-04	0.00E+00	-2.34E-01	0.00E+00	-7.84E-01	-1.85E-05	-7.84E-01	-1.06E+00	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-4.60E+01
MT163A	-8.78E-03	-8.83E-02	7.59E-04	-7.73E-02	0.00E+00	0.00E+00	-2.15E+00	-9.45E-04	7.55E-05	-4.95E-03	0.00E+00	0.00E+00	-1.45E-09	-1.05E-07	-3.15E-03	-4.38E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-1.53E-01	0.00E+00	2.72E-09	-1.87E-08	-1.53E-03	0.00E+00	-5.41E-01	0.00E+00	-1.53E-01	-2.53E-05	-1.53E-01	-8.74E-01	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
MT206A	-6.18E-03	-2.58E-01	-2.40E-03	-2.81E-01	0.00E+00	0.00E+00	-2.32E+00	-5.35E-04	-4.92E-04	-5.72E-03	0.00E+00	0.00E+00	-2.67E-09	-7.95E-08	-1.90E-02	-5.49E+00	0.00E+00	0.00E+00	-2.84E+00	0.00E+00	-2.54E+00	0.00E+00	-1.17E-08	-3.23E-08	-1.87E-03	0.00E+00	-9.12E-01	0.00E+00	-2.54E+00	-2.01E-05	-2.54E+00	-3.69E+00	-9.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MT210A	-5.56E-03	-2.25E-01	-1.76E-03	-2.49E-01	0.00E+00	0.00E+00	-2.04E+00	-5.17E-04	-3.32E-04	-4.40E-03	0.00E+00	0.00E+00	-2.31E-09	-6.29E-08	-1.73E-02	-5.69E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-2.49E+00	0.00E+00	-1.14E-08	-2.84E-08	-1.56E-03	0.00E+00	-6.41E-01	0.00E+00	-2.49E+00	-1.72E-05	-2.49E+00	-3.19E+00	-6.41E-01	0.00E+00	0.00E+00	0.00E+00	-9.92E+01
MT216A	-4.83E-03	-8.06E-03	2.92E-03	-1.09E-02	0.00E+00	0.00E+00	-3.56E-01	-3.80E-04	1.65E-04	-2.26E-03	0.00E+00	0.00E+00	-1.73E-09	-4.14E-08	-6.33E-03	-1.09E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	1.63E-01	0.00E+00	4.68E-09	-1.30E-08	-9.84E-04	0.00E+00	-1.90E-01	0.00E+00	1.63E-01	-1.57E-05	1.63E-01	-9.42E-02	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-4.73E+01
MT220A	-6.38E-03	-2.51E-01	-1.75E-03	-2.69E-01	0.00E+00	0.00E+00	-2.84E+00	-8.20E-04	-3.93E-04	-4.73E-03	0.00E+00	0.00E+00	-2.65E-09	-9.10E-08	-1.94E-02	-1.06E+01	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-2.66E+00	0.00E+00	-1.20E-08	-3.32E-08	-2.17E-03	0.00E+00	-1.06E+00	0.00E+00	-2.66E+00	-2.42E-05	-2.66E+00	-3.69E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MT225A	-9.95E-03	-2.59E-01	-2.20E-03	-2.58E-01	0.00E+00	0.00E+00	-3.37E+00	-9.83E-04	-5.46E-04	-6.83E-03	0.00E+00	0.00E+00	-2.77E-09	-1.24E-07	-1.74E-02	-1.08E+01	0.00E+00	0.00E+00	-3.22E+00	0.00E+00	-2.31E+00	0.00E+00	-1.06E-08	-3.70E-08	-2.55E-03	0.00E+00	-1.13E+00	0.00E+00	-2.31E+00	-3.22E-05	-2.31E+00	-3.32E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MT232A	-9.77E-03	-4.91E-01	-5.10E-03	-4.44E-01	0.00E+00	0.00E+00	-3.76E+00	-1.02E-03	-6.18E-04	-7.50E-03	0.00E+00	0.00E+00	-3.20E-09	-1.07E-07	-2.15E-02	-1.20E+01	0.00E+00	0.00E+00	-4.15E+00	0.00E+00	-3.69E+00	0.00E+00	-1.54E-08	-4.08E-08	-2.82E-03	0.00E+00	-1.27E+00	0.00E+00	-3.69E+00	-3.23E-05	-3.69E+00	-5.41E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MT240A	-1.52E-02	-2.82E-01	-2.93E-03	-2.97E-01	0.00E+00	0.00E+00	-4.86E+00	-1.27E-03	-7.37E-04	-1.02E-02	0.00E+00	0.00E+00	-3.34E-09	-2.06E-07	-2.05E-02	-1.16E+01	0.00E+00	0.00E+00	-4.38E+00	0.00E+00	-2.74E+00	0.00E+00	-1.31E-08	-4.80E-08	-3.31E-03	0.00E+00	-1.22E+00	0.00E+00	-2.74E+00	-4.89E-05	-2.74E+00	-4.49E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MT250A	-9.73E-03	-2.41E-01	1.74E-04	-1.42E-01	0.00E+00	0.00E+00	-1.07E+00	-1.04E-03	1.03E-03	-5.83E-03	0.00E+00	0.00E+00	-2.30E-09	-8.31E-08	-9.22E-03	-3.04E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-1.31E+00	0.00E+00	-5.17E-09	-3.12E-08	-1.28E-03	0.00E+00	-5.53E-01	0.00E+00	-1.31E+00	-2.86E-05	-1.31E+00	-1.78E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MT263A	-1.84E-02	-8.98E-02	-1.10E-03	-8.58E-02	0.00E+00	0.00E+00	-4.34E+00	-1.46E-03	3.08E-05	-5.35E-03	0.00E+00	0.00E+00	-3.18E-09	-1.99E-07	-8.33E-03	-3.83E+00	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-5.96E-01	0.00E+00	2.70E-09	-3.81E-08	-2.70E-03	0.00E+00	-8.38E-01	0.00E+00	-5.96E-01	-5.23E-05	-5.96E-01	-1.22E+00	-8.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
MT306A	-6.54E-03	-2.05E-02	4.54E-03	8.65E-03	0.00E+00	0.00E+00	-3.98E-01	-5.83E-04	1.39E-04	-4.71E-03	0.00E+00	0.00E+00	-1.61E-09	-8.14E-08	-3.36E-03	-1.27E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	2.97E-01	0.00E+00	5.16E-09	-1.58E-08	-1.31E-03	0.00E+00	-1.91E-01	0.00E+00	2.97E-01	-1.82E-05	2.97E-01	1.01E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-5.00E+01
MT310A	-5.43E-03	-4.28E-02	3.62E-03	-2.53E-02	0.00E+00	0.00E+00	-5.33E-01	-5.45E-04	2.04E-04	-3.80E-03	0.00E+00	0.00E+00	-1.94E-09	-7.14E-08	-5.51E-03	-1.31E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	3.66E-01	0.00E+00	5.37E-09	-1.91E-08	-1.30E-03	0.00E+00	-2.57E-01	0.00E+00	3.66E-01	-1.82E-05	3.66E-01	1.04E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
MT316A	-5.51E-03	-2.07E-02	3.00E-03	-3.03E-02	0.00E+00	0.00E+00	-6.02E-01	-4.81E-04	2.60E-04	-3.88E-03	0.00E+00	0.00E+00	-2.48E-09	-8.80E-08	-3.84E-03	-1.26E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	7.84E-02	0.00E+00	4.39E-09	-2.22E-08	-1.41E-03	0.00E+00	-2.22E-01	0.00E+00	7.84E-02	-1.65E-05	7.84E-02	-4.40E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.75E+01
MT320A	-1.13E-02	-3.21E-02	2.57E-03	-3.10E-02	0.00E+00	0.00E+00	-6.25E-01	-1.00E-03	-3.87E-05	-5.08E-03	0.00E+00	0.00E+00	-2.42E-09	-1.25E-07	-2.60E-03	-1.36E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	2.27E-01	0.00E+00	4.42E-09	-2.77E-08	-1.37E-03	0.00E+00	-2.33E-01	0.00E+00	2.27E-01	-2.36E-05	2.27E-01	-1.80E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-7.14E+01
MT325A	-1.28E-02	9.10E-02	4.41E-03	8.10E-02	0.00E+00	0.00E+00	-3.85E-01	-1.41E-03	-2.99E-05	-3.51E-03	0.00E+00	0.00E+00	-1.74E-09	-1.49E-07	-4.06E-03	-1.36E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	8.33E-01	0.00E+00	9.00E-09	-2.53E-08	-1.15E-03	0.00E+00	-2.27E-01	0.00E+00	8.33E-01	-1.53E-05	8.33E-01	4.20E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.52E+01
MT332A	-2.70E-02	-2.91E-01	-5.82E-03	-3.40E-01	0.00E+00	0.00E+00	-5.84E+00	-2.57E-03	-1.09E-03	-1.86E-02	0.00E+00	0.00E+00	-5.41E-09	-3.27E-07	-3.36E-02	-1.50E+01	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-3.89E+00	0.00E+00	-1.76E-08	-8.04E-08	-5.72E-03	0.00E+00	-1.37E+00	0.00E+00	-3.89E+00	-7.43E-05	-3.89E+00	-5.66E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MT340A	-3.06E-02	-2.61E-01	-6.35E-03	-3.79E-01	0.00E+00	0.00E+00	-7.61E+00	-2.81E-03	-1.39E-03	-2.19E-02	0.00E+00	0.00E+00	-5.92E-09	-3.72E-07	-3.33E-02	-1.59E+01	0.00E+00	0.00E+00	-6.96E+00	0.00E+00	-3.98E+00	0.00E+00	-1.86E-08	-8.59E-08	-6.34E-03	0.00E+00	-1.50E+00	0.00E+00	-3.98E+00	-9.61E-05	-3.98E+00	-5.72E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
MT350A	-4.55E-02	-2.99E-01	-6.54E-03	-1.98E-01	0.00E+00	0.00E+00	-5.96E+00	-4.29E-03	-1.55E-03	-2.48E-02	0.00E+00	0.00E+00	-5.30E-09	-5.20E-07	-1.32E-02	-4.16E+00	0.00E+00	0.00E+00	-5.92E+00	0.00E+00	-2.44E+00	0.00E+00	-9.85E-09	-9.10E-08	-6.74E-03	0.00E+00	-9.85E-01	0.00E+00	-2.44E+00	-1.25E-04	-2.44E+00	-3.68E+00	-9.85E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+02
MT363A	-3.45E-02	-2.50E-02	-2.97E-03	-1.49E-01	0.00E+00	0.00E+00	-7.07E+00	-2.91E-03	-1.52E-03	-1.95E-02	0.00E+00	0.00E+00	-5.61E-09	-3.95E-07	-1.27E-02	-3.46E+00	0.00E+00	0.00E+00	-6.01E+00	0.00E+00	-7.18E-01	0.00E+00	5.26E-09	-6.85E-08	-5.35E-03	0.00E+00	-6.00E-01	0.00E+00	-7.18E-01	-1.11E-04	-7.18E-01	-1.21E+00	-6.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
MTN106	-2.38E-04	-8.92E-02	-3.57E-04	-8.89E-02	0.00E+00	0.00E+00	-1.77E-01	-3.02E-05	9.48E-05	-8.68E-04	0.00E+00	0.00E+00	-8.11E-10	-1.09E-09	-5.44E-04	-5.15E-01	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-7.88E-01	0.00E+00	-2.91E-09	-7.16E-09	-4.19E-04	0.00E+00	-1.06E-01	0.00E+00	-7.88E-01	-1.60E-06	-7.88E-01	-8.94E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MTN110	1.82E-04	2.53E-03	1.40E-03	1.13E-03	0.00E+00	0.00E+00	3.95E-01	-6.38E-06	1.35E-04	7.12E-05	0.00E+00	0.00E+00	-1.71E-10	1.49E-09	2.12E-03	-4.78E-01	0.00E+00	0.00E+00	1.22E-01	0.00E+00	2.80E-01	0.00E+00	2.97E-09	-3.84E-10	-1.74E-05	0.00E+00	-4.39E-02	0.00E+00	2.80E-01	-3.62E-07	2.80E-01	2.36E-01	-4.39E-02	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MTN116	-2.00E-03	1.04E-01	1.88E-03	1.02E-01	0.00E+00	0.00E+00	2.80E-02	-2.33E-04	-1.19E-05	-2.61E-04	0.00E+00	0.00E+00	-2.31E-10	-2.60E-08	3.48E-03	-3.81E-01	0.00E+00	0.00E+00	-7.29E-02	0.00E+00	6.64E-01	0.00E+00	6.16E-09	-1.33E-09	-1.16E-04	0.00E+00	-1.92E-02	0.00E+00	6.64E-01	-6.62E-06	6.64E-01	6.45E-01	-1.92E-02	0.00E+00	0.00E+00	0.00E+00	-6.57E+00
MTN120	4.30E-04	4.92E-02	2.52E-03	4.67E-02	0.00E+00	0.00E+00	6.65E-01	1.35E-06	1.94E-04	5.10E-04	0.00E+00	0.00E+00	1.11E-10	2.91E-09	3.63E-03	-1.35E-01	0.00E+00	0.00E+00	5.01E-01	0.00E+00	7.93E-01	0.00E+00	5.96E-09	2.74E-09	1.54E-04	0.00E+00	4.33E-02	0.00E+00	7.93E-01	1.99E-07	7.93E-01	8.36E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
MTN125	-4.03E-04	1.67E-02	2.21E-03	2.45E-02	0.00E+00	0.00E+00	-3.15E-01	-1.27E-04	1.91E-04	-1.03E-03	0.00E+00	0.00E+00	-2.18E-10	-2.99E-09	1.19E-03	-2.84E-01	0.00E+00	0.00E+00	-2.00E-01	0.00E+00	1.53E-02	0.00E+00	3.60E-09	-1.43E-09	-1.84E-04	0.00E+00	-8.07E-03	0.00E+00	1.53E-02	-1.92E-06	1.53E-02	2.14E-02	-8.07E-03	0.00E+00	0.00E+00	0.00E+00	-6.91E+00
MTN132	1.37E-03	1.49E-01	4.22E-03	1.45E-01	0.00E+00	0.00E+00	8.08E-01	-4.93E-06	9.13E-04	1.29E-03	0.00E+00	0.00E+00	-1.03E-10	9.21E-09	-1.13E-04	2.49E-01	0.00E+00	0.00E+00	3.99E-01	0.00E+00	9.48E-01	0.00E+00	9.64E-09	3.35E-09	3.22E-04	0.00E+00	7.26E-02	0.00E+00	9.48E-01	-3.23E-07	9.48E-01	1.02E+00	7.26E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
MTN140	1.14E-03	9.54E-02	3.38E-03	9.20E-02	0.00E+00	0.00E+00	5.08E-01	-1.58E-05	8.71E-04	7.96E-04	0.00E+00	0.00E+00	-3.30E-10	7.85E-09	-1.83E-03	-3.59E-01	0.00E+00	0.00E+00	2.20E-01	0.00E+00	3.71E-01	0.00E+00	6.04E-09	-1.34E-10	1.22E-04	0.00E+00	-3.51E-02	0.00E+00	3.71E-01	-7.92E-07	3.71E-01	3.36E-01	-3.51E-02	0.00E+00	0.00E+00	0.00E+00	6.85E+00
MTN150	-1.13E-03	2.56E-02	3.13E-03	2.47E-02	0.00E+00	0.00E+00	2.36E-01	-2.93E-04	6.06E-04	-8.99E-04	0.00E+00	0.00E+00	-6.24E-10	-2.64E-08	-2.23E-03	-7.66E-01	0.00E+00	0.00E+00	1.22E-02	0.00E+00	2.13E-01	0.00E+00	3.56E-09	-4.62E-09	-5.10E-05	0.00E+00	-1.59E-01	0.00E+00	2.13E-01	-1.16E-05	2.13E-01	1.91E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+00
MTN163	-7.98E-04	2.88E-02	3.18E-03	3.10E-02	0.00E+00	0.00E+00	1.34E-01	-1.97E-04	7.47E-04	-1.62E-03	0.00E+00	0.00E+00	-6.14E-10	-2.47E-08	-2.26E-03	-4.48E-01	0.00E+00	0.00E+00	-1.11E-01	0.00E+00	1.38E-01	0.00E+00	3.87E-09	-5.93E-09	-2.09E-05	0.00E+00	-1.66E-01	0.00E+00	1.38E-01	-1.60E-05	1.38E-01	7.66E-02	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-8.68E+00
MU102A	-5.66E-03	-1.91E-01	-9.50E-04	-1.70E-01	0.00E+00	0.00E+00	-1.78E+00	-4.78E-04	-1.84E-04	-3.81E-03	0.00E+00	0.00E+00	-1.25E-09	-6.07E-08	-5.15E-03	-5.64E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.17E+00	0.00E+00	-5.79E-09	-1.87E-08	-1.17E-03	0.00E+00	-8.75E-01	0.00E+00	-1.17E+00	-1.57E-05	-1.17E+00	-1.84E+00	-8.75E-01	0.00E+00	0.00E+00	0.00E+00	-7.15E+01
MU104A	-5.46E-03	-1.91E-01	-9.59E-04	-1.62E-01	0.00E+00	0.00E+00	-1.80E+00	-4.63E-04	-1.93E-04	-3.82E-03	0.00E+00	0.00E+00	-1.24E-09	-6.08E-08	-5.10E-03	-5.65E+00	0.00E+00	0.00E+00	-1.58E+00	0.00E+00	-1.15E+00	0.00E+00	-5.72E-09	-1.88E-08	-1.15E-03	0.00E+00	-8.68E-01	0.00E+00	-1.15E+00	-1.57E-05	-1.15E+00	-1.84E+00	-8.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MU106A	-4.20E-03	-1.59E-01	-1.18E-03	-1.56E-01	0.00E+00	0.00E+00	-1.50E+00	-4.31E-04	-2.26E-04	-3.54E-03	0.00E+00	0.00E+00	-1.27E-09	-5.87E-08	-5.00E-03	-5.16E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-1.21E+00	0.00E+00	-5.82E-09	-1.77E-08	-1.14E-03	0.00E+00	-6.55E-01	0.00E+00	-1.21E+00	-1.37E-05	-1.21E+00	-1.78E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-6.59E+01
MU110A	-1.05E-03	2.54E-02	1.19E-03	3.00E-03	0.00E+00	0.00E+00	1.12E-01	-1.15E-04	1.27E-04	-7.32E-04	0.00E+00	0.00E+00	-7.95E-10	-1.37E-08	-3.53E-03	-8.34E-01	0.00E+00	0.00E+00	-2.11E-01	0.00E+00	2.96E-01	0.00E+00	2.57E-09	-4.25E-09	-3.14E-04	0.00E+00	-1.87E-01	0.00E+00	2.96E-01	-2.65E-06	2.96E-01	1.44E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
MU116A	-1.50E-03	2.53E-02	1.29E-03	2.34E-03	0.00E+00	0.00E+00	7.40E-02	-1.39E-04	1.27E-04	-8.39E-04	0.00E+00	0.00E+00	-7.88E-10	-1.60E-08	-3.28E-03	-7.95E-01	0.00E+00	0.00E+00	-2.43E-01	0.00E+00	1.46E-01	0.00E+00	2.52E-09	-4.61E-09	-3.30E-04	0.00E+00	-1.67E-01	0.00E+00	1.46E-01	-2.82E-06	1.46E-01	7.33E-02	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
MU120A	-1.73E-03	1.72E-02	1.78E-03	2.62E-02	0.00E+00	0.00E+00	8.72E-02	-1.42E-04	1.25E-04	-7.89E-04	0.00E+00	0.00E+00	-5.72E-10	-1.83E-08	-2.37E-03	-4.06E-01	0.00E+00	0.00E+00	-1.40E-01	0.00E+00	3.11E-01	0.00E+00	2.91E-09	-4.14E-09	-2.44E-04	0.00E+00	-1.27E-01	0.00E+00	3.11E-01	-4.61E-06	3.11E-01	2.28E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.12E+00
MU125A	-7.09E-03	-1.97E-01	-1.51E-03	-1.78E-01	0.00E+00	0.00E+00	-2.60E+00	-6.40E-04	-3.22E-04	-4.09E-03	0.00E+00	0.00E+00	-1.51E-09	-9.51E-08	-7.97E-03	-9.29E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.40E+00	0.00E+00	-6.02E-09	-2.23E-08	-1.83E-03	0.00E+00	-9.76E-01	0.00E+00	-1.40E+00	-2.01E-05	-1.40E+00	-2.18E+00	-9.76E-01	0.00E+00	0.00E+00	0.00E+00	-9.12E+01
MU132A	-7.94E-03	-2.05E-01	-1.58E-03	-1.82E-01	0.00E+00	0.00E+00	-2.79E+00	-9.07E-04	-3.27E-04	-4.56E-03	0.00E+00	0.00E+00	-1.65E-09	-1.05E-07	-7.60E-03	-9.19E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-1.41E+00	0.00E+00	-6.34E-09	-2.34E-08	-2.14E-03	0.00E+00	-8.69E-01	0.00E+00	-1.41E+00	-2.54E-05	-1.41E+00	-2.23E+00	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-9.78E+01
MU140A	-7.87E-03	-2.03E-01	-1.49E-03	-1.81E-01	0.00E+00	0.00E+00	-2.73E+00	-9.79E-04	-3.29E-04	-4.99E-03	0.00E+00	0.00E+00	-1.65E-09	-1.11E-07	-7.70E-03	-8.98E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-1.42E+00	0.00E+00	-6.49E-09	-2.34E-08	-2.13E-03	0.00E+00	-8.73E-01	0.00E+00	-1.42E+00	-2.49E-05	-1.42E+00	-2.24E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-9.75E+01
MU150A	-5.56E-03	-5.19E-02	2.79E-04	-6.33E-02	0.00E+00	0.00E+00	-1.43E+00	-6.33E-04	1.49E-04	-5.18E-03	0.00E+00	0.00E+00	-1.40E-09	-1.05E-07	-3.01E-03	-4.39E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-3.06E-01	0.00E+00	3.37E-09	-1.35E-08	-1.52E-03	0.00E+00	-4.87E-01	0.00E+00	-3.06E-01	-1.89E-05	-3.06E-01	-7.22E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-5.89E+01
MU163A	-8.77E-03	-8.83E-02	7.59E-04	-7.73E-02	0.00E+00	0.00E+00	-2.16E+00	-9.45E-04	7.88E-05	-4.95E-03	0.00E+00	0.00E+00	-1.45E-09	-1.05E-07	-3.13E-03	-4.38E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-1.53E-01	0.00E+00	2.72E-09	-1.87E-08	-1.53E-03	0.00E+00	-5.38E-01	0.00E+00	-1.53E-01	-2.53E-05	-1.53E-01	-8.74E-01	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
MU202A	-6.72E-03	-2.62E-01	-1.79E-03	-2.37E-01	0.00E+00	0.00E+00	-2.60E+00	-5.09E-04	-2.67E-04	-4.93E-03	0.00E+00	0.00E+00	-2.43E-09	-7.15E-08	-1.34E-02	-5.86E+00	0.00E+00	0.00E+00	-2.70E+00	0.00E+00	-2.29E+00	0.00E+00	-1.07E-08	-2.92E-08	-1.60E-03	0.00E+00	-9.35E-01	0.00E+00	-2.29E+00	-2.27E-05	-2.29E+00	-3.26E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MU206A	-5.92E-03	-2.16E-01	-1.82E-03	-2.23E-01	0.00E+00	0.00E+00	-1.96E+00	-5.12E-04	-2.89E-04	-5.04E-03	0.00E+00	0.00E+00	-2.29E-09	-7.20E-08	-1.51E-02	-5.00E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-1.89E+00	0.00E+00	-9.26E-09	-2.60E-08	-1.40E-03	0.00E+00	-7.29E-01	0.00E+00	-1.89E+00	-1.80E-05	-1.89E+00	-2.70E+00	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	-9.31E+01
MU210A	-2.62E-03	2.70E-02	2.19E-03	2.31E-03	0.00E+00	0.00E+00	1.50E-01	-2.75E-04	1.46E-04	-1.66E-03	0.00E+00	0.00E+00	-7.44E-10	-2.30E-08	-7.67E-03	-6.06E-01	0.00E+00	0.00E+00	-2.96E-01	0.00E+00	4.65E-01	0.00E+00	2.57E-09	-5.48E-09	-2.83E-04	0.00E+00	-1.40E-01	0.00E+00	4.65E-01	-7.87E-06	4.65E-01	3.18E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MU216A	-5.55E-03	-3.06E-02	2.00E-03	1.76E-04	0.00E+00	0.00E+00	-9.42E-01	-5.76E-04	9.55E-05	-2.61E-03	0.00E+00	0.00E+00	-1.41E-09	-8.29E-08	-3.82E-03	-1.53E+00	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-3.20E-01	0.00E+00	5.27E-09	-1.43E-08	-1.33E-03	0.00E+00	-2.88E-01	0.00E+00	-3.20E-01	-1.57E-05	-3.20E-01	-8.76E-02	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
MU220A	-6.26E-03	-2.26E-01	-1.74E-03	-2.44E-01	0.00E+00	0.00E+00	-2.36E+00	-6.94E-04	-3.34E-04	-4.51E-03	0.00E+00	0.00E+00	-2.54E-09	-8.07E-08	-1.82E-02	-9.37E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-2.54E+00	0.00E+00	-1.20E-08	-3.12E-08	-1.91E-03	0.00E+00	-7.36E-01	0.00E+00	-2.54E+00	-2.27E-05	-2.54E+00	-3.38E+00	-7.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MU225A	-1.01E-02	-2.77E-01	-2.37E-03	-2.90E-01	0.00E+00	0.00E+00	-3.44E+00	-9.93E-04	-5.87E-04	-6.75E-03	0.00E+00	0.00E+00	-2.97E-09	-1.22E-07	-2.02E-02	-1.14E+01	0.00E+00	0.00E+00	-3.55E+00	0.00E+00	-2.76E+00	0.00E+00	-1.26E-08	-3.86E-08	-2.61E-03	0.00E+00	-1.24E+00	0.00E+00	-2.76E+00	-3.32E-05	-2.76E+00	-4.12E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MU232A	-9.84E-03	-4.91E-01	-5.10E-03	-4.43E-01	0.00E+00	0.00E+00	-3.77E+00	-1.02E-03	-6.18E-04	-7.50E-03	0.00E+00	0.00E+00	-3.12E-09	-1.07E-07	-2.17E-02	-1.20E+01	0.00E+00	0.00E+00	-4.16E+00	0.00E+00	-3.75E+00	0.00E+00	-1.56E-08	-4.09E-08	-2.81E-03	0.00E+00	-1.26E+00	0.00E+00	-3.75E+00	-3.23E-05	-3.75E+00	-5.42E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
MU240A	-1.51E-02	-4.92E-01	-5.71E-03	-4.48E-01	0.00E+00	0.00E+00	-4.98E+00	-1.31E-03	-8.53E-04	-1.04E-02	0.00E+00	0.00E+00	-3.36E-09	-2.01E-07	-2.21E-02	-1.23E+01	0.00E+00	0.00E+00	-4.83E+00	0.00E+00	-3.80E+00	0.00E+00	-1.66E-08	-4.95E-08	-3.34E-03	0.00E+00	-1.29E+00	0.00E+00	-3.80E+00	-4.71E-05	-3.80E+00	-5.79E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
MU250A	-1.10E-02	-8.43E-02	1.67E-04	-1.06E-01	0.00E+00	0.00E+00	-3.38E+00	-8.27E-04	-3.82E-06	-3.22E-03	0.00E+00	0.00E+00	-2.29E-09	-6.82E-08	-7.33E-03	-3.83E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-9.66E-01	0.00E+00	3.31E-09	-2.01E-08	-1.23E-03	0.00E+00	-7.29E-01	0.00E+00	-9.66E-01	-2.69E-05	-9.66E-01	-1.54E+00	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MU263A	-1.90E-02	-2.32E-01	-3.02E-03	-1.32E-01	0.00E+00	0.00E+00	-4.58E+00	-1.51E-03	-1.67E-04	-5.24E-03	0.00E+00	0.00E+00	-3.20E-09	-1.99E-07	-9.42E-03	-3.98E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-1.43E+00	0.00E+00	1.10E-09	-3.90E-08	-2.71E-03	0.00E+00	-8.66E-01	0.00E+00	-1.43E+00	-5.31E-05	-1.43E+00	-2.34E+00	-8.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
MU302A	-1.39E-02	-2.62E-01	-3.78E-03	-2.50E-01	0.00E+00	0.00E+00	-3.34E+00	-1.63E-03	-7.48E-04	-1.06E-02	0.00E+00	0.00E+00	-4.00E-09	-1.48E-07	-2.43E-02	-5.72E+00	0.00E+00	0.00E+00	-4.43E+00	0.00E+00	-3.31E+00	0.00E+00	-1.56E-08	-5.11E-08	-3.57E-03	0.00E+00	-9.10E-01	0.00E+00	-3.31E+00	-4.05E-05	-3.31E+00	-4.50E+00	-9.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
MU306A	-6.25E-03	-7.54E-02	3.59E-03	-5.33E-02	0.00E+00	0.00E+00	-2.97E-01	-5.78E-04	1.24E-04	-4.65E-03	0.00E+00	0.00E+00	-1.56E-09	-7.80E-08	-8.01E-03	-1.39E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-4.47E-02	0.00E+00	2.78E-09	-1.87E-08	-1.28E-03	0.00E+00	-2.21E-01	0.00E+00	-4.47E-02	-1.85E-05	-4.47E-02	-6.58E-02	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MU310A	-5.54E-03	-3.40E-02	3.89E-03	-4.91E-03	0.00E+00	0.00E+00	-5.49E-01	-5.01E-04	1.83E-04	-4.31E-03	0.00E+00	0.00E+00	-2.02E-09	-7.65E-08	-5.77E-03	-1.34E+00	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	4.65E-01	0.00E+00	5.96E-09	-1.99E-08	-1.45E-03	0.00E+00	-2.50E-01	0.00E+00	4.65E-01	-1.80E-05	4.65E-01	7.90E-02	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-6.35E+01
MU316A	-5.90E-03	-9.08E-02	1.61E-03	-9.22E-02	0.00E+00	0.00E+00	-4.77E-01	-4.32E-04	3.09E-04	-3.69E-03	0.00E+00	0.00E+00	-2.50E-09	-5.37E-08	-9.50E-03	-1.35E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-4.27E-01	0.00E+00	-2.91E-10	-2.46E-08	-1.44E-03	0.00E+00	-2.52E-01	0.00E+00	-4.27E-01	-1.39E-05	-4.27E-01	-7.12E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MU320A	-1.59E-02	-5.24E-01	-7.41E-03	-5.72E-01	0.00E+00	0.00E+00	-3.96E+00	-1.42E-03	-8.22E-04	-1.07E-02	0.00E+00	0.00E+00	-4.03E-09	-1.59E-07	-3.19E-02	-1.24E+01	0.00E+00	0.00E+00	-4.74E+00	0.00E+00	-4.77E+00	0.00E+00	-2.32E-08	-5.36E-08	-3.51E-03	0.00E+00	-8.99E-01	0.00E+00	-4.77E+00	-3.91E-05	-4.77E+00	-6.58E+00	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MU325A	-2.18E-02	-2.80E-01	-4.89E-03	-3.40E-01	0.00E+00	0.00E+00	-5.09E+00	-1.98E-03	-1.07E-03	-1.39E-02	0.00E+00	0.00E+00	-4.49E-09	-2.37E-07	-3.26E-02	-1.46E+01	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-3.75E+00	0.00E+00	-1.72E-08	-6.78E-08	-4.56E-03	0.00E+00	-1.39E+00	0.00E+00	-3.75E+00	-5.55E-05	-3.75E+00	-5.48E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
MU332A	-2.58E-02	-6.55E-01	-9.14E-03	-6.56E-01	0.00E+00	0.00E+00	-5.63E+00	-2.12E-03	-1.50E-03	-1.88E-02	0.00E+00	0.00E+00	-5.46E-09	-3.41E-07	-3.38E-02	-1.61E+01	0.00E+00	0.00E+00	-5.62E+00	0.00E+00	-5.40E+00	0.00E+00	-2.50E-08	-8.25E-08	-5.66E-03	0.00E+00	-1.49E+00	0.00E+00	-5.40E+00	-7.99E-05	-5.40E+00	-8.13E+00	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	-2.41E+02
MU340A	-2.85E-02	-6.29E-01	-9.00E-03	-6.40E-01	0.00E+00	0.00E+00	-6.94E+00	-2.21E-03	-1.71E-03	-2.06E-02	0.00E+00	0.00E+00	-5.91E-09	-3.83E-07	-3.38E-02	-1.69E+01	0.00E+00	0.00E+00	-6.59E+00	0.00E+00	-4.82E+00	0.00E+00	-2.35E-08	-8.80E-08	-5.82E-03	0.00E+00	-1.60E+00	0.00E+00	-4.82E+00	-9.89E-05	-4.82E+00	-7.23E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E+02
MU350A	-3.31E-02	-3.81E-02	-3.58E-03	-9.14E-02	0.00E+00	0.00E+00	-3.40E+00	-2.12E-03	-1.32E-03	-1.80E-02	0.00E+00	0.00E+00	-5.01E-09	-3.62E-07	-1.40E-02	-3.39E+00	0.00E+00	0.00E+00	-3.78E+00	0.00E+00	-1.71E-01	0.00E+00	6.92E-09	-6.66E-08	-3.90E-03	0.00E+00	-6.11E-01	0.00E+00	-1.71E-01	-1.12E-04	-1.71E-01	-4.87E-01	-6.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MU363A	-3.60E-02	-1.76E-01	-5.15E-03	-1.93E-01	0.00E+00	0.00E+00	-6.91E+00	-2.97E-03	-1.59E-03	-2.04E-02	0.00E+00	0.00E+00	-5.50E-09	-4.06E-07	-1.30E-02	-3.59E+00	0.00E+00	0.00E+00	-6.10E+00	0.00E+00	-1.10E+00	0.00E+00	1.37E-09	-7.14E-08	-5.24E-03	0.00E+00	-6.09E-01	0.00E+00	-1.10E+00	-1.11E-04	-1.10E+00	-1.91E+00	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+02
MU406A	-1.10E-02	-1.09E-01	2.33E-03	-3.92E-02	0.00E+00	0.00E+00	-1.32E+00	-1.28E-03	-3.49E-04	-6.27E-03	0.00E+00	0.00E+00	-2.13E-09	-8.99E-08	1.11E-04	-1.83E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-5.04E-01	0.00E+00	7.67E-10	-2.47E-08	-1.67E-03	0.00E+00	-2.71E-01	0.00E+00	-5.04E-01	-2.93E-05	-5.04E-01	-5.04E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-7.88E+01
MU410A	-9.28E-03	-8.72E-03	2.11E-03	-1.15E-02	0.00E+00	0.00E+00	-2.61E+00	-1.20E-03	-1.12E-05	-5.92E-03	0.00E+00	0.00E+00	-3.40E-09	-1.37E-07	-6.59E-03	-1.49E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-9.30E-01	0.00E+00	2.34E-09	-3.19E-08	-1.95E-03	0.00E+00	-1.36E-01	0.00E+00	-9.30E-01	-3.45E-05	-9.30E-01	-1.59E+00	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MU416A	-1.02E-02	-6.91E-02	1.97E-03	-2.65E-02	0.00E+00	0.00E+00	-1.39E+00	-1.36E-03	7.58E-05	-5.37E-03	0.00E+00	0.00E+00	-2.60E-09	-1.35E-07	-4.54E-03	-1.57E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-9.84E-02	0.00E+00	1.18E-09	-2.57E-08	-1.60E-03	0.00E+00	-1.51E-01	0.00E+00	-9.84E-02	-2.77E-05	-9.84E-02	-3.94E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-9.32E+01
MU420A	-2.08E-02	-2.42E-01	-4.33E-03	-3.06E-01	0.00E+00	0.00E+00	-4.50E+00	-1.70E-03	-9.56E-04	-1.49E-02	0.00E+00	0.00E+00	-4.18E-09	-1.88E-07	-2.75E-02	-1.24E+01	0.00E+00	0.00E+00	-4.99E+00	0.00E+00	-4.10E+00	0.00E+00	-1.84E-08	-6.53E-08	-4.33E-03	0.00E+00	-9.22E-01	0.00E+00	-4.10E+00	-5.53E-05	-4.10E+00	-4.85E+00	-9.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MU425A	-3.06E-02	-2.51E-01	-5.79E-03	-3.30E-01	0.00E+00	0.00E+00	-6.33E+00	-2.82E-03	-9.50E-04	-1.96E-02	0.00E+00	0.00E+00	-5.44E-09	-3.18E-07	-3.00E-02	-1.55E+01	0.00E+00	0.00E+00	-6.72E+00	0.00E+00	-4.01E+00	0.00E+00	-1.88E-08	-7.78E-08	-5.59E-03	0.00E+00	-1.39E+00	0.00E+00	-4.01E+00	-9.08E-05	-4.01E+00	-5.74E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+02

MU432A	-2.35E-02	-1.80E-01	-1.89E-03	-1.01E-01	0.00E+00	0.00E+00	-5.26E+00	-2.59E-03	1.39E-03	-1.58E-02	0.00E+00	0.00E+00	-5.23E-09	-2.67E-07	-1.40E-02	-4.56E+00	0.00E+00	0.00E+00	-5.91E+00	0.00E+00	-2.70E+00	0.00E+00	-2.70E-09	-6.69E-08	-3.77E-03	0.00E+00	-8.06E-01	0.00E+00	-2.70E+00	-7.54E-05	-2.70E+00	-3.99E+00	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MU440A	-2.61E-02	-1.76E-01	-1.96E-03	-1.09E-01	0.00E+00	0.00E+00	-6.78E+00	-3.45E-03	1.03E-03	-2.30E-02	0.00E+00	0.00E+00	-4.06E-09	-5.13E-07	-1.17E-02	-4.97E+00	0.00E+00	0.00E+00	-6.24E+00	0.00E+00	-3.16E+00	0.00E+00	-3.80E-09	-7.88E-08	-4.57E-03	0.00E+00	-9.78E-01	0.00E+00	-3.16E+00	-8.70E-05	-3.16E+00	-4.21E+00	-9.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
MU450A	-4.11E-02	-6.93E-02	1.20E-03	-7.30E-02	0.00E+00	0.00E+00	-9.17E+00	-4.31E-03	-2.21E-03	-2.65E-02	0.00E+00	0.00E+00	-7.48E-09	-5.26E-07	-1.06E-02	-5.41E+00	0.00E+00	0.00E+00	-8.29E+00	0.00E+00	-2.42E+00	0.00E+00	1.01E-08	-9.85E-08	-7.58E-03	0.00E+00	-1.14E+00	0.00E+00	-2.42E+00	-1.27E-04	-2.42E+00	-2.60E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-3.41E+02
MU463A	-4.52E-02	-3.15E-01	-7.36E-03	-3.65E-01	0.00E+00	0.00E+00	-9.83E+00	-5.42E-03	-2.42E-03	-3.38E-02	0.00E+00	0.00E+00	-8.71E-09	-6.70E-07	-3.91E-03	-6.71E+00	0.00E+00	0.00E+00	-9.19E+00	0.00E+00	-3.65E+00	0.00E+00	-1.88E-08	-1.19E-07	-9.98E-03	0.00E+00	-1.36E+00	0.00E+00	-3.65E+00	-1.58E-04	-3.65E+00	-4.82E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-3.93E+02
MUN106A	-2.43E-03	2.48E-02	1.73E-03	2.31E-02	0.00E+00	0.00E+00	5.39E-02	-2.62E-04	-7.55E-05	-1.04E-03	0.00E+00	0.00E+00	-2.53E-10	-2.93E-08	3.35E-03	-3.55E-01	0.00E+00	0.00E+00	-7.97E-02	0.00E+00	5.43E-01	0.00E+00	4.57E-09	-2.63E-09	-2.98E-04	0.00E+00	-1.31E-02	0.00E+00	5.43E-01	-7.48E-06	5.43E-01	5.30E-01	-1.31E-02	0.00E+00	0.00E+00	0.00E+00	-6.93E+00
MUN110A	-2.33E-04	-8.38E-02	-4.32E-04	-8.34E-02	0.00E+00	0.00E+00	-1.83E-01	-2.81E-05	8.77E-05	-8.26E-04	0.00E+00	0.00E+00	-7.69E-10	-1.04E-09	-8.07E-04	-3.74E-01	0.00E+00	0.00E+00	-4.65E-01	0.00E+00	-7.70E-01	0.00E+00	-2.94E-09	-6.76E-09	-3.95E-04	0.00E+00	-8.63E-02	0.00E+00	-7.70E-01	-1.51E-06	-7.70E-01	-8.57E-01	-8.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MUN116A	-7.46E-05	1.98E-03	3.22E-05	1.95E-03	0.00E+00	0.00E+00	-1.40E-01	-2.78E-05	1.44E-04	-1.58E-04	0.00E+00	0.00E+00	-7.84E-10	-9.13E-10	9.69E-05	-1.91E-01	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	-5.57E-01	0.00E+00	-6.14E-10	-5.60E-09	-2.43E-04	0.00E+00	-5.70E-02	0.00E+00	-5.57E-01	-1.53E-06	-5.57E-01	-6.14E-01	-5.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
MUN120A	-4.49E-03	-1.15E-01	-1.39E-03	-1.13E-01	0.00E+00	0.00E+00	-1.07E+00	-4.29E-04	-2.46E-04	-3.08E-03	0.00E+00	0.00E+00	-1.24E-09	-4.95E-08	-6.38E-03	-1.03E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-1.05E+00	0.00E+00	-4.05E-09	-1.43E-08	-1.03E-03	0.00E+00	-2.43E-01	0.00E+00	-1.05E+00	-1.31E-05	-1.05E+00	-1.29E+00	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01
MUN125A	7.85E-04	6.55E-02	3.75E-03	6.18E-02	0.00E+00	0.00E+00	9.39E-01	1.87E-06	4.26E-04	6.79E-04	0.00E+00	0.00E+00	1.68E-10	5.64E-09	5.09E-03	-6.05E-02	0.00E+00	0.00E+00	7.32E-01	0.00E+00	1.07E+00	0.00E+00	7.99E-09	3.90E-09	2.15E-04	0.00E+00	8.06E-02	0.00E+00	1.07E+00	2.35E-07	1.07E+00	1.15E+00	8.06E-02	0.00E+00	0.00E+00	0.00E+00	2.67E+01
MUN132A	-6.58E-03	2.49E-02	1.33E-03	3.58E-02	0.00E+00	0.00E+00	-5.06E-01	-5.94E-04	1.52E-04	-3.62E-03	0.00E+00	0.00E+00	-9.47E-10	-9.22E-08	-2.19E-04	-9.46E-01	0.00E+00	0.00E+00	-4.38E-01	0.00E+00	3.18E-01	0.00E+00	7.98E-09	-1.18E-08	-8.80E-04	0.00E+00	-1.09E-01	0.00E+00	3.18E-01	-2.01E-05	3.18E-01	6.67E-02	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
MUN140A	-7.56E-03	2.57E-02	1.50E-03	2.62E-02	0.00E+00	0.00E+00	-6.57E-01	-6.56E-04	2.84E-04	-4.19E-03	0.00E+00	0.00E+00	-8.89E-10	-1.09E-07	-5.56E-05	-8.99E-01	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	3.37E-01	0.00E+00	7.85E-09	-1.17E-08	-8.44E-04	0.00E+00	-1.14E-01	0.00E+00	3.37E-01	-2.23E-05	3.37E-01	1.33E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
MUN206A	-5.34E-03	-4.77E-02	1.69E-03	-4.94E-02	0.00E+00	0.00E+00	-3.70E-01	-5.39E-04	-2.30E-04	-2.98E-03	0.00E+00	0.00E+00	-8.73E-10	-6.09E-08	-1.44E-02	-1.13E+00	0.00E+00	0.00E+00	-8.69E-01	0.00E+00	-3.75E-02	0.00E+00	3.76E-09	-1.17E-08	-9.39E-04	0.00E+00	-2.43E-01	0.00E+00	-3.75E-02	-1.57E-05	-3.75E-02	-2.80E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01
MUN210A	-5.19E-03	2.76E-02	-3.00E-04	2.79E-02	0.00E+00	0.00E+00	-1.23E+00	-5.35E-04	-1.95E-04	-2.52E-03	0.00E+00	0.00E+00	-1.71E-09	-6.09E-08	1.04E-03	-6.52E-01	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-8.50E-01	0.00E+00	-6.77E-11	-1.62E-08	-1.05E-03	0.00E+00	-1.49E-01	0.00E+00	-8.50E-01	-1.63E-05	-8.50E-01	-9.99E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-6.41E+01
MUN216A	-4.63E-03	3.01E-02	2.83E-03	2.72E-02	0.00E+00	0.00E+00	-3.19E-02	-4.92E-04	-1.53E-04	-2.07E-03	0.00E+00	0.00E+00	-4.40E-10	-5.53E-08	-2.38E-03	-8.64E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	8.10E-01	0.00E+00	7.68E-09	-5.77E-09	-5.91E-04	0.00E+00	-1.05E-01	0.00E+00	8.10E-01	-1.39E-05	8.10E-01	7.05E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
MUN220A	-9.11E-03	-1.97E-01	-2.41E-03	-1.94E-01	0.00E+00	0.00E+00	-2.20E+00	-8.83E-04	-4.78E-04	-6.02E-03	0.00E+00	0.00E+00	-2.18E-09	-1.02E-07	-9.94E-03	-1.83E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-1.82E+00	0.00E+00	-7.31E-09	-2.65E-08	-1.96E-03	0.00E+00	-4.13E-01	0.00E+00	-1.82E+00	-2.64E-05	-1.82E+00	-2.23E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MUN225A	-1.12E-02	1.02E-01	1.79E-03	1.00E-01	0.00E+00	0.00E+00	-1.76E+00	-1.16E-03	-3.78E-04	-4.97E-03	0.00E+00	0.00E+00	-1.59E-09	-1.33E-07	-1.34E-02	-1.03E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	3.93E-02	0.00E+00	6.83E-09	-2.02E-08	-1.59E-03	0.00E+00	-2.49E-01	0.00E+00	3.93E-02	-3.36E-05	3.93E-02	-2.09E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-8.49E+01
MUN232A	-2.15E-02	1.16E-01	3.76E-04	1.16E-01	0.00E+00	0.00E+00	-4.22E+00	-2.23E-03	-5.93E-04	-1.02E-02	0.00E+00	0.00E+00	-2.74E-09	-2.56E-07	-1.42E-02	-2.10E+00	0.00E+00	0.00E+00	-3.92E+00	0.00E+00	-2.46E-01	0.00E+00	6.36E-09	-3.63E-08	-3.01E-03	0.00E+00	-4.78E-01	0.00E+00	-2.46E-01	-6.44E-05	-2.46E-01	-7.24E-01	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
MUN240A	4.04E-05	3.54E-01	9.53E-03	3.45E-01	0.00E+00	0.00E+00	1.34E+00	-2.81E-04	1.57E-03	1.68E-03	0.00E+00	0.00E+00	3.85E-11	-1.50E-08	1.23E-02	2.26E-01	0.00E+00	0.00E+00	1.18E+00	0.00E+00	2.57E+00	0.00E+00	2.17E-08	6.81E-09	4.60E-04	0.00E+00	2.22E-01	0.00E+00	2.57E+00	-9.81E-06	2.57E+00	2.79E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
MUN250A	1.91E-03	-1.25E-01	4.76E-03	-1.30E-01	0.00E+00	0.00E+00	6.37E-01	-5.04E-05	1.92E-03	-1.04E-03	0.00E+00	0.00E+00	-1.20E-09	1.70E-08	-1.56E-02	-1.13E+00	0.00E+00	0.00E+00	-1.82E-01	0.00E+00	-7.30E-01	0.00E+00	1.68E-09	-9.12E-09	-4.84E-04	0.00E+00	-2.32E-01	0.00E+00	-7.30E-01	-2.76E-06	-7.30E-01	-9.62E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+00
MUN263A	3.69E-03	3.77E-01	1.22E-02	3.64E-01	0.00E+00	0.00E+00	2.46E+00	4.50E-06	2.33E-03	3.41E-03	0.00E+00	0.00E+00	4.68E-10	2.54E-08	-4.12E-03	4.06E-01	0.00E+00	0.00E+00	1.82E+00	0.00E+00	2.94E+00	0.00E+00	2.58E-08	1.27E-08	9.89E-04	0.00E+00	1.99E-01	0.00E+00	2.94E+00	5.06E-07	2.94E+00	3.13E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MUN306A	-4.86E-03	-4.68E-02	5.27E-03	3.84E-03	0.00E+00	0.00E+00	-1.93E-01	-4.32E-04	1.96E-04	-2.27E-03	0.00E+00	0.00E+00	-9.52E-10	-4.65E-08	3.19E-03	-9.62E-01	0.00E+00	0.00E+00	-7.52E-01	0.00E+00	2.89E-01	0.00E+00	7.81E-09	-1.08E-08	-8.98E-04	0.00E+00	-1.24E-01	0.00E+00	2.89E-01	-1.32E-05	2.89E-01	3.83E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
MUN310A	-1.15E-03	-3.50E-01	-2.58E-03	-3.47E-01	0.00E+00	0.00E+00	-6.88E-01	-9.36E-05	2.26E-04	-3.32E-03	0.00E+00	0.00E+00	-2.75E-09	-4.28E-09	-3.10E-02	-2.03E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-3.27E+00	0.00E+00	-1.21E-08	-2.67E-08	-1.48E-03	0.00E+00	-6.08E-01	0.00E+00	-3.27E+00	-5.43E-06	-3.27E+00	-3.88E+00	-6.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
MUN316A	1.31E-03	2.71E-01	7.45E-03	2.64E-01	0.00E+00	0.00E+00	1.83E+00	-1.76E-05	8.42E-04	2.28E-03	0.00E+00	0.00E+00	-4.17E-10	8.28E-09	-1.59E-02	-1.89E-01	0.00E+00	0.00E+00	3.61E-01	0.00E+00	1.61E+00	0.00E+00	1.94E-08	2.46E-09	4.36E-04	0.00E+00	-6.00E-02	0.00E+00	1.61E+00	-9.66E-07	1.61E+00	1.55E+00	-6.00E-02	0.00E+00	0.00E+00	0.00E+00	8.14E+00
MUN320A	1.53E-03	1.17E-01	8.56E-03	1.08E-01	0.00E+00	0.00E+00	2.42E+00	4.39E-06	9.23E-04	1.28E-03	0.00E+00	0.00E+00	1.94E-10	1.27E-08	-1.50E-02	-2.93E-01	0.00E+00	0.00E+00	1.02E+00	0.00E+00	2.14E+00	0.00E+00	1.93E-08	6.20E-09	4.02E-04	0.00E+00	-1.81E-02	0.00E+00	2.14E+00	1.91E-07	2.14E+00	2.13E+00	-1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.53E+01
MUN325A	-1.61E-04	-2.93E-01	2.96E-04	-2.93E-01	0.00E+00	0.00E+00	-2.51E-01	-9.28E-05	8.57E-04	-2.81E-03	0.00E+00	0.00E+00	-2.45E-09	2.69E-09	-2.88E-02	-1.25E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-2.67E+00	0.00E+00	-7.94E-09	-2.31E-08	-1.30E-03	0.00E+00	-4.18E-01	0.00E+00	-2.67E+00	-5.00E-06	-2.67E+00	-3.09E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01
MUN332A	-3.22E-02	1.89E-01	6.81E-04	1.89E-01	0.00E+00	0.00E+00	-6.34E+00	-3.35E-03	-8.81E-04	-1.52E-02	0.00E+00	0.00E+00	-4.06E-09	-3.84E-07	-2.15E-02	-2.84E+00	0.00E+00	0.00E+00	-5.82E+00	0.00E+00	-3.54E-01	0.00E+00	9.64E-09	-5.41E-08	-4.49E-03	0.00E+00	-6.69E-01	0.00E+00	-3.54E-01	-9.65E-05	-3.54E-01	-1.02E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
MUN340A	-3.12E-02	-2.60E-01	-3.83E-03	-2.91E-01	0.00E+00	0.00E+00	-6.57E+00	-2.94E-03	-1.15E-03	-1.75E-02	0.00E+00	0.00E+00	-4.97E-09	-3.46E-07	-7.70E-03	-3.75E+00	0.00E+00	0.00E+00	-6.08E+00	0.00E+00	-2.53E+00	0.00E+00	-6.64E-09	-6.97E-08	-5.21E-03	0.00E+00	-9.60E-01	0.00E+00	-2.53E+00	-7.15E-05	-2.53E+00	-3.04E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
MUN363A	-1.87E-02	-3.05E-02	-1.49E-03	-9.85E-02	0.00E+00	0.00E+00	-6.17E+00	-2.42E-03	-4.53E-04	-1.49E-02	0.00E+00	0.00E+00	-3.51E-09	-3.02E-07	-4.75E-03	-7.70E-01	0.00E+00	0.00E+00	-4.40E+00	0.00E+00	-1.74E+00	0.00E+00	7.96E-10	-3.55E-08	-3.10E-03	0.00E+00	-4.96E-01	0.00E+00	-1.74E+00	-7.42E-05	-1.74E+00	-2.35E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MUN406A	-8.97E-03	4.82E-01	9.25E-03	4.73E-01	0.00E+00	0.00E+00	3.58E-01	-1.05E-03	-5.29E-05	-1.18E-03	0.00E+00	0.00E+00	-9.58E-10	-1.17E-07	1.80E-02	-2.27E-01	0.00E+00	0.00E+00	-1.38E-01	0.00E+00	3.20E+00	0.00E+00	2.88E-08	-4.77E-09	-5.14E-04	0.00E+00	1.49E-01	0.00E+00	3.20E+00	-2.98E-05	3.20E+00	3.35E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MUN410A	-1.20E-02	-9.82E-02	-3.61E-03	-9.46E-02	0.00E+00	0.00E+00	-3.53E+00	-1.19E-03	-5.58E-04	-7.06E-03	0.00E+00	0.00E+00	-4.71E-09	-1.36E-07	-1.70E-03	-1.31E+00	0.00E+00	0.00E+00	-4.13E+00	0.00E+00	-3.60E+00	0.00E+00	-1.00E-08	-4.62E-08	-2.93E-03	0.00E+00	-4.04E-01	0.00E+00	-3.60E+00	-3.73E-05	-3.60E+00	-4.00E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MUN416A	-1.33E-02	-2.70E-02	4.01E-03	-3.10E-02	0.00E+00	0.00E+00	-1.37E+00	-1.38E-03	-5.27E-04	-6.93E-03	0.00E+00	0.00E+00	-2.05E-09	-1.57E-07	9.55E-03	-1.77E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	6.63E-01	0.00E+00	9.95E-09	-2.41E-08	-2.15E-03	0.00E+00	-1.89E-01	0.00E+00	6.63E-01	-4.00E-05	6.63E-01	4.75E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-7.51E+01
MUN420A	-1.90E-02	-5.27E-01	-7.18E-03	-5.20E-01	0.00E+00	0.00E+00	-5.26E+00	-1.82E-03	-1.08E-03	-1.35E-02	0.00E+00	0.00E+00	-5.50E-09	-2.10E-07	-7.10E-03	-3.78E+00	0.00E+00	0.00E+00	-5.47E+00	0.00E+00	-5.10E+00	0.00E+00	-2.32E-08	-6.37E-08	-4.61E-03	0.00E+00	-8.34E-01	0.00E+00	-5.10E+00	-5.56E-05	-5.10E+00	-5.93E+00	-8.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MUN425A	-2.54E-02	-6.18E-01	-9.19E-03	-6.08E-01	0.00E+00	0.00E+00	-6.78E+00	-2.43E-03	-1.39E-03	-1.74E-02	0.00E+00	0.00E+00	-6.29E-09	-2.81E-07	-4.60E-02	-3.97E+00	0.00E+00	0.00E+00	-7.31E+00	0.00E+00	-6.28E+00	0.00E+00	-2.71E-08	-7.83E-08	-5.71E-03	0.00E+00	-1.14E+00	0.00E+00	-6.28E+00	-7.31E-05	-6.28E+00	-7.42E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
MUN432A	-2.75E-03	-1.54E-01	6.77E-03	-1.61E-01	0.00E+00	0.00E+00	2.32E-02	-6.35E-04	2.51E-03	-4.12E-03	0.00E+00	0.00E+00	-2.63E-09	-4.18E-08	6.64E-03	-2.22E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-4.88E-01	0.00E+00	5.38E-09	-1.99E-08	-1.41E-03	0.00E+00	-3.02E-01	0.00E+00	-4.88E-01	-2.47E-05	-4.88E-01	-7.90E-01	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.64E+01
MUN440A	-4.36E-02	-2.03E-01	-1.75E-03	-2.01E-01	0.00E+00	0.00E+00	-8.69E+00	-4.46E-03	-1.46E-03	-2.38E-02	0.00E+00	0.00E+00	-5.54E-09	-5.13E-07	4.18E-03	-5.22E+00	0.00E+00	0.00E+00	-7.47E+00	0.00E+00	-1.14E+00	0.00E+00	4.58E-10	-7.64E-08	-6.75E-03	0.00E+00	-9.19E-01	0.00E+00	-1.14E+00	-1.29E-04	-1.14E+00	-2.06E+00	-9.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
MUN450A	3.68E-03	-2.58E-01	9.22E-03	-2.67E-01	0.00E+00	0.00E+00	1.17E+00	-1.11E-04	3.83E-03	-2.31E-03	0.00E+00	0.00E+00	-2.71E-09	3.30E-08	-3.10E-02	-1.00E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-1.69E+00	0.00E+00	2.74E-09	-2.00E-08	-1.10E-03	0.00E+00	-2.94E-01	0.00E+00	-1.69E+00	-6.06E-06	-1.69E+00	-1.98E+00	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MUN463A	-6.27E-02	1.64E-01	-2.77E-03	1.67E-01	0.00E+00	0.00E+00	-1.31E+01	-6.41E-03	-2.37E-03	-3.08E-02	0.00E+00	0.00E+00	-7.88E-09	-7.43E-07	6.19E-03	-5.38E+00	0.00E+00	0.00E+00	-1.09E+01	0.00E+00	-1.32E+00	0.00E+00	5.94E-09	-1.06E-07	-9.01E-03	0.00E+00	-1.03E+00	0.00E+00	-1.32E+00	-1.85E-04	-1.32E+00	-2.35E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-4.83E+02
MUN506A	7.55E-04	7.14E-02	5.32E-03	6.61E-02	0.00E+00	0.00E+00	1.55E+00	2.96E-06	4.10E-04	8.03E-04	0.00E+00	0.00E+00	1.97E-10	6.40E-09	-1.02E-02	-4.59E-01	0.00E+00	0.00E+00	7.24E-01	0.00E+00	1.36E+00	0.00E+00	1.21E-08	3.79E-09	2.44E-04	0.00E+00	-4.75E-02	0.00E+00	1.36E+00	2.83E-07	1.36E+00	1.31E+00	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MUN510A	7.83E-04	7.88E-02	4.89E-03	7.39E-02	0.00E+00	0.00E+00	1.35E+00	2.67E-06	3.91E-04	8.54E-04	0.00E+00	0.00E+00	2.02E-10	5.91E-09	-5.95E-04	-3.65E-01	0.00E+00	0.00E+00	8.28E-01	0.00E+00	1.39E+00	0.00E+00	1.12E-08	4.43E-09	2.61E-04	0.00E+00	2.03E-02	0.00E+00	1.39E+00	3.38E-07	1.39E+00	1.41E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	2.97E+01
MUN516A	-4.55E-03	1.48E-01	2.66E-03	1.46E-01	0.00E+00	0.00E+00	-3.38E-01	-5.05E-04	-8.59E-05	-1.26E-03	0.00E+00	0.00E+00	-7.91E-10	-5.68E-08	5.36E-03	-8.37E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	6.53E-01	0.00E+00	8.29E-09	-7.11E-09	-5.14E-04	0.00E+00	-8.16E-02	0.00E+00	6.53E-01	-1.46E-05	6.53E-01	5.71E-01	-8.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MUN520A	-8.10E-03	8.29E-03	2.15E-03	6.14E-03	0.00E+00	0.00E+00	-8.80E-01	-8.39E-04	-3.04E-04	-4.00E-03	0.00E+00	0.00E+00	-8.68E-10	-9.59E-08	-3.02E-03	-1.09E+00	0.00E+00	0.00E+00	-9.37E-01	0.00E+00	5.55E-01	0.00E+00	6.40E-09	-1.21E-08	-1.14E-03	0.00E+00	-1.61E-01	0.00E+00	5.55E-01	-2.39E-05	5.55E-01	3.94E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
MUN525A	1.95E-03	2.94E-01	7.99E-03	2.86E-01	0.00E+00	0.00E+00	1.75E+00	3.20E-06	1.05E-03	2.60E-03	0.00E+00	0.00E+00	3.06E-10	1.21E-08	1.11E-02	2.70E-01	0.00E+00	0.00E+00	1.37E+00	0.00E+00	2.33E+00	0.00E+00	1.89E-08	9.50E-09	7.09E-04	0.00E+00	2.09E-01	0.00E+00	2.33E+00	4.08E-07	2.33E+00	2.54E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
MUN532A	-1.68E-03	-1.36E-01	2.06E-03	-1.38E-01	0.00E+00	0.00E+00	-4.24E-01	-3.33E-04	1.21E-03	-2.67E-03	0.00E+00	0.00E+00	-1.69E-09	-2.29E-08	1.20E-03	-1.07E+00	0.00E+00	0.00E+00	-9.41E-01	0.00E+00	-9.82E-01	0.00E+00	-1.47E-09	-1.44E-08	-9.70E-04	0.00E+00	-1.84E-01	0.00E+00	-9.82E-01	-1.31E-05	-9.82E-01	-1.17E+00	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.28E+01
MUN540A	1.94E-03	1.34E-01	4.78E-03	1.29E-01	0.00E+00	0.00E+00	5.16E-01	-4.76E-05	1.69E-03	9.40E-04	0.00E+00	0.00E+00	-1.33E-09	1.34E-08	5.02E-03	-2.81E-01	0.00E+00	0.00E+00	-2.59E-01	0.00E+00	6.92E-03	0.00E+00	7.55E-09	-4.97E-09	-3.88E-05	0.00E+00	-2.54E-02	0.00E+00	6.92E-03	-2.86E-06	6.92E-03	-1.84E-02	-2.54E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
MUN606A	-9.10E-03	6.97E-02	4.45E-03	1.45E-01	0.00E+00	0.00E+00	-1.18E+00	-1.17E-03	-1.51E-04	-4.01E-03	0.00E+00	0.00E+00	-1.90E-09	-1.24E-07	-2.09E-03	-1.30E+00	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-7.12E-02	0.00E+00	1.17E-08	-1.93E-08	-1.42E-03	0.00E+00	-1.36E-01	0.00E+00	-7.12E-02	-2.92E-05	-7.12E-02	-7.36E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-8.55E+01
MUN610A	-9.38E-03	4.11E-01	9.14E-03	4.01E-01	0.00E+00	0.00E+00	3.87E-01	-1.06E-03	-1.03E-04	-1.75E-03	0.00E+00	0.00E+00	-8.07E-10	-1.19E-07	-1.93E-02	-1.23E+00	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	2.66E+00	0.00E+00	2.79E-08	-8.04E-09	-6.62E-04	0.00E+00	-1.93E-01	0.00E+00	2.66E+00	-2.99E-05	2.66E+00	2.47E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
MUN616A	4.55E-04	9.78E-02	3.46E-03	9.44E-02	0.00E+00	0.00E+00	3.25E-01	-9.59E-05	8.91E-04	3.07E-04	0.00E+00	0.00E+00	-2.71E-09	1.60E-09	6.28E-03	-8.58E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-9.57E-01	0.00E+00	5.63E-09	-1.62E-08	-6.11E-04	0.00E+00	-1.62E-01	0.00E+00	-9.57E-01	-5.32E-06	-9.57E-01	-1.12E+00	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.48E+01
MUN620A	-1.69E-02	-1.21E-01	2.66E-03	-1.24E-01	0.00E+00	0.00E+00	-2.25E+00	-1.72E-03	-6.33E-04	-9.41E-03	0.00E+00	0.00E+00	-2.50E-09	-1.96E-07	-2.90E-02	-2.60E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-3.38E-01	0.00E+00	6.75E-09	-3.42E-08	-2.85E-03	0.00E+00	-5.63E-01	0.00E+00	-3.38E-01	-4.99E-05	-3.38E-01	-9.00E-01	-5.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
MUN625A	-2.31E-02	-1.95E-01	3.35E-04	-1.95E-01	0.00E+00	0.00E+00	-3.87E+00	-2.33E-03	-9.24E-04	-1.31E-02	0.00E+00	0.00E+00	-3.51E-09	-2.67E-07	-3.13E-02	-3.21E+00	0.00E+00	0.00E+00	-4.47E+00	0.00E+00	-1.18E+00	0.00E+00	2.07E-09	-4.74E-08	-3.90E-03	0.00E+00	-7.41E-01	0.00E+00	-1.18E+00	-6.78E-05	-1.18E+00	-1.92E+00	-7.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MUN632A	-4.90E-02	2.40E-01	-9.47E-04	2.41E-01	0.00E+00	0.00E+00	-1.00E+01	-5.04E-03	-1.79E-03	-2.33E-02	0.00E+00	0.00E+00	-6.14E-09	-5.84E-07	7.41E-03	-4.15E+00	0.00E+00	0.00E+00	-8.36E+00	0.00E+00	-4.64E-01	0.00E+00	9.76E-09	-8.07E-08	-6.87E-03	0.00E+00	-7.68E-01	0.00E+00	-4.64E-01	-1.49E-04	-4.64E-01	-1.23E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+02
MUN640A	-2.84E-03	-1.74E-01	7.77E-03	-1.82E-01	0.00E+00	0.00E+00	2.12E-01	-6.34E-04	2.50E-03	-4.23E-03	0.00E+00	0.00E+00	-2.16E-09	-4.13E-08	-2.98E-02	-2.47E+00	0.00E+00	0.00E+00	-9.09E-01	0.00E+00	-7.32E-01	0.00E+00	6.05E-09	-2.07E-08	-1.43E-03	0.00E+00	-4.87E-01	0.00E+00	-7.32E-01	-2.39E-05	-7.32E-01	-1.22E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MUN650A	-6.21E-02	1.36E-01	-2.17E-03	1.38E-01	0.00E+00	0.00E+00	-1.29E+01	-6.34E-03	-2.36E-03	-3.07E-02	0.00E+00	0.00E+00	-7.34E-09	-7.35E-07	-3.08E-02	-5.27E+00	0.00E+00	0.00E+00	-1.06E+01	0.00E+00	-1.57E+00	0.00E+00	6.32E-09	-1.05E-07	-8.94E-03	0.00E+00	-1.17E+00	0.00E+00	-1.57E+00	-1.82E-04	-1.57E+00	-2.74E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-4.66E+02
MUN663A	-6.63E-02	-8.67E-01	-1.82E-02	-8.49E-01	0.00E+00	0.00E+00	-1.69E+01	-6.52E-03	-3.15E-03	-4.00E-02	0.00E+00	0.00E+00	-1.13E-08	-7.61E-07	-1.76E-02	-8.72E+00	0.00E+00	0.00E+00	-1.50E+01	0.00E+00	-8.81E+00	0.00E+00	-4.34E-08	-1.50E-07	-1.20E-02	0.00E+00	-1.95E+00	0.00E+00	-8.81E+00	-1.92E-04	-8.81E+00	-1.08E+01	-1.95E+00	0.00E+00	0.00E+00	0.00E+00	-6.42E+02
MV106	-1.03E-03	-6.32E-04	1.50E-03	1.68E-02	0.00E+00	0.00E+00	-4.05E-02	-1.42E-04	1.07E-04	-7.54E-04	0.00E+00	0.00E+00	-6.25E-10	-1.36E-08	-3.44E-03	-3.81E-01	0.00E+00	0.00E+00	-2.96E-01	0.00E+00	-4.77E-02	0.00E+00	1.54E-09	-4.39E-09	-3.52E-04	0.00E+00	-1.01E-01	0.00E+00	-4.77E-02	-3.00E-06	-4.77E-02	-1.58E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
MV106Z	-7.86E-04	3.23E-03	1.47E-03	1.84E-02	0.00E+00	0.00E+00	-5.42E-02	-1.40E-04	1.11E-04	-6.21E-04	0.00E+00	0.00E+00	-4.73E-10	-1.03E-08	-2.48E-03	-2.68E-01	0.00E+00	0.00E+00	-2.97E-01	0.00E+00	-5.40E-02	0.00E+00	1.77E-09	-4.14E-09	-3.31E-04	0.00E+00	-7.51E-02	0.00E+00	-5.40E-02	-2.90E-06	-5.40E-02	-1.20E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
MV110	-3.01E-03	-4.93E-02	1.26E-03	-5.41E-04	0.00E+00	0.00E+00	-3.58E-01	-2.32E-04	1.12E-04	-1.49E-03	0.00E+00	0.00E+00	-9.00E-10	-3.29E-08	-9.20E-04	-8.42E-01	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	-2.41E-01	0.00E+00	1.15E-09	-6.83E-09	-7.15E-04	0.00E+00	-1.39E-01	0.00E+00	-2.41E-01	-5.79E-06	-2.41E-01	-2.81E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
MV110Z	-7.80E-04	2.88E-02	1.21E-03	1.10E-02	0.00E+00	0.00E+00	1.18E-01	-1.26E-04	1.31E-04	-6.71E-04	0.00E+00	0.00E+00	-5.64E-10	-1.19E-08	-2.59E-03	-3.20E-01	0.00E+00	0.00E+00	-1.15E-01	0.00E+00	2.58E-01	0.00E+00	2.40E-09	-3.98E-09	-2.73E-04	0.00E+00	-9.34E-02	0.00E+00	2.58E-01	-2.59E-06	2.58E-01	1.55E-01	-9.34E-02	0.00E+00	0.00E+00	0.00E+00	-7.42E+00
MV116	-5.75E-04	4.69E-03	7.68E-04	1.10E-02	0.00E+00	0.00E+00	-1.23E-01	-1.27E-04	1.06E-04	-5.44E-04	0.00E+00	0.00E+00	-4.16E-10	-7.30E-09	1.04E-03	-3.66E-01	0.00E+00	0.00E+00	-3.07E-01	0.00E+00	-1.19E-01	0.00E+00	1.91E-09	-3.74E-09	-2.71E-04	0.00E+00	-4.71E-02	0.00E+00	-1.19E-01	-2.09E-06	-1.19E-01	-1.77E-01	-4.71E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
MV116Z	-1.25E-03	2.97E-02	1.37E-03	1.08E-02	0.00E+00	0.00E+00	7.53E-02	-1.31E-04	1.31E-04	-7.90E-04	0.00E+00	0.00E+00	-5.60E-10	-1.40E-08	-1.97E-03	-3.26E-01	0.00E+00	0.00E+00	-1.15E-01	0.00E+00	1.15E-01	0.00E+00	2.43E-09	-4.11E-09	-2.63E-04	0.00E+00	-8.57E-02	0.00E+00	1.15E-01	-2.56E-06	1.15E-01	7.34E-02	-8.57E-02	0.00E+00	0.00E+00	0.00E+00	-7.44E+00
MV120	-8.94E-04	4.58E-03	4.97E-04	1.14E-02	0.00E+00	0.00E+00	-1.83E-01	-1.35E-04	1.05E-04	-6.16E-04	0.00E+00	0.00E+00	-4.71E-10	-9.05E-09	9.36E-04	-3.96E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-1.35E-01	0.00E+00	1.80E-09	-4.16E-09	-2.66E-04	0.00E+00	-4.34E-02	0.00E+00	-1.35E-01	-2.51E-06	-1.35E-01	-1.95E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
MV120Z	-1.68E-03	2.23E-02	1.86E-03	3.02E-02	0.00E+00	0.00E+00	8.72E-02	-1.51E-04	1.29E-04	-7.60E-04	0.00E+00	0.00E+00	-3.79E-10	-1.81E-08	-1.18E-03	-3.40E-01	0.00E+00	0.00E+00	-1.26E-01	0.00E+00	2.82E-01	0.00E+00	3.01E-09	-3.68E-09	-2.11E-04	0.00E+00	-1.11E-01	0.00E+00	2.82E-01	-4.60E-06	2.82E-01	2.07E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+00
MV125	-1.89E-03	3.93E-02	2.63E-03	4.73E-02	0.00E+00	0.00E+00	2.20E-01	-1.98E-04	2.08E-04	-5.90E-04	0.00E+00	0.00E+00	-3.39E-10	-4.30E-08	-1.13E-03	-1.09E-01	0.00E+00	0.00E+00	-9.78E-02	0.00E+00	2.53E-01	0.00E+00	6.03E-09	-5.00E-09	-1.04E-04	0.00E+00	-1.20E-02	0.00E+00	2.53E-01	-2.35E-06	2.53E-01	1.83E-01	-1.20E-02	0.00E+00	0.00E+00	0.00E+00	-6.00E+00
MV125Z	-2.13E-03	3.82E-02	2.65E-03	4.47E-02	0.00E+00	0.00E+00	2.10E-01	-2.33E-04	2.13E-04	-7.83E-04	0.00E+00	0.00E+00	-3.78E-10	-4.18E-08	-1.24E-03	-1.47E-01	0.00E+00	0.00E+00	-1.35E-01	0.00E+00	2.54E-01	0.00E+00	5.91E-09	-5.57E-09	-1.65E-04	0.00E+00	-2.42E-02	0.00E+00	2.54E-01	-5.31E-06	2.54E-01	1.83E-01	-2.42E-02	0.00E+00	0.00E+00	0.00E+00	-7.35E+00
MV132	-9.15E-03	4.21E-03	7.39E-04	2.69E-02	0.00E+00	0.00E+00	-1.80E+00	-1.03E-03	-4.90E-05	-4.96E-03	0.00E+00	0.00E+00	-1.17E-09	-1.34E-07	-1.23E-03	-8.72E-01	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-1.74E-01	0.00E+00	2.50E-09	-1.63E-08	-1.31E-03	0.00E+00	-1.54E-01	0.00E+00	-1.74E-01	-3.00E-05	-1.74E-01	-3.95E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
MV132Z	-9.52E-03	2.98E-03	5.54E-04	2.21E-02	0.00E+00	0.00E+00	-1.90E+00	-1.09E-03	-7.94E-05	-5.09E-03	0.00E+00	0.00E+00	-1.19E-09	-1.34E-07	-1.28E-03	-8.91E-01	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-1.64E-01	0.00E+00	2.39E-09	-1.66E-08	-1.33E-03	0.00E+00	-1.58E-01	0.00E+00	-1.64E-01	-3.06E-05	-1.64E-01	-4.33E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-7.64E+01
MV140	-8.83E-03	7.46E-03	7.50E-04	3.02E-02	0.00E+00	0.00E+00	-1.79E+00	-1.01E-03	-3.25E-05	-4.88E-03	0.00E+00	0.00E+00	-1.17E-09	-1.26E-07	-1.34E-03	-8.70E-01	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.83E-01	0.00E+00	2.52E-09	-1.54E-08	-1.24E-03	0.00E+00	-1.50E-01	0.00E+00	-1.83E-01	-2.85E-05	-1.83E-01	-4.01E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-7.27E+01
MV140Z	-9.01E-03	5.00E-03	5.99E-04	1.77E-02	0.00E+00	0.00E+00	-1.84E+00	-1.00E-03	-3.93E-05	-5.09E-03	0.00E+00	0.00E+00	-1.19E-09	-1.30E-07	-1.38E-03	-9.26E-01	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-2.15E-01	0.00E+00	2.32E-09	-1.63E-08	-1.28E-03	0.00E+00	-1.61E-01	0.00E+00	-2.15E-01	-2.90E-05	-2.15E-01	-5.05E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
MV206	-4.65E-03	-1.25E-02	3.56E-03	-6.63E-03	0.00E+00	0.00E+00	-2.30E-01	-3.48E-04	1.52E-04	-1.99E-03	0.00E+00	0.00E+00	-1.39E-09	-3.91E-08	-6.78E-03	-9.55E-01	0.00E+00	0.00E+00	-6.90E-01	0.00E+00	1.32E-02	0.00E+00	4.15E-09	-1.02E-08	-7.89E-04	0.00E+00	-1.75E-01	0.00E+00	1.32E-02	-1.38E-05	1.32E-02	-1.74E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
MV210	-4.36E-03	2.72E-02	3.32E-03	-1.27E-02	0.00E+00	0.00E+00	-5.42E-02	-3.77E-04	1.69E-04	-1.96E-03	0.00E+00	0.00E+00	-1.23E-09	-3.88E-08	-6.79E-03	-9.45E-01	0.00E+00	0.00E+00	-5.72E-01	0.00E+00	3.24E-01	0.00E+00	4.42E-09	-8.70E-09	-7.96E-04	0.00E+00	-1.94E-01	0.00E+00	3.24E-01	-1.27E-05	3.24E-01	1.50E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MV216	-5.63E-03	-2.34E-02	2.69E-03	4.86E-03	0.00E+00	0.00E+00	-6.04E-01	-5.06E-04	1.04E-04	-2.03E-03	0.00E+00	0.00E+00	-1.07E-09	-6.70E-08	-3.52E-03	-1.09E+00	0.00E+00	0.00E+00	-9.20E-01	0.00E+00	-2.96E-01	0.00E+00	5.84E-09	-1.26E-08	-9.83E-04	0.00E+00	-1.90E-01	0.00E+00	-2.96E-01	-1.39E-05	-2.96E-01	-2.21E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
MV220	-3.57E-03	-1.30E-02	2.67E-03	-2.22E-02	0.00E+00	0.00E+00	-3.96E-01	-3.20E-04	1.81E-04	-2.00E-03	0.00E+00	0.00E+00	-1.51E-09	-3.83E-08	-5.02E-03	-1.23E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-1.24E-03	0.00E+00	4.68E-09	-1.29E-08	-7.21E-04	0.00E+00	-1.95E-01	0.00E+00	-1.24E-03	-1.32E-05	-1.24E-03	-3.34E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
MV225	-3.23E-03	-1.34E-02	3.57E-03	-1.52E-02	0.00E+00	0.00E+00	-4.00E-01	-3.01E-04	2.96E-04	-2.08E-03	0.00E+00	0.00E+00	-1.45E-09	-2.19E-08	-2.52E-03	-7.20E-01	0.00E+00	0.00E+00	-9.87E-01	0.00E+00	-1.47E-01	0.00E+00	5.34E-09	-1.40E-08	-7.05E-04	0.00E+00	-1.35E-01	0.00E+00	-1.47E-01	-1.14E-05	-1.47E-01	-4.25E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MV232	-5.41E-03	4.58E-03	1.57E-03	-1.42E-02	0.00E+00	0.00E+00	-1.85E+00	-9.33E-04	5.26E-04	-3.79E-03	0.00E+00	0.00E+00	-1.93E-09	-7.14E-08	-3.00E-03	-1.44E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-4.49E-01	0.00E+00	3.53E-09	-2.06E-08	-1.51E-03	0.00E+00	-4.32E-01	0.00E+00	-4.49E-01	-2.53E-05	-4.49E-01	-7.92E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-8.64E+01
MV240	-1.01E-02	-6.30E-03	1.78E-03	-2.68E-03	0.00E+00	0.00E+00	-2.49E+00	-1.21E-03	8.21E-04	-4.49E-03	0.00E+00	0.00E+00	-1.90E-09	-1.29E-07	-6.10E-03	-2.34E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-5.90E-01	0.00E+00	4.31E-09	-3.23E-08	-2.22E-03	0.00E+00	-4.59E-01	0.00E+00	-5.90E-01	-3.05E-05	-5.90E-01	-9.68E-01	-4.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MV306	-6.08E-03	-2.68E-02	4.48E-03	6.35E-03	0.00E+00	0.00E+00	-3.46E-01	-5.81E-04	1.46E-04	-4.00E-03	0.00E+00	0.00E+00	-1.54E-09	-7.31E-08	-3.34E-03	-1.27E+00	0.00E+00	0.00E+00	-9.66E-01	0.00E+00	3.28E-01	0.00E+00	5.39E-09	-1.55E-08	-1.22E-03	0.00E+00	-2.00E-01	0.00E+00	3.28E-01	-1.80E-05	3.28E-01	1.43E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
MV310	-5.40E-03	-4.17E-02	3.64E-03	-2.68E-02	0.00E+00	0.00E+00	-5.33E-01	-5.35E-04	2.12E-04	-3.80E-03	0.00E+00	0.00E+00	-2.02E-09	-7.05E-08	-6.34E-03	-1.32E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	3.66E-01	0.00E+00	5.25E-09	-1.94E-08	-1.31E-03	0.00E+00	-2.59E-01	0.00E+00	3.66E-01	-1.82E-05	3.66E-01	1.04E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
MV316	-5.35E-03	-2.27E-02	3.00E-03	-2.95E-02	0.00E+00	0.00E+00	-5.66E-01	-4.80E-04	2.60E-04	-3.90E-03	0.00E+00	0.00E+00	-2.45E-09	-7.98E-08	-3.69E-03	-1.26E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	7.84E-02	0.00E+00	4.35E-09	-2.16E-08	-1.41E-03	0.00E+00	-2.23E-01	0.00E+00	7.84E-02	-1.65E-05	7.84E-02	-4.02E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.69E+01
MV320	-1.13E-02	-3.58E-02	2.49E-03	-2.11E-02	0.00E+00	0.00E+00	-5.93E-01	-9.94E-04	-3.87E-05	-5.08E-03	0.00E+00	0.00E+00	-2.35E-09	-1.24E-07	-2.22E-03	-1.34E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	1.72E-01	0.00E+00	4.70E-09	-2.57E-08	-1.33E-03	0.00E+00	-2.23E-01	0.00E+00	1.72E-01	-2.33E-05	1.72E-01	-2.12E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MV325	-1.24E-02	9.14E-02	4.41E-03	8.10E-02	0.00E+00	0.00E+00	-4.04E-01	-1.37E-03	-5.36E-05	-3.92E-03	0.00E+00	0.00E+00	-1.76E-09	-1.49E-07	-3.80E-03	-1.36E+00	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	8.33E-01	0.00E+00	9.00E-09	-2.52E-08	-1.18E-03	0.00E+00	-2.28E-01	0.00E+00	8.33E-01	-1.53E-05	8.33E-01	4.20E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.66E+01
MV332	-1.51E-02	-1.08E-01	-1.72E-03	2.02E-02	0.00E+00	0.00E+00	-3.45E+00	-2.80E-03	-8.08E-04	-1.17E-02	0.00E+00	0.00E+00	-4.49E-09	-1.92E-07	-8.95E-03	-1.89E+00	0.00E+00	0.00E+00	-3.22E+00	0.00E+00	-6.98E-01	0.00E+00	-8.28E-09	-6.24E-08	-4.84E-03	0.00E+00	-7.16E-01	0.00E+00	-6.98E-01	-7.53E-05	-6.98E-01	-1.13E+00	-7.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MV340	-2.84E-02	-2.20E-01	-3.64E-03	-2.85E-01	0.00E+00	0.00E+00	-6.19E+00	-2.63E-03	-8.83E-04	-1.83E-02	0.00E+00	0.00E+00	-5.13E-09	-3.31E-07	-8.61E-03	-3.35E+00	0.00E+00	0.00E+00	-5.93E+00	0.00E+00	-2.30E+00	0.00E+00	-9.01E-09	-6.91E-08	-5.61E-03	0.00E+00	-8.21E-01	0.00E+00	-2.30E+00	-8.06E-05	-2.30E+00	-2.78E+00	-8.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MV406	-1.13E-02	-1.81E-02	3.50E-03	3.18E-02	0.00E+00	0.00E+00	-1.83E+00	-1.39E-03	-4.56E-04	-6.29E-03	0.00E+00	0.00E+00	-2.28E-09	-1.38E-07	-4.44E-05	-1.85E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	2.29E-02	0.00E+00	3.63E-09	-2.33E-08	-1.69E-03	0.00E+00	-2.21E-01	0.00E+00	2.29E-02	-3.43E-05	2.29E-02	-3.12E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
MV410	-1.05E-02	-2.41E-02	2.17E-03	-2.41E-02	0.00E+00	0.00E+00	-2.01E+00	-1.31E-03	-4.53E-04	-5.45E-03	0.00E+00	0.00E+00	-3.36E-09	-1.46E-07	-3.72E-03	-1.86E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-5.92E-01	0.00E+00	2.92E-09	-3.27E-08	-2.26E-03	0.00E+00	-3.08E-01	0.00E+00	-5.92E-01	-3.74E-05	-5.92E-01	-1.16E+00	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MV416	-1.79E-02	-5.37E-02	2.82E-03	1.30E-02	0.00E+00	0.00E+00	-1.77E+00	-1.68E-03	-1.31E-04	-6.65E-03	0.00E+00	0.00E+00	-2.87E-09	-2.12E-07	-8.55E-04	-1.72E+00	0.00E+00	0.00E+00	-1.97E+00	0.00E+00	-1.25E-02	0.00E+00	1.27E-08	-2.99E-08	-2.61E-03	0.00E+00	-3.26E-01	0.00E+00	-1.25E-02	-5.28E-05	-1.25E-02	7.35E-02	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-9.20E+01
MV420	-1.22E-02	5.37E-02	2.03E-03	7.06E-02	0.00E+00	0.00E+00	-1.71E+00	-1.45E-03	-1.42E-06	-7.36E-03	0.00E+00	0.00E+00	-2.58E-09	-1.65E-07	-7.07E-03	-1.57E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	7.56E-01	0.00E+00	5.15E-09	-3.10E-08	-1.85E-03	0.00E+00	-1.69E-01	0.00E+00	7.56E-01	-4.11E-05	7.56E-01	3.72E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+01

MV425	-1.79E-02	7.89E-02	2.10E-04	1.26E-02	0.00E+00	0.00E+00	-3.18E+00	-2.07E-03	-7.82E-04	-1.19E-02	0.00E+00	0.00E+00	-3.85E-09	-2.39E-07	-1.90E-02	-1.93E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	2.98E-01	0.00E+00	4.41E-09	-4.83E-08	-3.69E-03	0.00E+00	-4.16E-01	0.00E+00	2.98E-01	-6.38E-05	2.98E-01	-1.59E-01	-4.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MV432	-1.49E-02	-5.72E-03	-3.59E-04	-5.77E-02	0.00E+00	0.00E+00	-3.71E+00	-1.49E-03	1.62E-03	-9.21E-03	0.00E+00	0.00E+00	-4.13E-09	-1.80E-07	-1.18E-02	-2.29E+00	0.00E+00	0.00E+00	-4.22E+00	0.00E+00	-1.69E-01	0.00E+00	-6.56E-09	-4.04E-08	-2.28E-03	0.00E+00	-6.35E-01	0.00E+00	-1.69E-01	-4.52E-05	-1.69E-01	-1.10E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MV440	-1.42E-02	-1.14E-01	-5.45E-04	-2.16E-01	0.00E+00	0.00E+00	-4.23E+00	-1.29E-03	1.45E-03	-1.56E-02	0.00E+00	0.00E+00	-4.37E-09	-3.20E-07	-7.59E-03	-3.07E+00	0.00E+00	0.00E+00	-4.38E+00	0.00E+00	-8.88E-01	0.00E+00	-7.57E-09	-5.13E-08	-3.30E-03	0.00E+00	-6.89E-01	0.00E+00	-8.88E-01	-4.40E-05	-8.88E-01	-1.35E+00	-6.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
MW106	-2.78E-03	-1.53E-01	-1.49E-03	-1.51E-01	0.00E+00	0.00E+00	-8.43E-01	-2.55E-04	-1.88E-04	-2.33E-03	0.00E+00	0.00E+00	-1.11E-09	-2.93E-08	-1.93E-03	-3.43E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-1.17E+00	0.00E+00	-5.41E-09	-1.34E-08	-8.40E-04	0.00E+00	-5.58E-01	0.00E+00	-1.17E+00	-8.10E-06	-1.17E+00	-1.72E+00	-5.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
MW110	-2.35E-03	-1.88E-02	1.62E-03	-2.04E-02	0.00E+00	0.00E+00	2.78E-02	-2.51E-04	-8.08E-05	-1.10E-03	0.00E+00	0.00E+00	-1.99E-10	-2.81E-08	2.72E-03	-3.29E+00	0.00E+00	0.00E+00	-3.94E-02	0.00E+00	4.42E-01	0.00E+00	3.68E-09	-4.02E-09	-3.12E-04	0.00E+00	-4.39E-01	0.00E+00	4.42E-01	-7.08E-06	4.42E-01	3.50E-03	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.78E+00
MW116	-3.08E-03	-1.64E-01	-1.78E-03	-1.62E-01	0.00E+00	0.00E+00	-9.40E-01	-2.82E-04	-2.06E-04	-2.55E-03	0.00E+00	0.00E+00	-1.19E-09	-3.25E-08	-2.23E-03	-3.56E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-1.27E+00	0.00E+00	-6.01E-09	-1.44E-08	-9.06E-04	0.00E+00	-5.88E-01	0.00E+00	-1.27E+00	-8.96E-06	-1.27E+00	-1.85E+00	-5.88E-01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
MW120	-2.74E-03	-2.39E-02	1.37E-03	-2.53E-02	0.00E+00	0.00E+00	-8.66E-02	-2.88E-04	-1.00E-04	-1.34E-03	0.00E+00	0.00E+00	-3.00E-10	-3.25E-08	2.56E-03	-3.22E+00	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	3.81E-01	0.00E+00	3.42E-09	-4.90E-09	-3.82E-04	0.00E+00	-4.39E-01	0.00E+00	3.81E-01	-8.25E-06	3.81E-01	-5.80E-02	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
MW125	3.24E-04	3.97E-02	1.60E-03	3.81E-02	0.00E+00	0.00E+00	2.06E-01	-2.50E-05	3.82E-04	1.94E-04	0.00E+00	0.00E+00	-6.30E-10	2.05E-09	-3.33E-03	2.51E-02	0.00E+00	0.00E+00	-1.82E-01	0.00E+00	-1.83E-01	0.00E+00	2.47E-09	-3.74E-09	-1.23E-04	0.00E+00	-1.71E-02	0.00E+00	-1.83E-01	-1.29E-06	-1.83E-01	-2.00E-01	-1.71E-02	0.00E+00	0.00E+00	0.00E+00	-9.12E+00
MW132	-1.24E-02	2.60E-02	-1.08E-03	2.71E-02	0.00E+00	0.00E+00	-2.75E+00	-1.27E-03	-4.79E-04	-6.20E-03	0.00E+00	0.00E+00	-1.78E-09	-1.47E-07	4.33E-04	-1.02E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-5.79E-01	0.00E+00	-1.55E-10	-2.29E-08	-1.87E-03	0.00E+00	-2.16E-01	0.00E+00	-5.79E-01	-3.78E-05	-5.79E-01	-7.95E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MW140	-1.09E-02	-4.92E-02	-3.60E-04	-4.88E-02	0.00E+00	0.00E+00	-2.15E+00	-1.12E-03	-3.66E-04	-5.94E-03	0.00E+00	0.00E+00	-1.37E-09	-1.28E-07	9.46E-04	-1.19E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-2.83E-01	0.00E+00	7.70E-11	-1.90E-08	-1.69E-03	0.00E+00	-2.09E-01	0.00E+00	-2.83E-01	-3.22E-05	-2.83E-01	-4.92E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.15E+01
MW206	-4.49E-03	2.39E-03	3.39E-03	-9.74E-03	0.00E+00	0.00E+00	-2.00E-01	-3.42E-04	1.37E-04	-2.00E-03	0.00E+00	0.00E+00	-1.28E-09	-3.55E-08	-6.78E-03	-9.31E-01	0.00E+00	0.00E+00	-6.86E-01	0.00E+00	1.71E-01	0.00E+00	4.16E-09	-9.65E-09	-7.82E-04	0.00E+00	-1.74E-01	0.00E+00	1.71E-01	-1.36E-05	1.71E-01	-5.27E-02	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MW210	-3.94E-03	2.92E-02	3.50E-03	-4.81E-03	0.00E+00	0.00E+00	-1.59E-02	-3.42E-04	1.69E-04	-1.70E-03	0.00E+00	0.00E+00	-1.20E-09	-3.39E-08	-6.66E-03	-9.46E-01	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	3.27E-01	0.00E+00	5.20E-09	-7.91E-09	-7.64E-04	0.00E+00	-1.93E-01	0.00E+00	3.27E-01	-1.22E-05	3.27E-01	1.27E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
MW216	-5.92E-03	-1.89E-02	2.65E-03	6.36E-03	0.00E+00	0.00E+00	-6.64E-01	-5.30E-04	1.02E-04	-2.12E-03	0.00E+00	0.00E+00	-1.10E-09	-7.39E-08	-3.83E-03	-1.09E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-3.37E-01	0.00E+00	6.07E-09	-1.30E-08	-1.05E-03	0.00E+00	-1.83E-01	0.00E+00	-3.37E-01	-1.52E-05	-3.37E-01	-3.31E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
MW220	-6.04E-03	-2.74E-02	2.19E-03	-1.37E-02	0.00E+00	0.00E+00	-7.09E-01	-5.27E-04	1.02E-04	-2.11E-03	0.00E+00	0.00E+00	-1.21E-09	-7.83E-08	-4.48E-03	-1.29E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-4.08E-01	0.00E+00	3.28E-09	-1.42E-08	-1.12E-03	0.00E+00	-2.01E-01	0.00E+00	-4.08E-01	-1.55E-05	-4.08E-01	-4.03E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
MW225	-3.04E-03	-1.07E-02	3.57E-03	-1.52E-02	0.00E+00	0.00E+00	-4.00E-01	-3.01E-04	2.96E-04	-2.04E-03	0.00E+00	0.00E+00	-1.45E-09	-2.19E-08	-2.43E-03	-7.20E-01	0.00E+00	0.00E+00	-9.96E-01	0.00E+00	-1.69E-01	0.00E+00	5.41E-09	-1.39E-08	-6.96E-04	0.00E+00	-1.34E-01	0.00E+00	-1.69E-01	-1.18E-05	-1.69E-01	-4.55E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MW232	-6.37E-03	-1.60E-01	-5.17E-04	-1.17E-01	0.00E+00	0.00E+00	-5.79E-01	-6.83E-04	1.24E-04	-3.38E-03	0.00E+00	0.00E+00	-2.04E-09	-5.84E-08	-4.05E-03	-3.08E+00	0.00E+00	0.00E+00	-7.68E-01	0.00E+00	-1.59E+00	0.00E+00	-3.48E-09	-2.10E-08	-9.39E-04	0.00E+00	-5.30E-01	0.00E+00	-1.59E+00	-2.42E-05	-1.59E+00	-2.25E+00	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
MW240	-1.15E-02	-1.66E-01	-6.82E-04	-1.18E-01	0.00E+00	0.00E+00	-1.08E+00	-8.16E-04	2.22E-04	-6.53E-03	0.00E+00	0.00E+00	-2.36E-09	-1.52E-07	-6.96E-03	-3.29E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.54E+00	0.00E+00	-3.91E-09	-3.62E-08	-1.26E-03	0.00E+00	-5.34E-01	0.00E+00	-1.54E+00	-3.32E-05	-1.54E+00	-2.46E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.82E+01
MW306	-6.16E-03	-2.21E-02	4.51E-03	6.54E-03	0.00E+00	0.00E+00	-3.31E-01	-5.97E-04	1.37E-04	-4.06E-03	0.00E+00	0.00E+00	-1.56E-09	-7.53E-08	-3.70E-03	-1.27E+00	0.00E+00	0.00E+00	-9.42E-01	0.00E+00	3.84E-01	0.00E+00	5.65E-09	-1.59E-08	-1.21E-03	0.00E+00	-1.96E-01	0.00E+00	3.84E-01	-1.88E-05	3.84E-01	2.89E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
MW310	-5.14E-03	-4.21E-02	3.86E-03	-7.21E-03	0.00E+00	0.00E+00	-5.24E-01	-5.16E-04	2.04E-04	-3.73E-03	0.00E+00	0.00E+00	-1.89E-09	-6.54E-08	-6.26E-03	-1.34E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	4.96E-01	0.00E+00	5.97E-09	-1.90E-08	-1.34E-03	0.00E+00	-2.64E-01	0.00E+00	4.96E-01	-1.78E-05	4.96E-01	8.39E-02	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MW316	-8.27E-03	-6.07E-02	-2.64E-03	-5.81E-02	0.00E+00	0.00E+00	-2.45E+00	-8.22E-04	-3.75E-04	-4.75E-03	0.00E+00	0.00E+00	-3.12E-09	-9.41E-08	-1.89E-03	-1.73E+00	0.00E+00	0.00E+00	-2.86E+00	0.00E+00	-2.44E+00	0.00E+00	-7.03E-09	-3.12E-08	-1.95E-03	0.00E+00	-4.01E-01	0.00E+00	-2.44E+00	-2.56E-05	-2.44E+00	-2.84E+00	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MW320	-1.27E-02	-7.04E-02	1.71E-03	-7.21E-02	0.00E+00	0.00E+00	-1.70E+00	-1.29E-03	-5.32E-04	-6.91E-03	0.00E+00	0.00E+00	-2.05E-09	-1.47E-07	5.93E-03	-1.87E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	7.89E-03	0.00E+00	4.58E-09	-2.45E-08	-2.10E-03	0.00E+00	-2.76E-01	0.00E+00	7.89E-03	-3.78E-05	7.89E-03	-2.68E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-9.40E+01
MW325	-1.61E-02	3.02E-01	5.00E-03	2.97E-01	0.00E+00	0.00E+00	-1.98E+00	-1.72E-03	-4.46E-04	-6.08E-03	0.00E+00	0.00E+00	-1.95E-09	-1.97E-07	1.18E-02	-1.13E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	1.65E+00	0.00E+00	1.80E-08	-2.12E-08	-1.87E-03	0.00E+00	-1.02E-01	0.00E+00	1.65E+00	-4.94E-05	1.65E+00	1.55E+00	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-9.81E+01
MW332	1.08E-05	5.24E-01	1.40E-02	5.10E-01	0.00E+00	0.00E+00	1.95E+00	-4.22E-04	2.35E-03	2.44E-03	0.00E+00	0.00E+00	3.83E-11	-2.27E-08	1.79E-02	3.05E-01	0.00E+00	0.00E+00	1.70E+00	0.00E+00	3.71E+00	0.00E+00	3.15E-08	9.63E-09	6.63E-04	0.00E+00	3.20E-01	0.00E+00	3.71E+00	-1.48E-05	3.71E+00	4.03E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	5.69E+01
MW340	-3.39E-02	-3.88E-01	-6.80E-03	-3.81E-01	0.00E+00	0.00E+00	-8.15E+00	-3.40E-03	-1.31E-03	-2.02E-02	0.00E+00	0.00E+00	-5.72E-09	-3.92E-07	-5.25E-03	-3.96E+00	0.00E+00	0.00E+00	-7.31E+00	0.00E+00	-3.73E+00	0.00E+00	-1.63E-08	-7.43E-08	-6.06E-03	0.00E+00	-8.67E-01	0.00E+00	-3.73E+00	-9.97E-05	-3.73E+00	-4.60E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
MW350	-4.64E-02	-2.87E-01	-6.16E-03	-1.92E-01	0.00E+00	0.00E+00	-5.49E+00	-4.20E-03	-1.40E-03	-2.11E-02	0.00E+00	0.00E+00	-5.25E-09	-5.09E-07	-1.12E-02	-3.98E+00	0.00E+00	0.00E+00	-5.58E+00	0.00E+00	-2.45E+00	0.00E+00	-9.45E-09	-9.02E-08	-6.63E-03	0.00E+00	-8.44E-01	0.00E+00	-2.45E+00	-1.20E-04	-2.45E+00	-3.48E+00	-8.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
MW363	-4.98E-02	-2.82E-01	-6.87E-03	-2.12E-01	0.00E+00	0.00E+00	-9.79E+00	-4.81E-03	-1.71E-03	-2.73E-02	0.00E+00	0.00E+00	-6.16E-09	-5.58E-07	-1.08E-02	-4.79E+00	0.00E+00	0.00E+00	-8.46E+00	0.00E+00	-4.15E+00	0.00E+00	-9.83E-09	-9.60E-08	-6.85E-03	0.00E+00	-1.05E+00	0.00E+00	-4.15E+00	-1.40E-04	-4.15E+00	-5.56E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.61E+02
MW406	-1.12E-02	-1.86E-02	3.57E-03	3.37E-02	0.00E+00	0.00E+00	-1.73E+00	-1.30E-03	-4.57E-04	-6.13E-03	0.00E+00	0.00E+00	-2.29E-09	-1.39E-07	1.56E-04	-1.74E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	6.24E-02	0.00E+00	4.32E-09	-2.27E-08	-1.64E-03	0.00E+00	-2.06E-01	0.00E+00	6.24E-02	-3.36E-05	6.24E-02	-1.93E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-9.32E+01
MW410	-1.07E-02	-2.93E-02	2.12E-03	-2.32E-02	0.00E+00	0.00E+00	-2.22E+00	-1.35E-03	-4.61E-04	-5.61E-03	0.00E+00	0.00E+00	-3.44E-09	-1.45E-07	-4.30E-03	-1.90E+00	0.00E+00	0.00E+00	-2.57E+00	0.00E+00	-9.15E-01	0.00E+00	2.72E-09	-3.45E-08	-2.40E-03	0.00E+00	-3.28E-01	0.00E+00	-9.15E-01	-3.76E-05	-9.15E-01	-1.58E+00	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MW416	-1.16E-02	1.23E-02	2.57E-03	8.02E-03	0.00E+00	0.00E+00	-2.04E+00	-1.48E-03	-2.59E-04	-6.91E-03	0.00E+00	0.00E+00	-2.80E-09	-1.63E-07	-7.24E-03	-1.65E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	1.91E-02	0.00E+00	4.16E-09	-2.86E-08	-1.87E-03	0.00E+00	-1.42E-01	0.00E+00	1.91E-02	-3.85E-05	1.91E-02	-4.02E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MW420	-1.20E-02	5.29E-02	2.36E-03	6.57E-02	0.00E+00	0.00E+00	-1.73E+00	-1.48E-03	6.14E-06	-7.70E-03	0.00E+00	0.00E+00	-2.57E-09	-1.62E-07	-9.71E-03	-1.67E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	7.17E-01	0.00E+00	5.00E-09	-2.93E-08	-1.83E-03	0.00E+00	-1.82E-01	0.00E+00	7.17E-01	-4.24E-05	7.17E-01	4.17E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MW425	-1.79E-02	8.17E-02	3.02E-04	1.19E-02	0.00E+00	0.00E+00	-3.19E+00	-2.04E-03	-7.82E-04	-1.19E-02	0.00E+00	0.00E+00	-3.77E-09	-2.42E-07	-1.90E-02	-1.91E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	3.07E-01	0.00E+00	4.54E-09	-4.81E-08	-3.68E-03	0.00E+00	-3.87E-01	0.00E+00	3.07E-01	-6.34E-05	3.07E-01	-1.59E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MW432	-2.34E-02	-1.76E-01	-1.75E-03	-9.93E-02	0.00E+00	0.00E+00	-4.32E+00	-2.59E-03	1.44E-03	-1.56E-02	0.00E+00	0.00E+00	-3.48E-09	-2.75E-07	-1.27E-02	-4.49E+00	0.00E+00	0.00E+00	-5.00E+00	0.00E+00	-2.48E+00	0.00E+00	-2.70E-09	-6.66E-08	-3.77E-03	0.00E+00	-8.16E-01	0.00E+00	-2.48E+00	-7.57E-05	-2.48E+00	-3.72E+00	-8.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MW440	-2.63E-02	-1.63E-01	-1.97E-03	-1.15E-01	0.00E+00	0.00E+00	-6.78E+00	-3.42E-03	6.05E-04	-2.25E-02	0.00E+00	0.00E+00	-4.05E-09	-5.03E-07	-1.10E-02	-4.61E+00	0.00E+00	0.00E+00	-6.24E+00	0.00E+00	-3.16E+00	0.00E+00	-3.62E-09	-7.75E-08	-4.60E-03	0.00E+00	-9.81E-01	0.00E+00	-3.16E+00	-8.66E-05	-3.16E+00	-4.21E+00	-9.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
MWN102A	-2.68E-03	-2.43E-02	3.85E-04	-1.63E-02	0.00E+00	0.00E+00	-5.24E-01	-2.41E-04	9.54E-05	-1.33E-03	0.00E+00	0.00E+00	-9.06E-10	-3.47E-08	-2.86E-03	-6.98E-01	0.00E+00	0.00E+00	-6.99E-01	0.00E+00	-2.73E-01	0.00E+00	6.78E-11	-8.12E-09	-5.35E-04	0.00E+00	-1.64E-01	0.00E+00	-2.73E-01	-1.18E-05	-2.73E-01	-4.98E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MWN104A	-2.76E-03	-2.66E-02	6.05E-04	-2.46E-02	0.00E+00	0.00E+00	-4.01E-01	-2.25E-04	8.74E-05	-1.52E-03	0.00E+00	0.00E+00	-9.39E-10	-2.98E-08	-1.71E-03	-6.84E-01	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	-2.13E-01	0.00E+00	-2.59E-10	-8.32E-09	-4.90E-04	0.00E+00	-1.80E-01	0.00E+00	-2.13E-01	-9.83E-06	-2.13E-01	-4.49E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
MWN106	-5.52E-04	2.86E-03	4.65E-04	1.34E-02	0.00E+00	0.00E+00	-4.70E-02	-1.26E-04	1.13E-04	-6.37E-04	0.00E+00	0.00E+00	-5.17E-10	-6.97E-09	7.78E-04	-3.46E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-1.12E-01	0.00E+00	1.82E-09	-3.85E-09	-2.79E-04	0.00E+00	-5.03E-02	0.00E+00	-1.12E-01	-2.40E-06	-1.12E-01	-2.17E-01	-5.03E-02	0.00E+00	0.00E+00	0.00E+00	-1.47E+01
MWN106A	-5.58E-04	7.73E-03	1.70E-03	2.60E-02	0.00E+00	0.00E+00	-2.71E-02	-1.58E-04	1.40E-04	-4.78E-04	0.00E+00	0.00E+00	-4.79E-10	-3.94E-09	-8.78E-04	-3.43E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	-6.52E-02	0.00E+00	2.98E-09	-3.64E-09	-2.97E-04	0.00E+00	-6.88E-02	0.00E+00	-6.52E-02	-2.89E-06	-6.52E-02	-4.73E-02	-6.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
MWN110	-1.83E-04	-7.92E-02	2.25E-05	-7.92E-02	0.00E+00	0.00E+00	1.40E-02	-2.40E-05	1.08E-04	-7.31E-04	0.00E+00	0.00E+00	-7.09E-10	-3.22E-10	-5.15E-03	-7.00E-01	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-6.25E-01	0.00E+00	-1.61E-09	-6.22E-09	-3.46E-04	0.00E+00	-1.55E-01	0.00E+00	-6.25E-01	-1.39E-06	-6.25E-01	-7.80E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
MWN110A	-1.00E-03	4.05E-03	1.21E-03	-1.62E-03	0.00E+00	0.00E+00	-6.45E-02	-1.42E-04	1.32E-04	-8.82E-04	0.00E+00	0.00E+00	-4.36E-10	-1.35E-08	-7.17E-04	-5.21E-01	0.00E+00	0.00E+00	-2.48E-01	0.00E+00	-9.98E-02	0.00E+00	1.82E-09	-3.71E-09	-3.55E-04	0.00E+00	-8.19E-02	0.00E+00	-9.98E-02	-3.01E-06	-9.98E-02	-1.23E-01	-8.19E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
MWN116	-5.34E-05	-5.07E-02	4.13E-04	-5.11E-02	0.00E+00	0.00E+00	6.11E-02	-1.99E-05	1.18E-04	-4.80E-04	0.00E+00	0.00E+00	-5.24E-10	1.01E-10	3.76E-04	-4.40E-01	0.00E+00	0.00E+00	-1.81E-01	0.00E+00	-3.56E-01	0.00E+00	-6.58E-10	-4.24E-09	-2.49E-04	0.00E+00	-6.81E-02	0.00E+00	-3.56E-01	-1.04E-06	-3.56E-01	-4.24E-01	-6.81E-02	0.00E+00	0.00E+00	0.00E+00	-8.50E+00
MWN116A	-7.51E-04	6.36E-03	1.48E-03	1.29E-02	0.00E+00	0.00E+00	-1.82E-02	-1.38E-04	1.32E-04	-6.92E-04	0.00E+00	0.00E+00	-3.98E-10	-7.31E-09	3.27E-04	-4.87E-01	0.00E+00	0.00E+00	-2.04E-01	0.00E+00	-8.32E-02	0.00E+00	1.95E-09	-3.96E-09	-3.08E-04	0.00E+00	-7.63E-02	0.00E+00	-8.32E-02	-2.83E-06	-8.32E-02	-8.30E-02	-7.63E-02	0.00E+00	0.00E+00	0.00E+00	-9.85E+00
MWN120	5.84E-04	1.04E-01	2.71E-03	1.01E-01	0.00E+00	0.00E+00	5.77E-01	-6.27E-06	3.43E-04	8.73E-04	0.00E+00	0.00E+00	-9.03E-11	3.35E-09	3.72E-03	1.68E-02	0.00E+00	0.00E+00	3.49E-01	0.00E+00	6.70E-01	0.00E+00	6.47E-09	1.78E-09	1.81E-04	0.00E+00	5.48E-02	0.00E+00	6.70E-01	-2.36E-07	6.70E-01	7.24E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
MWN120A	-1.72E-03	-1.29E-02	1.09E-03	-4.62E-03	0.00E+00	0.00E+00	-1.97E-01	-2.32E-04	1.27E-04	-1.21E-03	0.00E+00	0.00E+00	-5.69E-10	-3.22E-08	2.04E-04	-5.96E-01	0.00E+00	0.00E+00	-3.95E-01	0.00E+00	-2.02E-02	0.00E+00	1.68E-09	-6.04E-09	-3.70E-04	0.00E+00	-9.63E-02	0.00E+00	-2.02E-02	-7.17E-06	-2.02E-02	-4.98E-02	-9.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
MWN125	-5.57E-03	5.44E-02	9.73E-04	5.34E-02	0.00E+00	0.00E+00	-8.80E-01	-5.82E-04	-1.86E-04	-2.46E-03	0.00E+00	0.00E+00	-8.16E-10	-6.66E-08	-2.75E-03	-4.61E-01	0.00E+00	0.00E+00	-8.78E-01	0.00E+00	9.20E-02	0.00E+00	3.66E-09	-9.83E-09	-7.90E-04	0.00E+00	-9.14E-02	0.00E+00	9.20E-02	-1.68E-05	9.20E-02	6.01E-04	-9.14E-02	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
MWN125A	-2.91E-04	1.61E-02	2.00E-03	2.66E-02	0.00E+00	0.00E+00	-2.73E-01	-9.55E-05	1.88E-04	-8.84E-04	0.00E+00	0.00E+00	-1.89E-10	-1.56E-11	1.53E-03	-2.88E-01	0.00E+00	0.00E+00	-1.64E-01	0.00E+00	1.02E-02	0.00E+00	3.39E-09	-9.88E-10	-1.81E-04	0.00E+00	-4.96E-03	0.00E+00	1.02E-02	-1.40E-06	1.02E-02	4.79E-02	-4.96E-03	0.00E+00	0.00E+00	0.00E+00	-5.98E+00
MWN132	-1.07E-02	6.95E-02	3.94E-04	6.91E-02	0.00E+00	0.00E+00	-2.09E+00	-1.12E-03	-2.86E-04	-4.99E-03	0.00E+00	0.00E+00	-1.36E-09	-1.28E-07	2.28E-03	-1.18E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	3.71E-02	0.00E+00	3.46E-09	-1.74E-08	-1.47E-03	0.00E+00	-1.99E-01	0.00E+00	3.71E-02	-3.22E-05	3.71E-02	-1.61E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-8.05E+01
MWN132A	-4.30E-03	1.05E-02	1.43E-03	1.15E-02	0.00E+00	0.00E+00	-1.10E+00	-5.93E-04	1.04E-04	-1.86E-03	0.00E+00	0.00E+00	-1.10E-09	-8.07E-08	-2.27E-03	-7.93E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-2.14E-01	0.00E+00	2.65E-09	-8.85E-09	-1.01E-03	0.00E+00	-1.78E-01	0.00E+00	-2.14E-01	-2.56E-05	-2.14E-01	-3.26E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MWN140	-7.17E-03	2.59E-02	1.66E-03	2.97E-02	0.00E+00	0.00E+00	-6.59E-01	-6.36E-04	3.04E-04	-4.04E-03	0.00E+00	0.00E+00	-8.82E-10	-1.00E-07	3.22E-05	-8.44E-01	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	3.37E-01	0.00E+00	7.90E-09	-1.12E-08	-8.33E-04	0.00E+00	-1.07E-01	0.00E+00	3.37E-01	-2.12E-05	3.37E-01	1.60E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
MWN140A	-5.98E-03	-4.70E-02	1.56E-03	5.69E-03	0.00E+00	0.00E+00	-1.47E+00	-8.23E-04	1.37E-04	-2.86E-03	0.00E+00	0.00E+00	-1.97E-09	-9.68E-08	-7.64E-03	-1.33E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-5.84E-01	0.00E+00	1.39E-09	-1.82E-08	-1.49E-03	0.00E+00	-3.44E-01	0.00E+00	-5.84E-01	-2.88E-05	-5.84E-01	-3.79E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-7.27E+01
MWN150	-6.63E-03	-1.23E-01	6.17E-04	-8.60E-02	0.00E+00	0.00E+00	-2.94E-01	-6.12E-04	7.04E-04	-3.98E-03	0.00E+00	0.00E+00	-9.02E-10	-8.59E-08	-2.77E-03	-1.66E+00	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-6.88E-01	0.00E+00	-5.18E-09	-1.38E-08	-6.11E-04	0.00E+00	-2.27E-01	0.00E+00	-6.88E-01	-1.57E-05	-6.88E-01	-1.04E+00	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
MWN202A	-7.45E-03	-5.33E-02	1.32E-03	-5.02E-02	0.00E+00	0.00E+00	-1.01E+00	-8.53E-04	8.67E-05	-3.71E-03	0.00E+00	0.00E+00	-1.71E-09	-7.94E-08	-8.56E-03	-1.70E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-4.02E-01	0.00E+00	1.75E-09	-1.82E-08	-1.21E-03	0.00E+00	-4.18E-01	0.00E+00	-4.02E-01	-2.00E-05	-4.02E-01	-7.86E-01	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.31E+01
MWN204A	-8.49E-03	-6.32E-02	1.03E-03	-7.04E-02	0.00E+00	0.00E+00	-1.00E+00	-8.90E-04	1.56E-04	-4.47E-03	0.00E+00	0.00E+00	-1.88E-09	-9.16E-08	-8.33E-03	-1.62E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-3.41E-01	0.00E+00	1.28E-09	-1.97E-08	-1.17E-03	0.00E+00	-4.37E-01	0.00E+00	-3.41E-01	-2.27E-05	-3.41E-01	-6.52E-01	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MWN206	-4.13E-03	-9.62E-04	3.34E-03	6.37E-03	0.00E+00	0.00E+00	3.79E-03	-2.36E-04	1.43E-04	-1.74E-03	0.00E+00	0.00E+00	-1.10E-09	-1.05E-08	-7.59E-03	-7.53E-01	0.00E+00	0.00E+00	-5.15E-01	0.00E+00	2.15E-01	0.00E+00	5.67E-09	-8.82E-09	-7.16E-04	0.00E+00	-1.31E-01	0.00E+00	2.15E-01	-1.25E-05	2.15E-01	5.58E-02	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MWN206A	-2.30E-03	4.28E-02	2.07E-03	2.02E-02	0.00E+00	0.00E+00	-2.16E-01	-3.14E-04	1.14E-04	-1.00E-03	0.00E+00	0.00E+00	-7.73E-10	-4.03E-08	-1.10E-03	-6.70E-01	0.00E+00	0.00E+00	-4.68E-01	0.00E+00	-2.91E-03	0.00E+00	6.72E-09	-8.13E-09	-5.48E-04	0.00E+00	-1.27E-01	0.00E+00	-2.91E-03	-8.89E-06	-2.91E-03	-2.20E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
MWN210	8.23E-04	8.41E-02	5.69E-03	7.84E-02	0.00E+00	0.00E+00	1.60E+00	3.23E-06	4.21E-04	9.17E-04	0.00E+00	0.00E+00	2.71E-10	6.59E-09	-9.75E-03	-2.90E-01	0.00E+00	0.00E+00	8.84E-01	0.00E+00	1.52E+00	0.00E+00	1.31E-08	4.61E-09	2.80E-04	0.00E+00	-7.23E-03	0.00E+00	1.52E+00	4.26E-07	1.52E+00	1.51E+00	-7.23E-03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MWN210A	-2.31E-03	3.74E-02	1.61E-03	4.31E-03	0.00E+00	0.00E+00	-2.73E-01	-3.30E-04	1.19E-04	-1.07E-03	0.00E+00	0.00E+00	-8.28E-10	-4.34E-08	-1.01E-03	-6.67E-01	0.00E+00	0.00E+00	-4.89E-01	0.00E+00	-9.04E-02	0.00E+00	4.28E-09	-8.70E-09	-5.83E-04	0.00E+00	-1.26E-01	0.00E+00	-9.04E-02	-8.48E-06	-9.04E-02	-2.96E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
MWN216	-6.03E-03	2.25E-01	4.19E-03	2.21E-01	0.00E+00	0.00E+00	-2.04E-01	-6.76E-04	-9.66E-05	-1.48E-03	0.00E+00	0.00E+00	-6.99E-10	-7.61E-08	8.57E-03	-3.86E-01	0.00E+00	0.00E+00	-4.16E-01	0.00E+00	1.43E+00	0.00E+00	1.35E-08	-5.52E-09	-5.12E-04	0.00E+00	1.89E-02	0.00E+00	1.43E+00	-1.93E-05	1.43E+00	1.45E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
MWN216A	-3.30E-03	5.98E-02	2.26E-03	2.00E-02	0.00E+00	0.00E+00	-2.25E-01	-4.48E-04	1.17E-04	-1.21E-03	0.00E+00	0.00E+00	-8.11E-10	-5.93E-08	-1.92E-03	-7.35E-01	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	1.98E-02	0.00E+00	7.30E-09	-8.71E-09	-6.51E-04	0.00E+00	-1.26E-01	0.00E+00	1.98E-02	-1.13E-05	1.98E-02	-2.33E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
MWN220	1.18E-04	-1.11E-01	1.51E-03	-1.12E-01	0.00E+00	0.00E+00	2.02E-01	-4.72E-05	4.53E-04	-1.05E-03	0.00E+00	0.00E+00	-1.21E-09	2.02E-09	1.86E-03	-9.10E-01	0.00E+00	0.00E+00	-3.39E-01	0.00E+00	-7.45E-01	0.00E+00	-8.95E-10	-9.48E-09	-5.58E-04	0.00E+00	-1.35E-01	0.00E+00	-7.45E-01	-2.46E-06	-7.45E-01	-8.80E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
MWN220A	-3.49E-03	4.98E-02	1.97E-03	-1.13E-03	0.00E+00	0.00E+00	-2.96E-01	-4.66E-04	1.14E-04	-1.18E-03	0.00E+00	0.00E+00	-9.24E-10	-6.58E-08	-2.13E-03	-9.31E-01	0.00E+00	0.00E+00	-6.74E-01	0.00E+00	-1.21E-01	0.00E+00	5.01E-09	-9.87E-09	-7.43E-04	0.00E+00	-1.54E-01	0.00E+00	-1.21E-01	-1.23E-05	-1.21E-01	-2.03E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
MWN225	-2.02E-04	-2.13E-01	-4.29E-04	-2.12E-01	0.00E+00	0.00E+00	-2.50E-01	-6.30E-05	5.57E-04	-2.05E-03	0.00E+00	0.00E+00	-1.82E-09	1.40E-09	-1.95E-02	-8.27E-01	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.95E+00	0.00E+00	-6.18E-09	-1.65E-08	-9.22E-04	0.00E+00	-3.06E-01	0.00E+00	-1.95E+00	-3.66E-06	-1.95E+00	-2.26E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01
MWN225A	-3.18E-03	-3.47E-02	2.94E-03	-3.27E-02	0.00E+00	0.00E+00	-2.89E-01	-3.34E-04	2.32E-04	-1.83E-03	0.00E+00	0.00E+00	-1.15E-09	-2.46E-08	-8.41E-03	-8.80E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-3.89E-01	0.00E+00	3.14E-09	-1.45E-08	-7.64E-04	0.00E+00	-2.03E-01	0.00E+00	-3.89E-01	-1.31E-05	-3.89E-01	-5.58E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.23E+01
MWN232	-2.50E-02	1.71E-02	-2.54E-03	1.97E-02	0.00E+00	0.00E+00	-5.50E+00	-2.53E-03	-9.79E-04	-1.26E-02	0.00E+00	0.00E+00	-3.55E-09	-2.94E-07	-1.78E-02	-2.52E+00	0.00E+00	0.00E+00	-5.07E+00	0.00E+00	-1.44E+00	0.00E+00	-7.80E-10	-4.74E-08	-3.80E-03	0.00E+00	-6.21E-01	0.00E+00	-1.44E+00	-7.55E-05	-1.44E+00	-2.06E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
MWN232A	-1.04E-02	2.05E-02	2.69E-03	1.33E-02	0.00E+00	0.00E+00	-1.18E+00	-8.23E-04	1.83E-04	-4.88E-03	0.00E+00	0.00E+00	-2.24E-09	-9.82E-08	-3.50E-03	-1.90E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	8.12E-01	0.00E+00	9.57E-09	-2.06E-08	-1.38E-03	0.00E+00	-2.99E-01	0.00E+00	8.12E-01	-3.19E-05	8.12E-01	3.78E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
MWN240	-2.25E-02	-7.82E-02	-4.45E-03	-7.38E-02	0.00E+00	0.00E+00	-5.73E+00	-2.28E-03	-7.65E-04	-1.22E-02	0.00E+00	0.00E+00	-4.23E-09	-2.63E-07	-2.88E-03	-2.28E+00	0.00E+00	0.00E+00	-5.25E+00	0.00E+00	-2.57E+00	0.00E+00	-8.04E-09	-5.07E-08	-3.87E-03	0.00E+00	-5.53E-01	0.00E+00	-2.57E+00	-6.73E-05	-2.57E+00	-3.12E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
MWN240A	-1.12E-02	4.73E-02	2.16E-03	3.53E-02	0.00E+00	0.00E+00	-1.38E+00	-8.51E-04	3.24E-04	-7.19E-03	0.00E+00	0.00E+00	-2.49E-09	-1.31E-07	-3.62E-03	-1.86E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	8.36E-01	0.00E+00	9.13E-09	-2.64E-08	-1.55E-03	0.00E+00	-2.83E-01	0.00E+00	8.36E-01	-3.15E-05	8.36E-01	4.50E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-7.39E+01
MWN250	-1.07E-02	7.64E-02	1.87E-03	7.58E-02	0.00E+00	0.00E+00	-1.28E+00	-9.10E-04	4.51E-04	-5.78E-03	0.00E+00	0.00E+00	-2.19E-09	-1.30E-07	-3.81E-03	-1.41E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	9.85E-01	0.00E+00	9.71E-09	-2.22E-08	-1.21E-03	0.00E+00	-1.57E-01	0.00E+00	9.85E-01	-3.30E-05	9.85E-01	5.95E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
MWN263	-3.30E-02	-4.02E-01	-7.99E-03	-3.94E-01	0.00E+00	0.00E+00	-8.28E+00	-3.26E-03	-1.55E-03	-1.97E-02	0.00E+00	0.00E+00	-5.34E-09	-3.79E-07	-7.87E-03	-4.03E+00	0.00E+00	0.00E+00	-6.98E+00	0.00E+00	-4.08E+00	0.00E+00	-2.00E-08	-7.29E-08	-5.91E-03	0.00E+00	-8.73E-01	0.00E+00	-4.08E+00	-9.52E-05	-4.08E+00	-4.95E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+02
MWN302A	-1.07E-02	-1.92E-01	1.56E-04	-1.02E-01	0.00E+00	0.00E+00	-2.27E+00	-1.69E-03	-4.26E-04	-6.80E-03	0.00E+00	0.00E+00	-2.55E-09	-1.40E-07	-1.16E-02	-2.74E+00	0.00E+00	0.00E+00	-3.12E+00	0.00E+00	-8.14E-01	0.00E+00	-4.71E-09	-2.72E-08	-2.90E-03	0.00E+00	-7.09E-01	0.00E+00	-8.14E-01	-4.29E-05	-8.14E-01	-1.30E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MWN304A	-1.29E-02	-1.33E-01	-2.90E-04	-1.16E-01	0.00E+00	0.00E+00	-2.22E+00	-1.66E-03	-3.43E-04	-7.13E-03	0.00E+00	0.00E+00	-2.53E-09	-1.61E-07	-1.19E-02	-2.69E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-7.55E-01	0.00E+00	-5.51E-09	-2.63E-08	-2.56E-03	0.00E+00	-7.36E-01	0.00E+00	-7.55E-01	-4.12E-05	-7.55E-01	-1.21E+00	-7.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MWN306	-4.43E-03	4.40E-03	5.27E-03	1.49E-02	0.00E+00	0.00E+00	-1.43E-02	-4.10E-04	2.20E-04	-2.12E-03	0.00E+00	0.00E+00	-9.03E-10	-3.33E-08	3.44E-03	-9.66E-01	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	4.52E-01	0.00E+00	9.16E-09	-8.99E-09	-8.60E-04	0.00E+00	-9.75E-02	0.00E+00	4.52E-01	-1.28E-05	4.52E-01	5.11E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
MWN306A	-3.76E-03	1.01E-01	5.83E-03	2.96E-02	0.00E+00	0.00E+00	3.57E-01	-3.39E-04	2.85E-04	-1.02E-03	0.00E+00	0.00E+00	-6.34E-10	-2.08E-08	5.28E-03	-7.98E-01	0.00E+00	0.00E+00	-3.52E-01	0.00E+00	6.63E-01	0.00E+00	1.08E-08	-1.23E-09	-5.09E-04	0.00E+00	-1.09E-02	0.00E+00	6.63E-01	-8.90E-06	6.63E-01	7.51E-01	-1.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
MWN310	1.30E-03	1.29E-01	7.93E-03	1.21E-01	0.00E+00	0.00E+00	2.26E+00	4.01E-06	6.35E-04	1.41E-03	0.00E+00	0.00E+00	1.61E-10	9.63E-09	1.27E-02	-9.86E-01	0.00E+00	0.00E+00	1.32E+00	0.00E+00	2.40E+00	0.00E+00	1.83E-08	7.25E-09	4.21E-04	0.00E+00	3.32E-02	0.00E+00	2.40E+00	1.63E-07	2.40E+00	2.43E+00	3.32E-02	0.00E+00	0.00E+00	0.00E+00	4.49E+01
MWN310A	-4.44E-03	-4.91E-02	5.04E-03	-3.47E-02	0.00E+00	0.00E+00	-2.51E-01	-4.06E-04	3.93E-04	-2.09E-03	0.00E+00	0.00E+00	-1.13E-09	-3.40E-08	2.87E-04	-1.26E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	1.09E-01	0.00E+00	6.62E-09	-9.91E-09	-8.09E-04	0.00E+00	-2.09E-01	0.00E+00	1.09E-01	-1.20E-05	1.09E-01	-5.69E-02	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
MWN316	1.66E-03	3.72E-01	8.89E-03	3.64E-01	0.00E+00	0.00E+00	2.14E+00	3.96E-06	7.52E-04	3.27E-03	0.00E+00	0.00E+00	3.41E-10	9.25E-09	1.47E-03	-8.42E-02	0.00E+00	0.00E+00	1.36E+00	0.00E+00	2.72E+00	0.00E+00	2.36E-08	1.01E-08	8.41E-04	0.00E+00	1.17E-01	0.00E+00	2.72E+00	5.77E-07	2.72E+00	2.84E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MWN316A	-2.41E-03	-1.74E-02	3.65E-03	-5.13E-02	0.00E+00	0.00E+00	6.92E-02	-3.40E-04	4.10E-04	-1.68E-03	0.00E+00	0.00E+00	-9.31E-10	-6.26E-09	-1.04E-03	-1.21E+00	0.00E+00	0.00E+00	-7.30E-01	0.00E+00	3.43E-01	0.00E+00	6.83E-09	-1.04E-08	-4.61E-04	0.00E+00	-2.06E-01	0.00E+00	3.43E-01	-8.21E-06	3.43E-01	-4.40E-02	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MWN320	-7.09E-04	-3.33E-01	-1.62E-03	-3.31E-01	0.00E+00	0.00E+00	-5.26E-01	-9.34E-05	5.41E-04	-3.16E-03	0.00E+00	0.00E+00	-2.76E-09	-9.92E-10	-3.02E-02	-1.87E+00	0.00E+00	0.00E+00	-2.25E+00	0.00E+00	-3.08E+00	0.00E+00	-1.05E-08	-2.57E-08	-1.42E-03	0.00E+00	-5.71E-01	0.00E+00	-3.08E+00	-5.48E-06	-3.08E+00	-3.65E+00	-5.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.27E+01
MWN320A	-1.82E-03	-8.65E-02	2.29E-03	-6.32E-02	0.00E+00	0.00E+00	-2.16E-01	-4.94E-04	4.86E-04	-1.75E-03	0.00E+00	0.00E+00	-1.27E-09	-2.05E-08	-1.43E-02	-1.58E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-1.08E-01	0.00E+00	5.85E-09	-1.43E-08	-5.55E-04	0.00E+00	-3.06E-01	0.00E+00	-1.08E-01	-1.33E-05	-1.08E-01	-3.67E-01	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
MWN325	2.59E-03	4.22E-01	1.21E-02	4.10E-01	0.00E+00	0.00E+00	2.84E+00	5.33E-06	1.42E-03	3.74E-03	0.00E+00	0.00E+00	5.07E-10	1.68E-08	-1.07E-02	3.60E-01	0.00E+00	0.00E+00	1.75E+00	0.00E+00	3.26E+00	0.00E+00	2.93E-08	1.24E-08	1.00E-03	0.00E+00	1.57E-01	0.00E+00	3.26E+00	6.99E-07	3.26E+00	3.42E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	6.35E+01
MWN325A	-8.65E-03	-1.25E-02	4.02E-03	-4.08E-02	0.00E+00	0.00E+00	-5.20E-01	-7.09E-04	5.39E-04	-4.07E-03	0.00E+00	0.00E+00	-1.89E-09	-1.21E-07	-1.77E-02	-1.49E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	1.89E-01	0.00E+00	5.72E-09	-2.01E-08	-1.64E-03	0.00E+00	-2.77E-01	0.00E+00	1.89E-01	-1.97E-05	1.89E-01	-2.85E-02	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-7.43E+01
MWN332	-3.44E-02	-4.74E-01	-8.94E-03	-4.65E-01	0.00E+00	0.00E+00	-8.77E+00	-3.42E-03	-1.38E-03	-2.11E-02	0.00E+00	0.00E+00	-6.37E-09	-3.95E-07	-8.14E-03	-4.12E+00	0.00E+00	0.00E+00	-8.04E+00	0.00E+00	-4.75E+00	0.00E+00	-2.17E-08	-8.08E-08	-6.43E-03	0.00E+00	-9.60E-01	0.00E+00	-4.75E+00	-1.01E-04	-4.75E+00	-5.71E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
MWN332A	-1.71E-02	4.00E-02	1.48E-03	3.75E-02	0.00E+00	0.00E+00	-2.63E+00	-1.79E-03	1.28E-06	-9.53E-03	0.00E+00	0.00E+00	-2.96E-09	-2.81E-07	-1.26E-02	-2.29E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	5.44E-01	0.00E+00	1.22E-08	-2.50E-08	-2.26E-03	0.00E+00	-3.95E-01	0.00E+00	5.44E-01	-7.73E-05	5.44E-01	-2.85E-02	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MWN340	-3.94E-02	-5.77E-01	-1.16E-02	-5.66E-01	0.00E+00	0.00E+00	-1.00E+01	-3.85E-03	-1.91E-03	-2.42E-02	0.00E+00	0.00E+00	-6.96E-09	-4.50E-07	-3.91E-02	-5.12E+00	0.00E+00	0.00E+00	-9.54E+00	0.00E+00	-5.93E+00	0.00E+00	-2.72E-08	-9.33E-08	-7.32E-03	0.00E+00	-1.33E+00	0.00E+00	-5.93E+00	-1.16E-04	-5.93E+00	-7.26E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-4.03E+02
MWN340A	-1.94E-02	1.90E-02	2.15E-03	-1.35E-02	0.00E+00	0.00E+00	-4.12E+00	-2.66E-03	-7.51E-05	-1.38E-02	0.00E+00	0.00E+00	-3.33E-09	-3.37E-07	-1.47E-02	-2.66E+00	0.00E+00	0.00E+00	-4.24E+00	0.00E+00	-6.92E-02	0.00E+00	1.23E-08	-3.82E-08	-2.57E-03	0.00E+00	-5.31E-01	0.00E+00	-6.92E-02	-7.90E-05	-6.92E-02	-3.61E-01	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
MWN350	-4.80E-02	-4.15E-01	-7.34E-03	-4.08E-01	0.00E+00	0.00E+00	-1.08E+01	-4.78E-03	-2.14E-03	-2.73E-02	0.00E+00	0.00E+00	-6.44E-09	-5.56E-07	-3.28E-02	-5.65E+00	0.00E+00	0.00E+00	-9.24E+00	0.00E+00	-3.92E+00	0.00E+00	-1.56E-08	-9.47E-08	-7.94E-03	0.00E+00	-1.27E+00	0.00E+00	-3.92E+00	-1.38E-04	-3.92E+00	-5.18E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.97E+02

MWN363	-4.78E-02	-3.83E-02	-5.96E-03	-3.23E-02	0.00E+00	0.00E+00	-1.09E+01	-4.84E-03	-1.92E-03	-2.47E-02	0.00E+00	0.00E+00	-6.87E-09	-5.62E-07	-9.94E-04	-4.47E+00	0.00E+00	0.00E+00	-9.38E+00	0.00E+00	-2.81E+00	0.00E+00	-6.16E-09	-8.99E-08	-7.38E-03	0.00E+00	-9.57E-01	0.00E+00	-2.81E+00	-1.40E-04	-2.81E+00	-3.76E+00	-9.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+02
MWN406	-9.05E-03	-2.67E-02	4.71E-03	1.21E-01	0.00E+00	0.00E+00	-8.41E-01	-1.08E-03	-2.28E-04	-4.81E-03	0.00E+00	0.00E+00	-1.80E-09	-1.17E-07	5.28E-03	-1.31E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	1.05E-01	0.00E+00	1.25E-08	-1.59E-08	-1.26E-03	0.00E+00	-6.68E-02	0.00E+00	1.05E-01	-2.73E-05	1.05E-01	1.18E-02	-6.68E-02	0.00E+00	0.00E+00	0.00E+00	-6.83E+01
MWN410	-1.24E-02	-1.86E-01	-5.31E-03	-1.80E-01	0.00E+00	0.00E+00	-3.67E+00	-1.19E-03	-6.23E-04	-7.78E-03	0.00E+00	0.00E+00	-5.03E-09	-1.37E-07	-3.99E-02	-1.84E+00	0.00E+00	0.00E+00	-5.29E+00	0.00E+00	-4.47E+00	0.00E+00	-1.22E-08	-5.13E-08	-3.14E-03	0.00E+00	-7.56E-01	0.00E+00	-4.47E+00	-3.79E-05	-4.47E+00	-5.23E+00	-7.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MWN416	-9.11E-03	9.01E-02	6.02E-03	8.41E-02	0.00E+00	0.00E+00	-4.48E-02	-9.84E-04	-2.84E-04	-3.90E-03	0.00E+00	0.00E+00	-8.69E-10	-1.10E-07	1.15E-02	-1.49E+00	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	1.94E+00	0.00E+00	1.62E-08	-9.82E-09	-1.11E-03	0.00E+00	-7.72E-02	0.00E+00	1.94E+00	-2.78E-05	1.94E+00	1.87E+00	-7.72E-02	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
MWN420	-1.56E-02	3.81E-01	8.09E-03	3.73E-01	0.00E+00	0.00E+00	-1.12E+00	-1.69E-03	-3.71E-04	-5.19E-03	0.00E+00	0.00E+00	-1.55E-09	-1.92E-07	-2.02E-02	-1.24E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	2.29E+00	0.00E+00	2.61E-08	-1.89E-08	-1.64E-03	0.00E+00	-2.29E-01	0.00E+00	2.29E+00	-4.80E-05	2.29E+00	2.06E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
MWN425	-2.24E-02	-3.15E-02	4.31E-03	-3.58E-02	0.00E+00	0.00E+00	-2.82E+00	-2.29E-03	-8.79E-04	-1.15E-02	0.00E+00	0.00E+00	-2.37E-09	-2.63E-07	-2.58E-02	-2.89E+00	0.00E+00	0.00E+00	-3.00E+00	0.00E+00	6.88E-01	0.00E+00	1.25E-08	-3.61E-08	-3.27E-03	0.00E+00	-5.52E-01	0.00E+00	6.88E-01	-6.55E-05	6.88E-01	1.35E-01	-5.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MWN432	3.82E-03	2.59E-01	1.07E-02	2.49E-01	0.00E+00	0.00E+00	1.23E+00	-9.39E-05	3.37E-03	1.84E-03	0.00E+00	0.00E+00	-2.19E-09	2.72E-08	-2.62E-02	-4.41E-01	0.00E+00	0.00E+00	-2.88E-01	0.00E+00	-1.46E-01	0.00E+00	1.64E-08	-1.03E-08	-7.27E-05	0.00E+00	-1.78E-01	0.00E+00	-1.46E-01	-4.87E-06	-1.46E-01	-3.25E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
MWN440	-3.45E-03	-2.95E-01	3.60E-03	-2.98E-01	0.00E+00	0.00E+00	-8.93E-01	-6.66E-04	2.39E-03	-5.52E-03	0.00E+00	0.00E+00	-3.50E-09	-4.61E-08	1.86E-03	-2.66E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-2.14E+00	0.00E+00	-4.08E-09	-2.99E-08	-1.99E-03	0.00E+00	-4.66E-01	0.00E+00	-2.14E+00	-2.65E-05	-2.14E+00	-2.60E+00	-4.66E-01	0.00E+00	0.00E+00	0.00E+00	-9.59E+01
MWN450	-6.42E-02	-3.12E-01	-1.28E-02	-2.99E-01	0.00E+00	0.00E+00	-1.61E+01	-6.44E-03	-2.75E-03	-3.52E-02	0.00E+00	0.00E+00	-1.05E-08	-7.49E-07	-1.03E-02	-6.69E+00	0.00E+00	0.00E+00	-1.36E+01	0.00E+00	-6.81E+00	0.00E+00	-2.62E-08	-1.37E-07	-1.08E-02	0.00E+00	-1.51E+00	0.00E+00	-6.81E+00	-1.88E-04	-6.81E+00	-8.32E+00	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	-5.84E+02
MWN463	-6.43E-02	-4.82E-01	-8.94E-03	-4.74E-01	0.00E+00	0.00E+00	-1.45E+01	-6.45E-03	-2.83E-03	-3.62E-02	0.00E+00	0.00E+00	-8.66E-09	-7.49E-07	-4.99E-03	-6.62E+00	0.00E+00	0.00E+00	-1.17E+01	0.00E+00	-4.45E+00	0.00E+00	-1.85E-08	-1.23E-07	-1.06E-02	0.00E+00	-1.32E+00	0.00E+00	-4.45E+00	-1.86E-04	-4.45E+00	-5.77E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-5.09E+02
MWN510	-1.33E-03	7.80E-03	3.97E-03	2.28E-02	0.00E+00	0.00E+00	1.39E-01	-2.06E-04	2.60E-04	-3.16E-04	0.00E+00	0.00E+00	-6.63E-10	-1.32E-08	-9.20E-03	-7.88E-01	0.00E+00	0.00E+00	-5.31E-01	0.00E+00	8.05E-02	0.00E+00	6.91E-09	-7.86E-09	-3.23E-04	0.00E+00	-1.32E-01	0.00E+00	8.05E-02	-5.78E-06	8.05E-02	-1.08E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
MWN516	-2.71E-03	6.79E-02	3.61E-03	3.77E-02	0.00E+00	0.00E+00	2.62E-01	-4.68E-04	1.22E-04	-8.52E-04	0.00E+00	0.00E+00	-7.23E-10	-6.96E-08	-1.21E-03	-6.64E-01	0.00E+00	0.00E+00	-2.50E-01	0.00E+00	5.97E-01	0.00E+00	9.13E-09	-7.63E-09	-5.36E-04	0.00E+00	-1.18E-01	0.00E+00	5.97E-01	-1.27E-05	5.97E-01	4.03E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
MWN520	-2.55E-03	6.22E-02	3.61E-03	2.77E-02	0.00E+00	0.00E+00	2.67E-01	-5.25E-04	1.22E-04	-8.52E-04	0.00E+00	0.00E+00	-7.40E-10	-7.43E-08	-1.59E-03	-8.31E-01	0.00E+00	0.00E+00	-1.82E-01	0.00E+00	5.97E-01	0.00E+00	9.06E-09	-7.70E-09	-5.24E-04	0.00E+00	-1.42E-01	0.00E+00	5.97E-01	-1.33E-05	5.97E-01	4.68E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
MWN525	-4.53E-03	4.09E-02	4.65E-03	4.63E-02	0.00E+00	0.00E+00	-1.48E-01	-3.50E-04	3.95E-04	-1.90E-03	0.00E+00	0.00E+00	-1.06E-09	-3.40E-08	9.67E-05	-1.37E+00	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-2.36E-02	0.00E+00	6.78E-09	-2.13E-08	-8.36E-04	0.00E+00	-9.61E-02	0.00E+00	-2.36E-02	-1.48E-05	-2.36E-02	-1.58E-01	-9.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
MWN532	-1.11E-02	8.79E-03	2.06E-03	-2.42E-03	0.00E+00	0.00E+00	-2.13E+00	-1.61E-03	6.69E-04	-6.39E-03	0.00E+00	0.00E+00	-2.04E-09	-1.14E-07	-4.47E-03	-1.62E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-6.19E-01	0.00E+00	4.85E-09	-2.69E-08	-1.17E-03	0.00E+00	-3.51E-01	0.00E+00	-6.19E-01	-3.07E-05	-6.19E-01	-9.91E-01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MWN540	-1.21E-02	6.12E-02	7.22E-04	7.30E-02	0.00E+00	0.00E+00	-2.27E+00	-9.96E-04	6.18E-04	-4.05E-03	0.00E+00	0.00E+00	-2.51E-09	-2.33E-07	-1.69E-03	-2.33E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-4.97E-01	0.00E+00	5.12E-09	-3.59E-08	-3.05E-03	0.00E+00	-4.00E-01	0.00E+00	-4.97E-01	-2.68E-05	-4.97E-01	-8.60E-01	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MWN602A	-1.57E-02	-1.99E-02	1.77E-03	6.17E-02	0.00E+00	0.00E+00	-4.78E+00	-1.80E-03	1.25E-03	-7.00E-03	0.00E+00	0.00E+00	-3.04E-09	-1.48E-07	-9.36E-03	-2.85E+00	0.00E+00	0.00E+00	-4.01E+00	0.00E+00	2.59E-02	0.00E+00	4.45E-09	-2.61E-08	-2.16E-03	0.00E+00	-6.33E-01	0.00E+00	2.59E-02	-3.76E-05	2.59E-02	-1.04E+00	-6.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MWN604A	-1.61E-02	-3.24E-02	1.12E-03	3.66E-02	0.00E+00	0.00E+00	-4.80E+00	-1.76E-03	1.22E-03	-6.67E-03	0.00E+00	0.00E+00	-3.02E-09	-1.68E-07	-1.06E-02	-2.90E+00	0.00E+00	0.00E+00	-3.75E+00	0.00E+00	3.24E-01	0.00E+00	4.31E-09	-2.72E-08	-2.13E-03	0.00E+00	-6.26E-01	0.00E+00	3.24E-01	-4.19E-05	3.24E-01	-7.10E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
MWN606A	-8.70E-03	3.81E-02	4.83E-03	1.08E-01	0.00E+00	0.00E+00	-6.21E-01	-9.64E-04	-1.53E-05	-2.77E-03	0.00E+00	0.00E+00	-1.46E-09	-1.07E-07	-3.22E-05	-1.30E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.91E-01	0.00E+00	1.05E-08	-1.30E-08	-1.04E-03	0.00E+00	-1.76E-01	0.00E+00	-1.91E-01	-2.44E-05	-1.91E-01	-3.77E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.25E+01
MWN610A	-1.00E-02	-4.36E-02	5.65E-03	9.05E-02	0.00E+00	0.00E+00	-9.36E-01	-9.85E-04	1.00E-04	-2.12E-03	0.00E+00	0.00E+00	-1.33E-09	-1.06E-07	5.21E-03	-1.28E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-8.72E-02	0.00E+00	1.17E-08	-8.22E-09	-6.66E-04	0.00E+00	-1.29E-01	0.00E+00	-8.72E-02	-2.40E-05	-8.72E-02	-4.66E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-8.54E+01
MWN616A	-7.12E-03	-1.34E-01	1.38E-03	-4.11E-02	0.00E+00	0.00E+00	-1.34E+00	-8.31E-04	-9.58E-05	-5.17E-03	0.00E+00	0.00E+00	-2.83E-09	-1.17E-07	-3.62E-03	-1.80E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-1.60E+00	0.00E+00	2.57E-09	-2.97E-08	-2.08E-03	0.00E+00	-3.79E-01	0.00E+00	-1.60E+00	-2.36E-05	-1.60E+00	-1.98E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MWN620A	-1.31E-02	-4.44E-02	1.97E-03	3.92E-02	0.00E+00	0.00E+00	-1.54E+00	-1.18E-03	-1.09E-04	-5.67E-03	0.00E+00	0.00E+00	-2.14E-09	-1.69E-07	-4.66E-03	-1.92E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-8.66E-02	0.00E+00	6.92E-09	-2.48E-08	-2.39E-03	0.00E+00	-3.79E-01	0.00E+00	-8.66E-02	-3.71E-05	-8.66E-02	-4.68E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-9.85E+01
MWN625A	-1.90E-02	1.80E-02	2.81E-03	9.43E-02	0.00E+00	0.00E+00	-2.52E+00	-1.95E-03	-5.06E-04	-9.76E-03	0.00E+00	0.00E+00	-2.54E-09	-2.40E-07	-1.93E-02	-2.13E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	3.26E-01	0.00E+00	7.74E-09	-3.82E-08	-3.20E-03	0.00E+00	-3.67E-01	0.00E+00	3.26E-01	-5.81E-05	3.26E-01	-9.14E-02	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
MWN632A	-3.94E-02	7.21E-02	1.21E-03	1.33E-01	0.00E+00	0.00E+00	-4.41E+00	-3.81E-03	-9.28E-04	-1.10E-02	0.00E+00	0.00E+00	-4.52E-09	-4.41E-07	-1.33E-02	-2.54E+00	0.00E+00	0.00E+00	-4.75E+00	0.00E+00	-4.73E-01	0.00E+00	6.26E-09	-4.70E-08	-2.85E-03	0.00E+00	-5.77E-01	0.00E+00	-4.73E-01	-8.13E-05	-4.73E-01	-1.06E+00	-5.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
MWN640A	-5.02E-02	-5.13E-02	8.29E-04	4.00E-03	0.00E+00	0.00E+00	-5.34E+00	-4.58E-03	1.29E-04	-2.14E-02	0.00E+00	0.00E+00	-3.55E-09	-5.04E-07	-9.80E-03	-3.68E+00	0.00E+00	0.00E+00	-4.83E+00	0.00E+00	-5.03E-01	0.00E+00	1.01E-08	-5.71E-08	-3.43E-03	0.00E+00	-7.78E-01	0.00E+00	-5.03E-01	-1.06E-04	-5.03E-01	-9.97E-01	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MWS206A	-4.29E-03	-1.21E-03	2.80E-03	-2.61E-02	0.00E+00	0.00E+00	-2.85E-01	-3.43E-04	1.66E-04	-2.14E-03	0.00E+00	0.00E+00	-1.11E-09	-4.18E-08	-3.40E-03	-1.12E+00	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	3.22E-02	0.00E+00	3.23E-09	-9.17E-09	-7.98E-04	0.00E+00	-1.69E-01	0.00E+00	3.22E-02	-1.26E-05	3.22E-02	-5.37E-02	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
MWS210A	-4.95E-03	-8.55E-03	3.05E-03	-3.50E-02	0.00E+00	0.00E+00	-5.00E-01	-3.89E-04	1.75E-04	-2.25E-03	0.00E+00	0.00E+00	-1.29E-09	-5.23E-08	-3.40E-03	-1.32E+00	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	8.61E-02	0.00E+00	3.54E-09	-9.76E-09	-8.46E-04	0.00E+00	-1.92E-01	0.00E+00	8.61E-02	-1.19E-05	8.61E-02	9.69E-02	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
MWS216A	-3.06E-03	4.78E-02	2.04E-03	3.57E-02	0.00E+00	0.00E+00	-2.95E-01	-3.64E-04	1.24E-04	-1.06E-03	0.00E+00	0.00E+00	-8.41E-10	-2.62E-08	-7.06E-05	-6.67E-01	0.00E+00	0.00E+00	-5.93E-01	0.00E+00	-5.68E-02	0.00E+00	8.05E-09	-7.41E-09	-6.38E-04	0.00E+00	-9.38E-02	0.00E+00	-5.68E-02	-1.07E-05	-5.68E-02	-2.31E-01	-9.38E-02	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
MWS220A	-3.55E-03	-2.53E-02	1.23E-03	-4.24E-02	0.00E+00	0.00E+00	-5.12E-01	-4.41E-04	3.02E-04	-1.70E-03	0.00E+00	0.00E+00	-1.12E-09	-5.24E-08	-4.34E-03	-8.42E-01	0.00E+00	0.00E+00	-6.31E-01	0.00E+00	-1.49E-01	0.00E+00	2.81E-09	-1.04E-08	-7.33E-04	0.00E+00	-2.22E-01	0.00E+00	-1.49E-01	-1.21E-05	-1.49E-01	-2.49E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
MWS225A	-3.07E-03	-2.04E-02	1.98E-03	-1.45E-02	0.00E+00	0.00E+00	-6.42E-01	-3.64E-04	2.41E-04	-1.53E-03	0.00E+00	0.00E+00	-1.39E-09	-3.86E-08	-6.50E-03	-8.23E-01	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-5.26E-02	0.00E+00	3.82E-09	-1.10E-08	-4.83E-04	0.00E+00	-1.77E-01	0.00E+00	-5.26E-02	-1.14E-05	-5.26E-02	-3.18E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
MWS232A	-1.19E-02	2.87E-02	2.14E-03	3.42E-02	0.00E+00	0.00E+00	-1.25E+00	-8.98E-04	1.79E-04	-5.07E-03	0.00E+00	0.00E+00	-2.20E-09	-1.01E-07	-4.50E-03	-1.90E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	8.44E-01	0.00E+00	9.41E-09	-2.12E-08	-1.35E-03	0.00E+00	-3.04E-01	0.00E+00	8.44E-01	-3.33E-05	8.44E-01	4.01E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-7.68E+01
MWS240A	-1.33E-02	5.22E-02	1.58E-03	5.59E-02	0.00E+00	0.00E+00	-1.35E+00	-9.94E-04	1.90E-04	-6.83E-03	0.00E+00	0.00E+00	-2.39E-09	-1.36E-07	-4.33E-03	-1.95E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	8.73E-01	0.00E+00	9.09E-09	-2.41E-08	-1.64E-03	0.00E+00	-2.90E-01	0.00E+00	8.73E-01	-3.37E-05	8.73E-01	3.95E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-7.32E+01
MWS306A	-5.63E-03	-3.41E-02	4.37E-03	-2.94E-02	0.00E+00	0.00E+00	-3.43E-01	-5.97E-04	1.64E-04	-3.05E-03	0.00E+00	0.00E+00	-1.21E-09	-6.39E-08	-1.54E-03	-1.18E+00	0.00E+00	0.00E+00	-9.11E-01	0.00E+00	4.14E-01	0.00E+00	6.53E-09	-1.12E-08	-9.83E-04	0.00E+00	-1.69E-01	0.00E+00	4.14E-01	-1.72E-05	4.14E-01	2.81E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.40E+01
MWS310A	-5.72E-03	-2.59E-02	3.44E-03	-2.67E-02	0.00E+00	0.00E+00	-9.38E-01	-6.63E-04	3.00E-04	-2.78E-03	0.00E+00	0.00E+00	-1.68E-09	-7.49E-08	-2.55E-03	-1.50E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	9.51E-02	0.00E+00	4.37E-09	-1.61E-08	-1.07E-03	0.00E+00	-2.10E-01	0.00E+00	9.51E-02	-1.72E-05	9.51E-02	-7.37E-02	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-6.48E+01
MWS316A	-5.01E-03	1.32E-01	3.09E-03	5.16E-03	0.00E+00	0.00E+00	-1.04E+00	-7.35E-04	2.86E-04	-2.73E-03	0.00E+00	0.00E+00	-1.68E-09	-7.50E-08	-5.01E-04	-1.52E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	2.66E-01	0.00E+00	6.08E-09	-1.59E-08	-1.15E-03	0.00E+00	-1.76E-01	0.00E+00	2.66E-01	-1.95E-05	2.66E-01	-1.71E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.43E+01
MWS320A	-7.19E-03	1.37E-01	2.89E-03	1.25E-02	0.00E+00	0.00E+00	-7.02E-01	-9.91E-04	3.36E-04	-4.06E-03	0.00E+00	0.00E+00	-1.22E-09	-8.74E-08	1.32E-04	-1.59E+00	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	6.54E-01	0.00E+00	6.92E-09	-1.47E-08	-1.04E-03	0.00E+00	-2.67E-01	0.00E+00	6.54E-01	-1.78E-05	6.54E-01	1.25E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
MWS325A	-1.88E-02	-3.05E-02	1.62E-03	-3.81E-02	0.00E+00	0.00E+00	-1.83E+00	-1.97E-03	-7.00E-05	-1.42E-02	0.00E+00	0.00E+00	-2.60E-09	-2.50E-07	-1.06E-02	-2.03E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-2.28E-02	0.00E+00	2.70E-09	-4.95E-08	-3.28E-03	0.00E+00	-3.87E-01	0.00E+00	-2.28E-02	-2.68E-05	-2.28E-02	-4.53E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-8.67E+01
MWS332A	-1.58E-02	-1.28E-01	-9.85E-04	-1.87E-01	0.00E+00	0.00E+00	-5.41E+00	-3.57E-03	-1.07E-03	-7.58E-03	0.00E+00	0.00E+00	-2.96E-09	-4.18E-07	-1.38E-02	-2.86E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-1.51E+00	0.00E+00	-3.55E-09	-5.74E-08	-5.23E-03	0.00E+00	-8.30E-01	0.00E+00	-1.51E+00	-8.90E-05	-1.51E+00	-1.92E+00	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
MWS340A	-1.77E-02	-1.76E-01	-3.26E-03	-2.98E-01	0.00E+00	0.00E+00	-5.45E+00	-3.93E-03	-1.34E-03	-8.82E-03	0.00E+00	0.00E+00	-3.66E-09	-4.02E-07	-1.23E-02	-3.54E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-1.46E+00	0.00E+00	-5.25E-09	-6.91E-08	-5.20E-03	0.00E+00	-8.62E-01	0.00E+00	-1.46E+00	-6.82E-05	-1.46E+00	-1.96E+00	-8.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
MWS606A	-9.47E-03	-9.88E-04	4.42E-03	1.10E-01	0.00E+00	0.00E+00	-1.51E+00	-1.35E-03	-5.86E-05	-6.12E-03	0.00E+00	0.00E+00	-1.85E-09	-1.72E-07	-4.66E-03	-1.91E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-1.64E-01	0.00E+00	1.29E-08	-2.02E-08	-1.25E-03	0.00E+00	-2.49E-01	0.00E+00	-1.64E-01	-3.68E-05	-1.64E-01	-4.57E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-9.18E+01
MWS610A	-1.02E-02	-2.47E-02	4.63E-03	4.86E-02	0.00E+00	0.00E+00	-1.46E+00	-1.33E-03	4.20E-05	-7.02E-03	0.00E+00	0.00E+00	-2.54E-09	-1.81E-07	-4.29E-03	-2.05E+00	0.00E+00	0.00E+00	-1.92E+00	0.00E+00	5.72E-01	0.00E+00	1.02E-08	-2.33E-08	-1.42E-03	0.00E+00	-2.43E-01	0.00E+00	5.72E-01	-3.05E-05	5.72E-01	-1.56E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-9.53E+01
MWS616A	-9.21E-03	-4.45E-02	2.87E-03	-1.55E-02	0.00E+00	0.00E+00	-2.37E+00	-1.52E-03	-3.45E-04	-7.99E-03	0.00E+00	0.00E+00	-2.84E-09	-1.86E-07	-2.76E-02	-3.03E+00	0.00E+00	0.00E+00	-3.13E+00	0.00E+00	-7.26E-01	0.00E+00	1.02E-08	-3.38E-08	-2.45E-03	0.00E+00	-2.96E-01	0.00E+00	-7.26E-01	-4.98E-05	-7.26E-01	-2.02E+00	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MWS620A	-1.93E-02	-9.01E-02	1.31E-03	-2.47E-02	0.00E+00	0.00E+00	-2.78E+00	-2.25E-03	-5.34E-04	-1.12E-02	0.00E+00	0.00E+00	-2.84E-09	-2.48E-07	-1.17E-02	-2.69E+00	0.00E+00	0.00E+00	-3.51E+00	0.00E+00	-5.71E-01	0.00E+00	6.34E-09	-4.13E-08	-3.15E-03	0.00E+00	-4.31E-01	0.00E+00	-5.71E-01	-4.50E-05	-5.71E-01	-1.44E+00	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MWS625A	-8.89E-03	-3.97E-02	3.01E-04	1.23E-02	0.00E+00	0.00E+00	-2.17E+00	-2.44E-03	-7.93E-04	-1.06E-02	0.00E+00	0.00E+00	-3.55E-09	-2.80E-07	-1.04E-02	-2.72E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	5.72E-01	0.00E+00	6.59E-09	-5.35E-08	-3.79E-03	0.00E+00	-2.90E-01	0.00E+00	5.72E-01	-2.95E-05	5.72E-01	1.93E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
MWS632A	-2.45E-02	-2.18E-02	9.99E-04	6.01E-02	0.00E+00	0.00E+00	-3.71E+00	-2.43E-03	1.42E-03	-1.29E-02	0.00E+00	0.00E+00	-3.14E-09	-2.76E-07	-1.13E-02	-3.22E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-5.65E-01	0.00E+00	1.05E-08	-4.06E-08	-2.50E-03	0.00E+00	-6.38E-01	0.00E+00	-5.65E-01	-7.07E-05	-5.65E-01	-1.10E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
MWS640A	-2.53E-02	-3.45E-02	1.49E-03	2.48E-03	0.00E+00	0.00E+00	-5.41E+00	-2.69E-03	1.48E-03	-1.63E-02	0.00E+00	0.00E+00	-5.70E-09	-2.23E-07	-1.11E-02	-3.39E+00	0.00E+00	0.00E+00	-5.70E+00	0.00E+00	-1.02E+00	0.00E+00	1.00E-08	-4.12E-08	-2.44E-03	0.00E+00	-7.15E-01	0.00E+00	-1.02E+00	-7.57E-05	-1.02E+00	-1.55E+00	-7.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
MX106	-1.09E-03	-6.32E-04	1.50E-03	1.72E-02	0.00E+00	0.00E+00	-2.87E-02	-1.42E-04	1.07E-04	-7.49E-04	0.00E+00	0.00E+00	-6.67E-10	-1.36E-08	-3.44E-03	-7.73E-01	0.00E+00	0.00E+00	-3.43E-01	0.00E+00	-3.12E-02	0.00E+00	1.54E-09	-4.52E-09	-3.73E-04	0.00E+00	-1.37E-01	0.00E+00	-3.12E-02	-3.17E-06	-3.12E-02	-1.58E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
MX110	-7.54E-04	3.04E-02	1.41E-03	2.16E-02	0.00E+00	0.00E+00	1.12E-01	-1.33E-04	1.31E-04	-5.37E-04	0.00E+00	0.00E+00	-4.79E-10	-1.31E-08	-2.50E-03	-2.98E-01	0.00E+00	0.00E+00	-1.25E-01	0.00E+00	2.42E-01	0.00E+00	2.63E-09	-3.79E-09	-2.72E-04	0.00E+00	-8.08E-02	0.00E+00	2.42E-01	-2.61E-06	2.42E-01	1.83E-01	-8.08E-02	0.00E+00	0.00E+00	0.00E+00	-7.14E+00
MX113	-1.37E-03	2.81E-02	1.60E-03	2.20E-02	0.00E+00	0.00E+00	1.03E-01	-1.38E-04	1.27E-04	-7.45E-04	0.00E+00	0.00E+00	-4.76E-10	-1.57E-08	-2.46E-03	-3.18E-01	0.00E+00	0.00E+00	-1.22E-01	0.00E+00	2.59E-01	0.00E+00	2.90E-09	-3.86E-09	-2.64E-04	0.00E+00	-8.65E-02	0.00E+00	2.59E-01	-2.70E-06	2.59E-01	1.91E-01	-8.65E-02	0.00E+00	0.00E+00	0.00E+00	-7.04E+00
MX116	-5.65E-04	4.69E-03	7.68E-04	1.13E-02	0.00E+00	0.00E+00	-1.21E-01	-1.28E-04	1.06E-04	-5.44E-04	0.00E+00	0.00E+00	-4.11E-10	-6.47E-09	1.05E-03	-3.67E-01	0.00E+00	0.00E+00	-3.07E-01	0.00E+00	-1.19E-01	0.00E+00	1.94E-09	-3.66E-09	-2.70E-04	0.00E+00	-4.65E-02	0.00E+00	-1.19E-01	-2.08E-06	-1.19E-01	-1.89E-01	-4.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
MX120	-1.68E-03	2.40E-02	1.87E-03	3.11E-02	0.00E+00	0.00E+00	9.17E-02	-1.65E-04	1.29E-04	-7.70E-04	0.00E+00	0.00E+00	-4.05E-10	-2.20E-08	-2.06E-03	-2.87E-01	0.00E+00	0.00E+00	-1.54E-01	0.00E+00	3.00E-01	0.00E+00	3.36E-09	-3.87E-09	-2.53E-04	0.00E+00	-9.86E-02	0.00E+00	3.00E-01	-4.58E-06	3.00E-01	2.31E-01	-9.86E-02	0.00E+00	0.00E+00	0.00E+00	-9.33E+00
MX125	-1.66E-03	3.86E-02	2.63E-03	4.73E-02	0.00E+00	0.00E+00	2.20E-01	-1.79E-04	2.08E-04	-6.03E-04	0.00E+00	0.00E+00	-3.53E-10	-4.01E-08	-1.12E-03	-1.18E-01	0.00E+00	0.00E+00	-9.80E-02	0.00E+00	2.53E-01	0.00E+00	6.03E-09	-5.04E-09	-1.02E-04	0.00E+00	-1.40E-02	0.00E+00	2.53E-01	-2.23E-06	2.53E-01	1.83E-01	-1.40E-02	0.00E+00	0.00E+00	0.00E+00	-5.97E+00
MX132	-6.17E-03	2.69E-02	1.60E-03	3.97E-02	0.00E+00	0.00E+00	-5.09E-01	-5.86E-04	1.69E-04	-3.46E-03	0.00E+00	0.00E+00	-9.32E-10	-8.45E-08	-1.05E-04	-8.79E-01	0.00E+00	0.00E+00	-4.90E-01	0.00E+00	2.74E-01	0.00E+00	7.85E-09	-1.18E-08	-9.29E-04	0.00E+00	-1.01E-01	0.00E+00	2.74E-01	-1.93E-05	2.74E-01	1.08E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
MX140	-7.14E-03	2.71E-02	1.84E-03	2.76E-02	0.00E+00	0.00E+00	-6.86E-01	-6.61E-04	3.27E-04	-4.00E-03	0.00E+00	0.00E+00	-9.09E-10	-9.92E-08	-3.75E-05	-8.46E-01	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	3.07E-01	0.00E+00	7.72E-09	-1.20E-08	-8.82E-04	0.00E+00	-1.10E-01	0.00E+00	3.07E-01	-2.11E-05	3.07E-01	1.82E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
MX206	-4.29E-03	-2.09E-02	2.68E-03	-3.96E-03	0.00E+00	0.00E+00	-1.21E-01	-3.04E-04	1.39E-04	-2.03E-03	0.00E+00	0.00E+00	-1.35E-09	-4.14E-08	-8.24E-03	-9.85E-01	0.00E+00	0.00E+00	-6.95E-01	0.00E+00	-3.32E-02	0.00E+00	1.58E-09	-1.10E-08	-8.33E-04	0.00E+00	-1.86E-01	0.00E+00	-3.32E-02	-1.19E-05	-3.32E-02	-1.40E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
MX210	-4.54E-03	-4.97E-03	2.68E-03	3.09E-03	0.00E+00	0.00E+00	1.55E-02	-3.75E-04	1.54E-04	-2.18E-03	0.00E+00	0.00E+00	-1.55E-09	-4.10E-08	-8.62E-03	-1.00E+00	0.00E+00	0.00E+00	-6.21E-01	0.00E+00	2.81E-01	0.00E+00	2.85E-09	-1.02E-08	-7.87E-04	0.00E+00	-2.16E-01	0.00E+00	2.81E-01	-1.21E-05	2.81E-01	2.26E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
MX213	-5.38E-03	-1.95E-02	2.71E-03	9.53E-04	0.00E+00	0.00E+00	-1.96E-01	-4.88E-04	1.31E-04	-2.27E-03	0.00E+00	0.00E+00	-1.78E-09	-6.62E-08	-8.98E-03	-1.13E+00	0.00E+00	0.00E+00	-9.63E-01	0.00E+00	2.37E-01	0.00E+00	3.45E-09	-1.26E-08	-1.03E-03	0.00E+00	-2.09E-01	0.00E+00	2.37E-01	-1.66E-05	2.37E-01	1.32E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MX216	-5.32E-03	-2.14E-02	2.26E-03	1.72E-03	0.00E+00	0.00E+00	-2.95E-01	-4.98E-04	1.31E-04	-2.51E-03	0.00E+00	0.00E+00	-1.80E-09	-7.01E-08	-8.29E-03	-1.16E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	1.73E-01	0.00E+00	2.89E-09	-1.42E-08	-1.06E-03	0.00E+00	-2.01E-01	0.00E+00	1.73E-01	-1.63E-05	1.73E-01	-9.58E-03	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.82E+01
MX220	-4.22E-03	-2.75E-02	1.74E-03	-1.46E-02	0.00E+00	0.00E+00	-3.37E-01	-4.39E-04	1.44E-04	-2.24E-03	0.00E+00	0.00E+00	-1.55E-09	-7.62E-08	-7.37E-03	-1.19E+00	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-2.55E-02	0.00E+00	2.55E-09	-1.43E-08	-7.78E-04	0.00E+00	-2.14E-01	0.00E+00	-2.55E-02	-1.35E-05	-2.55E-02	-2.42E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.34E+01
MX225	-4.01E-03	-1.92E-02	2.51E-03	-1.69E-03	0.00E+00	0.00E+00	-2.81E-01	-4.22E-04	2.61E-04	-1.94E-03	0.00E+00	0.00E+00	-1.43E-09	-6.25E-08	-3.17E-03	-6.46E-01	0.00E+00	0.00E+00	-9.63E-01	0.00E+00	-5.04E-02	0.00E+00	4.64E-09	-1.51E-08	-7.17E-04	0.00E+00	-1.17E-01	0.00E+00	-5.04E-02	-1.45E-05	-5.04E-02	-3.23E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-4.41E+01
MX232	-7.33E-03	-1.60E-01	-9.10E-04	-1.22E-01	0.00E+00	0.00E+00	-8.42E-01	-7.14E-04	2.16E-04	-4.29E-03	0.00E+00	0.00E+00	-2.29E-09	-5.63E-08	-3.16E-03	-3.10E+00	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.48E+00	0.00E+00	-4.14E-09	-2.39E-08	-1.25E-03	0.00E+00	-5.22E-01	0.00E+00	-1.48E+00	-2.63E-05	-1.48E+00	-2.03E+00	-5.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
MX240	-1.07E-02	-1.65E-01	-8.38E-04	-1.24E-01	0.00E+00	0.00E+00	-1.25E+00	-8.05E-04	3.26E-04	-6.77E-03	0.00E+00	0.00E+00	-2.34E-09	-1.43E-07	-5.51E-03	-3.29E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-1.37E+00	0.00E+00	-4.16E-09	-3.49E-08	-1.30E-03	0.00E+00	-5.46E-01	0.00E+00	-1.37E+00	-3.25E-05	-1.37E+00	-2.19E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-5.69E+01
MX306	-5.73E-03	-8.13E-02	3.35E-03	-5.46E-02	0.00E+00	0.00E+00	-1.83E-01	-5.62E-04	1.41E-04	-4.07E-03	0.00E+00	0.00E+00	-1.56E-09	-7.12E-08	-7.19E-03	-1.40E+00	0.00E+00	0.00E+00	-8.73E-01	0.00E+00	-9.35E-02	0.00E+00	3.49E-09	-1.86E-08	-1.30E-03	0.00E+00	-2.32E-01	0.00E+00	-9.35E-02	-1.77E-05	-9.35E-02	-1.02E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-4.03E+01
MX310	-5.84E-03	-1.09E-01	2.56E-03	-9.72E-02	0.00E+00	0.00E+00	-4.53E-01	-4.72E-04	2.03E-04	-4.33E-03	0.00E+00	0.00E+00	-2.04E-09	-6.32E-08	-1.31E-02	-1.47E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	3.91E-02	0.00E+00	1.18E-09	-2.32E-08	-1.37E-03	0.00E+00	-3.07E-01	0.00E+00	3.91E-02	-1.70E-05	3.91E-02	-1.74E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.80E+01
MX313	-6.36E-03	-9.66E-02	1.72E-03	-9.54E-02	0.00E+00	0.00E+00	-5.17E-01	-4.57E-04	2.44E-04	-3.80E-03	0.00E+00	0.00E+00	-2.36E-09	-5.73E-08	-1.00E-02	-1.40E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-2.11E-01	0.00E+00	5.29E-10	-2.44E-08	-1.29E-03	0.00E+00	-2.80E-01	0.00E+00	-2.11E-01	-1.59E-05	-2.11E-01	-4.45E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-6.02E+01
MX316	-5.80E-03	-8.60E-02	2.05E-03	-9.71E-02	0.00E+00	0.00E+00	-4.39E-01	-4.32E-04	3.09E-04	-3.74E-03	0.00E+00	0.00E+00	-2.39E-09	-5.95E-08	-1.08E-02	-1.42E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-2.14E-01	0.00E+00	5.90E-10	-2.48E-08	-1.43E-03	0.00E+00	-2.57E-01	0.00E+00	-2.14E-01	-1.46E-05	-2.14E-01	-6.96E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
MX320	-1.17E-02	-8.98E-02	1.51E-03	-9.61E-02	0.00E+00	0.00E+00	-4.39E-01	-1.06E-03	1.64E-04	-4.81E-03	0.00E+00	0.00E+00	-2.32E-09	-1.05E-07	-1.10E-02	-1.49E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-4.74E-02	0.00E+00	6.02E-10	-3.03E-08	-1.22E-03	0.00E+00	-2.94E-01	0.00E+00	-4.74E-02	-1.85E-05	-4.74E-02	-5.24E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.26E+01
MX325	-1.29E-02	1.88E-02	3.74E-03	1.43E-02	0.00E+00	0.00E+00	1.40E-02	-1.29E-03	2.99E-04	-2.71E-03	0.00E+00	0.00E+00	-1.60E-09	-8.04E-08	-9.93E-03	-1.35E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	4.33E-01	0.00E+00	6.88E-09	-3.23E-08	-8.80E-04	0.00E+00	-2.30E-01	0.00E+00	4.33E-01	-1.10E-05	4.33E-01	-3.82E-03	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
MX332	-1.63E-02	-1.73E-01	-2.99E-03	-1.05E-01	0.00E+00	0.00E+00	-1.96E+00	-1.81E-03	-4.49E-05	-1.11E-02	0.00E+00	0.00E+00	-3.49E-09	-2.55E-07	-1.20E-02	-3.39E+00	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	-1.80E+00	0.00E+00	-3.76E-09	-5.15E-08	-3.80E-03	0.00E+00	-6.06E-01	0.00E+00	-1.80E+00	-7.33E-05	-1.80E+00	-2.68E+00	-6.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MX340	-2.11E-02	-1.84E-01	-2.43E-03	-1.37E-01	0.00E+00	0.00E+00	-6.07E+00	-2.78E-03	-4.05E-04	-2.01E-02	0.00E+00	0.00E+00	-4.03E-09	-4.21E-07	-1.19E-02	-3.97E+00	0.00E+00	0.00E+00	-5.44E+00	0.00E+00	-2.87E+00	0.00E+00	-4.71E-09	-6.40E-08	-4.00E-03	0.00E+00	-8.07E-01	0.00E+00	-2.87E+00	-8.65E-05	-2.87E+00	-4.01E+00	-8.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
MX406	-8.66E-03	-6.01E-02	2.94E-03	-1.49E-02	0.00E+00	0.00E+00	-7.28E-01	-1.02E-03	-2.05E-04	-5.76E-03	0.00E+00	0.00E+00	-1.87E-09	-9.42E-08	-9.10E-04	-1.62E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-9.08E-02	0.00E+00	9.93E-10	-2.05E-08	-1.50E-03	0.00E+00	-2.55E-01	0.00E+00	-9.08E-02	-2.63E-05	-9.08E-02	-8.41E-02	-2.55E-01	0.00E+00	0.00E+00	0.00E+00	-7.35E+01
MX410	-8.31E-03	-7.62E-02	1.38E-03	-7.46E-02	0.00E+00	0.00E+00	-6.44E-01	-9.24E-04	2.93E-05	-4.66E-03	0.00E+00	0.00E+00	-2.80E-09	-8.16E-08	-2.53E-03	-1.53E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-4.24E-01	0.00E+00	-1.36E-10	-2.96E-08	-1.69E-03	0.00E+00	-2.92E-01	0.00E+00	-4.24E-01	-2.65E-05	-4.24E-01	-5.99E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
MX416	-1.02E-02	-7.04E-02	1.97E-03	-2.83E-02	0.00E+00	0.00E+00	-1.44E+00	-1.36E-03	8.88E-05	-5.37E-03	0.00E+00	0.00E+00	-2.63E-09	-1.35E-07	-4.48E-03	-1.56E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-3.21E-01	0.00E+00	1.18E-09	-2.58E-08	-1.62E-03	0.00E+00	-1.50E-01	0.00E+00	-3.21E-01	-2.77E-05	-3.21E-01	-5.70E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-9.59E+01
MX420	-3.10E-02	-1.36E-01	3.46E-04	-1.11E-02	0.00E+00	0.00E+00	-6.58E+00	-3.31E-03	-1.74E-03	-1.50E-02	0.00E+00	0.00E+00	-4.29E-09	-3.27E-07	-4.92E-03	-5.00E+00	0.00E+00	0.00E+00	-6.97E+00	0.00E+00	-1.00E+00	0.00E+00	-3.81E-09	-7.48E-08	-4.47E-03	0.00E+00	-7.61E-01	0.00E+00	-1.00E+00	-6.36E-05	-1.00E+00	-2.03E+00	-7.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+02
MX425	-1.53E-02	5.89E-03	4.43E-04	-1.36E-03	0.00E+00	0.00E+00	-2.82E+00	-1.89E-03	-2.52E-04	-8.36E-03	0.00E+00	0.00E+00	-4.13E-09	-2.14E-07	-1.29E-02	-1.85E+00	0.00E+00	0.00E+00	-3.43E+00	0.00E+00	-5.74E-01	0.00E+00	2.90E-09	-3.78E-08	-3.71E-03	0.00E+00	-4.51E-01	0.00E+00	-5.74E-01	-4.23E-05	-5.74E-01	-6.35E-01	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MX432	-2.27E-02	-1.82E-01	-2.12E-03	-1.22E-01	0.00E+00	0.00E+00	-5.14E+00	-2.64E-03	1.37E-03	-1.64E-02	0.00E+00	0.00E+00	-5.27E-09	-2.74E-07	-9.40E-03	-4.37E+00	0.00E+00	0.00E+00	-5.81E+00	0.00E+00	-2.75E+00	0.00E+00	-3.41E-09	-6.59E-08	-3.84E-03	0.00E+00	-8.24E-01	0.00E+00	-2.75E+00	-7.61E-05	-2.75E+00	-3.99E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
MX440	-2.57E-02	-1.85E-01	-2.44E-03	-1.33E-01	0.00E+00	0.00E+00	-7.71E+00	-3.48E-03	9.60E-04	-2.34E-02	0.00E+00	0.00E+00	-6.07E-09	-5.14E-07	-9.45E-03	-5.14E+00	0.00E+00	0.00E+00	-7.07E+00	0.00E+00	-3.42E+00	0.00E+00	-4.51E-09	-7.82E-08	-4.60E-03	0.00E+00	-1.00E+00	0.00E+00	-3.42E+00	-8.91E-05	-3.42E+00	-4.60E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E+02
MXN106	-9.95E-04	6.02E-03	1.26E-03	1.87E-02	0.00E+00	0.00E+00	3.27E-02	-1.71E-04	1.17E-04	-7.41E-04	0.00E+00	0.00E+00	-4.48E-10	-1.82E-08	-8.03E-04	-3.82E-01	0.00E+00	0.00E+00	-2.32E-01	0.00E+00	-9.15E-02	0.00E+00	2.48E-09	-4.09E-09	-3.30E-04	0.00E+00	-7.39E-02	0.00E+00	-9.15E-02	-3.77E-06	-9.15E-02	-8.20E-02	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
MXN110	-7.76E-04	4.03E-03	1.14E-03	1.56E-02	0.00E+00	0.00E+00	1.44E-01	-1.36E-04	1.29E-04	-7.40E-04	0.00E+00	0.00E+00	-4.56E-10	-1.58E-08	-1.09E-03	-4.48E-01	0.00E+00	0.00E+00	-1.72E-01	0.00E+00	-5.60E-02	0.00E+00	2.06E-09	-4.19E-09	-3.12E-04	0.00E+00	-8.09E-02	0.00E+00	-5.60E-02	-2.78E-06	-5.60E-02	-9.59E-02	-8.09E-02	0.00E+00	0.00E+00	0.00E+00	-8.90E+00
MXN116	-6.27E-04	4.76E-03	1.23E-03	1.60E-02	0.00E+00	0.00E+00	1.66E-01	-1.19E-04	1.29E-04	-6.53E-04	0.00E+00	0.00E+00	-4.28E-10	-1.18E-08	-7.98E-05	-4.41E-01	0.00E+00	0.00E+00	-1.29E-01	0.00E+00	-4.96E-02	0.00E+00	2.07E-09	-4.12E-09	-2.96E-04	0.00E+00	-7.56E-02	0.00E+00	-4.96E-02	-2.72E-06	-4.96E-02	-5.53E-02	-7.56E-02	0.00E+00	0.00E+00	0.00E+00	-7.32E+00
MXN150	-5.91E-03	-1.26E-01	5.88E-04	-9.52E-02	0.00E+00	0.00E+00	-2.88E-01	-5.18E-04	7.03E-04	-3.45E-03	0.00E+00	0.00E+00	-9.22E-10	-7.47E-08	-3.16E-03	-1.65E+00	0.00E+00	0.00E+00	-5.48E-01	0.00E+00	-7.29E-01	0.00E+00	-5.48E-09	-1.23E-08	-5.41E-04	0.00E+00	-2.25E-01	0.00E+00	-7.29E-01	-1.49E-05	-7.29E-01	-1.08E+00	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
MXN163	-5.52E-03	-1.28E-01	4.66E-04	-8.79E-02	0.00E+00	0.00E+00	-3.48E-01	-5.17E-04	9.08E-04	-3.27E-03	0.00E+00	0.00E+00	-8.85E-10	-4.81E-08	-2.78E-03	-1.39E+00	0.00E+00	0.00E+00	-5.01E-01	0.00E+00	-7.25E-01	0.00E+00	-5.43E-09	-1.15E-08	-5.01E-04	0.00E+00	-2.04E-01	0.00E+00	-7.25E-01	-1.36E-05	-7.25E-01	-1.11E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
MXN206	-4.25E-03	-2.48E-02	2.64E-03	-9.08E-04	0.00E+00	0.00E+00	-2.65E-01	-3.61E-04	1.37E-04	-2.16E-03	0.00E+00	0.00E+00	-1.45E-09	-4.25E-08	-1.00E-02	-8.68E-01	0.00E+00	0.00E+00	-8.65E-01	0.00E+00	-1.05E-01	0.00E+00	2.62E-09	-1.22E-08	-9.02E-04	0.00E+00	-1.66E-01	0.00E+00	-1.05E-01	-1.38E-05	-1.05E-01	-1.41E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-3.67E+01
MXN210	-4.27E-03	-1.37E-02	1.62E-03	1.18E-02	0.00E+00	0.00E+00	-6.78E-02	-3.65E-04	1.50E-04	-1.83E-03	0.00E+00	0.00E+00	-1.38E-09	-3.71E-08	-9.21E-03	-9.20E-01	0.00E+00	0.00E+00	-5.55E-01	0.00E+00	7.11E-02	0.00E+00	1.08E-09	-1.03E-08	-8.05E-04	0.00E+00	-1.73E-01	0.00E+00	7.11E-02	-1.15E-05	7.11E-02	-6.80E-02	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
MXN216	-3.64E-03	-2.24E-02	1.32E-03	-3.17E-03	0.00E+00	0.00E+00	-4.33E-01	-3.57E-04	1.34E-04	-2.07E-03	0.00E+00	0.00E+00	-1.49E-09	-6.93E-08	-6.77E-03	-1.24E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-2.61E-01	0.00E+00	1.55E-10	-1.37E-08	-8.80E-04	0.00E+00	-1.75E-01	0.00E+00	-2.61E-01	-1.14E-05	-2.61E-01	-5.79E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01

MXN220	-3.83E-03	-3.33E-02	6.28E-04	-1.53E-02	0.00E+00	0.00E+00	-6.50E-01	-4.05E-04	1.70E-04	-2.23E-03	0.00E+00	0.00E+00	-1.38E-09	-7.63E-08	-6.53E-03	-8.39E-01	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-4.01E-01	0.00E+00	-2.65E-10	-1.54E-08	-9.45E-04	0.00E+00	-1.72E-01	0.00E+00	-4.01E-01	-1.18E-05	-4.01E-01	-6.71E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.94E+01
MXN225	-3.63E-03	-6.27E-02	8.43E-04	-8.55E-03	0.00E+00	0.00E+00	-7.92E-01	-4.22E-04	2.08E-04	-2.66E-03	0.00E+00	0.00E+00	-1.75E-09	-6.83E-08	-5.46E-03	-7.67E-01	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	-6.07E-01	0.00E+00	3.76E-10	-1.65E-08	-9.84E-04	0.00E+00	-1.60E-01	0.00E+00	-6.07E-01	-1.32E-05	-6.07E-01	-8.68E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.23E+01
MXN232	-1.62E-02	3.58E-02	2.01E-03	-1.80E-02	0.00E+00	0.00E+00	-2.67E+00	-1.91E-03	5.15E-04	-7.59E-03	0.00E+00	0.00E+00	-2.33E-09	-1.85E-07	-5.48E-03	-1.36E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-5.80E-01	0.00E+00	2.87E-09	-2.84E-08	-2.69E-03	0.00E+00	-3.34E-01	0.00E+00	-5.80E-01	-5.46E-05	-5.80E-01	-8.59E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MXN240	-1.07E-02	1.16E-01	3.24E-03	6.78E-02	0.00E+00	0.00E+00	-2.29E+00	-1.70E-03	6.77E-04	-2.77E-03	0.00E+00	0.00E+00	-2.42E-09	-1.15E-07	-1.08E-03	-1.19E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	-2.58E-01	0.00E+00	4.15E-09	-3.02E-08	-2.85E-03	0.00E+00	-2.97E-01	0.00E+00	-2.58E-01	-4.88E-05	-2.58E-01	-5.20E-01	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-9.62E+01
MXN250	-1.07E-02	-1.87E-01	1.32E-04	-1.62E-01	0.00E+00	0.00E+00	-1.63E-01	-8.77E-04	1.11E-03	-6.94E-03	0.00E+00	0.00E+00	-2.52E-09	-1.20E-07	-6.39E-03	-3.02E+00	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-1.32E+00	0.00E+00	-1.00E-08	-3.84E-08	-1.04E-03	0.00E+00	-4.94E-01	0.00E+00	-1.32E+00	-3.14E-05	-1.32E+00	-1.89E+00	-4.94E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MXN263	-1.90E-02	-1.71E-01	-1.92E-03	-1.31E-01	0.00E+00	0.00E+00	-4.56E-01	-1.23E-03	1.15E-03	-1.13E-02	0.00E+00	0.00E+00	-2.69E-09	-1.09E-07	-3.79E-03	-2.75E+00	0.00E+00	0.00E+00	-7.73E-01	0.00E+00	-1.20E+00	0.00E+00	-1.01E-08	-4.54E-08	-2.04E-03	0.00E+00	-4.87E-01	0.00E+00	-1.20E+00	-3.97E-05	-1.20E+00	-1.78E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
MXN310	-4.80E-03	8.23E-02	2.61E-03	2.34E-02	0.00E+00	0.00E+00	-3.77E-01	-4.42E-04	2.38E-04	-1.38E-03	0.00E+00	0.00E+00	-1.61E-09	-4.57E-08	2.40E-03	-1.28E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.14E-01	0.00E+00	3.43E-09	-1.32E-08	-1.10E-03	0.00E+00	-1.29E-01	0.00E+00	-1.14E-01	-1.40E-05	-1.14E-01	-1.97E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
MXN316	-8.35E-03	-1.33E-01	1.57E-03	-1.23E-01	0.00E+00	0.00E+00	-1.28E+00	-1.16E-03	-3.51E-05	-4.88E-03	0.00E+00	0.00E+00	-2.70E-09	-6.73E-08	-1.19E-02	-1.43E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-7.95E-01	0.00E+00	5.96E-10	-2.74E-08	-1.89E-03	0.00E+00	-2.94E-01	0.00E+00	-7.95E-01	-2.82E-05	-7.95E-01	-1.31E+00	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+01
MXN320	-6.29E-03	-1.27E-01	1.30E-03	-1.26E-01	0.00E+00	0.00E+00	-7.08E-01	-6.30E-04	3.76E-04	-4.10E-03	0.00E+00	0.00E+00	-1.70E-09	-5.45E-08	-1.42E-02	-1.45E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-7.07E-01	0.00E+00	1.10E-09	-2.15E-08	-1.34E-03	0.00E+00	-2.75E-01	0.00E+00	-7.07E-01	-1.15E-05	-7.07E-01	-8.41E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
MXN325	-1.22E-02	-4.11E-02	2.31E-03	-6.78E-02	0.00E+00	0.00E+00	-1.92E+00	-1.45E-03	2.23E-04	-3.99E-03	0.00E+00	0.00E+00	-2.98E-09	-1.15E-07	-1.95E-02	-1.55E+00	0.00E+00	0.00E+00	-2.74E+00	0.00E+00	-5.25E-01	0.00E+00	2.41E-09	-2.93E-08	-2.03E-03	0.00E+00	-2.73E-01	0.00E+00	-5.25E-01	-2.99E-05	-5.25E-01	-9.55E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MXN350	-4.00E-02	-2.37E-01	-5.99E-03	-2.70E-01	0.00E+00	0.00E+00	-7.06E+00	-4.10E-03	-1.29E-03	-1.99E-02	0.00E+00	0.00E+00	-5.89E-09	-4.46E-07	-4.53E-03	-3.84E+00	0.00E+00	0.00E+00	-6.25E+00	0.00E+00	-2.51E+00	0.00E+00	-1.79E-08	-8.43E-08	-6.22E-03	0.00E+00	-8.00E-01	0.00E+00	-2.51E+00	-1.13E-04	-2.51E+00	-3.73E+00	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+02
MXN363	-4.10E-02	-2.43E-01	-7.05E-03	-3.55E-01	0.00E+00	0.00E+00	-9.88E+00	-4.47E-03	-1.76E-03	-2.71E-02	0.00E+00	0.00E+00	-6.29E-09	-5.27E-07	-6.12E-03	-5.11E+00	0.00E+00	0.00E+00	-8.41E+00	0.00E+00	-4.26E+00	0.00E+00	-1.84E-08	-8.93E-08	-6.34E-03	0.00E+00	-1.13E+00	0.00E+00	-4.26E+00	-1.23E-04	-4.26E+00	-5.54E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-3.73E+02
MXN406	-1.02E-02	-6.46E-02	1.59E-03	3.11E-02	0.00E+00	0.00E+00	-2.04E+00	-1.17E-03	-1.43E-04	-5.37E-03	0.00E+00	0.00E+00	-2.29E-09	-6.87E-08	-1.27E-03	-1.73E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-9.08E-01	0.00E+00	7.39E-09	-2.11E-08	-1.42E-03	0.00E+00	-1.26E-01	0.00E+00	-9.08E-01	-2.48E-05	-9.08E-01	-8.78E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
MXN410	-9.06E-03	-1.03E-01	1.17E-03	-4.67E-02	0.00E+00	0.00E+00	-2.14E+00	-1.11E-03	1.15E-04	-4.68E-03	0.00E+00	0.00E+00	-3.13E-09	-6.23E-08	-3.43E-03	-1.65E+00	0.00E+00	0.00E+00	-2.75E+00	0.00E+00	-1.48E+00	0.00E+00	1.24E-09	-2.92E-08	-1.63E-03	0.00E+00	-1.97E-01	0.00E+00	-1.48E+00	-2.49E-05	-1.48E+00	-1.64E+00	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MXN416	-1.18E-02	-6.21E-02	2.38E-03	-2.69E-02	0.00E+00	0.00E+00	-8.19E-01	-1.51E-03	8.06E-05	-3.11E-03	0.00E+00	0.00E+00	-2.48E-09	-1.03E-07	5.52E-04	-1.84E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-6.79E-01	0.00E+00	5.21E-09	-1.90E-08	-1.71E-03	0.00E+00	-2.49E-01	0.00E+00	-6.79E-01	-3.08E-05	-6.79E-01	-7.27E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.29E+01
MXN420	-1.26E-02	-6.36E-02	1.61E-03	9.22E-02	0.00E+00	0.00E+00	-5.42E-01	-1.49E-03	2.53E-04	-4.71E-03	0.00E+00	0.00E+00	-2.42E-09	-1.26E-07	2.61E-03	-1.96E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-4.14E-01	0.00E+00	1.17E-08	-2.13E-08	-1.64E-03	0.00E+00	-2.94E-01	0.00E+00	-4.14E-01	-2.95E-05	-4.14E-01	-3.12E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.72E+01
MXN425	-1.42E-02	1.34E-04	-2.64E-04	4.43E-02	0.00E+00	0.00E+00	-3.40E+00	-1.83E-03	-2.28E-04	-8.09E-03	0.00E+00	0.00E+00	-4.50E-09	-2.29E-07	-1.54E-02	-2.03E+00	0.00E+00	0.00E+00	-3.96E+00	0.00E+00	-1.18E+00	0.00E+00	7.31E-09	-3.60E-08	-3.96E-03	0.00E+00	-5.38E-01	0.00E+00	-1.18E+00	-4.14E-05	-1.18E+00	-1.32E+00	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+02
MXN432	-2.14E-02	-9.00E-02	-3.74E-04	-4.32E-02	0.00E+00	0.00E+00	-6.42E+00	-1.30E-03	-3.06E-05	-7.14E-03	0.00E+00	0.00E+00	-4.97E-09	-1.84E-07	-6.32E-03	-2.15E+00	0.00E+00	0.00E+00	-6.17E+00	0.00E+00	-2.17E+00	0.00E+00	6.58E-09	-3.92E-08	-3.20E-03	0.00E+00	-7.88E-01	0.00E+00	-2.17E+00	-5.54E-05	-2.17E+00	-2.70E+00	-7.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+02
MXN440	-2.37E-03	-1.00E-01	-1.41E-03	-2.81E-01	0.00E+00	0.00E+00	-3.69E+00	-1.34E-03	1.61E-03	-1.44E-02	0.00E+00	0.00E+00	-5.99E-09	-3.29E-07	-2.31E-03	-2.62E+00	0.00E+00	0.00E+00	-3.73E+00	0.00E+00	-2.25E-01	0.00E+00	-6.31E-09	-4.25E-08	-3.83E-03	0.00E+00	-6.55E-01	0.00E+00	-2.25E-01	-1.71E-05	-2.25E-01	-5.47E-01	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MXN450	-4.09E-02	-2.41E-01	-7.13E-03	-3.12E-01	0.00E+00	0.00E+00	-7.75E+00	-4.65E-03	3.19E-04	-2.79E-02	0.00E+00	0.00E+00	-6.12E-09	-5.88E-07	-6.45E-03	-4.01E+00	0.00E+00	0.00E+00	-7.16E+00	0.00E+00	-3.43E+00	0.00E+00	-1.63E-08	-9.10E-08	-6.49E-03	0.00E+00	-1.10E+00	0.00E+00	-3.43E+00	-1.17E-04	-3.43E+00	-4.41E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
MXN463	-4.48E-02	-2.54E-01	-6.80E-03	-3.77E-01	0.00E+00	0.00E+00	-8.69E+00	-5.56E-03	-2.46E-03	-3.38E-02	0.00E+00	0.00E+00	-8.68E-09	-6.88E-07	-2.03E-03	-6.70E+00	0.00E+00	0.00E+00	-7.91E+00	0.00E+00	-3.53E+00	0.00E+00	-1.86E-08	-1.18E-07	-9.86E-03	0.00E+00	-1.35E+00	0.00E+00	-3.53E+00	-1.60E-04	-3.53E+00	-4.68E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E+02
MY101	-7.18E-03	-3.01E-02	2.07E-04	-6.09E-03	0.00E+00	0.00E+00	-1.09E+00	-6.56E-04	6.00E-05	-3.63E-03	0.00E+00	0.00E+00	-1.12E-09	-8.05E-08	-3.81E-03	-8.83E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-2.80E-01	0.00E+00	1.92E-10	-1.49E-08	-9.15E-04	0.00E+00	-1.62E-01	0.00E+00	-2.80E-01	-1.41E-05	-2.80E-01	-4.88E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MY101E	-5.93E-03	-1.86E-01	-9.74E-04	-1.67E-01	0.00E+00	0.00E+00	-1.82E+00	-5.05E-04	-1.62E-04	-4.05E-03	0.00E+00	0.00E+00	-1.33E-09	-6.46E-08	-5.34E-03	-5.58E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.16E+00	0.00E+00	-5.48E-09	-1.87E-08	-1.19E-03	0.00E+00	-8.22E-01	0.00E+00	-1.16E+00	-1.62E-05	-1.16E+00	-1.83E+00	-8.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.18E+01
MY102	-5.63E-03	-2.97E-02	1.47E-03	6.51E-03	0.00E+00	0.00E+00	-7.17E-01	-3.92E-04	1.14E-04	-2.06E-03	0.00E+00	0.00E+00	-8.04E-10	-6.43E-08	-8.66E-04	-8.97E-01	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	1.93E-01	0.00E+00	7.98E-09	-9.66E-09	-7.57E-04	0.00E+00	-1.33E-01	0.00E+00	1.93E-01	-1.53E-05	1.93E-01	-3.37E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MY102E	-5.09E-03	-1.83E-01	-8.79E-04	-1.68E-01	0.00E+00	0.00E+00	-1.74E+00	-4.43E-04	-1.48E-04	-3.61E-03	0.00E+00	0.00E+00	-1.17E-09	-5.70E-08	-5.07E-03	-5.63E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-1.16E+00	0.00E+00	-5.48E-09	-1.81E-08	-1.16E-03	0.00E+00	-8.28E-01	0.00E+00	-1.16E+00	-1.49E-05	-1.16E+00	-1.83E+00	-8.28E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
MY103	-5.50E-03	-3.03E-02	1.42E-03	1.14E-02	0.00E+00	0.00E+00	-7.17E-01	-3.92E-04	1.14E-04	-2.18E-03	0.00E+00	0.00E+00	-8.20E-10	-6.01E-08	-7.51E-04	-9.13E-01	0.00E+00	0.00E+00	-6.20E-01	0.00E+00	1.90E-01	0.00E+00	7.96E-09	-9.98E-09	-7.30E-04	0.00E+00	-1.27E-01	0.00E+00	1.90E-01	-1.55E-05	1.90E-01	-3.48E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
MY103E	-5.64E-03	-1.91E-01	-9.46E-04	-1.69E-01	0.00E+00	0.00E+00	-1.76E+00	-4.87E-04	-1.95E-04	-3.76E-03	0.00E+00	0.00E+00	-1.26E-09	-6.42E-08	-5.08E-03	-5.65E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.15E+00	0.00E+00	-5.70E-09	-1.86E-08	-1.14E-03	0.00E+00	-8.67E-01	0.00E+00	-1.15E+00	-1.56E-05	-1.15E+00	-1.84E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MY104	-6.14E-03	-3.06E-02	1.36E-03	5.14E-03	0.00E+00	0.00E+00	-7.52E-01	-3.93E-04	1.08E-04	-2.48E-03	0.00E+00	0.00E+00	-8.49E-10	-6.32E-08	-9.33E-04	-9.68E-01	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	1.60E-01	0.00E+00	7.98E-09	-1.02E-08	-7.74E-04	0.00E+00	-1.43E-01	0.00E+00	1.60E-01	-1.66E-05	1.60E-01	-3.56E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+01
MY104E	-5.44E-03	-1.91E-01	-9.59E-04	-1.62E-01	0.00E+00	0.00E+00	-1.80E+00	-4.63E-04	-1.93E-04	-3.78E-03	0.00E+00	0.00E+00	-1.24E-09	-6.08E-08	-5.14E-03	-5.65E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.15E+00	0.00E+00	-5.72E-09	-1.87E-08	-1.15E-03	0.00E+00	-8.67E-01	0.00E+00	-1.15E+00	-1.57E-05	-1.15E+00	-1.84E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MY106	-1.06E-03	1.25E-03	1.52E-03	8.93E-03	0.00E+00	0.00E+00	-5.21E-02	-1.37E-04	1.07E-04	-7.28E-04	0.00E+00	0.00E+00	-6.79E-10	-1.22E-08	-3.36E-03	-7.87E-01	0.00E+00	0.00E+00	-3.37E-01	0.00E+00	1.49E-02	0.00E+00	2.03E-09	-3.86E-09	-3.88E-04	0.00E+00	-1.33E-01	0.00E+00	1.49E-02	-2.97E-06	1.49E-02	-1.34E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
MY106E	-8.64E-04	3.40E-03	1.47E-03	1.84E-02	0.00E+00	0.00E+00	-5.42E-02	-1.22E-04	1.11E-04	-6.15E-04	0.00E+00	0.00E+00	-4.90E-10	-1.26E-08	-2.59E-03	-2.63E-01	0.00E+00	0.00E+00	-3.04E-01	0.00E+00	-5.40E-02	0.00E+00	1.82E-09	-3.95E-09	-3.21E-04	0.00E+00	-7.67E-02	0.00E+00	-5.40E-02	-2.63E-06	-5.40E-02	-1.20E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
MY106P	-5.31E-03	-1.65E-01	-1.17E-03	-1.59E-01	0.00E+00	0.00E+00	-1.63E+00	-4.94E-04	-2.52E-04	-4.30E-03	0.00E+00	0.00E+00	-1.36E-09	-6.06E-08	-5.28E-03	-5.05E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-1.19E+00	0.00E+00	-6.06E-09	-1.81E-08	-1.21E-03	0.00E+00	-6.77E-01	0.00E+00	-1.19E+00	-1.60E-05	-1.19E+00	-1.80E+00	-6.77E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
MY110	-1.05E-03	2.74E-02	1.14E-03	1.10E-02	0.00E+00	0.00E+00	1.08E-01	-1.16E-04	1.27E-04	-7.98E-04	0.00E+00	0.00E+00	-5.59E-10	-1.45E-08	-3.05E-03	-3.57E-01	0.00E+00	0.00E+00	-1.28E-01	0.00E+00	2.98E-01	0.00E+00	2.39E-09	-3.71E-09	-2.71E-04	0.00E+00	-9.77E-02	0.00E+00	2.98E-01	-2.70E-06	2.98E-01	1.54E-01	-9.77E-02	0.00E+00	0.00E+00	0.00E+00	-8.15E+00
MY110E	-2.29E-03	-1.16E-01	-2.61E-04	-1.17E-01	0.00E+00	0.00E+00	-1.00E+00	-2.33E-04	-1.07E-04	-1.49E-03	0.00E+00	0.00E+00	-6.12E-10	-3.03E-08	-3.61E-04	-3.40E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.11E+00	0.00E+00	-3.14E-09	-1.40E-08	-5.07E-04	0.00E+00	-4.62E-01	0.00E+00	-1.11E+00	-7.58E-06	-1.11E+00	-1.55E+00	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MY110P	-2.15E-03	-1.12E-01	-2.61E-04	-1.12E-01	0.00E+00	0.00E+00	-9.73E-01	-2.29E-04	-9.44E-05	-1.25E-03	0.00E+00	0.00E+00	-5.77E-10	-2.96E-08	-3.63E-04	-3.29E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.11E+00	0.00E+00	-3.07E-09	-1.35E-08	-4.60E-04	0.00E+00	-4.40E-01	0.00E+00	-1.11E+00	-7.12E-06	-1.11E+00	-1.52E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
MY113	-1.30E-03	2.65E-02	1.41E-03	1.32E-02	0.00E+00	0.00E+00	1.09E-01	-1.31E-04	1.27E-04	-8.14E-04	0.00E+00	0.00E+00	-5.30E-10	-1.51E-08	-2.39E-03	-3.44E-01	0.00E+00	0.00E+00	-1.10E-01	0.00E+00	2.67E-01	0.00E+00	2.70E-09	-3.72E-09	-2.63E-04	0.00E+00	-9.69E-02	0.00E+00	2.67E-01	-2.60E-06	2.67E-01	1.63E-01	-9.69E-02	0.00E+00	0.00E+00	0.00E+00	-7.23E+00
MY116	-9.29E-04	2.84E-02	1.19E-03	9.79E-03	0.00E+00	0.00E+00	7.05E-02	-1.23E-04	1.28E-04	-7.80E-04	0.00E+00	0.00E+00	-5.65E-10	-1.44E-08	-2.10E-03	-3.52E-01	0.00E+00	0.00E+00	-1.13E-01	0.00E+00	9.75E-02	0.00E+00	2.33E-09	-4.30E-09	-2.89E-04	0.00E+00	-8.67E-02	0.00E+00	9.75E-02	-2.75E-06	9.75E-02	8.98E-02	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-7.34E+00
MY116E	-2.36E-03	-1.16E-01	-2.40E-04	-1.18E-01	0.00E+00	0.00E+00	-1.02E+00	-2.34E-04	-1.12E-04	-1.62E-03	0.00E+00	0.00E+00	-5.93E-10	-2.88E-08	-3.38E-04	-3.35E+00	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-1.15E+00	0.00E+00	-3.13E-09	-1.49E-08	-5.32E-04	0.00E+00	-4.66E-01	0.00E+00	-1.15E+00	-7.48E-06	-1.15E+00	-1.59E+00	-4.66E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MY116P	-2.22E-03	-1.12E-01	-2.40E-04	-1.13E-01	0.00E+00	0.00E+00	-9.86E-01	-2.25E-04	-9.98E-05	-1.31E-03	0.00E+00	0.00E+00	-5.59E-10	-2.89E-08	-2.78E-04	-3.23E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.15E+00	0.00E+00	-3.05E-09	-1.42E-08	-4.78E-04	0.00E+00	-4.41E-01	0.00E+00	-1.15E+00	-6.90E-06	-1.15E+00	-1.57E+00	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
MY120	-1.20E-03	2.36E-02	1.65E-03	2.80E-02	0.00E+00	0.00E+00	7.50E-02	-1.75E-04	1.29E-04	-8.48E-04	0.00E+00	0.00E+00	-4.27E-10	-2.02E-08	-1.28E-03	-3.96E-01	0.00E+00	0.00E+00	-1.18E-01	0.00E+00	2.55E-01	0.00E+00	2.94E-09	-4.31E-09	-3.01E-04	0.00E+00	-1.13E-01	0.00E+00	2.55E-01	-5.18E-06	2.55E-01	2.02E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-8.28E+00
MY120E	-2.57E-03	-1.38E-01	-4.43E-04	-1.64E-01	0.00E+00	0.00E+00	-1.15E+00	-2.71E-04	-1.53E-04	-2.30E-03	0.00E+00	0.00E+00	-9.76E-10	-3.44E-08	-3.93E-03	-4.61E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-1.53E+00	0.00E+00	-4.55E-09	-1.70E-08	-7.79E-04	0.00E+00	-6.46E-01	0.00E+00	-1.53E+00	-8.57E-06	-1.53E+00	-2.05E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-6.44E+01
MY120P	-2.27E-03	-1.15E-01	-2.72E-04	-1.15E-01	0.00E+00	0.00E+00	-1.05E+00	-2.39E-04	-9.86E-05	-1.30E-03	0.00E+00	0.00E+00	-5.75E-10	-3.08E-08	-7.60E-04	-3.16E+00	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-1.14E+00	0.00E+00	-3.05E-09	-1.39E-08	-5.10E-04	0.00E+00	-4.39E-01	0.00E+00	-1.14E+00	-7.23E-06	-1.14E+00	-1.57E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
MY125	-1.85E-03	3.84E-02	2.65E-03	4.47E-02	0.00E+00	0.00E+00	2.17E-01	-1.98E-04	2.13E-04	-6.07E-04	0.00E+00	0.00E+00	-3.31E-10	-4.23E-08	-1.22E-03	-9.89E-02	0.00E+00	0.00E+00	-1.02E-01	0.00E+00	2.54E-01	0.00E+00	5.92E-09	-5.20E-09	-1.08E-04	0.00E+00	-1.31E-02	0.00E+00	2.54E-01	-2.36E-06	2.54E-01	1.83E-01	-1.31E-02	0.00E+00	0.00E+00	0.00E+00	-6.29E+00
MY125E	-6.47E-03	-1.97E-01	-1.51E-03	-1.79E-01	0.00E+00	0.00E+00	-2.60E+00	-6.05E-04	-3.21E-04	-3.85E-03	0.00E+00	0.00E+00	-1.45E-09	-9.46E-08	-7.96E-03	-9.29E+00	0.00E+00	0.00E+00	-2.10E+00	0.00E+00	-1.40E+00	0.00E+00	-6.02E-09	-2.23E-08	-1.81E-03	0.00E+00	-9.77E-01	0.00E+00	-1.40E+00	-1.97E-05	-1.40E+00	-2.18E+00	-9.77E-01	0.00E+00	0.00E+00	0.00E+00	-9.00E+01
MY125P	-6.75E-03	-1.97E-01	-1.53E-03	-1.79E-01	0.00E+00	0.00E+00	-2.59E+00	-5.99E-04	-2.92E-04	-3.89E-03	0.00E+00	0.00E+00	-1.45E-09	-9.73E-08	-7.94E-03	-9.28E+00	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.40E+00	0.00E+00	-6.02E-09	-2.23E-08	-1.83E-03	0.00E+00	-9.74E-01	0.00E+00	-1.40E+00	-1.97E-05	-1.40E+00	-2.18E+00	-9.74E-01	0.00E+00	0.00E+00	0.00E+00	-9.02E+01
MY132	-9.04E-03	6.43E-03	6.72E-04	2.22E-02	0.00E+00	0.00E+00	-1.89E+00	-1.10E-03	1.57E-05	-4.85E-03	0.00E+00	0.00E+00	-1.19E-09	-1.34E-07	-1.30E-03	-8.68E-01	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-1.84E-01	0.00E+00	2.45E-09	-1.63E-08	-1.34E-03	0.00E+00	-1.52E-01	0.00E+00	-1.84E-01	-2.97E-05	-1.84E-01	-4.57E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
MY132E	-8.34E-03	-2.09E-01	-1.60E-03	-1.88E-01	0.00E+00	0.00E+00	-2.82E+00	-9.54E-04	-3.34E-04	-5.05E-03	0.00E+00	0.00E+00	-1.66E-09	-1.08E-07	-7.54E-03	-9.25E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-1.42E+00	0.00E+00	-6.45E-09	-2.36E-08	-2.15E-03	0.00E+00	-8.78E-01	0.00E+00	-1.42E+00	-2.55E-05	-1.42E+00	-2.26E+00	-8.78E-01	0.00E+00	0.00E+00	0.00E+00	-9.97E+01
MY132P	-7.93E-03	-2.03E-01	-1.57E-03	-1.81E-01	0.00E+00	0.00E+00	-2.76E+00	-9.51E-04	-3.16E-04	-4.63E-03	0.00E+00	0.00E+00	-1.65E-09	-1.09E-07	-7.55E-03	-9.17E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-1.41E+00	0.00E+00	-6.34E-09	-2.28E-08	-2.12E-03	0.00E+00	-8.70E-01	0.00E+00	-1.41E+00	-2.46E-05	-1.41E+00	-2.23E+00	-8.70E-01	0.00E+00	0.00E+00	0.00E+00	-9.85E+01
MY140	-8.78E-03	7.25E-03	1.04E-03	1.98E-02	0.00E+00	0.00E+00	-1.70E+00	-1.04E-03	3.26E-05	-4.26E-03	0.00E+00	0.00E+00	-1.19E-09	-1.25E-07	-1.26E-03	-8.58E-01	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-2.14E-01	0.00E+00	2.43E-09	-1.61E-08	-1.28E-03	0.00E+00	-1.51E-01	0.00E+00	-2.14E-01	-2.85E-05	-2.14E-01	-4.52E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-7.11E+01
MY140E	-7.98E-03	-2.05E-01	-1.50E-03	-1.82E-01	0.00E+00	0.00E+00	-2.75E+00	-9.79E-04	-3.29E-04	-4.99E-03	0.00E+00	0.00E+00	-1.65E-09	-1.10E-07	-7.70E-03	-8.99E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-1.42E+00	0.00E+00	-6.49E-09	-2.38E-08	-2.13E-03	0.00E+00	-8.73E-01	0.00E+00	-1.42E+00	-2.51E-05	-1.42E+00	-2.24E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-9.77E+01
MY140P	-7.61E-03	-1.96E-01	-1.50E-03	-1.76E-01	0.00E+00	0.00E+00	-2.81E+00	-8.95E-04	-2.55E-04	-4.89E-03	0.00E+00	0.00E+00	-1.44E-09	-9.82E-08	-7.60E-03	-8.96E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-1.41E+00	0.00E+00	-6.05E-09	-2.22E-08	-2.01E-03	0.00E+00	-8.27E-01	0.00E+00	-1.41E+00	-2.23E-05	-1.41E+00	-2.22E+00	-8.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.69E+01
MY150	-7.84E-03	-1.94E-01	5.37E-04	-9.86E-02	0.00E+00	0.00E+00	-8.56E-01	-8.16E-04	6.60E-04	-4.43E-03	0.00E+00	0.00E+00	-1.00E-09	-9.84E-08	-2.68E-03	-1.69E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-7.84E-01	0.00E+00	-5.20E-09	-1.57E-08	-7.94E-04	0.00E+00	-2.38E-01	0.00E+00	-7.84E-01	-1.85E-05	-7.84E-01	-1.05E+00	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
MY150E	-5.55E-03	-5.06E-02	5.16E-04	-6.28E-02	0.00E+00	0.00E+00	-1.37E+00	-6.40E-04	1.20E-04	-4.97E-03	0.00E+00	0.00E+00	-1.40E-09	-9.70E-08	-3.00E-03	-4.39E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.06E-01	0.00E+00	3.60E-09	-1.33E-08	-1.45E-03	0.00E+00	-4.87E-01	0.00E+00	-2.06E-01	-1.87E-05	-2.06E-01	-6.27E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-5.83E+01
MY163	-8.05E-03	-1.97E-01	4.17E-04	-9.24E-02	0.00E+00	0.00E+00	-8.51E-01	-7.24E-04	8.00E-04	-4.00E-03	0.00E+00	0.00E+00	-9.89E-10	-7.17E-08	-3.03E-03	-1.41E+00	0.00E+00	0.00E+00	-7.98E-01	0.00E+00	-8.13E-01	0.00E+00	-5.28E-09	-1.52E-08	-6.89E-04	0.00E+00	-2.22E-01	0.00E+00	-8.13E-01	-1.78E-05	-8.13E-01	-1.16E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
MY163E	-8.77E-03	-8.83E-02	7.59E-04	-7.73E-02	0.00E+00	0.00E+00	-2.16E+00	-9.45E-04	7.88E-05	-4.95E-03	0.00E+00	0.00E+00	-1.45E-09	-1.05E-07	-3.14E-03	-4.38E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-1.53E-01	0.00E+00	2.72E-09	-1.87E-08	-1.53E-03	0.00E+00	-5.38E-01	0.00E+00	-1.53E-01	-2.53E-05	-1.53E-01	-8.74E-01	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
MY201	-7.33E-03	-6.14E-02	3.84E-04	-4.96E-02	0.00E+00	0.00E+00	-1.18E+00	-8.38E-04	4.61E-05	-4.25E-03	0.00E+00	0.00E+00	-2.01E-09	-7.06E-08	-7.14E-03	-1.86E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-3.85E-01	0.00E+00	1.74E-10	-1.81E-08	-1.26E-03	0.00E+00	-4.18E-01	0.00E+00	-3.85E-01	-2.06E-05	-3.85E-01	-7.90E-01	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
MY201E	-6.87E-03	-3.14E-02	1.77E-03	-6.72E-03	0.00E+00	0.00E+00	-9.39E-01	-4.92E-04	8.63E-05	-2.77E-03	0.00E+00	0.00E+00	-1.71E-09	-5.79E-08	-4.32E-03	-1.09E+00	0.00E+00	0.00E+00	-8.08E-01	0.00E+00	2.95E-01	0.00E+00	8.54E-09	-1.33E-08	-8.38E-04	0.00E+00	-1.61E-01	0.00E+00	2.95E-01	-2.17E-05	2.95E-01	-2.84E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
MY202	-7.23E-03	-1.90E-01	-9.82E-04	-1.29E-01	0.00E+00	0.00E+00	-1.14E+00	-5.64E-04	3.27E-05	-3.15E-03	0.00E+00	0.00E+00	-2.01E-09	-5.85E-08	-5.50E-03	-3.57E+00	0.00E+00	0.00E+00	-9.34E-01	0.00E+00	-1.38E+00	0.00E+00	-3.96E-09	-1.96E-08	-9.61E-04	0.00E+00	-5.55E-01	0.00E+00	-1.38E+00	-2.24E-05	-1.38E+00	-2.04E+00	-5.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
MY202E	-6.72E-03	-2.62E-01	-1.79E-03	-2.37E-01	0.00E+00	0.00E+00	-2.60E+00	-5.09E-04	-2.67E-04	-4.93E-03	0.00E+00	0.00E+00	-2.42E-09	-7.15E-08	-1.34E-02	-5.86E+00	0.00E+00	0.00E+00	-2.70E+00	0.00E+00	-2.29E+00	0.00E+00	-1.07E-08	-2.91E-08	-1.60E-03	0.00E+00	-9.35E-01	0.00E+00	-2.29E+00	-2.27E-05	-2.29E+00	-3.26E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MY203	-7.27E-03	-1.90E-01	-9.27E-04	-1.29E-01	0.00E+00	0.00E+00	-1.16E+00	-6.86E-04	4.25E-05	-3.22E-03	0.00E+00	0.00E+00	-2.02E-09	-6.32E-08	-5.57E-03	-3.61E+00	0.00E+00	0.00E+00	-9.58E-01	0.00E+00	-1.39E+00	0.00E+00	-4.08E-09	-2.00E-08	-1.01E-03	0.00E+00	-5.55E-01	0.00E+00	-1.39E+00	-2.35E-05	-1.39E+00	-2.05E+00	-5.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
MY203E	-6.84E-03	-2.64E-01	-1.72E-03	-2.36E-01	0.00E+00	0.00E+00	-2.41E+00	-5.95E-04	-2.68E-04	-5.44E-03	0.00E+00	0.00E+00	-2.40E-09	-7.03E-08	-1.33E-02	-5.86E+00	0.00E+00	0.00E+00	-2.60E+00	0.00E+00	-2.33E+00	0.00E+00	-1.08E-08	-2.87E-08	-1.72E-03	0.00E+00	-9.32E-01	0.00E+00	-2.33E+00	-2.41E-05	-2.33E+00	-3.29E+00	-9.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MY204	-7.23E-03	-1.90E-01	-9.27E-04	-1.29E-01	0.00E+00	0.00E+00	-1.15E+00	-6.96E-04	4.25E-05	-3.22E-03	0.00E+00	0.00E+00	-2.01E-09	-6.23E-08	-5.63E-03	-3.58E+00	0.00E+00	0.00E+00	-9.58E-01	0.00E+00	-1.38E+00	0.00E+00	-4.08E-09	-1.99E-08	-9.84E-04	0.00E+00	-5.55E-01	0.00E+00	-1.38E+00	-2.31E-05	-1.38E+00	-2.02E+00	-5.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.63E+01
MY204E	-7.15E-03	-2.39E-01	-1.49E-03	-2.04E-01	0.00E+00	0.00E+00	-2.33E+00	-5.68E-04	-2.92E-04	-5.76E-03	0.00E+00	0.00E+00	-2.28E-09	-7.36E-08	-1.14E-02	-5.46E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-1.82E+00	0.00E+00	-8.86E-09	-2.83E-08	-1.64E-03	0.00E+00	-8.92E-01	0.00E+00	-1.82E+00	-2.42E-05	-1.82E+00	-2.58E+00	-8.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MY206	-4.55E-03	-5.88E-03	2.78E-03	-6.01E-03	0.00E+00	0.00E+00	-1.45E-01	-3.13E-04	1.39E-04	-2.09E-03	0.00E+00	0.00E+00	-1.30E-09	-4.58E-08	-8.38E-03	-9.66E-01	0.00E+00	0.00E+00	-7.04E-01	0.00E+00	6.11E-02	0.00E+00	1.83E-09	-1.07E-08	-8.01E-04	0.00E+00	-1.82E-01	0.00E+00	6.11E-02	-1.28E-05	6.11E-02	-7.62E-02	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
MY206E	-6.14E-03	-3.12E-01	-2.70E-03	-3.19E-01	0.00E+00	0.00E+00	-1.59E+00	-4.92E-04	-2.50E-04	-5.18E-03	0.00E+00	0.00E+00	-2.27E-09	-6.17E-08	-1.34E-02	-5.82E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-2.63E+00	0.00E+00	-1.14E-08	-2.61E-08	-1.64E-03	0.00E+00	-9.40E-01	0.00E+00	-2.63E+00	-1.92E-05	-2.63E+00	-3.77E+00	-9.40E-01	0.00E+00	0.00E+00	0.00E+00	-9.57E+01
MY206P	-7.98E-03	-2.34E-01	-2.32E-03	-2.73E-01	0.00E+00	0.00E+00	-2.17E+00	-6.66E-04	-5.14E-04	-6.10E-03	0.00E+00	0.00E+00	-2.79E-09	-8.41E-08	-1.85E-02	-5.96E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-2.52E+00	0.00E+00	-1.10E-08	-3.16E-08	-1.97E-03	0.00E+00	-1.50E+00	0.00E+00	-2.52E+00	-2.25E-05	-2.52E+00	-3.67E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MY210	-4.42E-03	2.42E-02	2.43E-03	-5.06E-04	0.00E+00	0.00E+00	1.30E-01	-3.42E-04	1.40E-04	-2.19E-03	0.00E+00	0.00E+00	-1.20E-09	-2.68E-08	-8.09E-03	-9.74E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	4.45E-01	0.00E+00	2.82E-09	-8.61E-09	-7.46E-04	0.00E+00	-2.18E-01	0.00E+00	4.45E-01	-1.13E-05	4.45E-01	3.29E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
MY210E	-2.64E-03	-1.06E-03	1.92E-03	-1.58E-02	0.00E+00	0.00E+00	-3.46E-01	-3.76E-04	2.93E-04	-1.68E-03	0.00E+00	0.00E+00	-8.70E-10	-4.48E-08	-4.55E-03	-1.38E+00	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-3.27E-01	0.00E+00	-8.28E-10	-8.50E-09	-8.21E-04	0.00E+00	-2.10E-01	0.00E+00	-3.27E-01	-1.55E-05	-3.27E-01	-3.27E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
MY210P	-4.86E-03	-1.62E-01	-1.11E-03	-1.61E-01	0.00E+00	0.00E+00	-1.53E+00	-5.11E-04	-2.06E-04	-3.89E-03	0.00E+00	0.00E+00	-1.67E-09	-6.67E-08	-8.25E-03	-4.28E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	-1.56E+00	0.00E+00	-5.92E-09	-2.40E-08	-1.18E-03	0.00E+00	-7.99E-01	0.00E+00	-1.56E+00	-1.63E-05	-1.56E+00	-2.26E+00	-7.99E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
MY213	-5.38E-03	-1.54E-02	2.51E-03	-8.04E-03	0.00E+00	0.00E+00	-2.06E-01	-4.67E-04	1.31E-04	-2.36E-03	0.00E+00	0.00E+00	-1.83E-09	-5.69E-08	-9.03E-03	-1.13E+00	0.00E+00	0.00E+00	-9.99E-01	0.00E+00	2.58E-01	0.00E+00	2.99E-09	-1.25E-08	-1.09E-03	0.00E+00	-2.30E-01	0.00E+00	2.58E-01	-1.66E-05	2.58E-01	1.18E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
MY216	-3.91E-03	1.15E-02	1.75E-03	-1.85E-02	0.00E+00	0.00E+00	-2.61E-01	-4.24E-04	1.22E-04	-2.11E-03	0.00E+00	0.00E+00	-1.33E-09	-6.16E-08	-8.37E-03	-1.09E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	1.08E-01	0.00E+00	1.48E-09	-1.19E-08	-7.30E-04	0.00E+00	-2.09E-01	0.00E+00	1.08E-01	-1.29E-05	1.08E-01	-1.95E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+01
MY216E	-3.03E-03	-1.71E-02	1.72E-03	-3.22E-02	0.00E+00	0.00E+00	-6.38E-01	-4.98E-04	2.83E-04	-2.15E-03	0.00E+00	0.00E+00	-1.14E-09	-5.69E-08	-4.74E-03	-1.46E+00	0.00E+00	0.00E+00	-9.82E-01	0.00E+00	-5.16E-01	0.00E+00	-1.97E-09	-1.10E-08	-9.47E-04	0.00E+00	-2.47E-01	0.00E+00	-5.16E-01	-1.69E-05	-5.16E-01	-5.09E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.54E+01
MY216P	-5.33E-03	-1.84E-01	-1.29E-03	-2.02E-01	0.00E+00	0.00E+00	-1.65E+00	-5.36E-04	-2.49E-04	-4.16E-03	0.00E+00	0.00E+00	-2.08E-09	-6.42E-08	-1.04E-02	-5.56E+00	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.98E+00	0.00E+00	-7.06E-09	-2.64E-08	-1.60E-03	0.00E+00	-1.09E+00	0.00E+00	-1.98E+00	-1.72E-05	-1.98E+00	-2.84E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-9.10E+01
MY220	-4.00E-03	-3.22E-02	1.20E-03	-2.09E-02	0.00E+00	0.00E+00	-3.64E-01	-4.06E-04	1.46E-04	-2.14E-03	0.00E+00	0.00E+00	-1.70E-09	-7.37E-08	-7.33E-03	-1.23E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.66E-02	0.00E+00	1.83E-09	-1.39E-08	-7.88E-04	0.00E+00	-2.44E-01	0.00E+00	-8.66E-02	-1.31E-05	-8.66E-02	-2.29E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-5.39E+01
MY220E	-6.26E-03	-2.24E-01	-1.74E-03	-2.44E-01	0.00E+00	0.00E+00	-2.36E+00	-6.99E-04	-3.37E-04	-4.54E-03	0.00E+00	0.00E+00	-2.54E-09	-8.09E-08	-1.81E-02	-9.40E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-2.47E+00	0.00E+00	-1.17E-08	-3.11E-08	-1.92E-03	0.00E+00	-7.41E-01	0.00E+00	-2.47E+00	-2.28E-05	-2.47E+00	-3.33E+00	-7.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MY220P	-6.91E-03	-2.19E-01	-1.78E-03	-2.46E-01	0.00E+00	0.00E+00	-2.43E+00	-7.56E-04	-4.27E-04	-4.43E-03	0.00E+00	0.00E+00	-2.53E-09	-7.28E-08	-1.90E-02	-1.04E+01	0.00E+00	0.00E+00	-2.97E+00	0.00E+00	-2.54E+00	0.00E+00	-1.07E-08	-3.26E-08	-1.93E-03	0.00E+00	-7.63E-01	0.00E+00	-2.54E+00	-2.29E-05	-2.54E+00	-3.54E+00	-7.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MY225	-4.15E-03	-2.20E-02	2.69E-03	-5.67E-03	0.00E+00	0.00E+00	-2.75E-01	-4.22E-04	2.70E-04	-2.03E-03	0.00E+00	0.00E+00	-1.44E-09	-6.25E-08	-4.28E-03	-6.80E-01	0.00E+00	0.00E+00	-9.22E-01	0.00E+00	-1.28E-01	0.00E+00	4.28E-09	-1.49E-08	-7.24E-04	0.00E+00	-1.38E-01	0.00E+00	-1.28E-01	-1.27E-05	-1.28E-01	-3.07E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
MY225E	-1.01E-02	-2.74E-01	-2.37E-03	-2.90E-01	0.00E+00	0.00E+00	-3.44E+00	-9.93E-04	-5.87E-04	-6.75E-03	0.00E+00	0.00E+00	-2.98E-09	-1.22E-07	-2.02E-02	-1.14E+01	0.00E+00	0.00E+00	-3.55E+00	0.00E+00	-2.68E+00	0.00E+00	-1.23E-08	-3.84E-08	-2.61E-03	0.00E+00	-1.24E+00	0.00E+00	-2.68E+00	-3.32E-05	-2.68E+00	-4.07E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MY225P	-1.04E-02	-2.79E-01	-2.86E-03	-2.91E-01	0.00E+00	0.00E+00	-3.59E+00	-1.08E-03	-6.83E-04	-6.02E-03	0.00E+00	0.00E+00	-3.08E-09	-1.27E-07	-2.17E-02	-1.26E+01	0.00E+00	0.00E+00	-3.86E+00	0.00E+00	-2.89E+00	0.00E+00	-1.24E-08	-3.99E-08	-2.59E-03	0.00E+00	-2.10E+00	0.00E+00	-2.89E+00	-3.48E-05	-2.89E+00	-4.19E+00	-2.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MY225V	-2.95E-03	-1.55E-02	3.56E-03	-2.58E-02	0.00E+00	0.00E+00	-3.96E-01	-2.73E-04	3.07E-04	-2.00E-03	0.00E+00	0.00E+00	-1.44E-09	-1.90E-08	-2.12E-03	-7.24E-01	0.00E+00	0.00E+00	-9.97E-01	0.00E+00	-2.25E-01	0.00E+00	5.24E-09	-1.38E-08	-7.00E-04	0.00E+00	-1.34E-01	0.00E+00	-2.25E-01	-1.14E-05	-2.25E-01	-5.06E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-4.41E+01
MY232	-7.50E-03	-1.60E-01	-9.10E-04	-1.22E-01	0.00E+00	0.00E+00	-8.79E-01	-7.17E-04	1.97E-04	-4.28E-03	0.00E+00	0.00E+00	-2.29E-09	-6.40E-08	-3.10E-03	-3.12E+00	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-1.46E+00	0.00E+00	-3.90E-09	-2.39E-08	-1.27E-03	0.00E+00	-5.27E-01	0.00E+00	-1.46E+00	-2.65E-05	-1.46E+00	-2.05E+00	-5.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.60E+01
MY232E	-9.84E-03	-4.91E-01	-5.10E-03	-4.43E-01	0.00E+00	0.00E+00	-3.77E+00	-1.02E-03	-6.18E-04	-7.50E-03	0.00E+00	0.00E+00	-3.13E-09	-1.07E-07	-2.16E-02	-1.20E+01	0.00E+00	0.00E+00	-4.16E+00	0.00E+00	-3.68E+00	0.00E+00	-1.54E-08	-4.07E-08	-2.81E-03	0.00E+00	-1.27E+00	0.00E+00	-3.68E+00	-3.23E-05	-3.68E+00	-5.38E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
MY232P	-1.02E-02	-2.76E-01	-2.45E-03	-2.91E-01	0.00E+00	0.00E+00	-3.54E+00	-9.84E-04	-6.31E-04	-7.26E-03	0.00E+00	0.00E+00	-2.95E-09	-1.16E-07	-2.20E-02	-1.33E+01	0.00E+00	0.00E+00	-3.81E+00	0.00E+00	-2.95E+00	0.00E+00	-1.24E-08	-4.09E-08	-2.64E-03	0.00E+00	-2.20E+00	0.00E+00	-2.95E+00	-3.30E-05	-2.95E+00	-4.25E+00	-2.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MY232V	-6.96E-03	6.19E-03	1.80E-03	1.14E-02	0.00E+00	0.00E+00	-1.92E+00	-8.97E-04	4.36E-04	-4.50E-03	0.00E+00	0.00E+00	-1.62E-09	-9.79E-08	-2.31E-03	-8.77E-01	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-2.49E-01	0.00E+00	3.70E-09	-1.90E-08	-5.65E-04	0.00E+00	-1.50E-01	0.00E+00	-2.49E-01	-2.68E-05	-2.49E-01	-4.73E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
MY240	-1.07E-02	-1.65E-01	-8.09E-04	-1.18E-01	0.00E+00	0.00E+00	-1.21E+00	-7.88E-04	3.26E-04	-7.01E-03	0.00E+00	0.00E+00	-2.30E-09	-1.43E-07	-5.52E-03	-3.28E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-1.38E+00	0.00E+00	-3.87E-09	-3.47E-08	-1.29E-03	0.00E+00	-5.46E-01	0.00E+00	-1.38E+00	-3.25E-05	-1.38E+00	-2.19E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-5.70E+01

MY240E	-1.51E-02	-4.92E-01	-5.71E-03	-4.48E-01	0.00E+00	0.00E+00	-4.98E+00	-1.31E-03	-8.53E-04	-1.04E-02	0.00E+00	0.00E+00	-3.36E-09	-2.01E-07	-2.21E-02	-1.23E+01	0.00E+00	0.00E+00	-4.83E+00	0.00E+00	-3.80E+00	0.00E+00	-1.66E-08	-4.95E-08	-3.34E-03	0.00E+00	-1.29E+00	0.00E+00	-3.80E+00	-4.71E-05	-3.80E+00	-5.79E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
MY240P	-1.60E-02	-2.78E-01	-3.06E-03	-2.88E-01	0.00E+00	0.00E+00	-4.68E+00	-1.31E-03	-8.13E-04	-9.91E-03	0.00E+00	0.00E+00	-3.22E-09	-1.97E-07	-2.25E-02	-1.28E+01	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-2.90E+00	0.00E+00	-1.30E-08	-5.10E-08	-3.38E-03	0.00E+00	-2.16E+00	0.00E+00	-2.90E+00	-4.69E-05	-2.90E+00	-4.60E+00	-2.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MY250	-1.02E-02	-2.48E-01	1.46E-04	-1.58E-01	0.00E+00	0.00E+00	-1.07E+00	-1.00E-03	8.23E-04	-5.96E-03	0.00E+00	0.00E+00	-2.31E-09	-9.73E-08	-6.56E-03	-3.22E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-1.30E+00	0.00E+00	-9.38E-09	-2.89E-08	-1.13E-03	0.00E+00	-5.18E-01	0.00E+00	-1.30E+00	-2.85E-05	-1.30E+00	-1.95E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.01E+01
MY250E	-1.11E-02	-8.34E-02	1.67E-04	-1.07E-01	0.00E+00	0.00E+00	-3.40E+00	-8.27E-04	-3.82E-06	-3.55E-03	0.00E+00	0.00E+00	-2.32E-09	-7.28E-08	-7.11E-03	-3.81E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-9.42E-01	0.00E+00	3.34E-09	-2.12E-08	-1.22E-03	0.00E+00	-7.42E-01	0.00E+00	-9.42E-01	-2.77E-05	-9.42E-01	-1.52E+00	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MY263	-2.08E-02	-2.35E-01	-1.69E-03	-1.28E-01	0.00E+00	0.00E+00	-1.50E+00	-1.45E-03	9.79E-04	-9.47E-03	0.00E+00	0.00E+00	-3.25E-09	-1.33E-07	-4.54E-03	-3.01E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.32E+00	0.00E+00	-9.70E-09	-4.55E-08	-2.04E-03	0.00E+00	-5.68E-01	0.00E+00	-1.32E+00	-4.40E-05	-1.32E+00	-1.97E+00	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.26E+01
MY263E	-1.84E-02	-8.85E-02	-1.10E-03	-8.49E-02	0.00E+00	0.00E+00	-4.33E+00	-1.47E-03	3.08E-05	-5.35E-03	0.00E+00	0.00E+00	-3.18E-09	-1.99E-07	-8.14E-03	-3.83E+00	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-5.47E-01	0.00E+00	2.75E-09	-3.80E-08	-2.69E-03	0.00E+00	-8.25E-01	0.00E+00	-5.47E-01	-5.23E-05	-5.47E-01	-1.22E+00	-8.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
MY301	-1.23E-02	-1.99E-01	-1.25E-03	-1.55E-01	0.00E+00	0.00E+00	-2.65E+00	-1.79E-03	-2.84E-04	-7.75E-03	0.00E+00	0.00E+00	-3.05E-09	-1.38E-07	-1.50E-02	-2.69E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.50E+00	0.00E+00	-5.47E-09	-3.54E-08	-2.85E-03	0.00E+00	-6.66E-01	0.00E+00	-1.50E+00	-3.91E-05	-1.50E+00	-1.91E+00	-6.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MY301E	-9.58E-03	1.71E-02	2.05E-03	6.78E-02	0.00E+00	0.00E+00	-1.63E+00	-1.13E-03	-1.46E-04	-6.84E-03	0.00E+00	0.00E+00	-2.58E-09	-1.14E-07	-1.08E-02	-2.01E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	1.47E-01	0.00E+00	9.95E-09	-2.23E-08	-1.55E-03	0.00E+00	-4.77E-01	0.00E+00	1.47E-01	-3.46E-05	1.47E-01	-2.98E-01	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	-8.77E+01
MY302	-9.96E-03	-1.53E-01	-1.40E-03	-7.51E-02	0.00E+00	0.00E+00	-1.67E+00	-1.18E-03	-2.75E-04	-7.77E-03	0.00E+00	0.00E+00	-2.70E-09	-1.23E-07	-6.30E-03	-3.88E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-1.57E+00	0.00E+00	-4.08E-09	-3.15E-08	-2.26E-03	0.00E+00	-6.73E-01	0.00E+00	-1.57E+00	-3.59E-05	-1.57E+00	-2.66E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MY303	-1.00E-02	-1.58E-01	-1.45E-03	-8.58E-02	0.00E+00	0.00E+00	-1.65E+00	-1.17E-03	-2.42E-04	-7.83E-03	0.00E+00	0.00E+00	-2.76E-09	-1.27E-07	-5.93E-03	-3.84E+00	0.00E+00	0.00E+00	-2.10E+00	0.00E+00	-1.58E+00	0.00E+00	-4.10E-09	-3.24E-08	-2.35E-03	0.00E+00	-6.82E-01	0.00E+00	-1.58E+00	-3.60E-05	-1.58E+00	-2.59E+00	-6.82E-01	0.00E+00	0.00E+00	0.00E+00	-9.93E+01
MY304	-9.99E-03	-1.58E-01	-1.45E-03	-8.21E-02	0.00E+00	0.00E+00	-1.66E+00	-1.17E-03	-2.42E-04	-7.76E-03	0.00E+00	0.00E+00	-2.72E-09	-1.27E-07	-5.83E-03	-3.86E+00	0.00E+00	0.00E+00	-2.05E+00	0.00E+00	-1.58E+00	0.00E+00	-4.10E-09	-3.19E-08	-2.24E-03	0.00E+00	-6.77E-01	0.00E+00	-1.58E+00	-3.61E-05	-1.58E+00	-2.59E+00	-6.77E-01	0.00E+00	0.00E+00	0.00E+00	-9.77E+01
MY306	-5.97E-03	-7.98E-02	3.54E-03	-5.33E-02	0.00E+00	0.00E+00	-2.09E-01	-5.77E-04	1.41E-04	-4.07E-03	0.00E+00	0.00E+00	-1.54E-09	-7.43E-08	-7.86E-03	-1.37E+00	0.00E+00	0.00E+00	-8.87E-01	0.00E+00	1.61E-02	0.00E+00	2.89E-09	-1.83E-08	-1.22E-03	0.00E+00	-2.25E-01	0.00E+00	1.61E-02	-1.84E-05	1.61E-02	1.11E-02	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-4.11E+01
MY306E	-8.02E-03	-3.92E-01	-4.82E-03	-4.43E-01	0.00E+00	0.00E+00	-1.99E+00	-7.32E-04	-3.91E-04	-7.30E-03	0.00E+00	0.00E+00	-2.90E-09	-8.47E-08	-2.18E-02	-5.46E+00	0.00E+00	0.00E+00	-3.01E+00	0.00E+00	-3.34E+00	0.00E+00	-1.43E-08	-3.34E-08	-2.30E-03	0.00E+00	-9.39E-01	0.00E+00	-3.34E+00	-2.42E-05	-3.34E+00	-4.36E+00	-9.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MY306P	-1.31E-02	-2.26E-01	-3.47E-03	-2.75E-01	0.00E+00	0.00E+00	-2.58E+00	-1.50E-03	-6.63E-04	-8.69E-03	0.00E+00	0.00E+00	-3.65E-09	-1.43E-07	-2.71E-02	-5.89E+00	0.00E+00	0.00E+00	-4.07E+00	0.00E+00	-2.94E+00	0.00E+00	-8.82E-09	-4.70E-08	-3.05E-03	0.00E+00	-1.60E+00	0.00E+00	-2.94E+00	-3.93E-05	-2.94E+00	-4.14E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
MY310	-5.39E-03	-1.25E-01	2.10E-03	-1.02E-01	0.00E+00	0.00E+00	-4.25E-01	-4.63E-04	2.03E-04	-4.02E-03	0.00E+00	0.00E+00	-2.07E-09	-4.67E-08	-1.26E-02	-1.45E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-4.23E-02	0.00E+00	3.43E-10	-2.34E-08	-1.43E-03	0.00E+00	-3.36E-01	0.00E+00	-4.23E-02	-1.66E-05	-4.23E-02	-2.48E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-6.04E+01
MY310E	-7.41E-03	-3.86E-01	-4.61E-03	-4.23E-01	0.00E+00	0.00E+00	-2.17E+00	-7.06E-04	-4.42E-04	-6.68E-03	0.00E+00	0.00E+00	-2.90E-09	-7.55E-08	-1.85E-02	-4.81E+00	0.00E+00	0.00E+00	-3.13E+00	0.00E+00	-3.34E+00	0.00E+00	-1.42E-08	-3.52E-08	-2.31E-03	0.00E+00	-9.04E-01	0.00E+00	-3.34E+00	-2.48E-05	-3.34E+00	-4.08E+00	-9.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
MY310P	-5.86E-03	-1.84E-01	-2.59E-03	-1.84E-01	0.00E+00	0.00E+00	-1.92E+00	-5.74E-04	-3.22E-04	-4.87E-03	0.00E+00	0.00E+00	-2.29E-09	-7.30E-08	-1.31E-02	-4.26E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	-2.20E+00	0.00E+00	-7.07E-09	-3.18E-08	-1.80E-03	0.00E+00	-8.35E-01	0.00E+00	-2.20E+00	-2.14E-05	-2.20E+00	-2.49E+00	-8.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MY313	-6.52E-03	-1.14E-01	1.31E-03	-1.03E-01	0.00E+00	0.00E+00	-5.04E-01	-4.75E-04	2.44E-04	-4.10E-03	0.00E+00	0.00E+00	-2.47E-09	-4.88E-08	-1.11E-02	-1.38E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-3.08E-01	0.00E+00	-2.13E-10	-2.52E-08	-1.39E-03	0.00E+00	-3.09E-01	0.00E+00	-3.08E-01	-1.58E-05	-3.08E-01	-4.83E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-6.24E+01
MY316	-7.30E-03	-9.20E-02	1.60E-03	-9.27E-02	0.00E+00	0.00E+00	-4.88E-01	-6.47E-04	2.07E-04	-4.18E-03	0.00E+00	0.00E+00	-2.62E-09	-7.16E-08	-9.56E-03	-1.39E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-4.27E-01	0.00E+00	-2.13E-10	-2.69E-08	-1.48E-03	0.00E+00	-2.64E-01	0.00E+00	-4.27E-01	-1.48E-05	-4.27E-01	-7.12E-01	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-6.25E+01
MY316E	-7.10E-03	-3.92E-01	-5.13E-03	-4.51E-01	0.00E+00	0.00E+00	-2.40E+00	-6.44E-04	-4.66E-04	-7.24E-03	0.00E+00	0.00E+00	-3.09E-09	-7.15E-08	-2.22E-02	-4.85E+00	0.00E+00	0.00E+00	-3.40E+00	0.00E+00	-3.46E+00	0.00E+00	-1.42E-08	-3.72E-08	-2.36E-03	0.00E+00	-9.07E-01	0.00E+00	-3.46E+00	-2.52E-05	-3.46E+00	-4.50E+00	-9.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
MY316P	-7.52E-03	-1.76E-01	-2.29E-03	-2.06E-01	0.00E+00	0.00E+00	-2.17E+00	-6.82E-04	-3.17E-04	-5.98E-03	0.00E+00	0.00E+00	-2.85E-09	-8.05E-08	-1.45E-02	-5.46E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-2.56E+00	0.00E+00	-8.06E-09	-3.33E-08	-2.14E-03	0.00E+00	-1.04E+00	0.00E+00	-2.56E+00	-2.60E-05	-2.56E+00	-3.03E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MY320	-1.18E-02	-1.29E-01	8.06E-04	-1.17E-01	0.00E+00	0.00E+00	-4.10E-01	-1.06E-03	1.22E-04	-5.97E-03	0.00E+00	0.00E+00	-2.39E-09	-1.12E-07	-1.25E-02	-1.58E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-3.00E-01	0.00E+00	1.86E-10	-3.14E-08	-1.24E-03	0.00E+00	-3.58E-01	0.00E+00	-3.00E-01	-1.68E-05	-3.00E-01	-5.30E-01	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
MY320E	-1.52E-02	-4.94E-01	-6.61E-03	-5.57E-01	0.00E+00	0.00E+00	-3.95E+00	-1.24E-03	-8.06E-04	-1.04E-02	0.00E+00	0.00E+00	-3.99E-09	-1.48E-07	-3.15E-02	-1.25E+01	0.00E+00	0.00E+00	-4.72E+00	0.00E+00	-4.48E+00	0.00E+00	-2.06E-08	-5.19E-08	-3.42E-03	0.00E+00	-9.04E-01	0.00E+00	-4.48E+00	-3.79E-05	-4.48E+00	-6.22E+00	-9.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
MY320P	-1.57E-02	-2.07E-01	-3.33E-03	-2.46E-01	0.00E+00	0.00E+00	-3.41E+00	-1.22E-03	-7.01E-04	-1.00E-02	0.00E+00	0.00E+00	-3.64E-09	-1.53E-07	-2.87E-02	-1.24E+01	0.00E+00	0.00E+00	-4.21E+00	0.00E+00	-3.06E+00	0.00E+00	-9.04E-09	-4.90E-08	-3.07E-03	0.00E+00	-8.51E-01	0.00E+00	-3.06E+00	-3.81E-05	-3.06E+00	-4.15E+00	-8.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MY325	-1.31E-02	2.01E-02	4.23E-03	1.14E-02	0.00E+00	0.00E+00	3.88E-02	-1.37E-03	3.11E-04	-2.59E-03	0.00E+00	0.00E+00	-1.54E-09	-7.53E-08	-1.02E-02	-1.35E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	4.08E-01	0.00E+00	6.63E-09	-3.12E-08	-7.19E-04	0.00E+00	-2.37E-01	0.00E+00	4.08E-01	-8.66E-06	4.08E-01	5.29E-02	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
MY325E	-2.18E-02	-2.80E-01	-4.89E-03	-3.40E-01	0.00E+00	0.00E+00	-5.09E+00	-1.98E-03	-1.07E-03	-1.39E-02	0.00E+00	0.00E+00	-4.49E-09	-2.37E-07	-3.26E-02	-1.46E+01	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-3.75E+00	0.00E+00	-1.72E-08	-6.78E-08	-4.56E-03	0.00E+00	-1.39E+00	0.00E+00	-3.75E+00	-5.55E-05	-3.75E+00	-5.48E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
MY325P	-2.19E-02	-2.42E-01	-4.44E-03	-2.92E-01	0.00E+00	0.00E+00	-4.46E+00	-1.94E-03	-1.06E-03	-1.30E-02	0.00E+00	0.00E+00	-4.27E-09	-2.35E-07	-3.20E-02	-1.50E+01	0.00E+00	0.00E+00	-4.97E+00	0.00E+00	-3.31E+00	0.00E+00	-9.09E-09	-6.46E-08	-4.10E-03	0.00E+00	-2.37E+00	0.00E+00	-3.31E+00	-6.00E-05	-3.31E+00	-5.10E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
MY332	-1.56E-02	-1.74E-01	-2.87E-03	-1.09E-01	0.00E+00	0.00E+00	-1.78E+00	-1.67E-03	6.67E-05	-1.08E-02	0.00E+00	0.00E+00	-3.38E-09	-2.49E-07	-8.11E-03	-3.44E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-1.78E+00	0.00E+00	-4.05E-09	-5.06E-08	-3.78E-03	0.00E+00	-6.35E-01	0.00E+00	-1.78E+00	-7.28E-05	-1.78E+00	-2.77E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MY332E	-2.83E-02	-6.57E-01	-9.32E-03	-6.56E-01	0.00E+00	0.00E+00	-6.18E+00	-2.61E-03	-1.34E-03	-1.92E-02	0.00E+00	0.00E+00	-5.43E-09	-3.43E-07	-3.59E-02	-1.61E+01	0.00E+00	0.00E+00	-5.88E+00	0.00E+00	-5.47E+00	0.00E+00	-2.50E-08	-8.30E-08	-6.03E-03	0.00E+00	-1.50E+00	0.00E+00	-5.47E+00	-7.85E-05	-5.47E+00	-8.29E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MY332P	-2.69E-02	-2.56E-01	-5.24E-03	-2.87E-01	0.00E+00	0.00E+00	-5.31E+00	-2.45E-03	-1.28E-03	-1.78E-02	0.00E+00	0.00E+00	-5.18E-09	-3.20E-07	-3.31E-02	-1.55E+01	0.00E+00	0.00E+00	-5.14E+00	0.00E+00	-3.42E+00	0.00E+00	-9.99E-09	-7.78E-08	-5.28E-03	0.00E+00	-2.41E+00	0.00E+00	-3.42E+00	-8.50E-05	-3.42E+00	-5.26E+00	-2.41E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
MY340	-2.11E-02	-1.71E-01	-2.51E-03	-1.34E-01	0.00E+00	0.00E+00	-5.93E+00	-2.83E-03	-4.41E-04	-1.96E-02	0.00E+00	0.00E+00	-3.93E-09	-4.14E-07	-1.08E-02	-4.00E+00	0.00E+00	0.00E+00	-5.43E+00	0.00E+00	-2.90E+00	0.00E+00	-4.74E-09	-6.41E-08	-4.00E-03	0.00E+00	-8.10E-01	0.00E+00	-2.90E+00	-8.56E-05	-2.90E+00	-4.05E+00	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+02
MY340E	-3.06E-02	-2.55E-01	-6.33E-03	-3.69E-01	0.00E+00	0.00E+00	-7.68E+00	-2.85E-03	-1.36E-03	-2.16E-02	0.00E+00	0.00E+00	-5.97E-09	-3.76E-07	-3.29E-02	-1.58E+01	0.00E+00	0.00E+00	-6.96E+00	0.00E+00	-4.01E+00	0.00E+00	-1.79E-08	-8.62E-08	-6.28E-03	0.00E+00	-1.50E+00	0.00E+00	-4.01E+00	-9.63E-05	-4.01E+00	-5.73E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-3.03E+02
MY340P	-3.10E-02	-2.39E-01	-5.18E-03	-3.21E-01	0.00E+00	0.00E+00	-7.43E+00	-2.81E-03	-1.19E-03	-2.08E-02	0.00E+00	0.00E+00	-5.44E-09	-3.51E-07	-3.26E-02	-1.55E+01	0.00E+00	0.00E+00	-6.70E+00	0.00E+00	-3.95E+00	0.00E+00	-1.04E-08	-8.10E-08	-5.45E-03	0.00E+00	-2.42E+00	0.00E+00	-3.95E+00	-9.47E-05	-3.95E+00	-5.76E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
MY350	-3.92E-02	-3.35E-01	-6.16E-03	-2.58E-01	0.00E+00	0.00E+00	-5.13E+00	-3.91E-03	-7.87E-04	-1.94E-02	0.00E+00	0.00E+00	-5.21E-09	-4.47E-07	-6.66E-03	-3.99E+00	0.00E+00	0.00E+00	-5.43E+00	0.00E+00	-2.58E+00	0.00E+00	-1.73E-08	-8.82E-08	-6.43E-03	0.00E+00	-8.15E-01	0.00E+00	-2.58E+00	-1.15E-04	-2.58E+00	-3.89E+00	-8.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
MY350E	-3.44E-02	-2.15E-01	-5.37E-03	-1.55E-01	0.00E+00	0.00E+00	-3.37E+00	-2.18E-03	-1.37E-03	-1.90E-02	0.00E+00	0.00E+00	-5.00E-09	-3.55E-07	-1.40E-02	-3.50E+00	0.00E+00	0.00E+00	-3.80E+00	0.00E+00	-8.36E-01	0.00E+00	1.95E-09	-7.16E-08	-3.97E-03	0.00E+00	-6.06E-01	0.00E+00	-8.36E-01	-1.09E-04	-8.36E-01	-1.36E+00	-6.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
MY363	-4.08E-02	-3.58E-01	-7.33E-03	-3.41E-01	0.00E+00	0.00E+00	-8.17E+00	-4.22E-03	-1.63E-03	-2.22E-02	0.00E+00	0.00E+00	-6.29E-09	-5.18E-07	-5.00E-03	-4.16E+00	0.00E+00	0.00E+00	-7.04E+00	0.00E+00	-3.63E+00	0.00E+00	-1.82E-08	-9.43E-08	-6.24E-03	0.00E+00	-9.73E-01	0.00E+00	-3.63E+00	-1.17E-04	-3.63E+00	-5.11E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MY363E	-3.56E-02	-1.78E-01	-5.26E-03	-1.93E-01	0.00E+00	0.00E+00	-6.93E+00	-2.97E-03	-1.59E-03	-2.04E-02	0.00E+00	0.00E+00	-5.53E-09	-4.06E-07	-1.30E-02	-3.57E+00	0.00E+00	0.00E+00	-6.11E+00	0.00E+00	-1.10E+00	0.00E+00	1.37E-09	-7.13E-08	-5.24E-03	0.00E+00	-6.13E-01	0.00E+00	-1.10E+00	-1.11E-04	-1.10E+00	-1.91E+00	-6.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+02
MY406P	-1.20E-02	-1.86E-01	-3.09E-03	-2.48E-01	0.00E+00	0.00E+00	-2.84E+00	-1.35E-03	-5.26E-04	-9.96E-03	0.00E+00	0.00E+00	-3.44E-09	-1.48E-07	-1.88E-02	-4.59E+00	0.00E+00	0.00E+00	-3.91E+00	0.00E+00	-3.04E+00	0.00E+00	-8.37E-09	-3.86E-08	-2.98E-03	0.00E+00	-7.89E-01	0.00E+00	-3.04E+00	-3.87E-05	-3.04E+00	-3.87E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MY410P	-1.09E-02	-1.99E-01	-2.98E-03	-2.52E-01	0.00E+00	0.00E+00	-2.57E+00	-1.16E-03	-5.06E-04	-9.31E-03	0.00E+00	0.00E+00	-3.48E-09	-1.31E-07	-1.88E-02	-3.92E+00	0.00E+00	0.00E+00	-3.81E+00	0.00E+00	-3.19E+00	0.00E+00	-8.60E-09	-3.86E-08	-2.96E-03	0.00E+00	-7.27E-01	0.00E+00	-3.19E+00	-3.75E-05	-3.19E+00	-3.94E+00	-7.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MY416P	-1.51E-02	-2.01E-01	-2.90E-03	-2.52E-01	0.00E+00	0.00E+00	-3.17E+00	-1.53E-03	-6.33E-04	-1.07E-02	0.00E+00	0.00E+00	-3.68E-09	-1.85E-07	-2.01E-02	-3.97E+00	0.00E+00	0.00E+00	-4.00E+00	0.00E+00	-3.48E+00	0.00E+00	-8.65E-09	-4.38E-08	-3.34E-03	0.00E+00	-7.39E-01	0.00E+00	-3.48E+00	-5.00E-05	-3.48E+00	-4.14E+00	-7.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
MY420E	-1.12E-02	-6.93E-02	8.14E-04	5.72E-02	0.00E+00	0.00E+00	-1.18E+00	-1.45E-03	3.34E-04	-6.89E-03	0.00E+00	0.00E+00	-2.53E-09	-1.40E-07	-2.33E-03	-1.71E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	2.84E-01	0.00E+00	2.76E-09	-2.94E-08	-1.79E-03	0.00E+00	-2.66E-01	0.00E+00	2.84E-01	-2.79E-05	2.84E-01	1.67E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
MY420P	-2.16E-02	-2.10E-01	-3.64E-03	-2.74E-01	0.00E+00	0.00E+00	-4.26E+00	-1.79E-03	-9.39E-04	-1.45E-02	0.00E+00	0.00E+00	-4.25E-09	-2.05E-07	-2.86E-02	-1.28E+01	0.00E+00	0.00E+00	-4.67E+00	0.00E+00	-3.67E+00	0.00E+00	-8.74E-09	-6.39E-08	-4.11E-03	0.00E+00	-9.83E-01	0.00E+00	-3.67E+00	-5.99E-05	-3.67E+00	-4.76E+00	-9.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
MY425E	-1.53E-02	-3.92E-03	3.59E-04	-5.62E-03	0.00E+00	0.00E+00	-2.83E+00	-1.86E-03	-2.85E-04	-8.36E-03	0.00E+00	0.00E+00	-4.13E-09	-2.14E-07	-1.30E-02	-1.91E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-5.74E-01	0.00E+00	2.90E-09	-3.91E-08	-3.73E-03	0.00E+00	-4.84E-01	0.00E+00	-5.74E-01	-4.23E-05	-5.74E-01	-6.35E-01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MY425P	-3.11E-02	-2.15E-01	-4.90E-03	-2.92E-01	0.00E+00	0.00E+00	-5.77E+00	-2.57E-03	-8.81E-04	-1.89E-02	0.00E+00	0.00E+00	-5.07E-09	-3.01E-07	-3.04E-02	-1.61E+01	0.00E+00	0.00E+00	-6.08E+00	0.00E+00	-3.65E+00	0.00E+00	-9.74E-09	-7.55E-08	-4.83E-03	0.00E+00	-2.62E+00	0.00E+00	-3.65E+00	-9.12E-05	-3.65E+00	-5.46E+00	-2.62E+00	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
MY432E	-2.35E-02	-1.78E-01	-2.03E-03	-1.20E-01	0.00E+00	0.00E+00	-4.28E+00	-2.64E-03	1.42E-03	-1.63E-02	0.00E+00	0.00E+00	-3.54E-09	-2.81E-07	-8.23E-03	-4.33E+00	0.00E+00	0.00E+00	-4.94E+00	0.00E+00	-2.53E+00	0.00E+00	-3.41E-09	-6.56E-08	-3.85E-03	0.00E+00	-8.36E-01	0.00E+00	-2.53E+00	-7.65E-05	-2.53E+00	-3.72E+00	-8.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MY432P	-3.05E-02	-2.14E-01	-4.68E-03	-2.91E-01	0.00E+00	0.00E+00	-5.36E+00	-2.56E-03	8.59E-04	-2.02E-02	0.00E+00	0.00E+00	-4.96E-09	-3.03E-07	-3.08E-02	-1.61E+01	0.00E+00	0.00E+00	-5.75E+00	0.00E+00	-3.67E+00	0.00E+00	-9.54E-09	-7.88E-08	-4.80E-03	0.00E+00	-2.64E+00	0.00E+00	-3.67E+00	-8.02E-05	-3.67E+00	-5.58E+00	-2.64E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
MY440E	-2.62E-02	-1.75E-01	-2.14E-03	-1.32E-01	0.00E+00	0.00E+00	-6.92E+00	-3.44E-03	9.60E-04	-2.36E-02	0.00E+00	0.00E+00	-4.14E-09	-5.12E-07	-8.56E-03	-5.11E+00	0.00E+00	0.00E+00	-6.24E+00	0.00E+00	-3.23E+00	0.00E+00	-4.36E-09	-7.79E-08	-4.60E-03	0.00E+00	-1.01E+00	0.00E+00	-3.23E+00	-8.90E-05	-3.23E+00	-4.32E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
MY440P	-4.64E-02	-2.21E-01	-4.83E-03	-3.20E-01	0.00E+00	0.00E+00	-1.13E+01	-4.00E-03	-2.40E-03	-2.83E-02	0.00E+00	0.00E+00	-8.15E-09	-4.66E-07	-3.08E-02	-1.61E+01	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	-4.00E+00	0.00E+00	-1.07E-08	-1.08E-07	-8.95E-03	0.00E+00	-2.70E+00	0.00E+00	-4.00E+00	-1.48E-04	-4.00E+00	-5.75E+00	-2.70E+00	0.00E+00	0.00E+00	0.00E+00	-4.42E+02
MY450E	-4.97E-02	-3.23E-01	-7.48E-03	-3.66E-01	0.00E+00	0.00E+00	-1.01E+01	-5.30E-03	-2.57E-03	-3.40E-02	0.00E+00	0.00E+00	-8.70E-09	-6.47E-07	-1.09E-02	-6.73E+00	0.00E+00	0.00E+00	-9.28E+00	0.00E+00	-4.18E+00	0.00E+00	-1.89E-08	-1.18E-07	-1.00E-02	0.00E+00	-1.40E+00	0.00E+00	-4.18E+00	-1.68E-04	-4.18E+00	-5.47E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-3.99E+02
MY463E	-4.53E-02	-3.15E-01	-7.31E-03	-3.61E-01	0.00E+00	0.00E+00	-9.57E+00	-5.41E-03	-2.41E-03	-3.40E-02	0.00E+00	0.00E+00	-8.70E-09	-6.65E-07	-3.81E-03	-6.58E+00	0.00E+00	0.00E+00	-8.85E+00	0.00E+00	-3.52E+00	0.00E+00	-1.87E-08	-1.18E-07	-9.87E-03	0.00E+00	-1.35E+00	0.00E+00	-3.52E+00	-1.58E-04	-3.52E+00	-4.56E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-3.78E+02
MY525V	-3.97E-03	6.32E-02	4.51E-03	2.23E-02	0.00E+00	0.00E+00	-4.37E-01	-4.15E-04	2.56E-04	-3.06E-03	0.00E+00	0.00E+00	-1.44E-09	-3.25E-08	1.62E-03	-7.27E-01	0.00E+00	0.00E+00	-8.38E-01	0.00E+00	-2.47E-01	0.00E+00	5.95E-09	-2.04E-08	-7.60E-04	0.00E+00	-6.53E-02	0.00E+00	-2.47E-01	-2.27E-05	-2.47E-01	-3.66E-01	-6.53E-02	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MY532V	-1.60E-02	-2.96E-04	1.73E-03	1.12E-02	0.00E+00	0.00E+00	-2.40E+00	-1.69E-03	4.70E-05	-9.82E-03	0.00E+00	0.00E+00	-1.89E-09	-1.99E-07	-3.97E-04	-9.59E-01	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-3.95E-01	0.00E+00	4.02E-09	-3.15E-08	-5.98E-04	0.00E+00	-9.98E-02	0.00E+00	-3.95E-01	-5.11E-05	-3.95E-01	-6.68E-01	-9.98E-02	0.00E+00	0.00E+00	0.00E+00	-9.88E+01
MY706P	-6.31E-03	-2.03E-01	-1.78E-03	-2.22E-01	0.00E+00	0.00E+00	-1.85E+00	-6.43E-04	-4.12E-04	-4.06E-03	0.00E+00	0.00E+00	-1.87E-09	-5.85E-08	-1.51E-02	-5.44E+00	0.00E+00	0.00E+00	-2.28E+00	0.00E+00	-1.85E+00	0.00E+00	-8.60E-09	-2.47E-08	-1.53E-03	0.00E+00	-8.10E-01	0.00E+00	-1.85E+00	-1.71E-05	-1.85E+00	-3.00E+00	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.25E+01
MY716P	-6.42E-03	-1.99E-01	-1.75E-03	-2.15E-01	0.00E+00	0.00E+00	-1.98E+00	-6.80E-04	-3.97E-04	-4.58E-03	0.00E+00	0.00E+00	-2.05E-09	-5.63E-08	-1.44E-02	-5.46E+00	0.00E+00	0.00E+00	-2.52E+00	0.00E+00	-1.93E+00	0.00E+00	-8.73E-09	-2.87E-08	-1.83E-03	0.00E+00	-7.20E-01	0.00E+00	-1.93E+00	-1.84E-05	-1.93E+00	-2.92E+00	-7.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MY720P	-7.06E-03	-2.09E-01	-1.75E-03	-2.19E-01	0.00E+00	0.00E+00	-2.39E+00	-8.40E-04	-4.35E-04	-4.99E-03	0.00E+00	0.00E+00	-2.11E-09	-7.73E-08	-1.54E-02	-1.02E+01	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-1.95E+00	0.00E+00	-9.06E-09	-3.03E-08	-2.06E-03	0.00E+00	-8.30E-01	0.00E+00	-1.95E+00	-2.33E-05	-1.95E+00	-2.95E+00	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MY725P	-8.71E-03	-2.53E-01	-1.95E-03	-2.60E-01	0.00E+00	0.00E+00	-3.19E+00	-1.04E-03	-5.79E-04	-6.16E-03	0.00E+00	0.00E+00	-2.48E-09	-1.03E-07	-1.92E-02	-1.26E+01	0.00E+00	0.00E+00	-3.26E+00	0.00E+00	-2.37E+00	0.00E+00	-1.05E-08	-3.72E-08	-2.70E-03	0.00E+00	-1.23E+00	0.00E+00	-2.37E+00	-3.06E-05	-2.37E+00	-3.41E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MY732P	-9.09E-03	-2.70E-01	-2.22E-03	-2.89E-01	0.00E+00	0.00E+00	-3.31E+00	-1.04E-03	-6.08E-04	-6.72E-03	0.00E+00	0.00E+00	-2.79E-09	-1.03E-07	-2.20E-02	-1.34E+01	0.00E+00	0.00E+00	-3.66E+00	0.00E+00	-2.84E+00	0.00E+00	-1.24E-08	-3.88E-08	-2.88E-03	0.00E+00	-1.32E+00	0.00E+00	-2.84E+00	-3.24E-05	-2.84E+00	-4.07E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MY740P	-1.63E-02	-2.76E-01	-3.13E-03	-2.85E-01	0.00E+00	0.00E+00	-4.69E+00	-1.47E-03	-8.05E-04	-9.91E-03	0.00E+00	0.00E+00	-3.26E-09	-2.07E-07	-2.27E-02	-1.34E+01	0.00E+00	0.00E+00	-4.50E+00	0.00E+00	-2.84E+00	0.00E+00	-1.30E-08	-5.14E-08	-3.54E-03	0.00E+00	-2.36E+00	0.00E+00	-2.84E+00	-4.93E-05	-2.84E+00	-4.56E+00	-2.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
MYN106	-9.98E-04	6.65E-03	1.27E-03	1.87E-02	0.00E+00	0.00E+00	8.40E-03	-1.68E-04	1.17E-04	-7.33E-04	0.00E+00	0.00E+00	-4.15E-10	-1.82E-08	-7.64E-04	-3.67E-01	0.00E+00	0.00E+00	-2.22E-01	0.00E+00	-6.91E-02	0.00E+00	2.56E-09	-3.76E-09	-3.34E-04	0.00E+00	-6.45E-02	0.00E+00	-6.91E-02	-3.91E-06	-6.91E-02	-6.93E-02	-6.45E-02	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
MYN110	-5.55E-04	4.01E-03	3.04E-04	1.11E-02	0.00E+00	0.00E+00	-6.52E-02	-1.22E-04	1.13E-04	-6.01E-04	0.00E+00	0.00E+00	-4.46E-10	-7.23E-09	7.21E-04	-3.70E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-1.37E-01	0.00E+00	2.06E-09	-3.61E-09	-2.80E-04	0.00E+00	-5.29E-02	0.00E+00	-1.37E-01	-2.38E-06	-1.37E-01	-2.25E-01	-5.29E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
MYN116	-4.85E-04	5.39E-03	4.71E-04	1.12E-02	0.00E+00	0.00E+00	-6.09E-02	-1.15E-04	1.11E-04	-5.35E-04	0.00E+00	0.00E+00	-4.31E-10	-1.48E-09	7.86E-04	-3.69E-01	0.00E+00	0.00E+00	-2.70E-01	0.00E+00	-1.04E-01	0.00E+00	2.02E-09	-3.73E-09	-2.44E-04	0.00E+00	-5.07E-02	0.00E+00	-1.04E-01	-1.86E-06	-1.04E-01	-1.91E-01	-5.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
MYN120	-5.00E-04	5.01E-03	2.59E-04	1.42E-02	0.00E+00	0.00E+00	-8.78E-02	-1.10E-04	1.13E-04	-5.28E-04	0.00E+00	0.00E+00	-4.60E-10	-2.09E-09	7.67E-04	-3.69E-01	0.00E+00	0.00E+00	-2.87E-01	0.00E+00	-1.21E-01	0.00E+00	2.06E-09	-3.51E-09	-2.39E-04	0.00E+00	-4.71E-02	0.00E+00	-1.21E-01	-2.20E-06	-1.21E-01	-2.03E-01	-4.71E-02	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
MYN125	-1.12E-03	2.09E-02	2.60E-03	4.28E-02	0.00E+00	0.00E+00	3.82E-01	-1.78E-04	2.24E-04	-8.73E-04	0.00E+00	0.00E+00	-3.39E-10	-4.18E-08	5.16E-04	-2.42E-01	0.00E+00	0.00E+00	2.43E-02	0.00E+00	1.01E-01	0.00E+00	4.25E-09	-5.40E-09	-1.37E-04	0.00E+00	-8.61E-03	0.00E+00	1.01E-01	-2.82E-06	1.01E-01	7.23E-02	-8.61E-03	0.00E+00	0.00E+00	0.00E+00	-1.95E+00
MYN132	-6.32E-03	2.49E-02	1.46E-03	3.88E-02	0.00E+00	0.00E+00	-5.03E-01	-5.65E-04	1.79E-04	-3.43E-03	0.00E+00	0.00E+00	-9.34E-10	-8.39E-08	-1.14E-04	-8.96E-01	0.00E+00	0.00E+00	-4.38E-01	0.00E+00	3.18E-01	0.00E+00	7.93E-09	-1.13E-08	-8.82E-04	0.00E+00	-1.02E-01	0.00E+00	3.18E-01	-1.86E-05	3.18E-01	9.36E-02	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
MYN140	-7.54E-03	2.57E-02	1.50E-03	2.62E-02	0.00E+00	0.00E+00	-6.57E-01	-6.54E-04	2.84E-04	-4.18E-03	0.00E+00	0.00E+00	-8.93E-10	-1.09E-07	-8.02E-05	-8.98E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	3.37E-01	0.00E+00	7.85E-09	-1.17E-08	-8.40E-04	0.00E+00	-1.13E-01	0.00E+00	3.37E-01	-2.22E-05	3.37E-01	1.33E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
MYN150	-6.65E-03	-1.42E-01	2.41E-04	-1.42E-01	0.00E+00	0.00E+00	-3.81E-01	-5.47E-04	7.03E-04	-4.11E-03	0.00E+00	0.00E+00	-1.43E-09	-7.80E-08	-4.19E-03	-2.78E+00	0.00E+00	0.00E+00	-9.09E-01	0.00E+00	-1.14E+00	0.00E+00	-7.51E-09	-1.47E-08	-1.05E-03	0.00E+00	-3.97E-01	0.00E+00	-1.14E+00	-1.70E-05	-1.14E+00	-1.59E+00	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
MYN163	-5.50E-03	-1.28E-01	4.66E-04	-8.94E-02	0.00E+00	0.00E+00	-3.48E-01	-5.17E-04	9.16E-04	-3.27E-03	0.00E+00	0.00E+00	-8.90E-10	-4.93E-08	-2.89E-03	-1.40E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-7.25E-01	0.00E+00	-5.43E-09	-1.14E-08	-5.08E-04	0.00E+00	-2.04E-01	0.00E+00	-7.25E-01	-1.36E-05	-7.25E-01	-1.11E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
MYN206	-1.94E-03	2.69E-02	2.17E-03	2.83E-02	0.00E+00	0.00E+00	-3.84E-02	-2.23E-04	1.19E-04	-8.17E-04	0.00E+00	0.00E+00	-7.39E-10	-1.34E-08	-1.06E-03	-5.46E-01	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-7.52E-03	0.00E+00	5.57E-09	-7.26E-09	-3.94E-04	0.00E+00	-9.96E-02	0.00E+00	-7.52E-03	-8.10E-06	-7.52E-03	-4.27E-02	-9.96E-02	0.00E+00	0.00E+00	0.00E+00	-2.04E+01
MYN210	-1.15E-04	3.64E-03	2.71E-04	3.37E-03	0.00E+00	0.00E+00	-2.58E-01	-5.41E-05	2.90E-04	-2.80E-04	0.00E+00	0.00E+00	-1.45E-09	-1.60E-09	5.03E-04	-6.55E-01	0.00E+00	0.00E+00	-8.06E-01	0.00E+00	-1.06E+00	0.00E+00	-1.21E-09	-1.08E-08	-4.64E-04	0.00E+00	-1.43E-01	0.00E+00	-1.06E+00	-2.86E-06	-1.06E+00	-1.20E+00	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
MYN216	8.09E-04	1.90E-01	4.62E-03	1.85E-01	0.00E+00	0.00E+00	1.05E+00	-1.07E-05	4.51E-04	1.59E-03	0.00E+00	0.00E+00	-1.51E-10	4.35E-09	-8.04E-04	-1.54E-01	0.00E+00	0.00E+00	4.84E-01	0.00E+00	1.13E+00	0.00E+00	1.18E-08	2.56E-09	3.17E-04	0.00E+00	2.30E-02	0.00E+00	1.13E+00	-3.74E-07	1.13E+00	1.15E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
MYN220	1.36E-04	4.31E-04	8.51E-04	-4.20E-04	0.00E+00	0.00E+00	-1.44E-01	-5.40E-05	5.10E-04	-2.85E-04	0.00E+00	0.00E+00	-1.44E-09	7.33E-10	-7.02E-03	-6.37E-01	0.00E+00	0.00E+00	-8.30E-01	0.00E+00	-1.07E+00	0.00E+00	-4.70E-10	-1.08E-08	-4.52E-04	0.00E+00	-1.76E-01	0.00E+00	-1.07E+00	-2.87E-06	-1.07E+00	-1.25E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
MYN225	-1.95E-04	-2.09E-01	-4.00E-04	-2.09E-01	0.00E+00	0.00E+00	-2.48E-01	-6.30E-05	5.59E-04	-2.02E-03	0.00E+00	0.00E+00	-1.82E-09	1.40E-09	-1.94E-02	-8.06E-01	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.94E+00	0.00E+00	-6.06E-09	-1.64E-08	-9.16E-04	0.00E+00	-3.02E-01	0.00E+00	-1.94E+00	-3.66E-06	-1.94E+00	-2.24E+00	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.70E+01
MYN232	-2.49E-02	-1.21E-01	-1.44E-03	-1.19E-01	0.00E+00	0.00E+00	-5.07E+00	-2.52E-03	-1.05E-03	-1.35E-02	0.00E+00	0.00E+00	-2.91E-09	-2.92E-07	1.25E-03	-3.10E+00	0.00E+00	0.00E+00	-3.98E+00	0.00E+00	-7.89E-01	0.00E+00	-1.69E-09	-4.33E-08	-3.84E-03	0.00E+00	-5.25E-01	0.00E+00	-7.89E-01	-7.44E-05	-7.89E-01	-1.31E+00	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MYN240	2.08E-03	1.63E-01	5.72E-03	1.58E-01	0.00E+00	0.00E+00	6.39E-01	-4.69E-05	1.71E-03	1.19E-03	0.00E+00	0.00E+00	-1.08E-09	1.39E-08	5.84E-03	1.18E-01	0.00E+00	0.00E+00	1.87E-01	0.00E+00	2.96E-01	0.00E+00	9.17E-09	-3.16E-09	3.96E-05	0.00E+00	7.48E-02	0.00E+00	2.96E-01	-2.41E-06	2.96E-01	3.71E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	2.85E+00
MYN250	-1.11E-02	3.49E-02	-6.15E-04	3.58E-02	0.00E+00	0.00E+00	-3.07E+00	-1.09E-03	-9.77E-05	-6.04E-03	0.00E+00	0.00E+00	-2.48E-09	-1.92E-07	-4.04E-03	-1.38E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-4.89E-01	0.00E+00	2.34E-09	-2.42E-08	-1.94E-03	0.00E+00	-2.27E-01	0.00E+00	-4.89E-01	-4.69E-05	-4.89E-01	-8.74E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MYN263	-1.32E-02	6.81E-02	1.37E-03	3.35E-02	0.00E+00	0.00E+00	-2.27E+00	-1.47E-03	1.04E-03	-8.19E-03	0.00E+00	0.00E+00	-2.53E-09	-2.10E-07	-1.87E-03	-1.28E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	7.13E-01	0.00E+00	1.06E-08	-2.15E-08	-1.80E-03	0.00E+00	-2.45E-01	0.00E+00	7.13E-01	-6.11E-05	7.13E-01	2.11E-01	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
MYN306	-4.14E-03	1.25E-01	3.71E-03	8.49E-02	0.00E+00	0.00E+00	4.92E-02	-4.24E-04	1.96E-04	-8.48E-04	0.00E+00	0.00E+00	-1.20E-09	-3.38E-08	4.49E-03	-8.89E-01	0.00E+00	0.00E+00	-6.27E-01	0.00E+00	1.90E-01	0.00E+00	6.98E-09	-6.12E-09	-7.31E-04	0.00E+00	-4.80E-02	0.00E+00	1.90E-01	-1.30E-05	1.90E-01	4.69E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
MYN310	-4.96E-03	-1.23E-01	2.07E-03	-1.12E-01	0.00E+00	0.00E+00	-4.48E-01	-4.56E-04	2.38E-04	-2.69E-03	0.00E+00	0.00E+00	-1.75E-09	-3.49E-08	-1.20E-03	-1.35E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	-5.03E-01	0.00E+00	5.30E-10	-1.82E-08	-1.20E-03	0.00E+00	-2.40E-01	0.00E+00	-5.03E-01	-1.45E-05	-5.03E-01	-5.88E-01	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.80E+01
MYN316	-3.69E-03	-1.31E-01	1.43E-03	-1.17E-01	0.00E+00	0.00E+00	-4.00E-01	-4.15E-04	2.63E-04	-2.98E-03	0.00E+00	0.00E+00	-1.63E-09	-3.28E-08	-5.28E-03	-1.27E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-6.41E-01	0.00E+00	3.89E-10	-1.77E-08	-9.64E-04	0.00E+00	-2.32E-01	0.00E+00	-6.41E-01	-1.12E-05	-6.41E-01	-7.73E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
MYN320	-6.17E-03	-1.48E-01	1.11E-03	-1.43E-01	0.00E+00	0.00E+00	-7.11E-01	-6.41E-04	3.65E-04	-4.72E-03	0.00E+00	0.00E+00	-1.75E-09	-5.12E-08	-1.56E-02	-1.50E+00	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-8.00E-01	0.00E+00	5.19E-10	-2.25E-08	-1.33E-03	0.00E+00	-2.98E-01	0.00E+00	-8.00E-01	-1.10E-05	-8.00E-01	-9.34E-01	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
MYN325	-9.47E-03	-2.40E-02	2.44E-03	-4.94E-02	0.00E+00	0.00E+00	-1.18E+00	-7.27E-04	5.81E-04	-3.46E-03	0.00E+00	0.00E+00	-2.10E-09	-7.08E-08	-1.77E-02	-1.29E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-5.88E-01	0.00E+00	2.58E-09	-2.41E-08	-1.44E-03	0.00E+00	-2.28E-01	0.00E+00	-5.88E-01	-1.00E-05	-5.88E-01	-6.83E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-6.48E+01
MYN332	-1.81E-02	-1.59E-01	-3.10E-03	-1.24E-01	0.00E+00	0.00E+00	-3.29E+00	-1.95E-03	-2.99E-04	-1.24E-02	0.00E+00	0.00E+00	-3.31E-09	-2.77E-07	-6.83E-03	-3.31E+00	0.00E+00	0.00E+00	-3.83E+00	0.00E+00	-2.26E+00	0.00E+00	-3.93E-09	-5.11E-08	-3.72E-03	0.00E+00	-5.89E-01	0.00E+00	-2.26E+00	-8.46E-05	-2.26E+00	-3.09E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MYN340	-1.89E-02	-1.53E-01	-2.73E-03	-1.19E-01	0.00E+00	0.00E+00	-4.31E+00	-2.49E-03	-3.66E-04	-1.63E-02	0.00E+00	0.00E+00	-3.70E-09	-3.48E-07	-3.58E-03	-3.67E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-2.34E+00	0.00E+00	-3.95E-09	-6.15E-08	-3.78E-03	0.00E+00	-6.74E-01	0.00E+00	-2.34E+00	-8.82E-05	-2.34E+00	-3.45E+00	-6.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MYN350	-3.99E-02	-2.44E-01	-5.97E-03	-2.67E-01	0.00E+00	0.00E+00	-7.31E+00	-4.10E-03	-1.33E-03	-2.46E-02	0.00E+00	0.00E+00	-6.02E-09	-4.46E-07	-6.96E-03	-4.20E+00	0.00E+00	0.00E+00	-6.44E+00	0.00E+00	-2.60E+00	0.00E+00	-1.79E-08	-8.46E-08	-6.25E-03	0.00E+00	-9.99E-01	0.00E+00	-2.60E+00	-1.15E-04	-2.60E+00	-3.87E+00	-9.99E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+02
MYN363	-4.42E-02	-2.94E-01	-7.50E-03	-3.59E-01	0.00E+00	0.00E+00	-9.82E+00	-4.76E-03	-1.78E-03	-2.77E-02	0.00E+00	0.00E+00	-6.38E-09	-5.52E-07	-6.16E-03	-5.27E+00	0.00E+00	0.00E+00	-8.47E+00	0.00E+00	-4.16E+00	0.00E+00	-1.88E-08	-9.29E-08	-6.80E-03	0.00E+00	-1.18E+00	0.00E+00	-4.16E+00	-1.32E-04	-4.16E+00	-5.54E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-3.68E+02

MYN406	-9.32E-03	-8.73E-02	2.75E-03	2.25E-02	0.00E+00	0.00E+00	-7.42E-01	-1.10E-03	-7.52E-05	-3.79E-03	0.00E+00	0.00E+00	-1.99E-09	-5.27E-08	3.16E-03	-1.46E+00	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-1.03E+00	0.00E+00	7.78E-09	-1.48E-08	-1.18E-03	0.00E+00	-1.09E-01	0.00E+00	-1.03E+00	-2.03E-05	-1.03E+00	-9.21E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-7.06E+01
MYN410	-2.79E-04	7.19E-03	1.05E-03	6.14E-03	0.00E+00	0.00E+00	-5.01E-01	-1.25E-04	6.17E-04	-7.22E-04	0.00E+00	0.00E+00	-3.29E-09	-3.94E-09	2.57E-03	-1.92E-01	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-2.20E+00	0.00E+00	-1.47E-09	-2.36E-08	-1.08E-03	0.00E+00	-1.18E-01	0.00E+00	-2.20E+00	-6.48E-06	-2.20E+00	-2.32E+00	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.31E+01
MYN416	1.03E-03	3.66E-02	7.10E-03	2.95E-02	0.00E+00	0.00E+00	1.89E+00	-2.15E-05	6.83E-04	5.46E-04	0.00E+00	0.00E+00	-3.54E-10	8.22E-09	1.03E-02	-1.72E+00	0.00E+00	0.00E+00	1.01E+00	0.00E+00	1.49E+00	0.00E+00	1.36E-08	7.46E-10	3.89E-05	0.00E+00	-9.76E-02	0.00E+00	1.49E+00	-9.12E-07	1.49E+00	1.39E+00	-9.76E-02	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MYN420	1.81E-03	8.78E-02	1.02E-02	7.76E-02	0.00E+00	0.00E+00	2.52E+00	-2.38E-05	1.17E-03	1.02E-03	0.00E+00	0.00E+00	-2.56E-10	1.38E-08	1.44E-02	-1.40E+00	0.00E+00	0.00E+00	1.62E+00	0.00E+00	2.20E+00	0.00E+00	1.92E-08	3.40E-09	1.77E-04	0.00E+00	1.82E-02	0.00E+00	2.20E+00	-9.15E-07	2.20E+00	2.22E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	5.64E+01
MYN425	-2.48E-02	-5.06E-01	-7.21E-03	-4.99E-01	0.00E+00	0.00E+00	-6.01E+00	-2.40E-03	-1.29E-03	-1.63E-02	0.00E+00	0.00E+00	-5.76E-09	-2.78E-07	-4.21E-02	-3.45E+00	0.00E+00	0.00E+00	-6.89E+00	0.00E+00	-4.93E+00	0.00E+00	-1.92E-08	-7.02E-08	-5.22E-03	0.00E+00	-1.01E+00	0.00E+00	-4.93E+00	-7.19E-05	-4.93E+00	-5.95E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
MYN432	-5.10E-02	-4.71E-01	-8.38E-03	-4.63E-01	0.00E+00	0.00E+00	-1.13E+01	-5.06E-03	-2.29E-03	-2.92E-02	0.00E+00	0.00E+00	-7.19E-09	-5.90E-07	-4.10E-02	-6.91E+00	0.00E+00	0.00E+00	-1.04E+01	0.00E+00	-4.30E+00	0.00E+00	-1.60E-08	-1.03E-07	-8.49E-03	0.00E+00	-1.56E+00	0.00E+00	-4.30E+00	-1.51E-04	-4.30E+00	-5.86E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-4.49E+02
MYN440	6.44E-03	7.73E-01	2.18E-02	7.51E-01	0.00E+00	0.00E+00	4.31E+00	7.80E-06	3.81E-03	6.89E-03	0.00E+00	0.00E+00	8.39E-10	4.18E-08	2.71E-02	8.92E-01	0.00E+00	0.00E+00	3.68E+00	0.00E+00	5.92E+00	0.00E+00	4.86E-08	2.59E-08	1.94E-03	0.00E+00	5.72E-01	0.00E+00	5.92E+00	9.71E-07	5.92E+00	6.49E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MYN450	-6.42E-02	-6.17E-01	-1.17E-02	-6.05E-01	0.00E+00	0.00E+00	-1.52E+01	-6.40E-03	-2.91E-03	-3.71E-02	0.00E+00	0.00E+00	-9.41E-09	-7.44E-07	-9.37E-03	-7.84E+00	0.00E+00	0.00E+00	-1.25E+01	0.00E+00	-5.92E+00	0.00E+00	-2.74E-08	-1.31E-07	-1.09E-02	0.00E+00	-1.58E+00	0.00E+00	-5.92E+00	-1.86E-04	-5.92E+00	-7.51E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-5.38E+02
MYN463	4.02E-03	-2.05E-01	8.73E-03	-2.14E-01	0.00E+00	0.00E+00	1.13E+00	-1.02E-04	3.92E-03	-1.83E-03	0.00E+00	0.00E+00	-2.94E-09	3.40E-08	6.30E-03	-1.01E+00	0.00E+00	0.00E+00	-6.18E-01	0.00E+00	-1.04E+00	0.00E+00	4.30E-09	-1.64E-08	-9.08E-04	0.00E+00	-1.34E-01	0.00E+00	-1.04E+00	-6.40E-06	-1.04E+00	-1.17E+00	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
MYN506	-1.93E-03	4.85E-02	3.28E-03	3.64E-02	0.00E+00	0.00E+00	3.53E-01	-2.92E-04	1.29E-04	-6.07E-04	0.00E+00	0.00E+00	-6.20E-10	-1.86E-08	-3.81E-04	-5.41E-01	0.00E+00	0.00E+00	-1.05E-01	0.00E+00	5.12E-01	0.00E+00	8.20E-09	-4.66E-09	-2.42E-04	0.00E+00	-9.42E-02	0.00E+00	5.12E-01	-6.59E-06	5.12E-01	4.41E-01	-9.42E-02	0.00E+00	0.00E+00	0.00E+00	-5.02E+00
MYN510	1.92E-04	6.52E-02	1.66E-03	6.36E-02	0.00E+00	0.00E+00	1.43E-01	-4.07E-05	3.43E-04	3.34E-04	0.00E+00	0.00E+00	-1.07E-09	2.66E-10	2.60E-03	-5.08E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-3.36E-01	0.00E+00	2.93E-09	-6.43E-09	-2.13E-04	0.00E+00	-7.76E-02	0.00E+00	-3.36E-01	-2.09E-06	-3.36E-01	-4.14E-01	-7.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
MYN516	1.58E-04	6.64E-02	1.64E-03	6.48E-02	0.00E+00	0.00E+00	1.54E-01	-4.08E-05	3.41E-04	3.17E-04	0.00E+00	0.00E+00	-1.08E-09	2.03E-10	-5.17E-03	-1.10E-01	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-3.92E-01	0.00E+00	3.36E-09	-6.66E-09	-2.19E-04	0.00E+00	-6.54E-02	0.00E+00	-3.92E-01	-2.07E-06	-3.92E-01	-4.58E-01	-6.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MYN520	1.42E-03	2.55E-01	6.68E-03	2.48E-01	0.00E+00	0.00E+00	1.56E+00	2.86E-06	7.29E-04	2.27E-03	0.00E+00	0.00E+00	2.51E-10	8.63E-09	1.70E-03	-1.34E-01	0.00E+00	0.00E+00	1.03E+00	0.00E+00	1.94E+00	0.00E+00	1.67E-08	7.38E-09	5.99E-04	0.00E+00	8.07E-02	0.00E+00	1.94E+00	3.84E-07	1.94E+00	2.02E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	3.66E+01
MYN525	-1.40E-02	-2.85E-01	-4.62E-03	-2.81E-01	0.00E+00	0.00E+00	-3.74E+00	-1.36E-03	-7.33E-04	-9.23E-03	0.00E+00	0.00E+00	-3.28E-09	-1.57E-07	-4.50E-03	-1.86E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-2.88E+00	0.00E+00	-1.33E-08	-3.97E-08	-2.99E-03	0.00E+00	-4.47E-01	0.00E+00	-2.88E+00	-4.16E-05	-2.88E+00	-3.33E+00	-4.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MYN532	1.81E-03	1.13E-01	4.66E-03	1.08E-01	0.00E+00	0.00E+00	5.19E-01	-4.80E-05	1.67E-03	7.62E-04	0.00E+00	0.00E+00	-1.28E-09	1.32E-08	-1.38E-02	-2.57E-01	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-2.67E-01	0.00E+00	7.25E-09	-6.33E-09	-9.00E-05	0.00E+00	-1.26E-01	0.00E+00	-2.67E-01	-2.74E-06	-2.67E-01	-3.92E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MYN540	-2.12E-02	1.71E-01	1.63E-03	1.70E-01	0.00E+00	0.00E+00	-4.10E+00	-2.23E-03	-5.51E-04	-9.75E-03	0.00E+00	0.00E+00	-2.49E-09	-2.56E-07	5.56E-03	-1.68E+00	0.00E+00	0.00E+00	-3.16E+00	0.00E+00	3.60E-01	0.00E+00	8.49E-09	-3.29E-08	-2.87E-03	0.00E+00	-2.61E-01	0.00E+00	3.60E-01	-6.40E-05	3.60E-01	9.85E-02	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
MZ240V	-2.46E-02	-3.69E-01	-6.01E-03	-3.62E-01	0.00E+00	0.00E+00	-6.16E+00	-2.44E-03	-9.90E-04	-1.52E-02	0.00E+00	0.00E+00	-4.26E-09	-2.81E-07	-3.23E-02	-3.72E+00	0.00E+00	0.00E+00	-5.74E+00	0.00E+00	-3.66E+00	0.00E+00	-1.57E-08	-5.89E-08	-4.61E-03	0.00E+00	-9.23E-01	0.00E+00	-3.66E+00	-7.15E-05	-3.66E+00	-4.59E+00	-9.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+02
NAN116S	-5.22E-03	4.82E-04	1.46E-03	-5.46E-03	0.00E+00	0.00E+00	-3.41E-01	-4.63E-04	2.13E-04	-1.78E-03	0.00E+00	0.00E+00	-8.39E-10	-6.17E-08	-7.98E-04	-1.93E+00	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	3.96E-01	0.00E+00	8.17E-09	-8.74E-09	-7.27E-04	0.00E+00	-3.56E-01	0.00E+00	3.96E-01	-1.78E-05	3.96E-01	-1.34E-01	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
NAN120S	-4.06E-03	-1.21E-02	9.13E-04	-1.66E-03	0.00E+00	0.00E+00	-5.96E-01	-3.72E-04	7.85E-05	-2.17E-03	0.00E+00	0.00E+00	-7.14E-10	-4.68E-08	-1.09E-04	-7.03E-01	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	7.35E-02	0.00E+00	1.89E-09	-6.35E-09	-4.68E-04	0.00E+00	-8.79E-02	0.00E+00	7.35E-02	-1.17E-05	7.35E-02	3.94E-03	-8.79E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
NAN125S	-6.45E-03	5.25E-03	1.59E-03	5.09E-03	0.00E+00	0.00E+00	-5.97E-01	-6.18E-04	1.63E-04	-2.46E-03	0.00E+00	0.00E+00	-8.59E-10	-8.31E-08	-1.54E-04	-1.55E+00	0.00E+00	0.00E+00	-5.01E-01	0.00E+00	4.11E-01	0.00E+00	7.88E-09	-1.03E-08	-8.91E-04	0.00E+00	-3.03E-01	0.00E+00	4.11E-01	-2.22E-05	4.11E-01	-2.09E-02	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
NAN225	-9.69E-03	1.20E-02	1.15E-03	-2.23E-02	0.00E+00	0.00E+00	-1.25E+00	-8.52E-04	3.21E-04	-5.25E-03	0.00E+00	0.00E+00	-2.10E-09	-1.10E-07	-2.08E-03	-3.22E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	5.92E-01	0.00E+00	3.74E-09	-2.30E-08	-1.31E-03	0.00E+00	-5.40E-01	0.00E+00	5.92E-01	-3.19E-05	5.92E-01	9.15E-02	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-6.20E+01
NAN232	-9.56E-03	-3.20E-02	1.22E-03	-2.98E-02	0.00E+00	0.00E+00	-1.22E+00	-8.47E-04	3.27E-04	-5.35E-03	0.00E+00	0.00E+00	-2.03E-09	-1.12E-07	-4.50E-03	-3.17E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	6.14E-01	0.00E+00	3.43E-09	-2.04E-08	-1.31E-03	0.00E+00	-5.41E-01	0.00E+00	6.14E-01	-3.21E-05	6.14E-01	7.49E-02	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-5.82E+01
NAN240	-9.35E-03	2.79E-02	1.29E-03	-9.59E-03	0.00E+00	0.00E+00	-1.32E+00	-9.09E-04	4.05E-04	-5.42E-03	0.00E+00	0.00E+00	-2.12E-09	-1.13E-07	-6.11E-04	-3.15E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	5.87E-01	0.00E+00	3.50E-09	-2.07E-08	-1.27E-03	0.00E+00	-5.33E-01	0.00E+00	5.87E-01	-3.14E-05	5.87E-01	2.71E-01	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
NAN250	-1.63E-02	4.30E-02	1.11E-03	-3.54E-02	0.00E+00	0.00E+00	-1.34E+00	-1.17E-03	6.27E-04	-9.06E-03	0.00E+00	0.00E+00	-2.41E-09	-1.64E-07	-3.81E-03	-3.12E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	7.34E-01	0.00E+00	3.20E-09	-3.46E-08	-1.76E-03	0.00E+00	-5.14E-01	0.00E+00	7.34E-01	-3.69E-05	7.34E-01	2.53E-01	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-6.96E+01
NAN263	-1.58E-02	5.89E-02	5.15E-04	1.84E-03	0.00E+00	0.00E+00	-1.50E+00	-1.36E-03	6.96E-04	-9.66E-03	0.00E+00	0.00E+00	-2.49E-09	-1.85E-07	-3.36E-03	-2.99E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	6.76E-01	0.00E+00	4.38E-09	-3.16E-08	-1.87E-03	0.00E+00	-4.99E-01	0.00E+00	6.76E-01	-4.47E-05	6.76E-01	1.37E-01	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
NAN316S	-1.23E-02	-3.39E-02	1.55E-03	5.00E-03	0.00E+00	0.00E+00	-1.70E+00	-1.45E-03	-1.55E-04	-8.05E-03	0.00E+00	0.00E+00	-2.40E-09	-1.40E-07	-6.78E-03	-3.13E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	-5.82E-01	0.00E+00	1.04E-08	-2.09E-08	-1.84E-03	0.00E+00	-4.92E-01	0.00E+00	-5.82E-01	-3.94E-05	-5.82E-01	-8.97E-01	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
NAN320S	-1.01E-02	-2.67E-02	1.84E-03	-2.25E-02	0.00E+00	0.00E+00	-1.56E+00	-1.20E-03	-1.64E-05	-8.97E-03	0.00E+00	0.00E+00	-2.48E-09	-1.52E-07	-5.47E-03	-2.06E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	1.19E-02	0.00E+00	1.02E-08	-2.01E-08	-1.71E-03	0.00E+00	-4.35E-01	0.00E+00	1.19E-02	-4.13E-05	1.19E-02	-4.63E-01	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-9.28E+01
NAN325	-1.46E-02	-1.17E-01	-1.04E-04	-8.00E-02	0.00E+00	0.00E+00	-2.46E+00	-1.32E-03	-6.47E-06	-1.01E-02	0.00E+00	0.00E+00	-2.96E-09	-1.62E-07	-9.80E-03	-3.23E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.22E+00	0.00E+00	1.41E-09	-3.07E-08	-2.28E-03	0.00E+00	-4.95E-01	0.00E+00	-1.22E+00	-4.09E-05	-1.22E+00	-1.27E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
NAN325S	-1.14E-02	-1.05E-01	9.76E-04	-7.25E-02	0.00E+00	0.00E+00	-1.89E+00	-1.16E-03	1.08E-04	-9.56E-03	0.00E+00	0.00E+00	-2.77E-09	-1.46E-07	-7.28E-03	-3.00E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	-1.46E+00	0.00E+00	8.56E-09	-2.37E-08	-1.90E-03	0.00E+00	-5.16E-01	0.00E+00	-1.46E+00	-3.85E-05	-1.46E+00	-1.39E+00	-5.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
NAN332	-1.79E-02	-7.84E-02	-7.85E-04	-7.19E-02	0.00E+00	0.00E+00	-2.40E+00	-1.54E-03	-2.24E-04	-1.11E-02	0.00E+00	0.00E+00	-3.19E-09	-1.77E-07	-1.03E-02	-3.27E+00	0.00E+00	0.00E+00	-3.44E+00	0.00E+00	-1.00E+00	0.00E+00	2.67E-09	-3.78E-08	-2.92E-03	0.00E+00	-5.21E-01	0.00E+00	-1.00E+00	-5.26E-05	-1.00E+00	-9.61E-01	-5.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
NAN340	-1.87E-02	-8.41E-02	-1.38E-04	-7.10E-02	0.00E+00	0.00E+00	-2.66E+00	-2.39E-03	-2.21E-04	-1.14E-02	0.00E+00	0.00E+00	-3.23E-09	-2.13E-07	-1.09E-02	-3.50E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-7.60E-01	0.00E+00	2.57E-09	-4.46E-08	-3.01E-03	0.00E+00	-5.39E-01	0.00E+00	-7.60E-01	-5.11E-05	-7.60E-01	-8.45E-01	-5.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NAN350	-2.21E-02	-1.05E-01	-4.72E-03	-1.15E-01	0.00E+00	0.00E+00	-3.17E+00	-2.55E-03	-7.27E-04	-1.42E-02	0.00E+00	0.00E+00	-4.65E-09	-3.16E-07	-3.60E-03	-3.01E+00	0.00E+00	0.00E+00	-3.45E+00	0.00E+00	-8.08E-01	0.00E+00	-2.64E-09	-3.86E-08	-4.35E-03	0.00E+00	-7.72E-01	0.00E+00	-8.08E-01	-9.55E-05	-8.08E-01	-1.47E+00	-7.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
NAN363	-2.44E-02	-1.08E-01	-4.45E-03	-1.64E-01	0.00E+00	0.00E+00	-6.81E+00	-3.25E-03	-8.87E-04	-2.15E-02	0.00E+00	0.00E+00	-5.54E-09	-3.94E-07	-5.92E-03	-3.17E+00	0.00E+00	0.00E+00	-5.98E+00	0.00E+00	-1.38E+00	0.00E+00	-3.89E-09	-4.94E-08	-4.82E-03	0.00E+00	-8.85E-01	0.00E+00	-1.38E+00	-1.05E-04	-1.38E+00	-2.12E+00	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+02
NAN425	-3.58E-02	-1.57E-01	-1.10E-03	-9.17E-02	0.00E+00	0.00E+00	-7.19E+00	-3.58E-03	-1.90E-03	-1.88E-02	0.00E+00	0.00E+00	-5.00E-09	-3.34E-07	-1.27E-02	-5.81E+00	0.00E+00	0.00E+00	-7.82E+00	0.00E+00	-2.62E+00	0.00E+00	9.07E-10	-8.70E-08	-5.76E-03	0.00E+00	-9.98E-01	0.00E+00	-2.62E+00	-6.95E-05	-2.62E+00	-3.41E+00	-9.98E-01	0.00E+00	0.00E+00	0.00E+00	-3.23E+02
NAN432	-4.47E-02	-1.27E-01	-3.44E-04	-6.73E-02	0.00E+00	0.00E+00	-8.90E+00	-4.40E-03	-2.00E-03	-2.10E-02	0.00E+00	0.00E+00	-6.88E-09	-4.54E-07	-1.24E-02	-5.70E+00	0.00E+00	0.00E+00	-9.19E+00	0.00E+00	-2.55E+00	0.00E+00	3.21E-09	-9.61E-08	-7.97E-03	0.00E+00	-1.11E+00	0.00E+00	-2.55E+00	-1.41E-04	-2.55E+00	-3.15E+00	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.91E+02
NAN440	-3.83E-02	-1.45E-01	-7.85E-04	-7.60E-02	0.00E+00	0.00E+00	-7.59E+00	-3.96E-03	-2.00E-03	-1.95E-02	0.00E+00	0.00E+00	-5.08E-09	-3.45E-07	-1.36E-02	-5.89E+00	0.00E+00	0.00E+00	-8.17E+00	0.00E+00	-2.43E+00	0.00E+00	1.23E-09	-8.99E-08	-6.11E-03	0.00E+00	-1.08E+00	0.00E+00	-2.43E+00	-7.69E-05	-2.43E+00	-3.21E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E+02
NAN450	-4.64E-02	-1.25E-01	-1.94E-04	-8.79E-02	0.00E+00	0.00E+00	-1.07E+01	-4.99E-03	-2.28E-03	-2.53E-02	0.00E+00	0.00E+00	-7.75E-09	-5.52E-07	-1.16E-02	-5.86E+00	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	-3.25E+00	0.00E+00	2.60E-09	-1.02E-07	-8.19E-03	0.00E+00	-1.14E+00	0.00E+00	-3.25E+00	-1.56E-04	-3.25E+00	-3.80E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-4.43E+02
NAN463	-4.00E-02	-1.37E-01	-2.12E-04	-8.64E-02	0.00E+00	0.00E+00	-9.67E+00	-5.16E-03	-2.23E-03	-2.54E-02	0.00E+00	0.00E+00	-7.91E-09	-6.61E-07	-3.95E-03	-5.61E+00	0.00E+00	0.00E+00	-9.07E+00	0.00E+00	-2.19E+00	0.00E+00	3.13E-09	-1.09E-07	-8.19E-03	0.00E+00	-1.13E+00	0.00E+00	-2.19E+00	-1.32E-04	-2.19E+00	-2.80E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-3.90E+02
NB106A	-2.33E-03	6.20E-03	1.23E-03	-7.45E-03	0.00E+00	0.00E+00	-7.66E-01	-3.25E-04	5.61E-05	-1.02E-03	0.00E+00	0.00E+00	-4.91E-10	-3.50E-08	-7.53E-04	-7.00E-01	0.00E+00	0.00E+00	-9.42E-01	0.00E+00	-1.11E-01	0.00E+00	2.02E-09	-6.08E-09	-5.93E-04	0.00E+00	-8.22E-02	0.00E+00	-1.11E-01	-7.17E-06	-1.11E-01	-1.11E-01	-8.22E-02	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
NB110A	-2.24E-03	6.66E-03	1.17E-03	-1.10E-02	0.00E+00	0.00E+00	-7.55E-01	-3.24E-04	7.31E-05	-1.13E-03	0.00E+00	0.00E+00	-5.09E-10	-3.31E-08	-6.22E-04	-7.09E-01	0.00E+00	0.00E+00	-9.19E-01	0.00E+00	-1.37E-01	0.00E+00	2.05E-09	-6.18E-09	-6.25E-04	0.00E+00	-8.17E-02	0.00E+00	-1.37E-01	-7.93E-06	-1.37E-01	-9.94E-02	-8.17E-02	0.00E+00	0.00E+00	0.00E+00	-3.22E+01
NB113A	-8.61E-04	3.09E-02	1.81E-03	2.81E-02	0.00E+00	0.00E+00	2.46E-01	-1.29E-04	1.32E-04	-5.36E-04	0.00E+00	0.00E+00	-4.51E-10	-1.06E-08	-7.34E-04	-2.60E-01	0.00E+00	0.00E+00	-2.34E-02	0.00E+00	3.64E-01	0.00E+00	2.88E-09	-3.03E-09	-2.36E-04	0.00E+00	-7.55E-02	0.00E+00	3.64E-01	-2.24E-06	3.64E-01	3.56E-01	-7.55E-02	0.00E+00	0.00E+00	0.00E+00	-4.10E+00
NB116A	-3.13E-03	3.60E-04	1.10E-03	-1.47E-02	0.00E+00	0.00E+00	-7.78E-01	-3.73E-04	4.31E-05	-1.41E-03	0.00E+00	0.00E+00	-6.37E-10	-4.76E-08	-1.34E-03	-7.49E-01	0.00E+00	0.00E+00	-9.71E-01	0.00E+00	-1.52E-01	0.00E+00	1.96E-09	-7.26E-09	-6.85E-04	0.00E+00	-1.27E-01	0.00E+00	-1.52E-01	-8.61E-06	-1.52E-01	-1.42E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
NB120A	-3.12E-03	1.44E-03	1.05E-03	-1.32E-02	0.00E+00	0.00E+00	-1.36E+00	-3.99E-04	5.65E-05	-1.57E-03	0.00E+00	0.00E+00	-6.85E-10	-5.16E-08	-2.10E-03	-2.58E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.55E-01	0.00E+00	2.01E-09	-7.88E-09	-9.50E-04	0.00E+00	-4.49E-01	0.00E+00	-1.55E-01	-9.80E-06	-1.55E-01	-1.43E-01	-4.49E-01	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
NB125A	-3.70E-03	-2.05E-02	1.02E-03	3.45E-03	0.00E+00	0.00E+00	-1.58E+00	-5.08E-04	1.21E-03	-1.60E-03	0.00E+00	0.00E+00	-5.11E-10	-4.96E-08	-2.57E-03	-2.66E+00	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	9.57E-02	0.00E+00	1.62E-09	-8.73E-09	-1.03E-03	0.00E+00	-4.65E-01	0.00E+00	9.57E-02	-9.82E-06	9.57E-02	3.33E-02	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
NB132A	-6.12E-03	2.69E-02	1.60E-03	3.83E-02	0.00E+00	0.00E+00	-5.03E-01	-5.84E-04	1.69E-04	-3.56E-03	0.00E+00	0.00E+00	-9.24E-10	-8.31E-08	-2.11E-04	-8.68E-01	0.00E+00	0.00E+00	-5.10E-01	0.00E+00	2.80E-01	0.00E+00	7.84E-09	-1.16E-08	-9.20E-04	0.00E+00	-1.03E-01	0.00E+00	2.80E-01	-1.89E-05	2.80E-01	1.08E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
NB140A	-7.18E-03	-1.35E-02	5.16E-04	1.14E-02	0.00E+00	0.00E+00	-2.00E+00	-9.00E-04	1.21E-03	-3.25E-03	0.00E+00	0.00E+00	-1.08E-09	-8.17E-08	-5.30E-03	-2.90E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	-9.58E-03	0.00E+00	1.86E-09	-1.42E-08	-1.42E-03	0.00E+00	-4.72E-01	0.00E+00	-9.58E-03	-1.98E-05	-9.58E-03	-2.27E-01	-4.72E-01	0.00E+00	0.00E+00	0.00E+00	-6.70E+01
NB150A	-7.59E-03	-2.12E-01	1.23E-04	-1.39E-01	0.00E+00	0.00E+00	-9.08E-01	-7.24E-04	7.19E-04	-3.96E-03	0.00E+00	0.00E+00	-1.19E-09	-9.25E-08	-4.05E-03	-2.82E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-1.25E+00	0.00E+00	-7.26E-09	-1.42E-08	-9.06E-04	0.00E+00	-4.11E-01	0.00E+00	-1.25E+00	-1.79E-05	-1.25E+00	-1.72E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
NB163A	-7.78E-03	-2.12E-01	1.57E-04	-1.33E-01	0.00E+00	0.00E+00	-9.11E-01	-7.27E-04	8.53E-04	-3.76E-03	0.00E+00	0.00E+00	-1.17E-09	-7.34E-08	-3.57E-03	-2.64E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.10E+00	0.00E+00	-6.85E-09	-1.40E-08	-8.11E-04	0.00E+00	-4.04E-01	0.00E+00	-1.10E+00	-1.75E-05	-1.10E+00	-1.70E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
NB206A	-5.39E-03	-1.25E-02	1.37E-03	-3.18E-02	0.00E+00	0.00E+00	-1.17E+00	-6.46E-04	4.97E-05	-2.40E-03	0.00E+00	0.00E+00	-2.22E-09	-7.16E-08	-7.71E-03	-1.45E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-4.68E-01	0.00E+00	2.01E-09	-1.83E-08	-1.60E-03	0.00E+00	-2.74E-01	0.00E+00	-4.68E-01	-1.89E-05	-4.68E-01	-3.21E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.95E+01
NB210A	-4.01E-03	-1.95E-02	9.63E-04	-3.39E-02	0.00E+00	0.00E+00	-1.07E+00	-5.73E-04	5.45E-05	-2.09E-03	0.00E+00	0.00E+00	-1.88E-09	-6.07E-08	-7.74E-03	-1.43E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-3.53E-01	0.00E+00	2.11E-09	-1.55E-08	-9.96E-04	0.00E+00	-2.36E-01	0.00E+00	-3.53E-01	-1.46E-05	-3.53E-01	-3.61E-01	-2.36E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
NB213A	-3.65E-03	-9.07E-03	2.83E-03	2.01E-02	0.00E+00	0.00E+00	-7.28E-02	-4.27E-04	1.38E-04	-1.68E-03	0.00E+00	0.00E+00	-1.34E-09	-6.60E-08	-8.60E-03	-6.77E-01	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	3.66E-01	0.00E+00	3.79E-09	-9.57E-09	-6.28E-04	0.00E+00	-1.31E-01	0.00E+00	3.66E-01	-1.37E-05	3.66E-01	2.42E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.23E+01
NB216A	-4.63E-03	-3.28E-02	8.04E-04	-5.38E-02	0.00E+00	0.00E+00	-1.22E+00	-6.83E-04	4.47E-05	-2.15E-03	0.00E+00	0.00E+00	-2.24E-09	-7.64E-08	-8.93E-03	-1.46E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-6.81E-01	0.00E+00	1.01E-09	-1.86E-08	-1.22E-03	0.00E+00	-2.94E-01	0.00E+00	-6.81E-01	-1.52E-05	-6.81E-01	-7.16E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
NB220A	-4.84E-03	-3.67E-02	8.53E-04	-3.53E-02	0.00E+00	0.00E+00	-1.81E+00	-8.02E-04	1.22E-03	-2.62E-03	0.00E+00	0.00E+00	-2.34E-09	-8.77E-08	-9.43E-03	-3.53E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	-4.84E-01	0.00E+00	5.83E-10	-2.12E-08	-1.56E-03	0.00E+00	-6.50E-01	0.00E+00	-4.84E-01	-1.71E-05	-4.84E-01	-4.41E-01	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	-8.69E+01
NB225A	-7.37E-03	-4.32E-02	1.05E-03	-3.40E-02	0.00E+00	0.00E+00	-2.13E+00	-8.98E-04	1.25E-03	-3.34E-03	0.00E+00	0.00E+00	-2.49E-09	-9.22E-08	-9.99E-03	-3.58E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-4.53E-01	0.00E+00	1.96E-10	-2.25E-08	-1.73E-03	0.00E+00	-7.01E-01	0.00E+00	-4.53E-01	-2.42E-05	-4.53E-01	-7.01E-01	-7.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NB232A	-7.50E-03	-4.38E-02	3.45E-04	-2.59E-02	0.00E+00	0.00E+00	-2.58E+00	-9.43E-04	1.32E-03	-3.61E-03	0.00E+00	0.00E+00	-2.70E-09	-9.48E-08	-9.66E-03	-3.93E+00	0.00E+00	0.00E+00	-2.87E+00	0.00E+00	-4.40E-01	0.00E+00	6.45E-10	-2.44E-08	-1.83E-03	0.00E+00	-7.42E-01	0.00E+00	-4.40E-01	-2.41E-05	-4.40E-01	-8.55E-01	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NB240A	-1.38E-02	-6.96E-02	1.06E-03	-3.80E-02	0.00E+00	0.00E+00	-3.68E+00	-1.43E-03	1.21E-03	-6.10E-03	0.00E+00	0.00E+00	-3.00E-09	-2.21E-07	-1.10E-02	-4.12E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-6.13E-01	0.00E+00	6.06E-10	-3.44E-08	-2.59E-03	0.00E+00	-7.10E-01	0.00E+00	-6.13E-01	-4.54E-05	-6.13E-01	-1.13E+00	-7.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NB250A	-1.02E-02	-1.81E-02	1.75E-03	-3.40E-02	0.00E+00	0.00E+00	-2.33E+00	-8.62E-04	4.18E-04	-4.33E-03	0.00E+00	0.00E+00	-2.52E-09	-1.08E-07	-6.06E-03	-1.96E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-4.51E-01	0.00E+00	3.14E-09	-1.94E-08	-9.83E-04	0.00E+00	-4.89E-01	0.00E+00	-4.51E-01	-3.75E-05	-4.51E-01	-8.91E-01	-4.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NB263A	-1.25E-02	-3.35E-03	3.98E-04	-1.76E-02	0.00E+00	0.00E+00	-2.62E+00	-1.20E-03	7.85E-04	-6.53E-03	0.00E+00	0.00E+00	-2.81E-09	-1.77E-07	-5.36E-03	-1.93E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-1.69E-01	0.00E+00	2.64E-09	-2.68E-08	-1.83E-03	0.00E+00	-5.25E-01	0.00E+00	-1.69E-01	-4.22E-05	-1.69E-01	-6.75E-01	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NB306A	-5.56E-03	-6.47E-02	3.23E-03	-5.35E-02	0.00E+00	0.00E+00	-8.36E-02	-5.64E-04	1.91E-04	-3.93E-03	0.00E+00	0.00E+00	-1.63E-09	-5.85E-08	-7.61E-03	-1.32E+00	0.00E+00	0.00E+00	-9.77E-01	0.00E+00	-7.41E-02	0.00E+00	3.11E-09	-1.78E-08	-1.22E-03	0.00E+00	-2.03E-01	0.00E+00	-7.41E-02	-1.67E-05	-7.41E-02	-6.04E-02	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
NB310A	-6.12E-03	-1.18E-01	2.83E-04	-1.56E-01	0.00E+00	0.00E+00	-1.57E+00	-9.08E-04	1.05E-04	-6.30E-03	0.00E+00	0.00E+00	-2.84E-09	-9.51E-08	-1.35E-02	-1.99E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-1.13E+00	0.00E+00	2.78E-10	-2.68E-08	-2.27E-03	0.00E+00	-3.59E-01	0.00E+00	-1.13E+00	-1.91E-05	-1.13E+00	-1.00E+00	-3.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NB313A	-6.30E-03	-1.08E-01	1.75E-03	-8.99E-02	0.00E+00	0.00E+00	-2.00E-01	-6.19E-04	1.44E-04	-3.99E-03	0.00E+00	0.00E+00	-1.99E-09	-6.06E-08	-1.21E-02	-1.35E+00	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-7.37E-03	0.00E+00	1.58E-09	-2.41E-08	-9.90E-04	0.00E+00	-2.88E-01	0.00E+00	-7.37E-03	-1.27E-05	-7.37E-03	-1.52E-01	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
NB316A	-6.60E-03	-1.28E-01	5.69E-04	-1.65E-01	0.00E+00	0.00E+00	-1.83E+00	-8.02E-04	1.81E-04	-7.04E-03	0.00E+00	0.00E+00	-3.18E-09	-8.79E-08	-1.39E-02	-2.04E+00	0.00E+00	0.00E+00	-2.52E+00	0.00E+00	-1.45E+00	0.00E+00	2.45E-10	-2.91E-08	-2.47E-03	0.00E+00	-4.33E-01	0.00E+00	-1.45E+00	-1.96E-05	-1.45E+00	-1.41E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NB320A	-1.14E-02	-1.00E-01	3.72E-04	-1.09E-01	0.00E+00	0.00E+00	-2.89E+00	-1.17E-03	1.17E-03	-9.64E-03	0.00E+00	0.00E+00	-3.15E-09	-1.19E-07	-1.26E-02	-4.42E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-7.62E-01	0.00E+00	6.59E-10	-3.09E-08	-2.55E-03	0.00E+00	-7.93E-01	0.00E+00	-7.62E-01	-3.21E-05	-7.62E-01	-9.64E-01	-7.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NB325A	-1.27E-02	1.50E-02	3.79E-03	5.14E-03	0.00E+00	0.00E+00	2.75E-01	-1.27E-03	4.59E-04	-2.29E-03	0.00E+00	0.00E+00	-1.50E-09	-5.07E-08	-1.17E-02	-1.30E+00	0.00E+00	0.00E+00	-9.16E-01	0.00E+00	5.23E-01	0.00E+00	6.87E-09	-3.24E-08	-7.22E-04	0.00E+00	-2.32E-01	0.00E+00	5.23E-01	-9.28E-06	5.23E-01	1.32E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
NB332A	-9.32E-03	-5.39E-02	-1.06E-03	-3.80E-02	0.00E+00	0.00E+00	-2.37E+00	-1.19E-03	1.63E-03	-1.04E-02	0.00E+00	0.00E+00	-2.81E-09	-2.07E-07	-1.21E-02	-4.53E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-1.14E+00	0.00E+00	-4.58E-10	-2.73E-08	-2.45E-03	0.00E+00	-8.43E-01	0.00E+00	-1.14E+00	-5.53E-05	-1.14E+00	-1.30E+00	-8.43E-01	0.00E+00	0.00E+00	0.00E+00	-9.03E+01
NB340A	-9.55E-03	-3.21E-02	1.33E-04	-3.28E-02	0.00E+00	0.00E+00	-9.91E-01	-1.05E-03	1.74E-03	-1.38E-02	0.00E+00	0.00E+00	-3.10E-09	-2.70E-07	-9.62E-03	-4.52E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-1.60E+00	0.00E+00	1.17E-09	-2.80E-08	-2.70E-03	0.00E+00	-8.89E-01	0.00E+00	-1.60E+00	-5.20E-05	-1.60E+00	-2.05E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.10E+01
NB350A	-8.87E-03	1.80E-02	-2.12E-04	-7.29E-02	0.00E+00	0.00E+00	-1.41E+00	-8.30E-04	8.43E-04	-1.10E-02	0.00E+00	0.00E+00	-2.61E-09	-2.04E-07	-4.61E-03	-1.25E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-1.34E+00	0.00E+00	7.71E-09	-1.78E-08	-1.11E-03	0.00E+00	-5.28E-01	0.00E+00	-1.34E+00	-5.30E-05	-1.34E+00	-2.05E+00	-5.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NB363A	-9.90E-03	2.75E-02	4.31E-04	-9.08E-02	0.00E+00	0.00E+00	-5.62E+00	-1.08E-03	9.67E-04	-1.02E-02	0.00E+00	0.00E+00	-2.87E-09	-2.05E-07	-9.32E-04	-1.36E+00	0.00E+00	0.00E+00	-4.90E+00	0.00E+00	-1.83E+00	0.00E+00	6.16E-09	-2.05E-08	-1.59E-03	0.00E+00	-5.96E-01	0.00E+00	-1.83E+00	-4.92E-05	-1.83E+00	-2.96E+00	-5.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
NB406A	-1.11E-02	-1.41E-01	2.48E-03	-3.70E-02	0.00E+00	0.00E+00	-1.90E+00	-1.31E-03	-2.56E-04	-6.83E-03	0.00E+00	0.00E+00	-2.13E-09	-9.21E-08	-2.37E-03	-2.05E+00	0.00E+00	0.00E+00	-2.17E+00	0.00E+00	-7.35E-01	0.00E+00	-6.27E-10	-2.61E-08	-1.64E-03	0.00E+00	-2.49E-01	0.00E+00	-7.35E-01	-2.95E-05	-7.35E-01	-7.20E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-9.96E+01
NB410A	-9.63E-03	-1.56E-01	1.38E-03	-9.56E-02	0.00E+00	0.00E+00	-1.52E+00	-1.20E-03	-1.57E-04	-4.99E-03	0.00E+00	0.00E+00	-3.23E-09	-9.75E-08	-1.69E-03	-2.04E+00	0.00E+00	0.00E+00	-2.11E+00	0.00E+00	-1.34E+00	0.00E+00	-1.14E-09	-3.17E-08	-2.02E-03	0.00E+00	-3.27E-01	0.00E+00	-1.34E+00	-3.04E-05	-1.34E+00	-1.65E+00	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.87E+01
NB413A	-9.25E-03	-1.17E-01	2.58E-04	-7.03E-02	0.00E+00	0.00E+00	-1.90E+00	-1.10E-03	-4.80E-05	-5.77E-03	0.00E+00	0.00E+00	-3.18E-09	-9.58E-08	-4.67E-03	-1.74E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-1.15E+00	0.00E+00	-2.72E-09	-3.42E-08	-2.02E-03	0.00E+00	-2.81E-01	0.00E+00	-1.15E+00	-2.45E-05	-1.15E+00	-1.35E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
NB416A	-1.05E-02	-1.07E-01	1.93E-03	-3.90E-02	0.00E+00	0.00E+00	-1.57E+00	-1.32E-03	2.01E-04	-5.16E-03	0.00E+00	0.00E+00	-2.63E-09	-1.31E-07	-4.31E-03	-1.70E+00	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-4.92E-01	0.00E+00	1.02E-09	-2.65E-08	-1.61E-03	0.00E+00	-1.54E-01	0.00E+00	-4.92E-01	-2.61E-05	-4.92E-01	-6.42E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NB420A	-1.10E-02	-9.32E-02	1.23E-03	2.71E-02	0.00E+00	0.00E+00	-1.24E+00	-1.35E-03	4.38E-04	-5.95E-03	0.00E+00	0.00E+00	-2.45E-09	-1.32E-07	-1.88E-03	-1.68E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-1.29E-01	0.00E+00	2.02E-09	-2.82E-08	-1.50E-03	0.00E+00	-2.03E-01	0.00E+00	-1.29E-01	-2.74E-05	-1.29E-01	-2.35E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-9.48E+01
NB425A	-1.49E-02	-2.18E-02	1.05E-03	-1.98E-02	0.00E+00	0.00E+00	-2.85E+00	-1.87E-03	-1.94E-04	-8.12E-03	0.00E+00	0.00E+00	-4.01E-09	-1.97E-07	-1.74E-02	-1.97E+00	0.00E+00	0.00E+00	-3.57E+00	0.00E+00	-6.41E-01	0.00E+00	2.19E-09	-3.27E-08	-3.49E-03	0.00E+00	-3.68E-01	0.00E+00	-6.41E-01	-4.05E-05	-6.41E-01	-7.49E-01	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NB432A	-1.35E-02	-1.50E-01	-1.32E-03	-1.07E-01	0.00E+00	0.00E+00	-4.70E+00	-1.63E-03	1.60E-03	-5.70E-03	0.00E+00	0.00E+00	-5.80E-09	-1.93E-07	-6.87E-03	-2.85E+00	0.00E+00	0.00E+00	-5.31E+00	0.00E+00	-1.68E+00	0.00E+00	-7.12E-09	-3.43E-08	-2.81E-03	0.00E+00	-6.81E-01	0.00E+00	-1.68E+00	-4.03E-05	-1.68E+00	-2.29E+00	-6.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
NB440A	-1.25E-02	-1.53E-01	-5.09E-04	-2.65E-01	0.00E+00	0.00E+00	-3.67E+00	-1.56E-03	1.59E-03	-1.40E-02	0.00E+00	0.00E+00	-4.78E-09	-3.20E-07	-3.50E-03	-2.05E+00	0.00E+00	0.00E+00	-3.73E+00	0.00E+00	-8.22E-01	0.00E+00	-8.04E-09	-4.98E-08	-3.63E-03	0.00E+00	-6.88E-01	0.00E+00	-8.22E-01	-3.75E-05	-8.22E-01	-1.38E+00	-6.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
NB450A	-3.12E-02	-1.82E-02	-2.20E-03	-9.96E-02	0.00E+00	0.00E+00	-7.08E+00	-2.73E-03	-2.11E-03	-2.36E-02	0.00E+00	0.00E+00	-7.40E-09	-3.41E-07	-7.54E-03	-3.49E+00	0.00E+00	0.00E+00	-6.48E+00	0.00E+00	-2.58E+00	0.00E+00	-2.98E-09	-9.21E-08	-6.83E-03	0.00E+00	-1.08E+00	0.00E+00	-2.58E+00	-1.06E-04	-2.58E+00	-3.30E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NB463A	-2.73E-02	5.49E-03	-1.66E-03	-9.84E-02	0.00E+00	0.00E+00	-8.68E+00	-2.49E-03	-1.37E-03	-1.82E-02	0.00E+00	0.00E+00	-7.44E-09	-3.27E-07	-9.76E-04	-3.31E+00	0.00E+00	0.00E+00	-7.62E+00	0.00E+00	-1.83E+00	0.00E+00	-3.53E-09	-8.00E-08	-6.35E-03	0.00E+00	-8.90E-01	0.00E+00	-1.83E+00	-9.91E-05	-1.83E+00	-2.77E+00	-8.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
NBN006	-2.85E-03	6.32E-03	6.25E-04	2.79E-02	0.00E+00	0.00E+00	-4.84E-01	-2.50E-04	8.02E-05	-1.15E-03	0.00E+00	0.00E+00	-6.92E-10	-3.26E-08	2.88E-04	-4.31E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-1.56E-01	0.00E+00	2.25E-09	-6.33E-09	-3.50E-04	0.00E+00	-5.42E-02	0.00E+00	-1.56E-01	-5.88E-06	-1.56E-01	-2.85E-01	-5.42E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
NBN010	-2.90E-03	8.52E-03	6.51E-04	2.88E-02	0.00E+00	0.00E+00	-4.44E-01	-2.36E-04	8.02E-05	-1.15E-03	0.00E+00	0.00E+00	-7.13E-10	-2.93E-08	1.25E-04	-4.53E-01	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-1.07E-01	0.00E+00	2.36E-09	-6.22E-09	-3.58E-04	0.00E+00	-5.40E-02	0.00E+00	-1.07E-01	-5.65E-06	-1.07E-01	-2.58E-01	-5.40E-02	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
NBN013	-3.10E-03	1.08E-02	6.66E-04	2.69E-02	0.00E+00	0.00E+00	-4.63E-01	-2.70E-04	8.02E-05	-1.31E-03	0.00E+00	0.00E+00	-7.39E-10	-3.24E-08	3.43E-04	-4.89E-01	0.00E+00	0.00E+00	-6.29E-01	0.00E+00	-1.03E-01	0.00E+00	2.42E-09	-6.80E-09	-3.71E-04	0.00E+00	-5.90E-02	0.00E+00	-1.03E-01	-8.59E-06	-1.03E-01	-2.53E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
NBN016	-2.84E-03	5.99E-03	6.51E-04	1.26E-02	0.00E+00	0.00E+00	-5.36E-01	-2.98E-04	9.19E-05	-1.25E-03	0.00E+00	0.00E+00	-8.49E-10	-2.68E-08	1.76E-04	-4.95E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.47E-01	0.00E+00	2.10E-09	-7.12E-09	-4.42E-04	0.00E+00	-6.37E-02	0.00E+00	-1.47E-01	-9.56E-06	-1.47E-01	-3.19E-01	-6.37E-02	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
NBN020	-1.78E-03	4.19E-03	2.13E-03	1.94E-02	0.00E+00	0.00E+00	-1.40E-02	-2.85E-04	1.67E-04	-5.01E-04	0.00E+00	0.00E+00	-5.96E-10	-2.63E-08	2.75E-04	-6.90E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	3.96E-02	0.00E+00	3.01E-09	-4.56E-09	-2.78E-04	0.00E+00	-8.92E-02	0.00E+00	3.96E-02	-6.77E-06	3.96E-02	1.50E-02	-8.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
NBN025	-4.66E-03	5.91E-03	6.22E-04	1.49E-02	0.00E+00	0.00E+00	-8.39E-01	-4.76E-04	7.51E-05	-2.38E-03	0.00E+00	0.00E+00	-9.28E-10	-7.08E-08	3.27E-04	-7.25E-01	0.00E+00	0.00E+00	-8.35E-01	0.00E+00	-1.49E-01	0.00E+00	2.16E-09	-9.49E-09	-6.35E-04	0.00E+00	-8.51E-02	0.00E+00	-1.49E-01	-1.53E-05	-1.49E-01	-3.16E-01	-8.51E-02	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
NBN032	-6.02E-03	8.92E-03	4.74E-04	3.12E-02	0.00E+00	0.00E+00	-1.06E+00	-5.62E-04	2.99E-05	-3.42E-03	0.00E+00	0.00E+00	-1.03E-09	-9.23E-08	6.27E-04	-8.59E-01	0.00E+00	0.00E+00	-9.99E-01	0.00E+00	-8.04E-02	0.00E+00	2.48E-09	-1.11E-08	-8.12E-04	0.00E+00	-9.53E-02	0.00E+00	-8.04E-02	-1.94E-05	-8.04E-02	-2.65E-01	-9.53E-02	0.00E+00	0.00E+00	0.00E+00	-4.83E+01

NBN040	-8.05E-03	2.58E-03	4.05E-04	1.51E-02	0.00E+00	0.00E+00	-1.31E+00	-7.27E-04	2.26E-05	-4.08E-03	0.00E+00	0.00E+00	-1.09E-09	-1.10E-07	4.47E-04	-8.18E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-8.16E-02	0.00E+00	2.67E-09	-1.29E-08	-1.06E-03	0.00E+00	-9.98E-02	0.00E+00	-8.16E-02	-2.82E-05	-8.16E-02	-3.38E-01	-9.98E-02	0.00E+00	0.00E+00	0.00E+00	-5.31E+01
NBN050	-9.04E-03	5.43E-03	4.76E-05	2.55E-02	0.00E+00	0.00E+00	-1.38E+00	-6.54E-04	6.91E-05	-5.02E-03	0.00E+00	0.00E+00	-1.18E-09	-1.05E-07	-5.50E-04	-7.90E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.69E-01	0.00E+00	2.95E-09	-1.51E-08	-9.45E-04	0.00E+00	-9.81E-02	0.00E+00	-1.69E-01	-2.91E-05	-1.69E-01	-4.08E-01	-9.81E-02	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
NBN063	-8.76E-03	-1.06E-03	1.43E-04	2.46E-02	0.00E+00	0.00E+00	-1.14E+00	-5.44E-04	2.40E-04	-4.97E-03	0.00E+00	0.00E+00	-1.16E-09	-7.14E-08	-2.88E-04	-6.08E-01	0.00E+00	0.00E+00	-9.84E-01	0.00E+00	-2.52E-01	0.00E+00	2.78E-09	-1.62E-08	-8.11E-04	0.00E+00	-8.10E-02	0.00E+00	-2.52E-01	-2.82E-05	-2.52E-01	-4.97E-01	-8.10E-02	0.00E+00	0.00E+00	0.00E+00	-4.51E+01
NBN106	6.08E-04	1.47E-01	3.17E-03	1.44E-01	0.00E+00	0.00E+00	7.20E-01	-4.06E-06	2.97E-04	1.22E-03	0.00E+00	0.00E+00	-5.68E-11	3.04E-09	5.08E-03	1.85E-01	0.00E+00	0.00E+00	4.05E-01	0.00E+00	9.51E-01	0.00E+00	8.70E-09	3.01E-09	2.75E-04	0.00E+00	8.79E-02	0.00E+00	9.51E-01	-1.52E-07	9.51E-01	1.04E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
NBN106A	2.89E-04	3.02E-02	2.52E-03	2.77E-02	0.00E+00	0.00E+00	6.48E-01	-1.39E-05	2.12E-04	2.78E-04	0.00E+00	0.00E+00	-2.72E-11	1.69E-09	3.78E-03	-2.44E-01	0.00E+00	0.00E+00	4.16E-01	0.00E+00	6.45E-01	0.00E+00	5.34E-09	1.24E-09	5.79E-05	0.00E+00	2.28E-02	0.00E+00	6.45E-01	-4.58E-07	6.45E-01	6.68E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
NBN106N	-2.51E-03	-3.39E-03	9.55E-04	-4.32E-02	0.00E+00	0.00E+00	-8.21E-01	-3.43E-04	5.11E-05	-1.12E-03	0.00E+00	0.00E+00	-6.65E-10	-3.75E-08	-3.59E-03	-7.26E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.05E-01	0.00E+00	7.66E-10	-7.96E-09	-7.54E-04	0.00E+00	-8.67E-02	0.00E+00	-1.05E-01	-7.62E-06	-1.05E-01	-2.15E-01	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
NBN110	5.93E-04	1.13E-01	3.01E-03	1.10E-01	0.00E+00	0.00E+00	7.15E-01	-4.09E-06	3.20E-04	9.74E-04	0.00E+00	0.00E+00	-7.61E-11	3.43E-09	4.70E-03	-2.58E-02	0.00E+00	0.00E+00	3.72E-01	0.00E+00	8.43E-01	0.00E+00	7.67E-09	2.40E-09	2.18E-04	0.00E+00	5.33E-02	0.00E+00	8.43E-01	-2.13E-07	8.43E-01	8.96E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.18E+01
NBN110A	6.79E-05	9.65E-03	6.31E-04	9.02E-03	0.00E+00	0.00E+00	1.55E-02	-2.74E-05	2.30E-04	-6.85E-05	0.00E+00	0.00E+00	-7.85E-10	1.93E-10	1.13E-03	-2.29E-01	0.00E+00	0.00E+00	-3.88E-01	0.00E+00	-3.87E-01	0.00E+00	6.70E-10	-5.05E-09	-2.12E-04	0.00E+00	-5.14E-02	0.00E+00	-3.87E-01	-1.54E-06	-3.87E-01	-4.38E-01	-5.14E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
NBN110N	-2.35E-03	-5.00E-03	8.46E-04	-4.71E-02	0.00E+00	0.00E+00	-7.96E-01	-3.10E-04	6.81E-05	-1.05E-03	0.00E+00	0.00E+00	-6.27E-10	-2.97E-08	-2.99E-03	-7.44E-01	0.00E+00	0.00E+00	-9.95E-01	0.00E+00	-1.16E-01	0.00E+00	7.37E-10	-7.32E-09	-7.59E-04	0.00E+00	-7.78E-02	0.00E+00	-1.16E-01	-6.92E-06	-1.16E-01	-2.04E-01	-7.78E-02	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
NBN113	-2.86E-03	9.76E-03	6.21E-04	2.61E-02	0.00E+00	0.00E+00	-4.43E-01	-2.67E-04	8.02E-05	-1.20E-03	0.00E+00	0.00E+00	-7.29E-10	-3.19E-08	2.86E-04	-4.56E-01	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-1.03E-01	0.00E+00	2.40E-09	-6.77E-09	-3.76E-04	0.00E+00	-5.25E-02	0.00E+00	-1.03E-01	-5.65E-06	-1.03E-01	-2.53E-01	-5.25E-02	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
NBN116	4.98E-04	2.53E-02	2.63E-03	2.27E-02	0.00E+00	0.00E+00	6.96E-01	-4.04E-06	3.20E-04	2.94E-04	0.00E+00	0.00E+00	-6.93E-11	3.91E-09	3.77E-03	-3.20E-01	0.00E+00	0.00E+00	3.67E-01	0.00E+00	6.13E-01	0.00E+00	5.23E-09	1.17E-09	6.68E-05	0.00E+00	6.74E-03	0.00E+00	6.13E-01	-2.32E-07	6.13E-01	6.19E-01	6.74E-03	0.00E+00	0.00E+00	0.00E+00	1.21E+01
NBN116A	1.01E-04	2.78E-02	1.15E-03	2.66E-02	0.00E+00	0.00E+00	6.32E-02	-3.70E-05	2.90E-04	3.68E-05	0.00E+00	0.00E+00	-7.05E-10	-2.41E-10	1.58E-03	-1.70E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-2.55E-01	0.00E+00	1.58E-09	-4.42E-09	-1.80E-04	0.00E+00	-2.56E-02	0.00E+00	-2.55E-01	-1.75E-06	-2.55E-01	-2.81E-01	-2.56E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
NBN116N	-2.47E-03	-6.79E-03	8.51E-04	-4.93E-02	0.00E+00	0.00E+00	-8.18E-01	-3.52E-04	6.22E-05	-1.17E-03	0.00E+00	0.00E+00	-6.19E-10	-3.51E-08	-3.93E-03	-7.64E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.16E-01	0.00E+00	7.15E-10	-7.89E-09	-8.00E-04	0.00E+00	-1.18E-01	0.00E+00	-1.16E-01	-7.25E-06	-1.16E-01	-2.35E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
NBN120	-4.75E-03	1.05E-02	6.82E-04	2.66E-02	0.00E+00	0.00E+00	-7.91E-01	-4.81E-04	5.74E-05	-2.16E-03	0.00E+00	0.00E+00	-8.40E-10	-8.06E-08	1.99E-04	-6.71E-01	0.00E+00	0.00E+00	-8.31E-01	0.00E+00	-9.66E-02	0.00E+00	2.44E-09	-8.58E-09	-5.83E-04	0.00E+00	-6.97E-02	0.00E+00	-9.66E-02	-1.59E-05	-9.66E-02	-2.34E-01	-6.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
NBN120A	2.40E-04	8.03E-05	9.61E-04	-8.81E-04	0.00E+00	0.00E+00	-5.48E-03	-4.10E-05	5.02E-04	-2.13E-04	0.00E+00	0.00E+00	-8.94E-10	1.47E-09	-5.68E-03	-1.99E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-5.64E-01	0.00E+00	5.75E-10	-6.21E-09	-2.62E-04	0.00E+00	-8.87E-02	0.00E+00	-5.64E-01	-2.15E-06	-5.64E-01	-6.53E-01	-8.87E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
NBN120N	-2.64E-03	-7.54E-03	8.03E-04	-4.77E-02	0.00E+00	0.00E+00	-1.45E+00	-3.86E-04	5.31E-05	-1.41E-03	0.00E+00	0.00E+00	-6.70E-10	-4.71E-08	-4.84E-03	-2.55E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.12E-01	0.00E+00	7.61E-10	-9.02E-09	-1.10E-03	0.00E+00	-4.54E-01	0.00E+00	-1.12E-01	-8.86E-06	-1.12E-01	-2.37E-01	-4.54E-01	0.00E+00	0.00E+00	0.00E+00	-4.78E+01
NBN125	-4.73E-03	5.66E-03	5.63E-04	1.08E-02	0.00E+00	0.00E+00	-8.10E-01	-4.88E-04	2.96E-05	-2.41E-03	0.00E+00	0.00E+00	-9.17E-10	-7.12E-08	3.05E-04	-6.96E-01	0.00E+00	0.00E+00	-8.50E-01	0.00E+00	-1.56E-01	0.00E+00	2.16E-09	-9.11E-09	-6.50E-04	0.00E+00	-7.51E-02	0.00E+00	-1.56E-01	-1.51E-05	-1.56E-01	-3.16E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
NBN125A	-4.56E-03	6.49E-03	5.96E-04	1.40E-02	0.00E+00	0.00E+00	-8.30E-01	-4.79E-04	7.24E-05	-2.43E-03	0.00E+00	0.00E+00	-9.67E-10	-7.07E-08	2.18E-04	-6.65E-01	0.00E+00	0.00E+00	-8.65E-01	0.00E+00	-1.34E-01	0.00E+00	2.16E-09	-8.97E-09	-6.79E-04	0.00E+00	-7.09E-02	0.00E+00	-1.34E-01	-1.57E-05	-1.34E-01	-3.18E-01	-7.09E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NBN125N	-4.55E-03	-2.20E-02	7.66E-04	-2.35E-02	0.00E+00	0.00E+00	-1.70E+00	-6.16E-04	1.23E-03	-2.02E-03	0.00E+00	0.00E+00	-9.57E-10	-7.31E-08	-5.54E-03	-2.76E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	1.33E-01	0.00E+00	5.36E-10	-1.20E-08	-1.29E-03	0.00E+00	-4.92E-01	0.00E+00	1.33E-01	-1.55E-05	1.33E-01	-1.02E-01	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	-5.74E+01
NBN132	-6.03E-03	8.92E-03	4.74E-04	3.05E-02	0.00E+00	0.00E+00	-1.09E+00	-5.70E-04	2.99E-05	-3.46E-03	0.00E+00	0.00E+00	-1.03E-09	-9.18E-08	6.27E-04	-8.59E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-8.04E-02	0.00E+00	2.48E-09	-1.11E-08	-8.08E-04	0.00E+00	-9.47E-02	0.00E+00	-8.04E-02	-1.94E-05	-8.04E-02	-2.65E-01	-9.47E-02	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
NBN132A	-1.06E-02	5.68E-02	3.19E-04	5.65E-02	0.00E+00	0.00E+00	-2.02E+00	-1.10E-03	-3.77E-04	-5.02E-03	0.00E+00	0.00E+00	-1.32E-09	-1.27E-07	2.35E-03	-1.13E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	4.35E-02	0.00E+00	3.20E-09	-1.73E-08	-1.48E-03	0.00E+00	-1.88E-01	0.00E+00	4.35E-02	-3.17E-05	4.35E-02	-1.45E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-7.82E+01
NBN132N	-7.41E-03	-4.02E-02	9.67E-05	-3.12E-02	0.00E+00	0.00E+00	-2.13E+00	-9.16E-04	1.21E-03	-4.34E-03	0.00E+00	0.00E+00	-1.62E-09	-8.19E-08	-8.38E-03	-3.41E+00	0.00E+00	0.00E+00	-2.04E+00	0.00E+00	1.89E-02	0.00E+00	1.14E-09	-1.74E-08	-1.96E-03	0.00E+00	-6.15E-01	0.00E+00	1.89E-02	-2.17E-05	1.89E-02	-3.26E-01	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-8.54E+01
NBN140	-1.62E-03	9.36E-03	2.14E-03	3.62E-02	0.00E+00	0.00E+00	2.50E-03	-2.37E-04	1.76E-04	-5.01E-04	0.00E+00	0.00E+00	-5.55E-10	-1.68E-08	1.83E-04	-6.48E-01	0.00E+00	0.00E+00	-2.10E-01	0.00E+00	8.60E-02	0.00E+00	3.55E-09	-4.79E-09	-2.57E-04	0.00E+00	-9.00E-02	0.00E+00	8.60E-02	-5.96E-06	8.60E-02	1.34E-01	-9.00E-02	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
NBN140A	-8.01E-03	4.95E-03	3.67E-04	2.69E-02	0.00E+00	0.00E+00	-1.25E+00	-7.10E-04	2.26E-05	-4.09E-03	0.00E+00	0.00E+00	-1.14E-09	-1.09E-07	4.76E-04	-8.20E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-3.90E-02	0.00E+00	2.81E-09	-1.30E-08	-1.07E-03	0.00E+00	-1.01E-01	0.00E+00	-3.90E-02	-2.77E-05	-3.90E-02	-2.92E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
NBN140N	-7.25E-03	-1.71E-02	2.01E-04	-1.74E-02	0.00E+00	0.00E+00	-2.14E+00	-9.22E-04	1.20E-03	-3.40E-03	0.00E+00	0.00E+00	-1.20E-09	-8.90E-08	-7.87E-03	-3.13E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	2.03E-02	0.00E+00	8.23E-10	-1.61E-08	-1.62E-03	0.00E+00	-5.05E-01	0.00E+00	2.03E-02	-2.09E-05	2.03E-02	-3.24E-01	-5.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.63E+01
NBN150	-3.06E-03	3.60E-02	2.40E-03	4.17E-02	0.00E+00	0.00E+00	-5.14E-02	-4.84E-04	2.09E-04	-1.07E-03	0.00E+00	0.00E+00	-7.71E-10	-4.72E-08	4.56E-04	-7.41E-01	0.00E+00	0.00E+00	-1.75E-01	0.00E+00	3.93E-01	0.00E+00	7.37E-09	-5.70E-09	-4.14E-04	0.00E+00	-1.51E-01	0.00E+00	3.93E-01	-1.59E-05	3.93E-01	2.16E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+00
NBN150A	-3.06E-03	3.60E-02	2.40E-03	4.17E-02	0.00E+00	0.00E+00	-5.14E-02	-4.84E-04	2.09E-04	-1.07E-03	0.00E+00	0.00E+00	-7.72E-10	-4.66E-08	4.65E-04	-7.36E-01	0.00E+00	0.00E+00	-1.63E-01	0.00E+00	3.93E-01	0.00E+00	7.37E-09	-5.80E-09	-4.25E-04	0.00E+00	-1.51E-01	0.00E+00	3.93E-01	-1.56E-05	3.93E-01	2.16E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-9.64E+00
NBN150N	-5.62E-03	2.82E-03	8.47E-04	-2.80E-02	0.00E+00	0.00E+00	-1.27E+00	-6.16E-04	3.03E-04	-3.34E-03	0.00E+00	0.00E+00	-1.06E-09	-7.31E-08	-4.12E-03	-1.31E+00	0.00E+00	0.00E+00	-9.40E-01	0.00E+00	1.61E-01	0.00E+00	2.48E-09	-1.14E-08	-9.95E-04	0.00E+00	-2.02E-01	0.00E+00	1.61E-01	-1.80E-05	1.61E-01	-2.03E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
NBN163	-1.44E-03	4.25E-03	2.54E-03	2.00E-02	0.00E+00	0.00E+00	2.98E-03	-2.63E-04	2.67E-04	-6.34E-04	0.00E+00	0.00E+00	-6.53E-10	-5.55E-09	-5.54E-04	-4.97E-01	0.00E+00	0.00E+00	-2.27E-01	0.00E+00	-8.74E-02	0.00E+00	3.13E-09	-5.10E-09	-4.18E-04	0.00E+00	-8.80E-02	0.00E+00	-8.74E-02	-6.18E-06	-8.74E-02	-1.20E-01	-8.80E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
NBN163A	-1.42E-03	4.25E-03	2.54E-03	2.17E-02	0.00E+00	0.00E+00	-7.91E-03	-2.53E-04	2.62E-04	-6.69E-04	0.00E+00	0.00E+00	-6.51E-10	-8.81E-09	-6.07E-04	-4.86E-01	0.00E+00	0.00E+00	-1.78E-01	0.00E+00	-7.40E-02	0.00E+00	3.12E-09	-5.10E-09	-4.23E-04	0.00E+00	-8.70E-02	0.00E+00	-7.40E-02	-6.24E-06	-7.40E-02	-1.20E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
NBN163N	-7.19E-03	-2.10E-02	1.48E-03	-3.36E-02	0.00E+00	0.00E+00	-1.61E+00	-7.15E-04	4.42E-04	-3.95E-03	0.00E+00	0.00E+00	-1.11E-09	-8.16E-08	-4.02E-03	-1.16E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	2.11E-01	0.00E+00	2.07E-09	-1.34E-08	-1.05E-03	0.00E+00	-2.37E-01	0.00E+00	2.11E-01	-2.26E-05	2.11E-01	-4.10E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.86E+01
NBN163R	-8.90E-03	1.20E-04	7.57E-05	2.67E-02	0.00E+00	0.00E+00	-1.20E+00	-5.82E-04	2.41E-04	-4.87E-03	0.00E+00	0.00E+00	-1.16E-09	-7.66E-08	-2.51E-04	-6.20E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.72E-01	0.00E+00	2.80E-09	-1.63E-08	-8.16E-04	0.00E+00	-7.96E-02	0.00E+00	-2.72E-01	-2.85E-05	-2.72E-01	-5.43E-01	-7.96E-02	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
NBN206	-5.60E-03	-9.79E-03	4.60E-04	1.24E-02	0.00E+00	0.00E+00	-1.80E+00	-4.88E-04	-1.07E-04	-3.25E-03	0.00E+00	0.00E+00	-2.14E-09	-1.35E-07	-5.35E-03	-1.06E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-4.01E-01	0.00E+00	2.06E-09	-1.40E-08	-7.24E-04	0.00E+00	-1.98E-01	0.00E+00	-4.01E-01	-3.36E-05	-4.01E-01	-4.38E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
NBN206A	-5.58E-03	-9.92E-03	4.60E-04	1.20E-02	0.00E+00	0.00E+00	-1.82E+00	-5.22E-04	-1.08E-04	-3.44E-03	0.00E+00	0.00E+00	-2.16E-09	-1.38E-07	-5.38E-03	-1.07E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-3.88E-01	0.00E+00	2.06E-09	-1.44E-08	-7.77E-04	0.00E+00	-1.98E-01	0.00E+00	-3.88E-01	-3.37E-05	-3.88E-01	-4.54E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
NBN206N	-5.18E-03	-3.56E-02	7.90E-04	-4.77E-02	0.00E+00	0.00E+00	-1.19E+00	-5.97E-04	1.48E-04	-2.33E-03	0.00E+00	0.00E+00	-1.51E-09	-6.63E-08	-8.21E-03	-1.06E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-5.38E-01	0.00E+00	-1.79E-09	-1.77E-08	-1.07E-03	0.00E+00	-1.86E-01	0.00E+00	-5.38E-01	-1.68E-05	-5.38E-01	-6.12E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.42E+01
NBN210	-5.79E-03	-1.52E-02	6.61E-04	-1.85E-02	0.00E+00	0.00E+00	-1.57E+00	-5.13E-04	-1.17E-04	-3.44E-03	0.00E+00	0.00E+00	-2.27E-09	-1.34E-07	-6.49E-03	-2.13E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-4.67E-01	0.00E+00	2.32E-09	-1.47E-08	-8.27E-04	0.00E+00	-3.73E-01	0.00E+00	-4.67E-01	-3.59E-05	-4.67E-01	-6.66E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
NBN210A	-1.34E-02	-3.14E-01	-4.49E-03	-3.09E-01	0.00E+00	0.00E+00	-2.50E+00	-8.08E-04	-5.40E-04	-6.69E-03	0.00E+00	0.00E+00	-2.87E-09	-9.36E-08	-2.56E-02	-1.94E+00	0.00E+00	0.00E+00	-3.25E+00	0.00E+00	-3.14E+00	0.00E+00	-1.34E-08	-3.37E-08	-2.31E-03	0.00E+00	-5.80E-01	0.00E+00	-3.14E+00	-2.53E-05	-3.14E+00	-3.72E+00	-5.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NBN210N	-4.89E-03	-3.10E-02	7.98E-04	-5.26E-02	0.00E+00	0.00E+00	-1.18E+00	-6.45E-04	1.76E-04	-2.37E-03	0.00E+00	0.00E+00	-1.43E-09	-5.99E-08	-7.08E-03	-1.07E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-5.09E-01	0.00E+00	-1.77E-09	-1.65E-08	-1.08E-03	0.00E+00	-1.84E-01	0.00E+00	-5.09E-01	-1.52E-05	-5.09E-01	-5.68E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
NBN213	-5.99E-03	-2.68E-02	5.62E-04	-3.04E-02	0.00E+00	0.00E+00	-1.67E+00	-5.42E-04	-1.32E-04	-4.12E-03	0.00E+00	0.00E+00	-2.47E-09	-1.46E-07	-7.06E-03	-2.06E+00	0.00E+00	0.00E+00	-2.05E+00	0.00E+00	-4.89E-01	0.00E+00	1.73E-09	-1.70E-08	-9.94E-04	0.00E+00	-3.77E-01	0.00E+00	-4.89E-01	-4.05E-05	-4.89E-01	-9.87E-01	-3.77E-01	0.00E+00	0.00E+00	0.00E+00	-8.74E+01
NBN216	-6.09E-03	-3.09E-02	4.12E-04	-2.09E-02	0.00E+00	0.00E+00	-1.75E+00	-5.46E-04	-1.42E-04	-4.13E-03	0.00E+00	0.00E+00	-2.51E-09	-1.45E-07	-5.84E-03	-1.25E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-6.78E-01	0.00E+00	9.27E-10	-1.86E-08	-9.91E-04	0.00E+00	-2.16E-01	0.00E+00	-6.78E-01	-3.98E-05	-6.78E-01	-1.23E+00	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-8.34E+01
NBN216A	-6.11E-03	-3.51E-02	4.58E-04	-3.54E-02	0.00E+00	0.00E+00	-1.78E+00	-5.91E-04	-1.42E-04	-4.17E-03	0.00E+00	0.00E+00	-2.60E-09	-1.50E-07	-5.84E-03	-1.98E+00	0.00E+00	0.00E+00	-2.22E+00	0.00E+00	-5.87E-01	0.00E+00	1.04E-09	-1.88E-08	-1.04E-03	0.00E+00	-3.74E-01	0.00E+00	-5.87E-01	-4.11E-05	-5.87E-01	-1.17E+00	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
NBN216N	-5.40E-03	-4.54E-02	6.92E-04	-6.82E-02	0.00E+00	0.00E+00	-1.32E+00	-7.68E-04	1.69E-04	-2.63E-03	0.00E+00	0.00E+00	-1.76E-09	-7.72E-08	-9.12E-03	-1.17E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-8.15E-01	0.00E+00	-2.34E-09	-2.10E-08	-1.24E-03	0.00E+00	-2.23E-01	0.00E+00	-8.15E-01	-1.71E-05	-8.15E-01	-7.97E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.72E+01
NBN220	-7.18E-03	-2.31E-02	5.24E-04	-1.54E-02	0.00E+00	0.00E+00	-2.31E+00	-6.18E-04	-2.70E-04	-4.26E-03	0.00E+00	0.00E+00	-2.60E-09	-1.67E-07	-5.70E-03	-1.92E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-6.62E-01	0.00E+00	1.41E-09	-1.88E-08	-1.04E-03	0.00E+00	-3.41E-01	0.00E+00	-6.62E-01	-4.82E-05	-6.62E-01	-1.21E+00	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NBN220A	-7.22E-03	-2.32E-02	5.24E-04	-1.57E-02	0.00E+00	0.00E+00	-2.35E+00	-6.60E-04	-2.70E-04	-4.33E-03	0.00E+00	0.00E+00	-2.61E-09	-1.71E-07	-5.70E-03	-1.95E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-6.49E-01	0.00E+00	1.41E-09	-1.90E-08	-1.05E-03	0.00E+00	-3.38E-01	0.00E+00	-6.49E-01	-4.87E-05	-6.49E-01	-1.23E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NBN220N	-5.39E-03	-4.75E-02	6.19E-04	-3.82E-02	0.00E+00	0.00E+00	-1.92E+00	-8.85E-04	1.31E-03	-3.18E-03	0.00E+00	0.00E+00	-1.82E-09	-8.29E-08	-9.82E-03	-3.01E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-5.01E-01	0.00E+00	-2.37E-09	-2.33E-08	-1.52E-03	0.00E+00	-5.46E-01	0.00E+00	-5.01E-01	-1.77E-05	-5.01E-01	-4.92E-01	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-7.68E+01
NBN225	-5.20E-03	-1.83E-02	1.19E-03	-3.20E-02	0.00E+00	0.00E+00	-2.05E+00	-4.40E-04	2.78E-05	-3.09E-03	0.00E+00	0.00E+00	-2.54E-09	-1.57E-07	-5.51E-03	-1.90E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-7.63E-01	0.00E+00	1.52E-09	-1.67E-08	-8.45E-04	0.00E+00	-4.04E-01	0.00E+00	-7.63E-01	-5.24E-05	-7.63E-01	-1.25E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NBN225A	-5.19E-03	-1.66E-02	1.19E-03	-3.05E-02	0.00E+00	0.00E+00	-2.06E+00	-4.72E-04	2.78E-05	-3.09E-03	0.00E+00	0.00E+00	-2.56E-09	-1.60E-07	-5.48E-03	-1.90E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-7.29E-01	0.00E+00	1.52E-09	-1.67E-08	-8.49E-04	0.00E+00	-4.05E-01	0.00E+00	-7.29E-01	-5.28E-05	-7.29E-01	-1.23E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NBN225N	-7.74E-03	-5.62E-02	8.59E-04	-4.08E-02	0.00E+00	0.00E+00	-2.17E+00	-1.04E-03	1.34E-03	-3.79E-03	0.00E+00	0.00E+00	-2.32E-09	-9.50E-08	-1.00E-02	-3.05E+00	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-5.69E-01	0.00E+00	-2.72E-09	-2.56E-08	-1.84E-03	0.00E+00	-5.96E-01	0.00E+00	-5.69E-01	-2.42E-05	-5.69E-01	-7.81E-01	-5.96E-01	0.00E+00	0.00E+00	0.00E+00	-9.65E+01
NBN232	-5.29E-03	-1.34E-02	5.83E-04	-3.46E-02	0.00E+00	0.00E+00	-2.88E+00	-4.48E-04	4.92E-05	-2.84E-03	0.00E+00	0.00E+00	-2.68E-09	-1.68E-07	-5.25E-03	-2.42E+00	0.00E+00	0.00E+00	-2.98E+00	0.00E+00	-8.00E-01	0.00E+00	1.57E-09	-1.78E-08	-8.96E-04	0.00E+00	-4.76E-01	0.00E+00	-8.00E-01	-5.70E-05	-8.00E-01	-1.49E+00	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NBN232A	-4.00E-03	1.24E-02	3.12E-03	-5.29E-02	0.00E+00	0.00E+00	-4.97E-01	-5.13E-04	3.09E-04	-2.64E-03	0.00E+00	0.00E+00	-2.26E-09	-1.10E-08	-8.65E-04	-1.89E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-2.00E-01	0.00E+00	6.28E-09	-1.51E-08	-1.11E-03	0.00E+00	-3.49E-01	0.00E+00	-2.00E-01	-1.70E-05	-2.00E-01	-5.50E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-5.87E+01
NBN232N	-8.10E-03	-4.91E-02	8.82E-04	-2.62E-02	0.00E+00	0.00E+00	-2.45E+00	-1.04E-03	1.39E-03	-4.25E-03	0.00E+00	0.00E+00	-2.40E-09	-8.26E-08	-1.04E-02	-3.22E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-5.65E-01	0.00E+00	-2.06E-09	-2.50E-08	-1.81E-03	0.00E+00	-5.70E-01	0.00E+00	-5.65E-01	-2.44E-05	-5.65E-01	-8.71E-01	-5.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NBN240	-9.06E-03	-1.97E-02	4.74E-04	-1.40E-02	0.00E+00	0.00E+00	-2.55E+00	-5.92E-04	-2.01E-04	-3.99E-03	0.00E+00	0.00E+00	-2.57E-09	-2.01E-07	-3.15E-03	-1.49E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-5.16E-01	0.00E+00	1.73E-09	-2.03E-08	-1.15E-03	0.00E+00	-3.61E-01	0.00E+00	-5.16E-01	-6.01E-05	-5.16E-01	-7.60E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NBN240A	-9.07E-03	-1.97E-02	4.93E-04	-1.27E-02	0.00E+00	0.00E+00	-2.57E+00	-6.16E-04	-2.01E-04	-3.99E-03	0.00E+00	0.00E+00	-2.58E-09	-2.04E-07	-3.15E-03	-1.49E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-5.03E-01	0.00E+00	1.75E-09	-2.03E-08	-1.15E-03	0.00E+00	-3.61E-01	0.00E+00	-5.03E-01	-6.07E-05	-5.03E-01	-7.77E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NBN240N	-1.51E-02	-6.71E-02	8.23E-04	-3.39E-02	0.00E+00	0.00E+00	-3.66E+00	-1.65E-03	1.31E-03	-6.41E-03	0.00E+00	0.00E+00	-2.63E-09	-2.10E-07	-1.24E-02	-3.58E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-7.04E-01	0.00E+00	-2.78E-09	-3.62E-08	-2.56E-03	0.00E+00	-5.58E-01	0.00E+00	-7.04E-01	-4.58E-05	-7.04E-01	-9.41E-01	-5.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NBN250	-1.15E-02	1.81E-02	-2.75E-05	1.91E-02	0.00E+00	0.00E+00	-3.20E+00	-9.89E-04	-2.14E-04	-6.84E-03	0.00E+00	0.00E+00	-2.59E-09	-2.21E-07	-5.97E-03	-1.16E+00	0.00E+00	0.00E+00	-2.55E+00	0.00E+00	-5.36E-01	0.00E+00	2.19E-09	-2.38E-08	-1.58E-03	0.00E+00	-2.70E-01	0.00E+00	-5.36E-01	-6.27E-05	-5.36E-01	-8.58E-01	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NBN250A	-1.08E-02	2.18E-02	-2.17E-04	1.59E-02	0.00E+00	0.00E+00	-3.56E+00	-1.04E-03	-1.64E-04	-6.04E-03	0.00E+00	0.00E+00	-2.72E-09	-2.38E-07	-4.24E-03	-1.59E+00	0.00E+00	0.00E+00	-3.04E+00	0.00E+00	-5.61E-01	0.00E+00	2.13E-09	-2.43E-08	-1.73E-03	0.00E+00	-3.56E-01	0.00E+00	-5.61E-01	-6.53E-05	-5.61E-01	-9.67E-01	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NBN250N	-8.80E-03	-1.46E-02	1.93E-03	-2.58E-02	0.00E+00	0.00E+00	-2.04E+00	-9.72E-04	5.58E-04	-4.47E-03	0.00E+00	0.00E+00	-2.07E-09	-8.53E-08	-6.57E-03	-1.43E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-3.96E-01	0.00E+00	4.39E-10	-1.80E-08	-1.13E-03	0.00E+00	-2.55E-01	0.00E+00	-3.96E-01	-3.46E-05	-3.96E-01	-6.62E-01	-2.55E-01	0.00E+00	0.00E+00	0.00E+00	-8.93E+01
NBN263	-1.58E-02	1.79E-02	-1.19E-03	-1.50E-02	0.00E+00	0.00E+00	-4.06E+00	-1.86E-03	5.81E-05	-8.12E-03	0.00E+00	0.00E+00	-3.64E-09	-2.76E-07	-4.11E-03	-1.57E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-7.71E-01	0.00E+00	2.49E-09	-3.06E-08	-2.83E-03	0.00E+00	-4.87E-01	0.00E+00	-7.71E-01	-7.50E-05	-7.71E-01	-1.07E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NBN263A	-1.59E-02	1.69E-02	-1.19E-03	-1.45E-02	0.00E+00	0.00E+00	-4.07E+00	-1.90E-03	5.81E-05	-8.16E-03	0.00E+00	0.00E+00	-3.63E-09	-2.75E-07	-4.00E-03	-1.53E+00	0.00E+00	0.00E+00	-3.55E+00	0.00E+00	-7.49E-01	0.00E+00	2.53E-09	-3.06E-08	-2.84E-03	0.00E+00	-4.68E-01	0.00E+00	-7.49E-01	-7.51E-05	-7.49E-01	-1.07E+00	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
NBN263N	-1.01E-02	1.05E-02	8.94E-04	-8.20E-03	0.00E+00	0.00E+00	-2.33E+00	-1.25E-03	9.68E-04	-5.17E-03	0.00E+00	0.00E+00	-2.29E-09	-1.55E-07	-6.11E-03	-1.58E+00	0.00E+00	0.00E+00	-1.97E+00	0.00E+00	-1.11E-01	0.00E+00	-1.39E-10	-2.41E-08	-1.44E-03	0.00E+00	-3.35E-01	0.00E+00	-1.11E-01	-3.59E-05	-1.11E-01	-5.31E-01	-3.35E-01	0.00E+00	0.00E+00	0.00E+00	-9.90E+01
NBN263R	-1.58E-02	1.82E-02	-1.19E-03	-1.43E-02	0.00E+00	0.00E+00	-4.06E+00	-1.86E-03	5.81E-05	-8.16E-03	0.00E+00	0.00E+00	-3.60E-09	-2.76E-07	-4.00E-03	-1.53E+00	0.00E+00	0.00E+00	-3.51E+00	0.00E+00	-7.56E-01	0.00E+00	2.61E-09	-3.06E-08	-2.81E-03	0.00E+00	-4.69E-01	0.00E+00	-7.56E-01	-7.50E-05	-7.56E-01	-1.06E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NBN306	-9.44E-03	-7.65E-02	-2.01E-03	-6.47E-02	0.00E+00	0.00E+00	-2.10E+00	-8.45E-04	-9.31E-05	-5.03E-03	0.00E+00	0.00E+00	-3.14E-09	-1.34E-07	-2.26E-02	-1.72E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-1.52E+00	0.00E+00	2.33E-09	-2.64E-08	-1.60E-03	0.00E+00	-3.76E-01	0.00E+00	-1.52E+00	-4.29E-05	-1.52E+00	-1.75E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NBN306A	-9.33E-03	-8.62E-02	-2.09E-03	-6.94E-02	0.00E+00	0.00E+00	-2.49E+00	-9.04E-04	-1.71E-04	-6.27E-03	0.00E+00	0.00E+00	-3.38E-09	-1.26E-07	-2.36E-02	-2.34E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.56E+00	0.00E+00	1.95E-09	-2.62E-08	-1.72E-03	0.00E+00	-4.59E-01	0.00E+00	-1.56E+00	-4.37E-05	-1.56E+00	-2.05E+00	-4.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NBN306N	-5.66E-03	-1.22E-01	-5.74E-04	-1.23E-01	0.00E+00	0.00E+00	-1.46E+00	-7.60E-04	1.84E-04	-3.27E-03	0.00E+00	0.00E+00	-2.09E-09	-7.82E-08	-1.06E-02	-1.83E+00	0.00E+00	0.00E+00	-1.92E+00	0.00E+00	-6.60E-01	0.00E+00	-1.34E-09	-2.26E-08	-1.45E-03	0.00E+00	-3.36E-01	0.00E+00	-6.60E-01	-2.10E-05	-6.60E-01	-6.44E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-7.62E+01
NBN310	-9.47E-03	-1.19E-01	-2.25E-03	-1.21E-01	0.00E+00	0.00E+00	-2.32E+00	-8.38E-04	-8.35E-05	-5.61E-03	0.00E+00	0.00E+00	-3.52E-09	-1.16E-07	-2.32E-02	-2.23E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-1.83E+00	0.00E+00	9.46E-10	-2.89E-08	-1.90E-03	0.00E+00	-5.01E-01	0.00E+00	-1.83E+00	-4.76E-05	-1.83E+00	-2.18E+00	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NBN310A	-9.49E-03	-1.21E-01	-2.00E-03	-1.25E-01	0.00E+00	0.00E+00	-2.36E+00	-8.43E-04	-1.38E-04	-5.72E-03	0.00E+00	0.00E+00	-3.59E-09	-1.19E-07	-2.38E-02	-2.22E+00	0.00E+00	0.00E+00	-3.13E+00	0.00E+00	-1.78E+00	0.00E+00	7.98E-10	-2.91E-08	-1.91E-03	0.00E+00	-4.99E-01	0.00E+00	-1.78E+00	-4.75E-05	-1.78E+00	-2.23E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NBN310N	-5.29E-03	-1.29E-01	-6.86E-04	-1.40E-01	0.00E+00	0.00E+00	-1.55E+00	-8.41E-04	2.12E-04	-3.71E-03	0.00E+00	0.00E+00	-2.32E-09	-6.97E-08	-1.21E-02	-1.89E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-9.28E-01	0.00E+00	-2.27E-09	-2.67E-08	-1.68E-03	0.00E+00	-3.67E-01	0.00E+00	-9.28E-01	-1.87E-05	-9.28E-01	-9.11E-01	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	-9.06E+01
NBN313	-9.48E-03	-1.28E-01	-2.28E-03	-1.23E-01	0.00E+00	0.00E+00	-2.39E+00	-8.37E-04	-5.50E-05	-5.37E-03	0.00E+00	0.00E+00	-3.59E-09	-1.20E-07	-2.33E-02	-2.24E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-1.93E+00	0.00E+00	8.24E-10	-2.95E-08	-1.95E-03	0.00E+00	-4.96E-01	0.00E+00	-1.93E+00	-4.77E-05	-1.93E+00	-2.25E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NBN316	1.58E-03	3.27E-01	9.92E-03	3.17E-01	0.00E+00	0.00E+00	2.27E+00	-4.12E-05	1.09E-03	2.67E-03	0.00E+00	0.00E+00	-6.02E-12	8.56E-09	-1.70E-02	3.54E-01	0.00E+00	0.00E+00	1.06E+00	0.00E+00	2.37E+00	0.00E+00	2.44E-08	6.19E-09	6.02E-04	0.00E+00	7.55E-02	0.00E+00	2.37E+00	-1.24E-06	2.37E+00	2.44E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	3.66E+01
NBN316A	-2.43E-02	-4.92E-01	-7.30E-03	-4.84E-01	0.00E+00	0.00E+00	-4.41E+00	-1.48E-03	-9.29E-04	-1.16E-02	0.00E+00	0.00E+00	-4.64E-09	-1.72E-07	-3.93E-02	-3.22E+00	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-4.93E+00	0.00E+00	-2.12E-08	-5.57E-08	-3.89E-03	0.00E+00	-9.35E-01	0.00E+00	-4.93E+00	-4.57E-05	-4.93E+00	-5.86E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
NBN316N	-5.57E-03	-1.41E-01	-5.82E-04	-1.46E-01	0.00E+00	0.00E+00	-1.69E+00	-8.28E-04	3.24E-04	-4.79E-03	0.00E+00	0.00E+00	-2.40E-09	-6.76E-08	-1.19E-02	-1.90E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-1.11E+00	0.00E+00	-2.24E-09	-2.68E-08	-1.83E-03	0.00E+00	-4.37E-01	0.00E+00	-1.11E+00	-1.94E-05	-1.11E+00	-1.13E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NBN320	-1.04E-02	-1.15E-01	-2.13E-03	-1.20E-01	0.00E+00	0.00E+00	-3.10E+00	-1.14E-03	-2.01E-04	-7.75E-03	0.00E+00	0.00E+00	-4.27E-09	-1.04E-07	-2.53E-02	-2.24E+00	0.00E+00	0.00E+00	-3.65E+00	0.00E+00	-2.08E+00	0.00E+00	1.47E-09	-3.13E-08	-2.17E-03	0.00E+00	-4.93E-01	0.00E+00	-2.08E+00	-5.22E-05	-2.08E+00	-2.47E+00	-4.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
NBN320A	-2.57E-02	-1.63E-01	-5.42E-03	-1.58E-01	0.00E+00	0.00E+00	-6.39E+00	-2.57E-03	-1.13E-03	-1.44E-02	0.00E+00	0.00E+00	-5.39E-09	-2.98E-07	-2.69E-03	-2.77E+00	0.00E+00	0.00E+00	-6.22E+00	0.00E+00	-3.38E+00	0.00E+00	-1.08E-08	-6.23E-08	-4.68E-03	0.00E+00	-6.69E-01	0.00E+00	-3.38E+00	-7.64E-05	-3.38E+00	-4.05E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
NBN320N	-8.98E-03	-1.10E-01	-4.70E-04	-9.82E-02	0.00E+00	0.00E+00	-2.94E+00	-1.23E-03	1.31E-03	-8.22E-03	0.00E+00	0.00E+00	-2.55E-09	-1.06E-07	-1.16E-02	-4.25E+00	0.00E+00	0.00E+00	-2.93E+00	0.00E+00	-7.37E-01	0.00E+00	-1.95E-09	-2.88E-08	-2.55E-03	0.00E+00	-7.66E-01	0.00E+00	-7.37E-01	-3.15E-05	-7.37E-01	-7.08E-01	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NBN325	-1.93E-02	-7.44E-02	-3.64E-03	-7.41E-02	0.00E+00	0.00E+00	-3.53E+00	-1.69E-03	-4.37E-04	-1.02E-02	0.00E+00	0.00E+00	-4.46E-09	-2.22E-07	-1.98E-02	-2.30E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.73E+00	0.00E+00	1.83E-09	-4.00E-08	-3.82E-03	0.00E+00	-5.46E-01	0.00E+00	-1.73E+00	-6.39E-05	-1.73E+00	-2.05E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NBN325A	-1.92E-02	-7.70E-02	-3.64E-03	-8.02E-02	0.00E+00	0.00E+00	-3.55E+00	-1.74E-03	-4.38E-04	-1.02E-02	0.00E+00	0.00E+00	-4.43E-09	-2.16E-07	-1.98E-02	-2.34E+00	0.00E+00	0.00E+00	-3.29E+00	0.00E+00	-1.79E+00	0.00E+00	1.83E-09	-4.05E-08	-3.84E-03	0.00E+00	-5.46E-01	0.00E+00	-1.79E+00	-6.45E-05	-1.79E+00	-2.05E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NBN325N	-1.35E-02	-9.02E-02	-5.26E-04	-7.27E-02	0.00E+00	0.00E+00	-3.28E+00	-1.59E-03	1.31E-03	-1.16E-02	0.00E+00	0.00E+00	-3.17E-09	-1.75E-07	-1.20E-02	-4.46E+00	0.00E+00	0.00E+00	-2.54E+00	0.00E+00	-7.22E-01	0.00E+00	-2.37E-09	-3.43E-08	-3.07E-03	0.00E+00	-8.28E-01	0.00E+00	-7.22E-01	-5.40E-05	-7.22E-01	-1.01E+00	-8.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NBN332	-1.37E-02	2.07E-02	-4.62E-03	4.09E-02	0.00E+00	0.00E+00	-2.26E+00	-1.50E-03	-1.09E-03	-7.26E-03	0.00E+00	0.00E+00	-4.97E-09	-3.45E-07	-5.34E-03	-1.74E+00	0.00E+00	0.00E+00	-2.60E+00	0.00E+00	-7.21E-01	0.00E+00	1.08E-10	-2.35E-08	-4.30E-03	0.00E+00	-3.55E-01	0.00E+00	-7.21E-01	-8.60E-05	-7.21E-01	-1.32E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NBN332A	2.31E-03	1.48E-01	6.83E-03	1.41E-01	0.00E+00	0.00E+00	9.42E-01	-6.92E-05	2.20E-03	9.82E-04	0.00E+00	0.00E+00	-1.92E-09	1.70E-08	-2.42E-02	-6.82E-01	0.00E+00	0.00E+00	-7.67E-01	0.00E+00	-3.43E-01	0.00E+00	1.12E-08	-9.92E-09	-1.76E-04	0.00E+00	-2.53E-01	0.00E+00	-3.43E-01	-4.03E-06	-3.43E-01	-5.97E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
NBN332N	-8.03E-03	-4.11E-02	-1.58E-03	-2.82E-02	0.00E+00	0.00E+00	-2.20E+00	-1.40E-03	1.76E-03	-1.08E-02	0.00E+00	0.00E+00	-2.51E-09	-1.95E-07	-1.48E-02	-4.49E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-5.28E-01	0.00E+00	-3.35E-10	-2.40E-08	-1.96E-03	0.00E+00	-8.04E-01	0.00E+00	-5.28E-01	-5.22E-05	-5.28E-01	-1.14E+00	-8.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
NBN340	-1.35E-02	-1.37E-02	-4.47E-03	-2.73E-02	0.00E+00	0.00E+00	-2.88E+00	-1.79E-03	-9.51E-04	-9.81E-03	0.00E+00	0.00E+00	-4.26E-09	-2.77E-07	-7.75E-04	-2.53E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-5.61E-01	0.00E+00	3.58E-09	-3.22E-08	-4.01E-03	0.00E+00	-3.91E-01	0.00E+00	-5.61E-01	-7.05E-05	-5.61E-01	-1.13E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NBN340A	-1.47E-02	-3.00E-02	-4.47E-03	-1.46E-02	0.00E+00	0.00E+00	-3.33E+00	-1.89E-03	-9.78E-04	-9.81E-03	0.00E+00	0.00E+00	-4.05E-09	-2.76E-07	-6.90E-04	-2.07E+00	0.00E+00	0.00E+00	-3.38E+00	0.00E+00	-1.20E+00	0.00E+00	2.93E-09	-3.20E-08	-3.96E-03	0.00E+00	-4.05E-01	0.00E+00	-1.20E+00	-7.18E-05	-1.20E+00	-1.72E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NBN340N	-7.07E-03	-1.11E-02	-4.41E-04	4.05E-03	0.00E+00	0.00E+00	-6.33E-01	-1.29E-03	1.84E-03	-1.53E-02	0.00E+00	0.00E+00	-3.12E-09	-2.34E-07	-1.67E-02	-4.46E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-3.72E-01	0.00E+00	2.19E-10	-2.50E-08	-2.39E-03	0.00E+00	-8.77E-01	0.00E+00	-3.72E-01	-5.99E-05	-3.72E-01	-8.05E-01	-8.77E-01	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
NBN350	-1.98E-02	2.36E-02	-5.16E-03	-5.23E-02	0.00E+00	0.00E+00	-5.51E+00	-3.05E-03	-1.37E-03	-1.73E-02	0.00E+00	0.00E+00	-5.83E-09	-4.01E-07	1.27E-03	-2.17E+00	0.00E+00	0.00E+00	-4.56E+00	0.00E+00	-4.79E-01	0.00E+00	4.52E-09	-3.28E-08	-4.42E-03	0.00E+00	-5.95E-01	0.00E+00	-4.79E-01	-1.07E-04	-4.79E-01	-1.00E+00	-5.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NBN350A	-2.34E-02	4.00E-03	-5.51E-03	-5.87E-02	0.00E+00	0.00E+00	-6.79E+00	-3.69E-03	-1.41E-03	-1.76E-02	0.00E+00	0.00E+00	-5.82E-09	-4.09E-07	9.81E-04	-2.27E+00	0.00E+00	0.00E+00	-5.28E+00	0.00E+00	-1.34E+00	0.00E+00	3.87E-09	-3.35E-08	-4.62E-03	0.00E+00	-6.35E-01	0.00E+00	-1.34E+00	-1.07E-04	-1.34E+00	-1.96E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.36E+02

NBN350N	-6.79E-03	2.48E-02	-8.94E-05	-3.80E-03	0.00E+00	0.00E+00	-1.25E+00	-9.50E-04	1.07E-03	-1.16E-02	0.00E+00	0.00E+00	-2.39E-09	-1.78E-07	-1.24E-02	-1.79E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	7.02E-02	0.00E+00	3.08E-09	-1.48E-08	-1.24E-03	0.00E+00	-4.17E-01	0.00E+00	7.02E-02	-5.67E-05	7.02E-02	-4.82E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E+01
NBN363	-2.14E-02	4.92E-03	-5.04E-03	-9.65E-02	0.00E+00	0.00E+00	-6.66E+00	-3.02E-03	-1.43E-03	-1.93E-02	0.00E+00	0.00E+00	-5.99E-09	-4.28E-07	8.56E-04	-2.29E+00	0.00E+00	0.00E+00	-5.38E+00	0.00E+00	-1.41E+00	0.00E+00	4.29E-09	-4.23E-08	-4.70E-03	0.00E+00	-6.50E-01	0.00E+00	-1.41E+00	-1.07E-04	-1.41E+00	-2.26E+00	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NBN363A	-4.59E-02	7.80E-02	-1.58E-03	7.96E-02	0.00E+00	0.00E+00	-9.51E+00	-4.69E-03	-1.74E-03	-2.29E-02	0.00E+00	0.00E+00	-5.39E-09	-5.44E-07	-2.76E-02	-4.12E+00	0.00E+00	0.00E+00	-7.91E+00	0.00E+00	-1.24E+00	0.00E+00	4.47E-09	-7.83E-08	-6.65E-03	0.00E+00	-9.23E-01	0.00E+00	-1.24E+00	-1.35E-04	-1.24E+00	-2.17E+00	-9.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+02
NBN363N	-7.27E-03	4.00E-02	1.66E-04	-4.15E-02	0.00E+00	0.00E+00	-4.34E+00	-1.45E-03	1.23E-03	-1.04E-02	0.00E+00	0.00E+00	-2.80E-09	-1.62E-07	-9.91E-03	-1.88E+00	0.00E+00	0.00E+00	-3.66E+00	0.00E+00	-3.18E-01	0.00E+00	1.51E-09	-1.77E-08	-1.60E-03	0.00E+00	-4.75E-01	0.00E+00	-3.18E-01	-5.32E-05	-3.18E-01	-9.79E-01	-4.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NBN406	-1.56E-02	-2.12E-01	-5.28E-03	-5.88E-02	0.00E+00	0.00E+00	-3.09E+00	-1.51E-03	-3.23E-04	-8.40E-03	0.00E+00	0.00E+00	-3.77E-09	-1.70E-07	-7.51E-03	-3.23E+00	0.00E+00	0.00E+00	-4.00E+00	0.00E+00	-2.15E+00	0.00E+00	-1.97E-09	-4.38E-08	-3.08E-03	0.00E+00	-6.70E-01	0.00E+00	-2.15E+00	-5.15E-05	-2.15E+00	-2.77E+00	-6.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
NBN406A	-1.56E-02	-1.98E-01	-5.03E-03	-4.64E-02	0.00E+00	0.00E+00	-3.05E+00	-1.60E-03	-3.18E-04	-8.87E-03	0.00E+00	0.00E+00	-3.58E-09	-1.68E-07	-7.14E-03	-2.38E+00	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-2.14E+00	0.00E+00	-2.01E-09	-4.37E-08	-3.08E-03	0.00E+00	-5.35E-01	0.00E+00	-2.14E+00	-5.19E-05	-2.14E+00	-2.73E+00	-5.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NBN406N	-7.11E-03	-1.59E-01	-2.39E-03	-1.43E-01	0.00E+00	0.00E+00	-1.96E+00	-9.49E-04	4.55E-05	-8.37E-03	0.00E+00	0.00E+00	-2.83E-09	-1.31E-07	-7.07E-03	-1.97E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-1.01E+00	0.00E+00	-3.73E-09	-2.72E-08	-2.47E-03	0.00E+00	-4.26E-01	0.00E+00	-1.01E+00	-2.75E-05	-1.01E+00	-1.39E+00	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
NBN410	-1.88E-02	-2.47E-01	-4.22E-03	-9.23E-02	0.00E+00	0.00E+00	-3.40E+00	-1.53E-03	-3.14E-04	-1.12E-02	0.00E+00	0.00E+00	-3.98E-09	-1.84E-07	-7.01E-03	-3.30E+00	0.00E+00	0.00E+00	-4.20E+00	0.00E+00	-2.72E+00	0.00E+00	-1.89E-09	-4.83E-08	-3.56E-03	0.00E+00	-6.77E-01	0.00E+00	-2.72E+00	-6.10E-05	-2.72E+00	-3.03E+00	-6.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
NBN410A	-1.88E-02	-2.63E-01	-4.68E-03	-9.64E-02	0.00E+00	0.00E+00	-3.54E+00	-1.62E-03	-3.13E-04	-1.14E-02	0.00E+00	0.00E+00	-4.05E-09	-2.02E-07	-8.46E-03	-3.62E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-2.82E+00	0.00E+00	-4.90E-09	-5.58E-08	-3.88E-03	0.00E+00	-7.28E-01	0.00E+00	-2.82E+00	-6.18E-05	-2.82E+00	-3.14E+00	-7.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NBN410N	-5.98E-03	-1.85E-01	-1.99E-03	-1.75E-01	0.00E+00	0.00E+00	-1.74E+00	-7.43E-04	1.77E-04	-9.11E-03	0.00E+00	0.00E+00	-3.04E-09	-1.07E-07	-7.38E-03	-1.78E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-1.64E+00	0.00E+00	-4.91E-09	-2.34E-08	-2.60E-03	0.00E+00	-4.14E-01	0.00E+00	-1.64E+00	-2.39E-05	-1.64E+00	-1.96E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NBN413	-2.12E-02	-2.49E-01	-4.66E-03	-9.68E-02	0.00E+00	0.00E+00	-3.59E+00	-1.76E-03	-4.84E-04	-1.08E-02	0.00E+00	0.00E+00	-4.02E-09	-2.09E-07	-7.09E-03	-3.40E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-2.56E+00	0.00E+00	-1.84E-09	-5.39E-08	-4.12E-03	0.00E+00	-7.22E-01	0.00E+00	-2.56E+00	-6.57E-05	-2.56E+00	-2.85E+00	-7.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
NBN416	-2.30E-02	-1.75E-01	-6.33E-03	-7.91E-02	0.00E+00	0.00E+00	-3.29E+00	-1.81E-03	-4.17E-04	-1.08E-02	0.00E+00	0.00E+00	-4.03E-09	-2.22E-07	-5.39E-03	-2.83E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-2.05E+00	0.00E+00	-2.07E-09	-6.08E-08	-5.06E-03	0.00E+00	-8.14E-01	0.00E+00	-2.05E+00	-6.73E-05	-2.05E+00	-2.29E+00	-8.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
NBN416A	-2.35E-02	-1.77E-01	-6.33E-03	-7.45E-02	0.00E+00	0.00E+00	-3.34E+00	-1.92E-03	-4.35E-04	-1.07E-02	0.00E+00	0.00E+00	-4.03E-09	-2.31E-07	-5.34E-03	-2.86E+00	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-2.06E+00	0.00E+00	-2.30E-09	-6.14E-08	-5.18E-03	0.00E+00	-8.25E-01	0.00E+00	-2.06E+00	-7.01E-05	-2.06E+00	-2.28E+00	-8.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
NBN416N	-9.67E-03	-1.64E-01	-2.32E-03	-1.41E-01	0.00E+00	0.00E+00	-2.59E+00	-1.34E-03	2.66E-04	-1.19E-02	0.00E+00	0.00E+00	-3.02E-09	-1.77E-07	-9.12E-03	-1.88E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	-1.06E+00	0.00E+00	-3.80E-09	-2.64E-08	-3.16E-03	0.00E+00	-4.50E-01	0.00E+00	-1.06E+00	-3.57E-05	-1.06E+00	-1.47E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NBN420	-2.45E-02	-2.49E-01	-6.43E-03	-7.79E-02	0.00E+00	0.00E+00	-5.45E+00	-1.91E-03	-6.18E-04	-1.40E-02	0.00E+00	0.00E+00	-4.22E-09	-2.82E-07	-7.18E-03	-3.67E+00	0.00E+00	0.00E+00	-5.53E+00	0.00E+00	-2.73E+00	0.00E+00	-8.36E-09	-7.11E-08	-5.64E-03	0.00E+00	-8.80E-01	0.00E+00	-2.73E+00	-7.47E-05	-2.73E+00	-3.29E+00	-8.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
NBN420A	-2.45E-02	-2.52E-01	-6.49E-03	-7.79E-02	0.00E+00	0.00E+00	-5.49E+00	-2.02E-03	-7.44E-04	-1.43E-02	0.00E+00	0.00E+00	-4.22E-09	-2.79E-07	-6.85E-03	-3.74E+00	0.00E+00	0.00E+00	-5.54E+00	0.00E+00	-2.73E+00	0.00E+00	-8.59E-09	-7.16E-08	-5.70E-03	0.00E+00	-8.89E-01	0.00E+00	-2.73E+00	-7.59E-05	-2.73E+00	-3.29E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
NBN420N	-7.48E-03	-1.21E-01	-2.48E-03	-7.69E-02	0.00E+00	0.00E+00	-2.37E+00	-1.31E-03	1.58E-03	-1.14E-02	0.00E+00	0.00E+00	-3.12E-09	-1.77E-07	-8.56E-03	-4.11E+00	0.00E+00	0.00E+00	-2.26E+00	0.00E+00	-6.57E-01	0.00E+00	-2.58E-09	-2.60E-08	-3.22E-03	0.00E+00	-7.99E-01	0.00E+00	-6.57E-01	-3.43E-05	-6.57E-01	-1.12E+00	-7.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.61E+01
NBN425	-3.04E-02	-1.26E-01	-6.44E-03	-7.70E-02	0.00E+00	0.00E+00	-3.17E+00	-2.69E-03	8.60E-05	-1.01E-02	0.00E+00	0.00E+00	-4.95E-09	-1.78E-07	-4.38E-04	-2.64E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-1.74E+00	0.00E+00	-6.87E-09	-6.82E-08	-5.02E-03	0.00E+00	-9.74E-01	0.00E+00	-1.74E+00	-4.85E-05	-1.74E+00	-2.35E+00	-9.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
NBN425A	-3.07E-02	-1.27E-01	-6.49E-03	-7.37E-02	0.00E+00	0.00E+00	-3.27E+00	-2.85E-03	8.35E-05	-1.01E-02	0.00E+00	0.00E+00	-4.95E-09	-1.78E-07	-3.90E-04	-2.63E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.74E+00	0.00E+00	-7.26E-09	-6.93E-08	-5.16E-03	0.00E+00	-9.91E-01	0.00E+00	-1.74E+00	-4.86E-05	-1.74E+00	-2.32E+00	-9.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NBN425N	-4.57E-03	-6.59E-02	-3.41E-03	-6.67E-02	0.00E+00	0.00E+00	-4.08E-01	-7.56E-04	1.79E-03	-1.09E-02	0.00E+00	0.00E+00	-3.32E-09	-1.34E-07	-1.06E-02	-4.29E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-5.29E-01	0.00E+00	-4.55E-09	-2.95E-08	-2.29E-03	0.00E+00	-8.94E-01	0.00E+00	-5.29E-01	-4.59E-05	-5.29E-01	-9.77E-01	-8.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
NBN432	-3.62E-02	-8.48E-02	-6.24E-03	-1.05E-01	0.00E+00	0.00E+00	-7.11E+00	-3.40E-03	7.99E-04	-1.87E-02	0.00E+00	0.00E+00	-5.83E-09	-2.87E-07	-7.92E-04	-3.29E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-2.34E+00	0.00E+00	-9.91E-09	-6.40E-08	-4.98E-03	0.00E+00	-1.03E+00	0.00E+00	-2.34E+00	-8.39E-05	-2.34E+00	-3.05E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NBN432A	-3.66E-02	-8.56E-02	-6.59E-03	-8.70E-02	0.00E+00	0.00E+00	-7.20E+00	-3.49E-03	-4.37E-04	-1.86E-02	0.00E+00	0.00E+00	-6.04E-09	-2.87E-07	-8.76E-04	-2.59E+00	0.00E+00	0.00E+00	-6.55E+00	0.00E+00	-2.37E+00	0.00E+00	-1.00E-08	-6.40E-08	-5.10E-03	0.00E+00	-1.02E+00	0.00E+00	-2.37E+00	-8.61E-05	-2.37E+00	-3.05E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
NBN432N	-4.62E-03	-1.97E-02	-4.21E-03	-3.32E-02	0.00E+00	0.00E+00	-9.88E-01	-7.58E-04	1.93E-03	-1.04E-02	0.00E+00	0.00E+00	-3.15E-09	-1.59E-07	-1.25E-02	-4.29E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-7.83E-01	0.00E+00	-7.58E-09	-2.66E-08	-2.20E-03	0.00E+00	-9.73E-01	0.00E+00	-7.83E-01	-5.46E-05	-7.83E-01	-1.25E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.51E+01
NBN440	-3.63E-02	-1.17E-01	-6.68E-03	-1.11E-01	0.00E+00	0.00E+00	-6.93E+00	-3.78E-03	1.18E-03	-1.91E-02	0.00E+00	0.00E+00	-5.67E-09	-3.14E-07	-1.42E-03	-4.17E+00	0.00E+00	0.00E+00	-6.38E+00	0.00E+00	-2.28E+00	0.00E+00	-9.50E-09	-6.42E-08	-5.08E-03	0.00E+00	-1.07E+00	0.00E+00	-2.28E+00	-8.19E-05	-2.28E+00	-3.11E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
NBN440A	-3.47E-02	-1.40E-01	-7.05E-03	-1.15E-01	0.00E+00	0.00E+00	-8.20E+00	-3.87E-03	1.18E-03	-1.94E-02	0.00E+00	0.00E+00	-6.87E-09	-2.95E-07	-2.58E-03	-4.29E+00	0.00E+00	0.00E+00	-7.72E+00	0.00E+00	-2.68E+00	0.00E+00	-9.80E-09	-6.33E-08	-5.07E-03	0.00E+00	-1.06E+00	0.00E+00	-2.68E+00	-8.18E-05	-2.68E+00	-3.57E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
NBN440N	-6.41E-03	-8.72E-03	-2.10E-03	-3.57E-02	0.00E+00	0.00E+00	-9.88E-01	-8.81E-04	1.91E-03	-1.64E-02	0.00E+00	0.00E+00	-3.49E-09	-3.29E-07	-1.34E-02	-4.59E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-6.34E-02	0.00E+00	-6.62E-09	-3.40E-08	-2.81E-03	0.00E+00	-1.03E+00	0.00E+00	-6.34E-02	-6.11E-05	-6.34E-02	-2.78E-01	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-8.59E+01
NBN450	-3.57E-02	-1.49E-01	-6.75E-03	-1.59E-01	0.00E+00	0.00E+00	-9.14E+00	-4.07E-03	7.68E-04	-2.30E-02	0.00E+00	0.00E+00	-7.18E-09	-3.79E-07	-4.40E-03	-4.40E+00	0.00E+00	0.00E+00	-8.02E+00	0.00E+00	-3.40E+00	0.00E+00	-9.52E-09	-7.18E-08	-5.31E-03	0.00E+00	-1.12E+00	0.00E+00	-3.40E+00	-8.71E-05	-3.40E+00	-4.38E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
NBN450A	-3.56E-02	-1.51E-01	-6.75E-03	-1.59E-01	0.00E+00	0.00E+00	-9.17E+00	-4.16E-03	7.68E-04	-2.29E-02	0.00E+00	0.00E+00	-7.18E-09	-3.75E-07	-4.45E-03	-4.45E+00	0.00E+00	0.00E+00	-8.03E+00	0.00E+00	-3.40E+00	0.00E+00	-9.75E-09	-7.22E-08	-5.34E-03	0.00E+00	-1.12E+00	0.00E+00	-3.40E+00	-8.70E-05	-3.40E+00	-4.39E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
NBN450N	-8.67E-03	3.29E-02	-1.86E-03	-7.20E-02	0.00E+00	0.00E+00	-4.41E+00	-1.15E-03	9.70E-04	-1.42E-02	0.00E+00	0.00E+00	-3.42E-09	-2.54E-07	-7.60E-03	-1.77E+00	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-4.10E-01	0.00E+00	-5.54E-09	-2.91E-08	-1.88E-03	0.00E+00	-6.38E-01	0.00E+00	-4.10E-01	-6.29E-05	-4.10E-01	-8.90E-01	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
NBN463	-3.42E-02	-1.54E-01	-6.67E-03	-1.62E-01	0.00E+00	0.00E+00	-8.85E+00	-4.09E-03	8.81E-04	-2.35E-02	0.00E+00	0.00E+00	-7.14E-09	-3.97E-07	-2.20E-03	-4.24E+00	0.00E+00	0.00E+00	-7.78E+00	0.00E+00	-2.84E+00	0.00E+00	-9.52E-09	-7.34E-08	-5.44E-03	0.00E+00	-1.11E+00	0.00E+00	-2.84E+00	-7.53E-05	-2.84E+00	-3.99E+00	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+02
NBN463A	-3.37E-02	-1.56E-01	-6.67E-03	-1.39E-01	0.00E+00	0.00E+00	-8.87E+00	-4.18E-03	8.81E-04	-2.35E-02	0.00E+00	0.00E+00	-7.14E-09	-3.93E-07	-2.25E-03	-3.44E+00	0.00E+00	0.00E+00	-7.74E+00	0.00E+00	-2.84E+00	0.00E+00	-9.75E-09	-7.36E-08	-5.44E-03	0.00E+00	-1.04E+00	0.00E+00	-2.84E+00	-7.20E-05	-2.84E+00	-3.99E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.29E+02
NBN463N	-6.44E-03	6.03E-02	-1.42E-03	-7.04E-02	0.00E+00	0.00E+00	-4.49E+00	-1.09E-03	1.18E-03	-1.23E-02	0.00E+00	0.00E+00	-3.19E-09	-2.74E-07	-2.29E-03	-1.74E+00	0.00E+00	0.00E+00	-3.76E+00	0.00E+00	3.00E-01	0.00E+00	-5.53E-09	-3.06E-08	-1.98E-03	0.00E+00	-5.32E-01	0.00E+00	3.00E-01	-5.24E-05	3.00E-01	-4.00E-01	-5.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
NBN506	-5.30E-03	-7.42E-03	7.72E-04	1.10E-02	0.00E+00	0.00E+00	-1.54E+00	-4.82E-04	-2.35E-04	-2.64E-03	0.00E+00	0.00E+00	-2.09E-09	-1.18E-07	-5.17E-03	-1.05E+00	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-2.64E-01	0.00E+00	3.81E-09	-1.21E-08	-6.39E-04	0.00E+00	-1.93E-01	0.00E+00	-2.64E-01	-3.30E-05	-2.64E-01	-4.77E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-6.52E+01
NBN510	-5.64E-03	-1.16E-02	9.60E-04	-5.99E-03	0.00E+00	0.00E+00	-1.60E+00	-5.26E-04	-2.33E-04	-3.01E-03	0.00E+00	0.00E+00	-2.18E-09	-1.21E-07	-4.88E-03	-2.20E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-2.24E-01	0.00E+00	4.14E-09	-1.36E-08	-7.71E-04	0.00E+00	-3.13E-01	0.00E+00	-2.24E-01	-3.49E-05	-2.24E-01	-6.42E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.90E+01
NBN513	-5.73E-03	-1.88E-02	9.04E-04	-1.66E-02	0.00E+00	0.00E+00	-1.82E+00	-5.42E-04	-2.47E-04	-3.81E-03	0.00E+00	0.00E+00	-2.34E-09	-1.32E-07	-5.50E-03	-1.85E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-2.97E-01	0.00E+00	3.71E-09	-1.53E-08	-8.85E-04	0.00E+00	-3.14E-01	0.00E+00	-2.97E-01	-3.88E-05	-2.97E-01	-8.87E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-8.38E+01
NBN516	-9.91E-03	-2.44E-01	-3.28E-03	-2.41E-01	0.00E+00	0.00E+00	-2.53E+00	-9.56E-04	-5.28E-04	-6.81E-03	0.00E+00	0.00E+00	-2.76E-09	-1.10E-07	-2.45E-03	-2.00E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-2.27E+00	0.00E+00	-9.70E-09	-3.11E-08	-2.27E-03	0.00E+00	-4.34E-01	0.00E+00	-2.27E+00	-2.92E-05	-2.27E+00	-2.70E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NBN520	-6.03E-03	-1.38E-02	9.91E-04	-1.63E-03	0.00E+00	0.00E+00	-2.07E+00	-5.99E-04	-3.35E-04	-3.74E-03	0.00E+00	0.00E+00	-2.45E-09	-1.51E-07	-4.17E-03	-1.84E+00	0.00E+00	0.00E+00	-2.17E+00	0.00E+00	-4.71E-01	0.00E+00	3.73E-09	-1.67E-08	-9.10E-04	0.00E+00	-2.80E-01	0.00E+00	-4.71E-01	-4.41E-05	-4.71E-01	-9.74E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-9.42E+01
NBN525	-4.89E-03	3.01E-04	1.36E-03	-1.63E-02	0.00E+00	0.00E+00	-2.04E+00	-4.29E-04	-1.05E-04	-2.78E-03	0.00E+00	0.00E+00	-2.37E-09	-1.42E-07	-4.36E-03	-1.98E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-5.02E-01	0.00E+00	3.35E-09	-1.53E-08	-7.51E-04	0.00E+00	-3.16E-01	0.00E+00	-5.02E-01	-4.54E-05	-5.02E-01	-9.32E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-9.90E+01
NBN532	-3.98E-03	1.12E-02	1.58E-03	1.66E-02	0.00E+00	0.00E+00	-2.15E+00	-3.84E-04	-6.38E-05	-2.44E-03	0.00E+00	0.00E+00	-2.14E-09	-1.40E-07	-4.34E-03	-1.03E+00	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-2.24E-01	0.00E+00	4.46E-09	-1.36E-08	-6.28E-04	0.00E+00	-1.99E-01	0.00E+00	-2.24E-01	-4.75E-05	-2.24E-01	-6.13E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.37E+01
NBN540	-8.11E-03	-6.60E-03	4.44E-04	1.23E-03	0.00E+00	0.00E+00	-2.62E+00	-6.24E-04	-3.24E-04	-3.67E-03	0.00E+00	0.00E+00	-2.45E-09	-1.97E-07	-2.38E-03	-1.47E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-4.09E-01	0.00E+00	3.92E-09	-2.02E-08	-1.06E-03	0.00E+00	-3.13E-01	0.00E+00	-4.09E-01	-5.38E-05	-4.09E-01	-6.42E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NBN550	-1.08E-02	3.54E-02	-7.63E-04	4.04E-02	0.00E+00	0.00E+00	-3.09E+00	-1.02E-03	-2.76E-04	-5.93E-03	0.00E+00	0.00E+00	-2.63E-09	-2.14E-07	-3.28E-03	-1.46E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-3.10E-01	0.00E+00	4.49E-09	-2.30E-08	-1.82E-03	0.00E+00	-2.69E-01	0.00E+00	-3.10E-01	-5.70E-05	-3.10E-01	-7.65E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NBN563	-1.62E-02	3.73E-02	-1.40E-03	-4.20E-04	0.00E+00	0.00E+00	-4.34E+00	-1.91E-03	-1.80E-04	-8.67E-03	0.00E+00	0.00E+00	-3.91E-09	-3.04E-07	-2.65E-03	-1.38E+00	0.00E+00	0.00E+00	-3.60E+00	0.00E+00	-4.36E-01	0.00E+00	4.48E-09	-2.89E-08	-3.00E-03	0.00E+00	-3.98E-01	0.00E+00	-4.36E-01	-8.48E-05	-4.36E-01	-7.67E-01	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
NBN606	2.82E-03	6.30E-01	1.45E-02	6.16E-01	0.00E+00	0.00E+00	3.51E+00	6.13E-06	1.24E-03	5.48E-03	0.00E+00	0.00E+00	4.00E-10	1.52E-08	2.35E-02	4.99E-01	0.00E+00	0.00E+00	2.30E+00	0.00E+00	4.79E+00	0.00E+00	3.95E-08	1.81E-08	1.41E-03	0.00E+00	3.81E-01	0.00E+00	4.79E+00	6.24E-07	4.79E+00	5.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.91E+01
NBN610	-1.66E-02	-4.22E-01	-5.62E-03	-4.16E-01	0.00E+00	0.00E+00	-4.27E+00	-1.59E-03	-9.15E-04	-1.15E-02	0.00E+00	0.00E+00	-5.12E-09	-1.84E-07	-3.71E-03	-3.58E+00	0.00E+00	0.00E+00	-5.06E+00	0.00E+00	-4.14E+00	0.00E+00	-1.66E-08	-5.56E-08	-3.96E-03	0.00E+00	-7.83E-01	0.00E+00	-4.14E+00	-4.94E-05	-4.14E+00	-4.92E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
NBN613	-1.83E-02	-1.34E-01	-4.69E-03	-5.86E-02	0.00E+00	0.00E+00	-3.08E+00	-1.46E-03	-4.34E-04	-9.70E-03	0.00E+00	0.00E+00	-4.12E-09	-2.25E-07	-2.95E-03	-3.18E+00	0.00E+00	0.00E+00	-3.63E+00	0.00E+00	-2.08E+00	0.00E+00	-1.32E-09	-4.56E-08	-4.03E-03	0.00E+00	-5.38E-01	0.00E+00	-2.08E+00	-6.05E-05	-2.08E+00	-2.14E+00	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NBN616	-1.79E-02	-1.91E-02	4.25E-03	-2.34E-02	0.00E+00	0.00E+00	-2.21E+00	-1.86E-03	-6.99E-04	-9.17E-03	0.00E+00	0.00E+00	-2.38E-09	-2.12E-07	1.03E-02	-3.51E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	7.12E-01	0.00E+00	1.06E-08	-3.11E-08	-2.76E-03	0.00E+00	-4.44E-01	0.00E+00	7.12E-01	-5.39E-05	7.12E-01	2.68E-01	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NBN620	1.14E-03	-2.76E-01	3.65E-03	-2.79E-01	0.00E+00	0.00E+00	9.25E-02	-1.23E-04	1.88E-03	-2.70E-03	0.00E+00	0.00E+00	-3.17E-09	1.14E-08	2.39E-03	-1.70E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-2.31E+00	0.00E+00	-4.52E-09	-2.46E-08	-1.41E-03	0.00E+00	-2.88E-01	0.00E+00	-2.31E+00	-6.60E-06	-2.31E+00	-2.60E+00	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
NBN625	-3.50E-02	-3.46E-01	-1.00E-02	-3.36E-01	0.00E+00	0.00E+00	-9.20E+00	-3.44E-03	-1.61E-03	-2.04E-02	0.00E+00	0.00E+00	-7.85E-09	-4.00E-07	-4.97E-02	-4.20E+00	0.00E+00	0.00E+00	-9.74E+00	0.00E+00	-6.36E+00	0.00E+00	-2.16E-08	-9.38E-08	-6.75E-03	0.00E+00	-1.30E+00	0.00E+00	-6.36E+00	-1.03E-04	-6.36E+00	-7.65E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
NBN632	-4.64E-02	-7.00E-01	-1.26E-02	-6.87E-01	0.00E+00	0.00E+00	-1.19E+01	-4.56E-03	-2.26E-03	-2.87E-02	0.00E+00	0.00E+00	-8.62E-09	-5.30E-07	-1.22E-02	-6.41E+00	0.00E+00	0.00E+00	-1.05E+01	0.00E+00	-7.00E+00	0.00E+00	-3.35E-08	-1.12E-07	-8.86E-03	0.00E+00	-1.40E+00	0.00E+00	-7.00E+00	-1.34E-04	-7.00E+00	-8.39E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-4.49E+02
NBN640	-6.14E-02	-7.20E-01	-1.46E-02	-7.05E-01	0.00E+00	0.00E+00	-1.51E+01	-6.07E-03	-2.86E-03	-3.64E-02	0.00E+00	0.00E+00	-9.93E-09	-7.07E-07	-1.28E-02	-8.16E+00	0.00E+00	0.00E+00	-1.33E+01	0.00E+00	-7.10E+00	0.00E+00	-3.41E-08	-1.34E-07	-1.08E-02	0.00E+00	-1.74E+00	0.00E+00	-7.10E+00	-1.78E-04	-7.10E+00	-8.84E+00	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	-5.68E+02
NBN650	6.79E-03	7.17E-01	2.25E-02	6.94E-01	0.00E+00	0.00E+00	4.45E+00	-3.23E-05	4.49E-03	6.28E-03	0.00E+00	0.00E+00	4.62E-10	4.40E-08	2.74E-02	2.14E-01	0.00E+00	0.00E+00	3.25E+00	0.00E+00	5.79E+00	0.00E+00	4.82E-08	2.39E-08	1.82E-03	0.00E+00	4.42E-01	0.00E+00	5.79E+00	-1.19E-06	5.79E+00	6.24E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
NBN663	-6.14E-02	4.18E-02	-2.65E-03	4.45E-02	0.00E+00	0.00E+00	-1.27E+01	-6.25E-03	-2.36E-03	-3.09E-02	0.00E+00	0.00E+00	-7.20E-09	-7.25E-07	-3.72E-02	-6.31E+00	0.00E+00	0.00E+00	-1.06E+01	0.00E+00	-1.94E+00	0.00E+00	3.26E-09	-1.06E-07	-8.98E-03	0.00E+00	-1.36E+00	0.00E+00	-1.94E+00	-1.80E-04	-1.94E+00	-3.30E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-4.63E+02
NC101A	-4.25E-03	1.35E-03	8.61E-04	4.53E-03	0.00E+00	0.00E+00	-7.87E-01	-4.18E-04	3.82E-05	-1.89E-03	0.00E+00	0.00E+00	-8.65E-10	-5.34E-08	-2.35E-03	-8.95E-01	0.00E+00	0.00E+00	-8.71E-01	0.00E+00	-7.04E-03	0.00E+00	1.97E-09	-7.83E-09	-4.69E-04	0.00E+00	-1.33E-01	0.00E+00	-7.04E-03	-1.40E-05	-7.04E-03	-1.70E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
NC101E	-7.41E-03	-2.98E-02	-7.87E-06	-1.64E-02	0.00E+00	0.00E+00	-1.15E+00	-6.94E-04	4.53E-05	-4.25E-03	0.00E+00	0.00E+00	-1.19E-09	-8.91E-08	-3.92E-03	-9.12E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-3.30E-01	0.00E+00	2.30E-11	-1.59E-08	-9.72E-04	0.00E+00	-1.74E-01	0.00E+00	-3.30E-01	-1.52E-05	-3.30E-01	-5.58E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NC103A	-3.38E-03	3.49E-03	8.54E-04	6.68E-03	0.00E+00	0.00E+00	-6.89E-01	-2.60E-04	5.73E-05	-1.25E-03	0.00E+00	0.00E+00	-6.66E-10	-3.99E-08	-1.42E-03	-6.50E-01	0.00E+00	0.00E+00	-6.34E-01	0.00E+00	-1.94E-02	0.00E+00	2.30E-09	-4.86E-09	-3.68E-04	0.00E+00	-8.44E-02	0.00E+00	-1.94E-02	-8.07E-06	-1.94E-02	-1.69E-01	-8.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
NC104E	-6.77E-03	-1.53E-02	5.02E-04	-5.44E-03	0.00E+00	0.00E+00	-9.62E-01	-6.48E-04	6.96E-05	-3.31E-03	0.00E+00	0.00E+00	-1.03E-09	-8.14E-08	-1.89E-03	-7.89E-01	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-2.64E-01	0.00E+00	1.93E-10	-1.36E-08	-8.45E-04	0.00E+00	-1.45E-01	0.00E+00	-2.64E-01	-1.37E-05	-2.64E-01	-5.19E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
NC106A	4.41E-04	1.11E-01	2.75E-03	1.09E-01	0.00E+00	0.00E+00	6.35E-01	-7.03E-06	2.46E-04	9.11E-04	0.00E+00	0.00E+00	-9.84E-11	2.37E-09	-1.09E-03	1.21E-01	0.00E+00	0.00E+00	2.87E-01	0.00E+00	6.47E-01	0.00E+00	6.94E-09	1.39E-09	1.73E-04	0.00E+00	4.21E-02	0.00E+00	6.47E-01	-2.57E-07	6.47E-01	6.89E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	9.23E+00
NC110A	-3.80E-04	-1.13E-01	-8.44E-04	-1.12E-01	0.00E+00	0.00E+00	-2.47E-01	-3.40E-05	7.53E-05	-1.11E-03	0.00E+00	0.00E+00	-9.93E-10	-1.63E-09	-6.36E-03	-4.00E-01	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	-1.07E+00	0.00E+00	-3.97E-09	-8.97E-09	-5.13E-04	0.00E+00	-1.40E-01	0.00E+00	-1.07E+00	-1.94E-06	-1.07E+00	-1.21E+00	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
NC110E	-7.61E-04	2.88E-02	1.19E-03	1.10E-02	0.00E+00	0.00E+00	1.18E-01	-1.10E-04	1.31E-04	-6.82E-04	0.00E+00	0.00E+00	-5.66E-10	-1.14E-08	-2.59E-03	-3.18E-01	0.00E+00	0.00E+00	-1.12E-01	0.00E+00	2.58E-01	0.00E+00	2.44E-09	-3.59E-09	-2.65E-04	0.00E+00	-9.41E-02	0.00E+00	2.58E-01	-2.32E-06	2.58E-01	1.55E-01	-9.41E-02	0.00E+00	0.00E+00	0.00E+00	-7.26E+00
NC110P	-3.32E-03	-1.49E-01	-1.00E-03	-1.38E-01	0.00E+00	0.00E+00	-1.42E+00	-3.20E-04	-1.65E-04	-2.88E-03	0.00E+00	0.00E+00	-9.10E-10	-4.29E-08	-3.25E-03	-5.08E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-1.22E+00	0.00E+00	-5.60E-09	-1.65E-08	-9.57E-04	0.00E+00	-5.83E-01	0.00E+00	-1.22E+00	-9.50E-06	-1.22E+00	-1.68E+00	-5.83E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
NC113A	-1.00E-03	2.93E-02	1.62E-03	1.49E-02	0.00E+00	0.00E+00	2.63E-01	-1.10E-04	1.32E-04	-7.22E-04	0.00E+00	0.00E+00	-4.97E-10	-1.11E-08	-1.01E-03	-2.53E-01	0.00E+00	0.00E+00	5.59E-03	0.00E+00	3.87E-01	0.00E+00	2.46E-09	-2.95E-09	-1.83E-04	0.00E+00	-8.87E-02	0.00E+00	3.87E-01	-2.41E-06	3.87E-01	3.28E-01	-8.87E-02	0.00E+00	0.00E+00	0.00E+00	-3.67E+00
NC116A	1.42E-04	3.39E-02	1.17E-03	3.27E-02	0.00E+00	0.00E+00	1.25E-01	-2.51E-05	2.29E-04	1.54E-04	0.00E+00	0.00E+00	-6.39E-10	4.63E-10	1.69E-03	-2.65E-01	0.00E+00	0.00E+00	-1.70E-01	0.00E+00	-1.94E-01	0.00E+00	1.78E-09	-3.89E-09	-1.41E-04	0.00E+00	-3.53E-02	0.00E+00	-1.94E-01	-1.28E-06	-1.94E-01	-2.30E-01	-3.53E-02	0.00E+00	0.00E+00	0.00E+00	-8.86E+00
NC116P	-3.41E-03	-1.48E-01	-9.88E-04	-1.38E-01	0.00E+00	0.00E+00	-1.48E+00	-3.47E-04	-1.72E-04	-2.95E-03	0.00E+00	0.00E+00	-1.04E-09	-4.42E-08	-3.20E-03	-4.18E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-1.25E+00	0.00E+00	-5.62E-09	-1.87E-08	-1.05E-03	0.00E+00	-5.36E-01	0.00E+00	-1.25E+00	-9.77E-06	-1.25E+00	-1.70E+00	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-6.83E+01
NC120A	8.16E-04	1.58E-01	4.10E-03	1.54E-01	0.00E+00	0.00E+00	9.59E-01	1.81E-06	3.78E-04	1.39E-03	0.00E+00	0.00E+00	1.75E-10	4.67E-09	5.96E-03	7.18E-02	0.00E+00	0.00E+00	7.41E-01	0.00E+00	1.27E+00	0.00E+00	1.02E-08	4.95E-09	3.68E-04	0.00E+00	1.04E-01	0.00E+00	1.27E+00	2.60E-07	1.27E+00	1.37E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NC120P	-3.76E-03	-1.56E-01	-1.01E-03	-1.44E-01	0.00E+00	0.00E+00	-1.78E+00	-4.11E-04	-2.30E-04	-2.96E-03	0.00E+00	0.00E+00	-1.07E-09	-5.76E-08	-4.61E-03	-7.37E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-1.27E+00	0.00E+00	-5.58E-09	-1.90E-08	-1.24E-03	0.00E+00	-5.92E-01	0.00E+00	-1.27E+00	-1.18E-05	-1.27E+00	-1.74E+00	-5.92E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
NC125A	9.31E-04	1.59E-01	4.35E-03	1.54E-01	0.00E+00	0.00E+00	1.01E+00	1.91E-06	4.85E-04	1.39E-03	0.00E+00	0.00E+00	1.80E-10	5.79E-09	7.87E-04	2.46E-01	0.00E+00	0.00E+00	6.99E-01	0.00E+00	1.24E+00	0.00E+00	1.06E-08	4.88E-09	3.73E-04	0.00E+00	1.02E-01	0.00E+00	1.24E+00	2.56E-07	1.24E+00	1.34E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
NC125P	-7.29E-03	-2.07E-01	-1.53E-03	-1.82E-01	0.00E+00	0.00E+00	-2.65E+00	-6.53E-04	-3.34E-04	-4.23E-03	0.00E+00	0.00E+00	-1.51E-09	-9.79E-08	-8.14E-03	-9.53E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-1.40E+00	0.00E+00	-6.34E-09	-2.24E-08	-1.83E-03	0.00E+00	-1.70E+00	0.00E+00	-1.40E+00	-2.03E-05	-1.40E+00	-2.21E+00	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	-9.30E+01
NC132A	-6.27E-03	-3.08E-02	3.51E-04	6.11E-03	0.00E+00	0.00E+00	-1.94E+00	-7.32E-04	1.20E-03	-2.98E-03	0.00E+00	0.00E+00	-1.02E-09	-7.16E-08	-4.31E-03	-3.10E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-1.41E-02	0.00E+00	1.49E-09	-1.30E-08	-1.31E-03	0.00E+00	-5.14E-01	0.00E+00	-1.41E-02	-1.86E-05	-1.41E-02	-2.12E-01	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-6.58E+01
NC132P	-8.22E-03	-2.06E-01	-1.58E-03	-1.83E-01	0.00E+00	0.00E+00	-2.87E+00	-9.48E-04	-3.39E-04	-4.78E-03	0.00E+00	0.00E+00	-1.64E-09	-1.13E-07	-7.54E-03	-9.47E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	-1.41E+00	0.00E+00	-6.34E-09	-2.31E-08	-2.12E-03	0.00E+00	-1.70E+00	0.00E+00	-1.41E+00	-2.55E-05	-1.41E+00	-2.23E+00	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
NC140A	-8.09E-03	-2.11E-01	-1.00E-03	-1.98E-01	0.00E+00	0.00E+00	-2.83E+00	-9.30E-04	-3.01E-04	-5.44E-03	0.00E+00	0.00E+00	-1.56E-09	-1.11E-07	-7.58E-03	-1.00E+01	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.40E+00	0.00E+00	-6.13E-09	-2.39E-08	-2.15E-03	0.00E+00	-9.08E-01	0.00E+00	-1.40E+00	-2.63E-05	-1.40E+00	-2.36E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.86E+01
NC140P	-9.12E-03	-2.08E-01	-1.50E-03	-1.78E-01	0.00E+00	0.00E+00	-2.85E+00	-1.10E-03	-3.47E-04	-5.60E-03	0.00E+00	0.00E+00	-1.65E-09	-1.24E-07	-8.55E-03	-9.97E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-1.39E+00	0.00E+00	-6.63E-09	-2.47E-08	-2.28E-03	0.00E+00	-1.84E+00	0.00E+00	-1.39E+00	-2.78E-05	-1.39E+00	-2.25E+00	-1.84E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NC150A	-6.05E-03	4.99E-03	1.00E-03	2.06E-03	0.00E+00	0.00E+00	-1.13E+00	-6.28E-04	3.31E-04	-3.92E-03	0.00E+00	0.00E+00	-1.02E-09	-8.43E-08	-1.95E-03	-1.38E+00	0.00E+00	0.00E+00	-7.74E-01	0.00E+00	7.74E-02	0.00E+00	3.63E-09	-1.03E-08	-8.31E-04	0.00E+00	-1.95E-01	0.00E+00	7.74E-02	-1.91E-05	7.74E-02	-1.81E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
NC150P	-6.25E-03	-5.03E-02	6.83E-04	-5.34E-02	0.00E+00	0.00E+00	-1.53E+00	-7.26E-04	8.93E-05	-5.05E-03	0.00E+00	0.00E+00	-1.42E-09	-1.04E-07	-3.39E-03	-4.77E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-1.27E-01	0.00E+00	3.88E-09	-1.48E-08	-1.52E-03	0.00E+00	-1.32E+00	0.00E+00	-1.27E-01	-1.97E-05	-1.27E-01	-5.17E-01	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-6.06E+01
NC163A	-6.71E-03	-1.91E-02	1.94E-03	4.99E-03	0.00E+00	0.00E+00	-1.45E+00	-7.00E-04	4.77E-04	-3.58E-03	0.00E+00	0.00E+00	-9.64E-10	-8.20E-08	-2.01E-03	-1.07E+00	0.00E+00	0.00E+00	-9.67E-01	0.00E+00	2.32E-01	0.00E+00	3.39E-09	-1.10E-08	-7.55E-04	0.00E+00	-2.27E-01	0.00E+00	2.32E-01	-2.13E-05	2.32E-01	-3.00E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
NC200A	-6.39E-03	-3.00E-02	7.87E-04	-1.95E-02	0.00E+00	0.00E+00	-1.17E+00	-5.96E-04	-3.29E-05	-3.55E-03	0.00E+00	0.00E+00	-2.31E-09	-6.63E-08	-7.68E-03	-1.92E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-2.51E-01	0.00E+00	2.67E-09	-1.47E-08	-1.18E-03	0.00E+00	-3.21E-01	0.00E+00	-2.51E-01	-2.20E-05	-2.51E-01	-4.46E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.76E+01
NC201A	-6.01E-03	-3.63E-02	4.50E-04	-2.76E-02	0.00E+00	0.00E+00	-1.37E+00	-5.26E-04	-4.51E-06	-2.63E-03	0.00E+00	0.00E+00	-2.22E-09	-7.01E-08	-7.32E-03	-2.06E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-3.58E-01	0.00E+00	2.07E-09	-1.49E-08	-8.66E-04	0.00E+00	-3.73E-01	0.00E+00	-3.58E-01	-2.36E-05	-3.58E-01	-7.29E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.23E+01
NC202A	-6.17E-03	-3.51E-02	4.89E-04	-2.52E-02	0.00E+00	0.00E+00	-1.44E+00	-4.87E-04	-4.51E-06	-2.55E-03	0.00E+00	0.00E+00	-2.18E-09	-6.64E-08	-7.65E-03	-2.03E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-3.39E-01	0.00E+00	2.09E-09	-1.44E-08	-8.42E-04	0.00E+00	-3.61E-01	0.00E+00	-3.39E-01	-2.23E-05	-3.39E-01	-6.61E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-7.28E+01
NC202E	-7.35E-03	-5.20E-02	9.61E-04	-2.62E-02	0.00E+00	0.00E+00	-1.16E+00	-8.09E-04	6.15E-05	-3.49E-03	0.00E+00	0.00E+00	-1.95E-09	-6.25E-08	-5.89E-03	-1.24E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-3.94E-01	0.00E+00	1.73E-09	-1.72E-08	-1.23E-03	0.00E+00	-2.33E-01	0.00E+00	-3.94E-01	-2.06E-05	-3.94E-01	-7.78E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
NC203A	-5.61E-03	-2.54E-02	9.06E-04	-2.37E-02	0.00E+00	0.00E+00	-1.23E+00	-6.24E-04	-2.61E-05	-3.05E-03	0.00E+00	0.00E+00	-2.08E-09	-6.67E-08	-7.46E-03	-1.97E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	-2.54E-01	0.00E+00	2.81E-09	-1.40E-08	-7.95E-04	0.00E+00	-3.13E-01	0.00E+00	-2.54E-01	-2.13E-05	-2.54E-01	-5.21E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.61E+01
NC204A	-6.34E-03	-3.16E-02	5.24E-04	-2.68E-02	0.00E+00	0.00E+00	-1.44E+00	-6.11E-04	4.20E-06	-2.90E-03	0.00E+00	0.00E+00	-2.16E-09	-7.10E-08	-7.32E-03	-2.07E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-3.24E-01	0.00E+00	2.01E-09	-1.51E-08	-8.65E-04	0.00E+00	-3.59E-01	0.00E+00	-3.24E-01	-2.31E-05	-3.24E-01	-7.30E-01	-3.59E-01	0.00E+00	0.00E+00	0.00E+00	-7.09E+01
NC204E	-8.98E-03	-4.30E-02	7.88E-04	-2.72E-02	0.00E+00	0.00E+00	-1.14E+00	-9.24E-04	5.91E-05	-3.99E-03	0.00E+00	0.00E+00	-2.01E-09	-9.12E-08	-5.80E-03	-1.22E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-4.99E-01	0.00E+00	1.05E-09	-2.08E-08	-1.23E-03	0.00E+00	-2.13E-01	0.00E+00	-4.99E-01	-2.25E-05	-4.99E-01	-8.19E-01	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.49E+01
NC206A	-4.71E-03	-2.34E-02	1.14E-03	-3.33E-02	0.00E+00	0.00E+00	-1.19E+00	-6.40E-04	5.89E-05	-2.51E-03	0.00E+00	0.00E+00	-2.21E-09	-6.84E-08	-8.64E-03	-1.37E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-4.38E-01	0.00E+00	1.40E-09	-1.85E-08	-1.63E-03	0.00E+00	-2.81E-01	0.00E+00	-4.38E-01	-1.73E-05	-4.38E-01	-2.95E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
NC206P	-6.21E-03	-2.45E-01	-2.22E-03	-2.67E-01	0.00E+00	0.00E+00	-2.17E+00	-5.28E-04	-4.33E-04	-5.65E-03	0.00E+00	0.00E+00	-2.56E-09	-8.06E-08	-1.78E-02	-5.70E+00	0.00E+00	0.00E+00	-2.57E+00	0.00E+00	-2.48E+00	0.00E+00	-1.20E-08	-2.90E-08	-1.72E-03	0.00E+00	-1.39E+00	0.00E+00	-2.48E+00	-2.02E-05	-2.48E+00	-3.40E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
NC210A	1.12E-03	2.60E-01	6.48E-03	2.54E-01	0.00E+00	0.00E+00	1.68E+00	2.87E-06	5.35E-04	2.29E-03	0.00E+00	0.00E+00	1.40E-10	6.70E-09	-7.90E-03	-1.26E-01	0.00E+00	0.00E+00	7.24E-01	0.00E+00	1.89E+00	0.00E+00	1.78E-08	6.36E-09	5.79E-04	0.00E+00	1.01E-02	0.00E+00	1.89E+00	1.99E-07	1.89E+00	1.90E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.41E+01
NC210P	-5.56E-03	-2.24E-01	-1.79E-03	-2.48E-01	0.00E+00	0.00E+00	-1.90E+00	-4.88E-04	-2.90E-04	-4.41E-03	0.00E+00	0.00E+00	-2.30E-09	-5.93E-08	-1.71E-02	-5.71E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-2.35E+00	0.00E+00	-1.14E-08	-2.56E-08	-1.54E-03	0.00E+00	-6.62E-01	0.00E+00	-2.35E+00	-1.73E-05	-2.35E+00	-3.17E+00	-6.62E-01	0.00E+00	0.00E+00	0.00E+00	-9.62E+01

NC213A	-5.91E-03	2.48E-01	5.02E-03	2.43E-01	0.00E+00	0.00E+00	-5.86E-02	-6.75E-04	-7.71E-05	-1.26E-03	0.00E+00	0.00E+00	-5.42E-10	-7.57E-08	9.52E-03	-3.28E-01	0.00E+00	0.00E+00	-9.49E-02	0.00E+00	1.71E+00	0.00E+00	1.53E-08	-4.16E-09	-4.45E-04	0.00E+00	5.97E-02	0.00E+00	1.71E+00	-1.90E-05	1.71E+00	1.77E+00	5.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
NC216A	-6.89E-03	-6.00E-02	1.23E-03	-6.13E-02	0.00E+00	0.00E+00	-7.23E-01	-6.91E-04	-2.99E-04	-3.86E-03	0.00E+00	0.00E+00	-1.17E-09	-7.87E-08	-1.46E-02	-1.25E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.80E-01	0.00E+00	3.28E-09	-1.49E-08	-1.19E-03	0.00E+00	-2.84E-01	0.00E+00	-1.80E-01	-2.03E-05	-1.80E-01	-4.64E-01	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-5.89E+01
NC216P	-6.06E-03	-2.27E-01	-1.75E-03	-2.51E-01	0.00E+00	0.00E+00	-2.01E+00	-5.66E-04	-3.09E-04	-4.53E-03	0.00E+00	0.00E+00	-2.54E-09	-6.23E-08	-1.74E-02	-5.65E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	-2.51E+00	0.00E+00	-1.17E-08	-2.94E-08	-1.83E-03	0.00E+00	-6.53E-01	0.00E+00	-2.51E+00	-1.84E-05	-2.51E+00	-3.34E+00	-6.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NC220A	-4.73E-03	-3.25E-02	8.93E-04	-1.58E-02	0.00E+00	0.00E+00	-1.85E+00	-8.18E-04	1.23E-03	-2.65E-03	0.00E+00	0.00E+00	-2.24E-09	-8.55E-08	-9.53E-03	-3.14E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-4.71E-01	0.00E+00	7.29E-10	-2.01E-08	-1.45E-03	0.00E+00	-5.57E-01	0.00E+00	-4.71E-01	-1.66E-05	-4.71E-01	-4.50E-01	-5.57E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01
NC220P	-6.24E-03	-2.30E-01	-1.74E-03	-2.60E-01	0.00E+00	0.00E+00	-2.41E+00	-7.03E-04	-3.58E-04	-4.74E-03	0.00E+00	0.00E+00	-2.61E-09	-8.16E-08	-1.83E-02	-9.41E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-2.47E+00	0.00E+00	-1.16E-08	-3.12E-08	-2.03E-03	0.00E+00	-8.17E-01	0.00E+00	-2.47E+00	-2.30E-05	-2.47E+00	-3.42E+00	-8.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NC225A	-5.53E-03	-6.69E-02	2.92E-03	-2.96E-02	0.00E+00	0.00E+00	-4.72E-01	-5.11E-04	2.62E-04	-2.93E-03	0.00E+00	0.00E+00	-1.89E-09	-8.52E-08	-7.79E-03	-1.14E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-2.76E-01	0.00E+00	3.11E-09	-2.00E-08	-1.17E-03	0.00E+00	-2.16E-01	0.00E+00	-2.76E-01	-1.69E-05	-2.76E-01	-3.15E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-5.74E+01
NC225P	-1.08E-02	-2.79E-01	-2.46E-03	-2.91E-01	0.00E+00	0.00E+00	-3.52E+00	-1.03E-03	-6.13E-04	-6.92E-03	0.00E+00	0.00E+00	-2.97E-09	-1.30E-07	-2.04E-02	-1.17E+01	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-2.77E+00	0.00E+00	-1.26E-08	-3.85E-08	-2.70E-03	0.00E+00	-1.91E+00	0.00E+00	-2.77E+00	-3.38E-05	-2.77E+00	-4.10E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
NC232A	-1.02E-02	-2.85E-02	1.53E-03	-2.31E-02	0.00E+00	0.00E+00	-2.53E+00	-1.27E-03	4.04E-04	-5.97E-03	0.00E+00	0.00E+00	-2.41E-09	-1.58E-07	-4.81E-03	-1.37E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-8.51E-01	0.00E+00	8.29E-10	-2.64E-08	-2.35E-03	0.00E+00	-4.03E-01	0.00E+00	-8.51E-01	-3.41E-05	-8.51E-01	-1.05E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NC232E	-1.03E-02	-2.80E-02	1.50E-03	-1.43E-02	0.00E+00	0.00E+00	-2.35E+00	-1.19E-03	2.33E-04	-5.61E-03	0.00E+00	0.00E+00	-2.31E-09	-1.39E-07	-4.57E-03	-1.52E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-7.94E-01	0.00E+00	2.17E-09	-2.73E-08	-2.28E-03	0.00E+00	-4.11E-01	0.00E+00	-7.94E-01	-2.76E-05	-7.94E-01	-1.08E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NC232P	-9.40E-03	-2.80E-01	-2.49E-03	-2.90E-01	0.00E+00	0.00E+00	-3.64E+00	-1.01E-03	-5.25E-04	-7.03E-03	0.00E+00	0.00E+00	-3.01E-09	-1.12E-07	-1.99E-02	-1.16E+01	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-2.81E+00	0.00E+00	-1.24E-08	-3.85E-08	-2.72E-03	0.00E+00	-1.94E+00	0.00E+00	-2.81E+00	-3.18E-05	-2.81E+00	-4.16E+00	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
NC240A	-1.36E-02	-2.64E-02	2.82E-03	-1.93E-02	0.00E+00	0.00E+00	-2.71E+00	-1.75E-03	6.69E-04	-5.18E-03	0.00E+00	0.00E+00	-2.39E-09	-1.54E-07	-5.63E-03	-1.41E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-6.76E-01	0.00E+00	1.81E-09	-3.40E-08	-2.63E-03	0.00E+00	-3.57E-01	0.00E+00	-6.76E-01	-4.86E-05	-6.76E-01	-7.64E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
NC240P	-1.59E-02	-2.80E-01	-2.82E-03	-2.85E-01	0.00E+00	0.00E+00	-5.05E+00	-1.40E-03	-6.93E-04	-9.66E-03	0.00E+00	0.00E+00	-3.27E-09	-2.19E-07	-2.06E-02	-1.26E+01	0.00E+00	0.00E+00	-4.47E+00	0.00E+00	-2.84E+00	0.00E+00	-1.36E-08	-4.95E-08	-3.40E-03	0.00E+00	-2.09E+00	0.00E+00	-2.84E+00	-4.88E-05	-2.84E+00	-4.46E+00	-2.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
NC250A	-9.96E-03	-1.54E-02	1.67E-03	-3.21E-02	0.00E+00	0.00E+00	-2.31E+00	-8.61E-04	4.18E-04	-4.23E-03	0.00E+00	0.00E+00	-2.47E-09	-1.01E-07	-5.65E-03	-1.82E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-4.46E-01	0.00E+00	3.20E-09	-1.87E-08	-9.85E-04	0.00E+00	-4.10E-01	0.00E+00	-4.46E-01	-3.74E-05	-4.46E-01	-9.05E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NC250P	-1.07E-02	-8.03E-02	4.46E-04	-1.05E-01	0.00E+00	0.00E+00	-3.48E+00	-8.67E-04	3.31E-06	-3.64E-03	0.00E+00	0.00E+00	-2.37E-09	-8.23E-08	-6.81E-03	-4.30E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-8.99E-01	0.00E+00	3.92E-09	-2.08E-08	-1.31E-03	0.00E+00	-1.49E+00	0.00E+00	-8.99E-01	-2.79E-05	-8.99E-01	-1.48E+00	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NC263A	-1.22E-02	1.53E-03	4.00E-04	-1.68E-02	0.00E+00	0.00E+00	-2.62E+00	-1.18E-03	7.89E-04	-5.85E-03	0.00E+00	0.00E+00	-2.75E-09	-1.79E-07	-4.62E-03	-1.92E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-7.27E-02	0.00E+00	2.48E-09	-2.55E-08	-1.62E-03	0.00E+00	-5.13E-01	0.00E+00	-7.27E-02	-4.27E-05	-7.27E-02	-6.75E-01	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NC263P	-1.62E-02	-8.24E-02	-8.96E-04	-8.23E-02	0.00E+00	0.00E+00	-4.38E+00	-1.32E-03	9.53E-05	-5.85E-03	0.00E+00	0.00E+00	-3.17E-09	-2.01E-07	-7.47E-03	-4.42E+00	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-5.15E-01	0.00E+00	3.50E-09	-3.48E-08	-2.48E-03	0.00E+00	-1.57E+00	0.00E+00	-5.15E-01	-4.16E-05	-5.15E-01	-1.08E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NC300A	-7.17E-03	-9.30E-02	3.23E-04	-9.19E-02	0.00E+00	0.00E+00	-2.04E+00	-1.12E-03	-1.86E-04	-6.99E-03	0.00E+00	0.00E+00	-3.00E-09	-1.29E-07	-1.65E-02	-2.25E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-7.46E-01	0.00E+00	-7.10E-10	-2.19E-08	-2.25E-03	0.00E+00	-4.75E-01	0.00E+00	-7.46E-01	-3.69E-05	-7.46E-01	-1.01E+00	-4.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NC301A	-7.14E-03	-6.15E-02	2.61E-04	-1.01E-01	0.00E+00	0.00E+00	-1.98E+00	-9.98E-04	-2.10E-04	-7.46E-03	0.00E+00	0.00E+00	-2.98E-09	-1.28E-07	-7.34E-03	-2.10E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-3.54E-01	0.00E+00	3.80E-09	-2.20E-08	-2.11E-03	0.00E+00	-4.48E-01	0.00E+00	-3.54E-01	-3.41E-05	-3.54E-01	-3.25E-01	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-9.35E+01
NC302A	-6.98E-03	-6.63E-02	7.19E-05	-1.04E-01	0.00E+00	0.00E+00	-2.03E+00	-9.61E-04	-2.10E-04	-7.28E-03	0.00E+00	0.00E+00	-2.98E-09	-1.22E-07	-6.29E-03	-2.07E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-4.01E-01	0.00E+00	4.00E-09	-2.08E-08	-2.17E-03	0.00E+00	-4.64E-01	0.00E+00	-4.01E-01	-3.38E-05	-4.01E-01	-4.28E-01	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-9.03E+01
NC303A	-7.39E-03	-9.68E-02	-2.64E-04	-1.43E-01	0.00E+00	0.00E+00	-2.35E+00	-1.04E-03	-1.86E-04	-7.27E-03	0.00E+00	0.00E+00	-3.07E-09	-1.28E-07	-7.66E-03	-2.10E+00	0.00E+00	0.00E+00	-2.51E+00	0.00E+00	-1.24E+00	0.00E+00	3.00E-09	-2.41E-08	-2.32E-03	0.00E+00	-4.86E-01	0.00E+00	-1.24E+00	-3.37E-05	-1.24E+00	-1.33E+00	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NC304A	-7.05E-03	-1.07E-01	-1.51E-04	-1.18E-01	0.00E+00	0.00E+00	-2.15E+00	-1.02E-03	-1.44E-04	-7.17E-03	0.00E+00	0.00E+00	-3.04E-09	-1.24E-07	-1.76E-02	-2.14E+00	0.00E+00	0.00E+00	-2.26E+00	0.00E+00	-7.71E-01	0.00E+00	1.41E-10	-2.26E-08	-2.20E-03	0.00E+00	-5.15E-01	0.00E+00	-7.71E-01	-3.37E-05	-7.71E-01	-1.15E+00	-5.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NC306A	-7.72E-03	-1.65E-02	3.41E-03	-1.99E-02	0.00E+00	0.00E+00	-4.33E-01	-8.08E-04	-3.03E-04	-4.00E-03	0.00E+00	0.00E+00	-1.25E-09	-9.07E-08	7.43E-03	-1.54E+00	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	5.82E-01	0.00E+00	7.58E-09	-1.44E-08	-1.27E-03	0.00E+00	-1.61E-01	0.00E+00	5.82E-01	-2.35E-05	5.82E-01	4.21E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.95E+01
NC306P	-4.60E-03	-1.89E-01	-1.75E-03	-2.06E-01	0.00E+00	0.00E+00	-1.86E+00	-5.30E-04	-3.58E-04	-3.65E-03	0.00E+00	0.00E+00	-1.08E-09	-5.13E-08	-1.26E-02	-5.25E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-1.99E+00	0.00E+00	-8.60E-09	-2.09E-08	-1.35E-03	0.00E+00	-1.37E+00	0.00E+00	-1.99E+00	-1.26E-05	-1.99E+00	-2.88E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-8.29E+01
NC310A	-1.18E-03	-3.50E-01	-2.62E-03	-3.48E-01	0.00E+00	0.00E+00	-7.13E-01	-9.78E-05	2.22E-04	-3.37E-03	0.00E+00	0.00E+00	-2.87E-09	-4.65E-09	-3.09E-02	-1.71E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-3.32E+00	0.00E+00	-1.20E-08	-2.73E-08	-1.52E-03	0.00E+00	-5.64E-01	0.00E+00	-3.32E+00	-5.62E-06	-3.32E+00	-3.89E+00	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-9.92E+01
NC313A	-6.37E-03	-1.33E-01	1.21E-03	-1.00E-01	0.00E+00	0.00E+00	-1.68E-01	-6.24E-04	1.40E-04	-4.37E-03	0.00E+00	0.00E+00	-2.20E-09	-4.86E-08	-1.44E-02	-1.37E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-8.96E-02	0.00E+00	4.12E-10	-2.54E-08	-1.07E-03	0.00E+00	-3.00E-01	0.00E+00	-8.96E-02	-1.22E-05	-8.96E-02	-1.30E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	-5.34E+01
NC316A	-6.12E-05	6.44E-03	1.11E-03	5.33E-03	0.00E+00	0.00E+00	-3.41E-01	-9.69E-05	6.03E-04	-5.14E-04	0.00E+00	0.00E+00	-2.54E-09	-1.76E-09	2.00E-03	-6.44E-01	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-1.72E+00	0.00E+00	-1.20E-09	-1.84E-08	-8.20E-04	0.00E+00	-1.60E-01	0.00E+00	-1.72E+00	-5.06E-06	-1.72E+00	-1.88E+00	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NC316P	-9.97E-03	-2.50E-01	-3.51E-03	-2.97E-01	0.00E+00	0.00E+00	-2.92E+00	-9.47E-04	-5.59E-04	-8.65E-03	0.00E+00	0.00E+00	-3.76E-09	-1.05E-07	-2.81E-02	-5.58E+00	0.00E+00	0.00E+00	-4.17E+00	0.00E+00	-3.49E+00	0.00E+00	-1.50E-08	-4.66E-08	-2.91E-03	0.00E+00	-7.25E-01	0.00E+00	-3.49E+00	-2.92E-05	-3.49E+00	-4.31E+00	-7.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
NC320A	-1.40E-02	-3.39E-01	-3.68E-03	-3.35E-01	0.00E+00	0.00E+00	-3.33E+00	-1.35E-03	-7.60E-04	-9.55E-03	0.00E+00	0.00E+00	-3.60E-09	-1.55E-07	-3.06E-02	-2.52E+00	0.00E+00	0.00E+00	-3.92E+00	0.00E+00	-3.20E+00	0.00E+00	-1.16E-08	-4.38E-08	-3.18E-03	0.00E+00	-6.86E-01	0.00E+00	-3.20E+00	-4.06E-05	-3.20E+00	-3.89E+00	-6.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
NC320P	-1.48E-02	-2.58E-01	-3.54E-03	-3.33E-01	0.00E+00	0.00E+00	-3.75E+00	-1.25E-03	-6.96E-04	-1.03E-02	0.00E+00	0.00E+00	-3.88E-09	-1.50E-07	-2.94E-02	-1.20E+01	0.00E+00	0.00E+00	-4.51E+00	0.00E+00	-3.50E+00	0.00E+00	-1.53E-08	-5.14E-08	-3.40E-03	0.00E+00	-8.92E-01	0.00E+00	-3.50E+00	-3.76E-05	-3.50E+00	-4.51E+00	-8.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NC325A	2.07E-03	1.46E-01	1.06E-02	1.35E-01	0.00E+00	0.00E+00	2.77E+00	5.45E-06	1.24E-03	1.60E-03	0.00E+00	0.00E+00	4.77E-10	1.65E-08	-1.34E-02	-4.83E-01	0.00E+00	0.00E+00	1.64E+00	0.00E+00	2.58E+00	0.00E+00	2.20E-08	8.47E-09	5.19E-04	0.00E+00	1.63E-02	0.00E+00	2.58E+00	6.10E-07	2.58E+00	2.60E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	6.05E+01
NC325P	-2.14E-02	-2.82E-01	-4.78E-03	-3.34E-01	0.00E+00	0.00E+00	-5.05E+00	-1.91E-03	-1.04E-03	-1.29E-02	0.00E+00	0.00E+00	-4.31E-09	-2.27E-07	-3.09E-02	-1.48E+01	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-3.69E+00	0.00E+00	-1.70E-08	-6.62E-08	-4.32E-03	0.00E+00	-2.22E+00	0.00E+00	-3.69E+00	-5.36E-05	-3.69E+00	-5.41E+00	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
NC332A	-3.44E-02	-4.83E-01	-9.02E-03	-4.74E-01	0.00E+00	0.00E+00	-8.79E+00	-3.42E-03	-1.38E-03	-2.12E-02	0.00E+00	0.00E+00	-6.37E-09	-3.95E-07	-8.40E-03	-4.63E+00	0.00E+00	0.00E+00	-8.07E+00	0.00E+00	-4.83E+00	0.00E+00	-2.23E-08	-8.13E-08	-6.45E-03	0.00E+00	-1.04E+00	0.00E+00	-4.83E+00	-1.01E-04	-4.83E+00	-5.87E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.45E+02
NC332P	-2.72E-02	-2.94E-01	-5.84E-03	-3.37E-01	0.00E+00	0.00E+00	-6.04E+00	-2.56E-03	-1.08E-03	-1.86E-02	0.00E+00	0.00E+00	-5.47E-09	-3.34E-07	-3.39E-02	-1.53E+01	0.00E+00	0.00E+00	-5.66E+00	0.00E+00	-3.84E+00	0.00E+00	-1.77E-08	-8.08E-08	-6.03E-03	0.00E+00	-2.26E+00	0.00E+00	-3.84E+00	-7.72E-05	-3.84E+00	-5.58E+00	-2.26E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
NC340A	-2.03E-03	1.34E-01	4.84E-03	1.29E-01	0.00E+00	0.00E+00	-4.36E-01	-4.98E-04	2.02E-03	-1.42E-03	0.00E+00	0.00E+00	-2.55E-09	-3.40E-08	-2.26E-02	-1.80E-01	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-8.97E-01	0.00E+00	7.81E-09	-1.82E-08	-8.73E-04	0.00E+00	-2.18E-01	0.00E+00	-8.97E-01	-1.96E-05	-8.97E-01	-1.12E+00	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.99E+01
NC340P	-2.70E-02	-2.44E-01	-6.07E-03	-3.56E-01	0.00E+00	0.00E+00	-6.79E+00	-2.06E-03	-1.61E-03	-2.09E-02	0.00E+00	0.00E+00	-5.71E-09	-3.77E-07	-3.11E-02	-1.60E+01	0.00E+00	0.00E+00	-6.44E+00	0.00E+00	-3.84E+00	0.00E+00	-1.77E-08	-8.52E-08	-5.60E-03	0.00E+00	-2.51E+00	0.00E+00	-3.84E+00	-9.67E-05	-3.84E+00	-5.50E+00	-2.51E+00	0.00E+00	0.00E+00	0.00E+00	-2.71E+02
NC350A	-4.77E-02	-3.67E-01	-6.78E-03	-3.61E-01	0.00E+00	0.00E+00	-1.08E+01	-4.78E-03	-2.10E-03	-2.69E-02	0.00E+00	0.00E+00	-6.42E-09	-5.56E-07	-3.93E-03	-5.26E+00	0.00E+00	0.00E+00	-8.74E+00	0.00E+00	-3.37E+00	0.00E+00	-1.43E-08	-9.18E-08	-7.83E-03	0.00E+00	-1.03E+00	0.00E+00	-3.37E+00	-1.38E-04	-3.37E+00	-4.40E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+02
NC350P	-3.18E-02	-2.21E-02	-3.24E-03	-5.83E-02	0.00E+00	0.00E+00	-3.11E+00	-1.69E-03	-1.32E-03	-1.80E-02	0.00E+00	0.00E+00	-4.88E-09	-3.60E-07	-1.30E-02	-3.90E+00	0.00E+00	0.00E+00	-3.45E+00	0.00E+00	1.26E-01	0.00E+00	8.06E-09	-6.49E-08	-3.22E-03	0.00E+00	-1.47E+00	0.00E+00	1.26E-01	-1.08E-04	1.26E-01	-2.75E-01	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NC363A	-4.96E-02	-6.40E-01	-1.36E-02	-6.27E-01	0.00E+00	0.00E+00	-1.26E+01	-4.89E-03	-2.36E-03	-2.99E-02	0.00E+00	0.00E+00	-8.43E-09	-5.70E-07	-1.30E-02	-6.31E+00	0.00E+00	0.00E+00	-1.12E+01	0.00E+00	-6.53E+00	0.00E+00	-3.21E-08	-1.12E-07	-8.98E-03	0.00E+00	-1.42E+00	0.00E+00	-6.53E+00	-1.44E-04	-6.53E+00	-7.95E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-4.80E+02
NC363P	-3.35E-02	-1.58E-02	-2.91E-03	-1.27E-01	0.00E+00	0.00E+00	-6.69E+00	-2.71E-03	-1.51E-03	-1.94E-02	0.00E+00	0.00E+00	-5.46E-09	-4.02E-07	-1.25E-02	-3.96E+00	0.00E+00	0.00E+00	-5.76E+00	0.00E+00	-4.80E-01	0.00E+00	6.38E-09	-6.72E-08	-4.88E-03	0.00E+00	-1.48E+00	0.00E+00	-4.80E-01	-1.10E-04	-4.80E-01	-1.12E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
NC400A	-1.21E-02	-9.64E-02	-2.33E-03	-7.09E-02	0.00E+00	0.00E+00	-4.12E+00	-1.42E-03	-3.53E-05	-7.41E-03	0.00E+00	0.00E+00	-3.00E-09	-1.49E-07	-9.41E-03	-2.09E+00	0.00E+00	0.00E+00	-3.70E+00	0.00E+00	-1.97E+00	0.00E+00	-5.38E-09	-3.45E-08	-2.46E-03	0.00E+00	-6.40E-01	0.00E+00	-1.97E+00	-3.71E-05	-1.97E+00	-1.68E+00	-6.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NC401A	-1.21E-02	-9.64E-02	-2.33E-03	-6.72E-02	0.00E+00	0.00E+00	-4.13E+00	-1.44E-03	-3.53E-05	-7.44E-03	0.00E+00	0.00E+00	-2.95E-09	-1.48E-07	-9.43E-03	-2.09E+00	0.00E+00	0.00E+00	-3.64E+00	0.00E+00	-1.97E+00	0.00E+00	-5.33E-09	-3.43E-08	-2.46E-03	0.00E+00	-6.41E-01	0.00E+00	-1.97E+00	-3.71E-05	-1.97E+00	-1.68E+00	-6.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NC402A	-1.19E-02	-1.27E-01	-1.73E-03	-7.76E-02	0.00E+00	0.00E+00	-4.10E+00	-1.43E-03	-1.52E-06	-7.38E-03	0.00E+00	0.00E+00	-2.97E-09	-1.47E-07	-9.10E-03	-2.04E+00	0.00E+00	0.00E+00	-3.65E+00	0.00E+00	-1.75E+00	0.00E+00	-5.09E-09	-3.39E-08	-2.37E-03	0.00E+00	-5.96E-01	0.00E+00	-1.75E+00	-3.74E-05	-1.75E+00	-1.39E+00	-5.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NC403A	-8.91E-03	-1.42E-01	-2.32E-03	-8.87E-02	0.00E+00	0.00E+00	-4.04E+00	-1.03E-03	1.24E-06	-8.10E-03	0.00E+00	0.00E+00	-3.23E-09	-1.34E-07	-9.61E-03	-2.04E+00	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-2.34E+00	0.00E+00	-5.40E-09	-3.68E-08	-2.59E-03	0.00E+00	-5.74E-01	0.00E+00	-2.34E+00	-3.42E-05	-2.34E+00	-2.05E+00	-5.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NC404A	-8.98E-03	-1.44E-01	-1.51E-03	-9.16E-02	0.00E+00	0.00E+00	-3.81E+00	-1.06E-03	2.09E-05	-7.51E-03	0.00E+00	0.00E+00	-3.18E-09	-1.32E-07	-9.56E-03	-2.05E+00	0.00E+00	0.00E+00	-3.64E+00	0.00E+00	-2.05E+00	0.00E+00	-4.80E-09	-3.33E-08	-2.50E-03	0.00E+00	-5.31E-01	0.00E+00	-2.05E+00	-3.45E-05	-2.05E+00	-1.63E+00	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
NC406A	-1.14E-02	-1.87E-01	-6.21E-04	-1.23E-01	0.00E+00	0.00E+00	-4.25E+00	-1.31E-03	6.35E-06	-8.92E-03	0.00E+00	0.00E+00	-3.34E-09	-1.29E-07	-7.52E-03	-2.42E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-1.74E+00	0.00E+00	-6.82E-09	-3.71E-08	-2.64E-03	0.00E+00	-6.40E-01	0.00E+00	-1.74E+00	-2.67E-05	-1.74E+00	-1.60E+00	-6.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
NC410A	-6.41E-03	-1.85E-01	1.11E-04	-1.48E-01	0.00E+00	0.00E+00	-2.21E+00	-7.29E-04	-4.09E-05	-8.89E-03	0.00E+00	0.00E+00	-3.39E-09	-1.11E-07	-7.59E-03	-1.96E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	-2.08E+00	0.00E+00	-4.37E-10	-3.07E-08	-2.58E-03	0.00E+00	-4.06E-01	0.00E+00	-2.08E+00	-2.43E-05	-2.08E+00	-1.77E+00	-4.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NC413A	-2.49E-03	4.39E-02	1.46E-03	1.12E-02	0.00E+00	0.00E+00	-1.68E-01	-5.46E-04	2.75E-04	-1.73E-03	0.00E+00	0.00E+00	-9.23E-10	-3.20E-08	-5.77E-03	-6.28E-01	0.00E+00	0.00E+00	-9.75E-01	0.00E+00	-1.42E-01	0.00E+00	1.71E-09	-1.21E-08	-8.13E-04	0.00E+00	-1.34E-01	0.00E+00	-1.42E-01	-9.64E-06	-1.42E-01	-2.31E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
NC416A	-1.10E-02	-1.92E-01	-1.16E-03	-1.34E-01	0.00E+00	0.00E+00	-2.80E+00	-1.41E-03	1.62E-05	-1.19E-02	0.00E+00	0.00E+00	-3.56E-09	-1.64E-07	-8.47E-03	-2.14E+00	0.00E+00	0.00E+00	-2.93E+00	0.00E+00	-1.73E+00	0.00E+00	4.39E-10	-3.35E-08	-3.38E-03	0.00E+00	-5.07E-01	0.00E+00	-1.73E+00	-3.55E-05	-1.73E+00	-1.58E+00	-5.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
NC420A	-1.02E-02	-4.40E-02	1.69E-03	2.62E-02	0.00E+00	0.00E+00	-1.10E+00	-1.34E-03	5.01E-04	-5.70E-03	0.00E+00	0.00E+00	-2.40E-09	-1.28E-07	-1.28E-03	-1.60E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	4.00E-01	0.00E+00	2.63E-09	-2.47E-08	-1.44E-03	0.00E+00	-1.82E-01	0.00E+00	4.00E-01	-2.74E-05	4.00E-01	1.42E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-8.43E+01
NC425A	-1.15E-02	-8.58E-02	-8.22E-04	-3.43E-02	0.00E+00	0.00E+00	-1.05E+00	-1.29E-03	1.85E-03	-1.15E-02	0.00E+00	0.00E+00	-3.21E-09	-1.38E-07	-1.01E-02	-4.63E+00	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-1.00E+00	0.00E+00	-4.85E-09	-3.92E-08	-2.84E-03	0.00E+00	-1.07E+00	0.00E+00	-1.00E+00	-5.03E-05	-1.00E+00	-1.27E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-9.27E+01
NC425P	-2.81E-02	-2.55E-01	-5.93E-03	-3.35E-01	0.00E+00	0.00E+00	-5.94E+00	-2.60E-03	-1.12E-03	-1.91E-02	0.00E+00	0.00E+00	-5.36E-09	-3.11E-07	-2.99E-02	-1.60E+01	0.00E+00	0.00E+00	-6.27E+00	0.00E+00	-4.02E+00	0.00E+00	-1.88E-08	-7.77E-08	-5.49E-03	0.00E+00	-2.44E+00	0.00E+00	-4.02E+00	-9.04E-05	-4.02E+00	-5.80E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E+02
NC432A	-2.55E-02	-1.76E-01	-2.99E-03	-1.26E-01	0.00E+00	0.00E+00	-5.33E+00	-2.61E-03	1.41E-03	-1.88E-02	0.00E+00	0.00E+00	-5.60E-09	-2.97E-07	-7.38E-03	-4.40E+00	0.00E+00	0.00E+00	-6.04E+00	0.00E+00	-2.76E+00	0.00E+00	-3.55E-09	-6.85E-08	-3.97E-03	0.00E+00	-8.11E-01	0.00E+00	-2.76E+00	-8.62E-05	-2.76E+00	-4.06E+00	-8.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
NC440A	-8.90E-03	-1.78E-01	-1.64E-03	-2.79E-01	0.00E+00	0.00E+00	-4.04E+00	-1.56E-03	1.59E-03	-1.30E-02	0.00E+00	0.00E+00	-6.19E-09	-2.98E-07	-4.97E-03	-2.69E+00	0.00E+00	0.00E+00	-4.19E+00	0.00E+00	-8.66E-01	0.00E+00	-8.15E-09	-4.57E-08	-3.60E-03	0.00E+00	-6.42E-01	0.00E+00	-8.66E-01	-3.55E-05	-8.66E-01	-1.58E+00	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
NC440P	-3.11E-02	-2.16E-01	-5.20E-03	-3.42E-01	0.00E+00	0.00E+00	-7.06E+00	-2.85E-03	4.79E-04	-2.27E-02	0.00E+00	0.00E+00	-5.44E-09	-3.99E-07	-3.08E-02	-1.60E+01	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-4.01E+00	0.00E+00	-1.25E-08	-8.74E-08	-5.58E-03	0.00E+00	-2.51E+00	0.00E+00	-4.01E+00	-8.94E-05	-4.01E+00	-5.62E+00	-2.51E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NC450A	-3.45E-02	-2.46E-02	-2.40E-03	-9.80E-02	0.00E+00	0.00E+00	-9.66E+00	-3.00E-03	-2.19E-03	-2.41E-02	0.00E+00	0.00E+00	-7.88E-09	-3.57E-07	-8.21E-03	-3.48E+00	0.00E+00	0.00E+00	-8.92E+00	0.00E+00	-3.35E+00	0.00E+00	-3.34E-09	-9.50E-08	-8.05E-03	0.00E+00	-1.08E+00	0.00E+00	-3.35E+00	-1.32E-04	-3.35E+00	-4.06E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-3.71E+02
NC450P	-4.46E-02	-6.06E-02	-3.20E-03	-1.43E-01	0.00E+00	0.00E+00	-9.11E+00	-3.91E-03	-2.37E-03	-2.70E-02	0.00E+00	0.00E+00	-7.88E-09	-4.64E-07	-1.75E-02	-4.58E+00	0.00E+00	0.00E+00	-8.51E+00	0.00E+00	-1.85E+00	0.00E+00	-5.53E-09	-1.04E-07	-8.55E-03	0.00E+00	-1.65E+00	0.00E+00	-1.85E+00	-1.30E-04	-1.85E+00	-2.59E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-3.45E+02
NC463A	-2.72E-02	-7.15E-03	-2.93E-03	-1.19E-01	0.00E+00	0.00E+00	-8.79E+00	-2.50E-03	-1.40E-03	-1.82E-02	0.00E+00	0.00E+00	-7.43E-09	-3.28E-07	-6.80E-04	-3.36E+00	0.00E+00	0.00E+00	-7.62E+00	0.00E+00	-1.85E+00	0.00E+00	-3.34E-09	-8.02E-08	-6.37E-03	0.00E+00	-8.99E-01	0.00E+00	-1.85E+00	-1.01E-04	-1.85E+00	-2.79E+00	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
NC463P	-4.01E-02	-3.61E-02	-2.79E-03	-1.46E-01	0.00E+00	0.00E+00	-9.46E+00	-3.62E-03	-1.68E-03	-2.34E-02	0.00E+00	0.00E+00	-7.74E-09	-4.36E-07	-1.46E-02	-4.46E+00	0.00E+00	0.00E+00	-8.24E+00	0.00E+00	-1.13E+00	0.00E+00	-6.12E-09	-9.03E-08	-7.46E-03	0.00E+00	-1.57E+00	0.00E+00	-1.13E+00	-1.18E-04	-1.13E+00	-2.18E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-3.61E+02
NCN002	-5.00E-03	-5.02E-02	2.18E-04	-5.00E-03	0.00E+00	0.00E+00	-1.05E+00	-4.22E-04	3.98E-05	-2.30E-03	0.00E+00	0.00E+00	-8.83E-10	-5.24E-08	-6.80E-04	-8.43E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.76E-01	0.00E+00	1.59E-09	-1.01E-08	-5.67E-04	0.00E+00	-1.05E-01	0.00E+00	-2.76E-01	-1.45E-05	-2.76E-01	-6.78E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
NCN003	-4.71E-03	-5.64E-02	1.75E-04	-1.75E-02	0.00E+00	0.00E+00	-9.64E-01	-3.87E-04	5.46E-05	-2.24E-03	0.00E+00	0.00E+00	-8.93E-10	-4.66E-08	-8.67E-04	-8.25E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.98E-01	0.00E+00	1.28E-09	-1.01E-08	-5.79E-04	0.00E+00	-1.12E-01	0.00E+00	-2.98E-01	-1.27E-05	-2.98E-01	-7.15E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
NCN004	-4.90E-03	-4.99E-02	2.64E-04	-6.49E-03	0.00E+00	0.00E+00	-1.03E+00	-4.26E-04	4.59E-05	-2.35E-03	0.00E+00	0.00E+00	-9.08E-10	-5.62E-08	-7.74E-04	-8.57E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-2.66E-01	0.00E+00	1.57E-09	-1.00E-08	-5.55E-04	0.00E+00	-1.13E-01	0.00E+00	-2.66E-01	-1.31E-05	-2.66E-01	-6.68E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.15E+01
NCN006	-3.57E-03	-1.30E-01	-1.71E-03	-1.28E-01	0.00E+00	0.00E+00	-1.05E+00	-3.35E-04	-2.23E-04	-2.77E-03	0.00E+00	0.00E+00	-1.30E-09	-3.85E-08	-1.78E-03	-7.19E-01	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-1.27E+00	0.00E+00	-5.66E-09	-1.43E-08	-9.93E-04	0.00E+00	-1.74E-01	0.00E+00	-1.27E+00	-1.06E-05	-1.27E+00	-1.44E+00	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
NCN010	-2.16E-04	-7.14E-02	2.66E-04	-7.17E-02	0.00E+00	0.00E+00	-2.24E-02	-3.75E-05	1.66E-04	-7.62E-04	0.00E+00	0.00E+00	-7.44E-10	-1.15E-09	-6.35E-03	-3.63E-01	0.00E+00	0.00E+00	-4.34E-01	0.00E+00	-6.59E-01	0.00E+00	-1.40E-09	-6.61E-09	-3.76E-04	0.00E+00	-1.07E-01	0.00E+00	-6.59E-01	-1.82E-06	-6.59E-01	-7.66E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
NCN013	-4.90E-03	-4.90E-02	-1.58E-03	-4.75E-02	0.00E+00	0.00E+00	-1.38E+00	-4.84E-04	-2.23E-04	-2.90E-03	0.00E+00	0.00E+00	-1.55E-09	-5.58E-08	-1.09E-03	-6.66E-01	0.00E+00	0.00E+00	-1.57E+00	0.00E+00	-1.17E+00	0.00E+00	-3.69E-09	-1.60E-08	-1.07E-03	0.00E+00	-1.79E-01	0.00E+00	-1.17E+00	-1.49E-05	-1.17E+00	-1.35E+00	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
NCN016	6.15E-04	1.31E-01	3.51E-03	1.27E-01	0.00E+00	0.00E+00	7.59E-01	-1.42E-05	3.79E-04	1.07E-03	0.00E+00	0.00E+00	-1.18E-11	2.95E-09	5.10E-03	4.82E-02	0.00E+00	0.00E+00	5.17E-01	0.00E+00	9.47E-01	0.00E+00	8.43E-09	2.86E-09	2.42E-04	0.00E+00	7.97E-02	0.00E+00	9.47E-01	-4.56E-07	9.47E-01	1.03E+00	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
NCN020	5.34E-04	3.77E-02	1.75E-03	3.60E-02	0.00E+00	0.00E+00	2.01E-01	-2.59E-05	5.43E-04	1.89E-04	0.00E+00	0.00E+00	-7.13E-10	3.58E-09	2.06E-03	-7.68E-02	0.00E+00	0.00E+00	-1.94E-01	0.00E+00	-1.41E-01	0.00E+00	2.54E-09	-3.61E-09	-1.18E-04	0.00E+00	-8.70E-03	0.00E+00	-1.41E-01	-1.46E-06	-1.41E-01	-1.50E-01	-8.70E-03	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
NCN025	1.08E-03	1.62E-01	4.81E-03	1.57E-01	0.00E+00	0.00E+00	1.04E+00	-7.96E-06	6.42E-04	1.40E-03	0.00E+00	0.00E+00	1.87E-10	6.32E-09	6.42E-03	4.19E-02	0.00E+00	0.00E+00	8.31E-01	0.00E+00	1.37E+00	0.00E+00	1.11E-08	5.40E-09	3.89E-04	0.00E+00	1.10E-01	0.00E+00	1.37E+00	-1.03E-07	1.37E+00	1.49E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
NCN032	-4.01E-03	9.78E-03	1.12E-03	3.39E-02	0.00E+00	0.00E+00	-8.82E-01	-5.16E-04	2.75E-05	-2.39E-03	0.00E+00	0.00E+00	-8.23E-10	-6.17E-08	5.94E-04	-7.68E-01	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-5.79E-02	0.00E+00	2.81E-09	-8.42E-09	-6.38E-04	0.00E+00	-8.82E-02	0.00E+00	-5.79E-02	-1.50E-05	-5.79E-02	-1.95E-01	-8.82E-02	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
NCN040	1.44E-03	7.65E-02	4.86E-03	7.16E-02	0.00E+00	0.00E+00	1.05E+00	-8.09E-06	1.01E-03	7.58E-04	0.00E+00	0.00E+00	8.88E-11	1.04E-08	5.60E-03	-8.72E-02	0.00E+00	0.00E+00	7.33E-01	0.00E+00	1.17E+00	0.00E+00	9.23E-09	4.46E-09	2.68E-04	0.00E+00	7.94E-02	0.00E+00	1.17E+00	-3.39E-07	1.17E+00	1.25E+00	7.94E-02	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NCN050	1.12E-03	6.14E-02	3.13E-03	5.82E-02	0.00E+00	0.00E+00	3.43E-01	-3.54E-05	1.02E-03	3.78E-04	0.00E+00	0.00E+00	-6.08E-10	7.39E-09	2.76E-03	6.45E-02	0.00E+00	0.00E+00	8.44E-02	0.00E+00	8.03E-02	0.00E+00	4.14E-09	-2.21E-09	-3.56E-05	0.00E+00	3.98E-02	0.00E+00	8.03E-02	-1.70E-06	8.03E-02	1.20E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-01
NCN063	1.04E-03	-1.48E-02	3.18E-03	-1.80E-02	0.00E+00	0.00E+00	4.94E-01	-2.91E-05	9.81E-04	-1.52E-04	0.00E+00	0.00E+00	-4.30E-10	8.12E-09	-4.00E-03	-2.27E-01	0.00E+00	0.00E+00	1.65E-01	0.00E+00	7.91E-02	0.00E+00	3.47E-09	-2.08E-09	-1.07E-04	0.00E+00	-2.74E-02	0.00E+00	7.91E-02	-1.36E-06	7.91E-02	5.17E-02	-2.74E-02	0.00E+00	0.00E+00	0.00E+00	5.00E+00
NCN100	-4.99E-03	-5.94E-02	2.00E-04	-2.01E-02	0.00E+00	0.00E+00	-1.05E+00	-4.21E-04	4.22E-05	-2.33E-03	0.00E+00	0.00E+00	-9.61E-10	-4.63E-08	-1.36E-03	-8.47E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-3.03E-01	0.00E+00	8.87E-10	-1.09E-08	-6.41E-04	0.00E+00	-1.13E-01	0.00E+00	-3.03E-01	-1.44E-05	-3.03E-01	-7.09E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.33E+01
NCN100A	-5.04E-03	-5.99E-02	1.72E-04	-2.01E-02	0.00E+00	0.00E+00	-1.05E+00	-4.06E-04	4.22E-05	-2.35E-03	0.00E+00	0.00E+00	-9.91E-10	-4.86E-08	-1.41E-03	-8.50E-01	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-2.83E-01	0.00E+00	8.87E-10	-1.10E-08	-6.66E-04	0.00E+00	-1.15E-01	0.00E+00	-2.83E-01	-1.45E-05	-2.83E-01	-7.17E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NCN100N	-3.81E-03	-9.52E-03	5.25E-04	-3.10E-02	0.00E+00	0.00E+00	-8.58E-01	-3.42E-04	3.66E-05	-1.42E-03	0.00E+00	0.00E+00	-7.13E-10	-4.18E-08	-4.82E-03	-6.80E-01	0.00E+00	0.00E+00	-9.44E-01	0.00E+00	-1.96E-02	0.00E+00	1.04E-09	-7.56E-09	-6.27E-04	0.00E+00	-1.06E-01	0.00E+00	-1.96E-02	-9.20E-06	-1.96E-02	-2.53E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
NCN101	-4.48E-03	-5.14E-02	2.42E-04	-9.00E-03	0.00E+00	0.00E+00	-9.89E-01	-4.13E-04	5.13E-05	-1.95E-03	0.00E+00	0.00E+00	-9.32E-10	-5.21E-08	-1.14E-03	-8.01E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-2.99E-01	0.00E+00	1.22E-09	-1.01E-08	-5.94E-04	0.00E+00	-1.11E-01	0.00E+00	-2.99E-01	-1.29E-05	-2.99E-01	-6.92E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.16E+01
NCN101A	-4.49E-03	-5.20E-02	2.14E-04	-9.36E-03	0.00E+00	0.00E+00	-1.02E+00	-3.98E-04	5.13E-05	-1.96E-03	0.00E+00	0.00E+00	-9.63E-10	-5.40E-08	-1.20E-03	-8.03E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.85E-01	0.00E+00	1.22E-09	-1.01E-08	-6.29E-04	0.00E+00	-1.13E-01	0.00E+00	-2.85E-01	-1.32E-05	-2.85E-01	-7.00E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
NCN101N	-3.81E-03	-9.52E-03	5.25E-04	-3.20E-02	0.00E+00	0.00E+00	-8.58E-01	-3.42E-04	3.66E-05	-1.42E-03	0.00E+00	0.00E+00	-7.13E-10	-4.18E-08	-4.80E-03	-6.80E-01	0.00E+00	0.00E+00	-9.44E-01	0.00E+00	-8.76E-03	0.00E+00	1.04E-09	-7.56E-09	-6.27E-04	0.00E+00	-1.06E-01	0.00E+00	-8.76E-03	-9.20E-06	-8.76E-03	-2.53E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
NCN102	-5.02E-03	-5.02E-02	2.18E-04	-5.00E-03	0.00E+00	0.00E+00	-1.06E+00	-4.36E-04	3.98E-05	-2.30E-03	0.00E+00	0.00E+00	-8.83E-10	-5.61E-08	-6.61E-04	-8.45E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.76E-01	0.00E+00	1.59E-09	-1.01E-08	-5.70E-04	0.00E+00	-1.06E-01	0.00E+00	-2.76E-01	-1.46E-05	-2.76E-01	-6.78E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
NCN102A	-5.12E-03	-5.06E-02	1.23E-04	-4.55E-03	0.00E+00	0.00E+00	-1.09E+00	-4.67E-04	3.98E-05	-2.36E-03	0.00E+00	0.00E+00	-9.32E-10	-6.17E-08	-7.87E-04	-8.43E-01	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.70E-01	0.00E+00	1.59E-09	-1.04E-08	-6.30E-04	0.00E+00	-1.07E-01	0.00E+00	-2.70E-01	-1.50E-05	-2.70E-01	-6.93E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
NCN102N	-3.57E-03	-8.95E-03	5.25E-04	-2.57E-02	0.00E+00	0.00E+00	-8.15E-01	-2.75E-04	3.66E-05	-1.29E-03	0.00E+00	0.00E+00	-6.53E-10	-3.65E-08	-4.09E-03	-6.40E-01	0.00E+00	0.00E+00	-7.90E-01	0.00E+00	-8.76E-03	0.00E+00	1.42E-09	-5.85E-09	-5.86E-04	0.00E+00	-8.58E-02	0.00E+00	-8.76E-03	-9.04E-06	-8.76E-03	-2.40E-01	-8.58E-02	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
NCN103	-4.31E-03	-5.60E-02	1.75E-04	-1.83E-02	0.00E+00	0.00E+00	-9.43E-01	-3.63E-04	6.36E-05	-1.88E-03	0.00E+00	0.00E+00	-8.74E-10	-4.45E-08	-8.35E-04	-8.15E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-2.98E-01	0.00E+00	1.28E-09	-9.90E-09	-5.72E-04	0.00E+00	-1.14E-01	0.00E+00	-2.98E-01	-1.25E-05	-2.98E-01	-7.15E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
NCN103A	-4.37E-03	-5.66E-02	1.48E-04	-1.83E-02	0.00E+00	0.00E+00	-9.52E-01	-3.47E-04	6.08E-05	-1.91E-03	0.00E+00	0.00E+00	-9.27E-10	-4.72E-08	-9.40E-04	-8.13E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.84E-01	0.00E+00	1.28E-09	-1.01E-08	-5.97E-04	0.00E+00	-1.14E-01	0.00E+00	-2.84E-01	-1.27E-05	-2.84E-01	-7.23E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.17E+01
NCN103N	-3.73E-03	-7.90E-03	5.48E-04	-2.77E-02	0.00E+00	0.00E+00	-8.26E-01	-2.88E-04	3.66E-05	-1.32E-03	0.00E+00	0.00E+00	-6.70E-10	-3.94E-08	-3.92E-03	-6.73E-01	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	-1.20E-02	0.00E+00	1.38E-09	-6.43E-09	-5.92E-04	0.00E+00	-9.02E-02	0.00E+00	-1.20E-02	-8.82E-06	-1.20E-02	-2.53E-01	-9.02E-02	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
NCN104	-5.13E-03	-4.99E-02	2.64E-04	-5.50E-03	0.00E+00	0.00E+00	-1.11E+00	-4.62E-04	3.98E-05	-2.45E-03	0.00E+00	0.00E+00	-9.16E-10	-6.06E-08	-7.26E-04	-8.76E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.66E-01	0.00E+00	1.59E-09	-1.02E-08	-5.78E-04	0.00E+00	-1.12E-01	0.00E+00	-2.66E-01	-1.48E-05	-2.66E-01	-6.61E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.36E+01
NCN104A	-4.70E-03	-4.94E-02	1.69E-04	-6.48E-03	0.00E+00	0.00E+00	-1.06E+00	-4.41E-04	5.49E-05	-2.20E-03	0.00E+00	0.00E+00	-9.53E-10	-6.29E-08	-7.59E-04	-8.51E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.53E-01	0.00E+00	1.57E-09	-1.01E-08	-6.12E-04	0.00E+00	-1.15E-01	0.00E+00	-2.53E-01	-1.38E-05	-2.53E-01	-6.76E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01

NCN104N	-3.59E-03	-8.03E-03	5.48E-04	-2.52E-02	0.00E+00	0.00E+00	-8.10E-01	-2.70E-04	3.66E-05	-1.30E-03	0.00E+00	0.00E+00	-6.49E-10	-3.58E-08	-3.98E-03	-6.63E-01	0.00E+00	0.00E+00	-7.93E-01	0.00E+00	-3.11E-02	0.00E+00	1.48E-09	-5.91E-09	-5.83E-04	0.00E+00	-8.63E-02	0.00E+00	-3.11E-02	-8.74E-06	-3.11E-02	-2.40E-01	-8.63E-02	0.00E+00	0.00E+00	0.00E+00	-3.47E+01
NCN106	-2.67E-03	-2.61E-03	5.54E-04	1.02E-02	0.00E+00	0.00E+00	-4.75E-01	-2.44E-04	8.89E-05	-1.18E-03	0.00E+00	0.00E+00	-7.18E-10	-2.66E-08	4.72E-06	-4.25E-01	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	-1.74E-01	0.00E+00	1.79E-09	-6.83E-09	-3.76E-04	0.00E+00	-5.62E-02	0.00E+00	-1.74E-01	-5.76E-06	-1.74E-01	-3.23E-01	-5.62E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
NCN106A	-2.81E-03	2.01E-03	1.17E-03	8.40E-04	0.00E+00	0.00E+00	-1.69E-01	-2.96E-04	-9.80E-05	-1.39E-03	0.00E+00	0.00E+00	-4.55E-10	-3.33E-08	2.62E-03	-7.40E-01	0.00E+00	0.00E+00	-3.29E-01	0.00E+00	2.51E-01	0.00E+00	3.10E-09	-4.99E-09	-4.34E-04	0.00E+00	-8.98E-02	0.00E+00	2.51E-01	-8.63E-06	2.51E-01	1.61E-01	-8.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
NCN106N	-2.16E-03	-3.43E-03	8.89E-04	-3.89E-02	0.00E+00	0.00E+00	-8.06E-01	-3.20E-04	5.45E-05	-1.06E-03	0.00E+00	0.00E+00	-6.56E-10	-3.30E-08	-3.25E-03	-7.09E-01	0.00E+00	0.00E+00	-9.97E-01	0.00E+00	-1.05E-01	0.00E+00	8.12E-10	-7.30E-09	-7.54E-04	0.00E+00	-7.80E-02	0.00E+00	-1.05E-01	-7.51E-06	-1.05E-01	-1.76E-01	-7.80E-02	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
NCN106P	-3.26E-03	-3.90E-02	4.26E-04	-7.15E-02	0.00E+00	0.00E+00	-4.74E-01	-3.09E-04	4.43E-05	-1.97E-03	0.00E+00	0.00E+00	-9.58E-10	-3.30E-08	-1.41E-03	-1.46E+00	0.00E+00	0.00E+00	-6.82E-01	0.00E+00	-1.23E-01	0.00E+00	1.95E-09	-6.35E-09	-5.44E-04	0.00E+00	-2.18E-01	0.00E+00	-1.23E-01	-1.09E-05	-1.23E-01	-5.41E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
NCN108A	-2.59E-03	-5.49E-04	5.15E-04	7.71E-03	0.00E+00	0.00E+00	-4.83E-01	-2.27E-04	4.34E-05	-1.17E-03	0.00E+00	0.00E+00	-8.11E-10	-2.50E-08	-2.55E-04	-4.50E-01	0.00E+00	0.00E+00	-6.19E-01	0.00E+00	-1.67E-01	0.00E+00	1.84E-09	-6.71E-09	-4.60E-04	0.00E+00	-6.17E-02	0.00E+00	-1.67E-01	-5.62E-06	-1.67E-01	-3.36E-01	-6.17E-02	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
NCN110	-4.05E-03	-1.11E-01	-1.42E-03	-1.10E-01	0.00E+00	0.00E+00	-1.04E+00	-3.89E-04	-2.22E-04	-2.87E-03	0.00E+00	0.00E+00	-1.27E-09	-4.46E-08	-1.10E-03	-7.91E-01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-1.04E+00	0.00E+00	-4.27E-09	-1.37E-08	-9.86E-04	0.00E+00	-1.79E-01	0.00E+00	-1.04E+00	-1.20E-05	-1.04E+00	-1.22E+00	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-5.33E+01
NCN110A	-4.05E-03	-1.06E-01	-1.18E-03	-1.05E-01	0.00E+00	0.00E+00	-1.00E+00	-3.88E-04	-2.19E-04	-2.82E-03	0.00E+00	0.00E+00	-1.18E-09	-4.45E-08	-7.61E-03	-8.27E-01	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-1.06E+00	0.00E+00	-3.85E-09	-1.38E-08	-9.74E-04	0.00E+00	-2.11E-01	0.00E+00	-1.06E+00	-1.18E-05	-1.06E+00	-1.27E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
NCN110N	-3.48E-03	-7.91E-03	7.93E-04	-6.02E-02	0.00E+00	0.00E+00	-9.52E-01	-4.55E-04	5.72E-05	-1.66E-03	0.00E+00	0.00E+00	-1.09E-09	-4.54E-08	-4.34E-03	-1.00E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-7.31E-02	0.00E+00	1.06E-09	-1.06E-08	-9.54E-04	0.00E+00	-1.36E-01	0.00E+00	-7.31E-02	-1.37E-05	-7.31E-02	-2.00E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
NCN110P	-3.03E-03	-6.74E-03	1.26E-03	5.70E-03	0.00E+00	0.00E+00	-3.48E-01	-2.97E-04	3.00E-05	-1.67E-03	0.00E+00	0.00E+00	-6.92E-10	-3.52E-08	4.12E-04	-5.70E-01	0.00E+00	0.00E+00	-4.76E-01	0.00E+00	-5.88E-02	0.00E+00	3.01E-09	-4.93E-09	-3.48E-04	0.00E+00	-9.21E-02	0.00E+00	-5.88E-02	-5.97E-06	-5.88E-02	-1.70E-01	-9.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
NCN113	-2.53E-03	5.42E-03	5.43E-04	1.03E-02	0.00E+00	0.00E+00	-4.68E-01	-2.34E-04	8.89E-05	-1.16E-03	0.00E+00	0.00E+00	-7.49E-10	-2.31E-08	1.99E-04	-4.51E-01	0.00E+00	0.00E+00	-6.13E-01	0.00E+00	-1.54E-01	0.00E+00	2.05E-09	-6.91E-09	-3.86E-04	0.00E+00	-5.88E-02	0.00E+00	-1.54E-01	-5.25E-06	-1.54E-01	-3.23E-01	-5.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
NCN113A	-2.52E-03	5.56E-03	5.24E-04	8.92E-03	0.00E+00	0.00E+00	-4.71E-01	-2.34E-04	6.18E-05	-1.21E-03	0.00E+00	0.00E+00	-7.60E-10	-2.29E-08	1.99E-04	-4.63E-01	0.00E+00	0.00E+00	-6.10E-01	0.00E+00	-1.60E-01	0.00E+00	2.05E-09	-6.92E-09	-3.96E-04	0.00E+00	-5.84E-02	0.00E+00	-1.60E-01	-5.13E-06	-1.60E-01	-3.23E-01	-5.84E-02	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
NCN116	-2.87E-03	9.76E-03	6.98E-04	2.71E-02	0.00E+00	0.00E+00	-4.79E-01	-2.75E-04	8.32E-05	-1.16E-03	0.00E+00	0.00E+00	-7.37E-10	-3.26E-08	2.55E-04	-4.71E-01	0.00E+00	0.00E+00	-6.27E-01	0.00E+00	-8.70E-02	0.00E+00	2.43E-09	-6.71E-09	-3.74E-04	0.00E+00	-5.34E-02	0.00E+00	-8.70E-02	-5.62E-06	-8.70E-02	-2.37E-01	-5.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
NCN116A	5.79E-04	6.75E-02	3.53E-03	6.39E-02	0.00E+00	0.00E+00	8.79E-01	-8.16E-06	3.44E-04	6.37E-04	0.00E+00	0.00E+00	1.50E-10	3.61E-09	5.00E-03	-2.09E-01	0.00E+00	0.00E+00	6.67E-01	0.00E+00	1.02E+00	0.00E+00	7.74E-09	3.46E-09	1.95E-04	0.00E+00	5.37E-02	0.00E+00	1.02E+00	-1.36E-07	1.02E+00	1.08E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	2.41E+01
NCN116N	-4.34E-03	4.06E-02	6.28E-04	4.00E-02	0.00E+00	0.00E+00	-7.24E-01	-4.53E-04	-1.48E-04	-1.96E-03	0.00E+00	0.00E+00	-9.32E-10	-5.17E-08	2.09E-03	-3.91E-01	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	-9.23E-02	0.00E+00	2.49E-09	-9.46E-09	-7.01E-04	0.00E+00	-6.48E-02	0.00E+00	-9.23E-02	-1.44E-05	-9.23E-02	-1.57E-01	-6.48E-02	0.00E+00	0.00E+00	0.00E+00	-3.77E+01
NCN116P	-3.02E-03	-1.48E-02	4.37E-04	-2.70E-02	0.00E+00	0.00E+00	-4.74E-01	-2.86E-04	4.43E-05	-1.80E-03	0.00E+00	0.00E+00	-7.94E-10	-2.00E-08	-1.41E-04	-6.04E-01	0.00E+00	0.00E+00	-5.62E-01	0.00E+00	-1.69E-01	0.00E+00	1.93E-09	-5.81E-09	-3.88E-04	0.00E+00	-1.24E-01	0.00E+00	-1.69E-01	-8.48E-06	-1.69E-01	-3.66E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
NCN120	-4.75E-03	1.05E-02	6.82E-04	2.66E-02	0.00E+00	0.00E+00	-7.91E-01	-4.81E-04	5.74E-05	-2.16E-03	0.00E+00	0.00E+00	-8.40E-10	-8.06E-08	1.99E-04	-6.71E-01	0.00E+00	0.00E+00	-8.31E-01	0.00E+00	-9.66E-02	0.00E+00	2.44E-09	-8.58E-09	-5.83E-04	0.00E+00	-6.97E-02	0.00E+00	-9.66E-02	-1.59E-05	-9.66E-02	-2.34E-01	-6.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
NCN120A	-8.03E-03	-2.71E-02	6.09E-04	-2.77E-02	0.00E+00	0.00E+00	-1.31E+00	-8.18E-04	-3.20E-04	-4.24E-03	0.00E+00	0.00E+00	-8.87E-10	-9.42E-08	-4.55E-03	-1.15E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	6.31E-03	0.00E+00	2.05E-09	-1.35E-08	-1.21E-03	0.00E+00	-2.01E-01	0.00E+00	6.31E-03	-2.34E-05	6.31E-03	-1.95E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
NCN120N	-3.65E-03	-9.44E-03	7.27E-04	-6.35E-02	0.00E+00	0.00E+00	-1.59E+00	-5.24E-04	4.47E-05	-1.84E-03	0.00E+00	0.00E+00	-1.16E-09	-6.33E-08	-6.38E-03	-2.74E+00	0.00E+00	0.00E+00	-1.40E+00	0.00E+00	-1.12E-01	0.00E+00	1.08E-09	-1.18E-08	-1.26E-03	0.00E+00	-5.25E-01	0.00E+00	-1.12E-01	-1.41E-05	-1.12E-01	-3.02E-01	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
NCN120P	-3.18E-03	-1.51E-02	4.67E-04	-2.54E-02	0.00E+00	0.00E+00	-5.42E-01	-3.36E-04	4.43E-05	-1.79E-03	0.00E+00	0.00E+00	-8.94E-10	-3.57E-08	-2.78E-04	-8.48E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.62E-01	0.00E+00	1.90E-09	-6.81E-09	-4.64E-04	0.00E+00	-1.43E-01	0.00E+00	-1.62E-01	-1.05E-05	-1.62E-01	-3.97E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
NCN125	-4.46E-03	5.17E-03	5.52E-04	7.21E-03	0.00E+00	0.00E+00	-8.20E-01	-5.06E-04	2.96E-05	-2.44E-03	0.00E+00	0.00E+00	-9.50E-10	-6.94E-08	8.61E-06	-7.71E-01	0.00E+00	0.00E+00	-8.40E-01	0.00E+00	-1.56E-01	0.00E+00	2.16E-09	-8.90E-09	-6.19E-04	0.00E+00	-9.02E-02	0.00E+00	-1.56E-01	-1.50E-05	-1.56E-01	-2.99E-01	-9.02E-02	0.00E+00	0.00E+00	0.00E+00	-4.02E+01
NCN125A	-4.84E-03	5.66E-03	5.63E-04	1.08E-02	0.00E+00	0.00E+00	-8.34E-01	-5.04E-04	2.69E-05	-2.48E-03	0.00E+00	0.00E+00	-9.75E-10	-7.33E-08	2.02E-04	-6.98E-01	0.00E+00	0.00E+00	-8.79E-01	0.00E+00	-1.42E-01	0.00E+00	2.16E-09	-9.29E-09	-6.86E-04	0.00E+00	-7.66E-02	0.00E+00	-1.42E-01	-1.53E-05	-1.42E-01	-3.24E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
NCN125N	-4.22E-03	-2.42E-02	6.98E-04	-2.19E-02	0.00E+00	0.00E+00	-1.69E+00	-5.74E-04	1.24E-03	-2.01E-03	0.00E+00	0.00E+00	-9.56E-10	-6.45E-08	-5.37E-03	-2.75E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	1.33E-01	0.00E+00	5.64E-10	-1.14E-08	-1.29E-03	0.00E+00	-4.84E-01	0.00E+00	1.33E-01	-1.49E-05	1.33E-01	-6.22E-02	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-5.48E+01
NCN125P	-3.23E-03	-1.49E-02	4.76E-04	-2.57E-02	0.00E+00	0.00E+00	-5.50E-01	-3.37E-04	4.16E-05	-1.80E-03	0.00E+00	0.00E+00	-9.42E-10	-3.81E-08	-2.08E-04	-8.65E-01	0.00E+00	0.00E+00	-6.52E-01	0.00E+00	-1.62E-01	0.00E+00	1.98E-09	-6.88E-09	-4.67E-04	0.00E+00	-1.44E-01	0.00E+00	-1.62E-01	-1.08E-05	-1.62E-01	-3.97E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
NCN132	-4.26E-03	9.78E-03	1.11E-03	3.30E-02	0.00E+00	0.00E+00	-8.71E-01	-5.21E-04	2.75E-05	-2.40E-03	0.00E+00	0.00E+00	-8.24E-10	-6.11E-08	5.94E-04	-7.87E-01	0.00E+00	0.00E+00	-8.35E-01	0.00E+00	-6.15E-02	0.00E+00	2.91E-09	-8.48E-09	-6.37E-04	0.00E+00	-8.52E-02	0.00E+00	-6.15E-02	-1.59E-05	-6.15E-02	-2.02E-01	-8.52E-02	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
NCN132A	7.08E-04	-2.94E-02	2.14E-03	-3.15E-02	0.00E+00	0.00E+00	3.09E-01	-2.28E-05	6.83E-04	-2.72E-04	0.00E+00	0.00E+00	-5.51E-10	5.81E-09	1.85E-03	-3.05E-01	0.00E+00	0.00E+00	4.68E-02	0.00E+00	-1.05E-01	0.00E+00	1.72E-09	-3.19E-09	-1.79E-04	0.00E+00	-2.22E-02	0.00E+00	-1.05E-01	-1.20E-06	-1.05E-01	-1.27E-01	-2.22E-02	0.00E+00	0.00E+00	0.00E+00	-4.29E-02
NCN132N	-6.98E-03	-3.45E-02	5.32E-05	-1.69E-02	0.00E+00	0.00E+00	-2.12E+00	-8.29E-04	1.22E-03	-3.44E-03	0.00E+00	0.00E+00	-1.18E-09	-8.06E-08	-7.03E-03	-3.07E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	1.24E-02	0.00E+00	7.44E-10	-1.50E-08	-1.50E-03	0.00E+00	-5.29E-01	0.00E+00	1.24E-02	-1.99E-05	1.24E-02	-3.34E-01	-5.29E-01	0.00E+00	0.00E+00	0.00E+00	-7.58E+01
NCN132P	-5.14E-03	-3.11E-02	-2.85E-05	-6.02E-02	0.00E+00	0.00E+00	-9.55E-01	-5.34E-04	1.86E-05	-3.76E-03	0.00E+00	0.00E+00	-1.26E-09	-5.25E-08	-2.84E-03	-1.13E+00	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-3.31E-01	0.00E+00	1.59E-09	-1.11E-08	-1.02E-03	0.00E+00	-1.95E-01	0.00E+00	-3.31E-01	-1.68E-05	-3.31E-01	-8.79E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-5.42E+01
NCN140	-8.10E-03	1.19E-02	3.29E-04	3.17E-02	0.00E+00	0.00E+00	-1.30E+00	-7.44E-04	2.64E-05	-4.03E-03	0.00E+00	0.00E+00	-1.07E-09	-1.21E-07	6.58E-04	-8.37E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-9.47E-02	0.00E+00	2.92E-09	-1.29E-08	-1.05E-03	0.00E+00	-9.52E-02	0.00E+00	-9.47E-02	-2.78E-05	-9.47E-02	-3.41E-01	-9.52E-02	0.00E+00	0.00E+00	0.00E+00	-5.15E+01
NCN140A	-1.48E-02	-6.51E-04	-1.36E-03	7.07E-04	0.00E+00	0.00E+00	-3.24E+00	-1.50E-03	-5.85E-04	-7.55E-03	0.00E+00	0.00E+00	-1.99E-09	-1.74E-07	2.98E-04	-1.44E+00	0.00E+00	0.00E+00	-2.74E+00	0.00E+00	-6.44E-01	0.00E+00	-6.94E-10	-2.67E-08	-2.23E-03	0.00E+00	-2.87E-01	0.00E+00	-6.44E-01	-4.35E-05	-6.44E-01	-9.31E-01	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NCN140N	-7.24E-03	-1.90E-02	1.74E-04	-1.31E-02	0.00E+00	0.00E+00	-2.13E+00	-9.25E-04	1.19E-03	-3.48E-03	0.00E+00	0.00E+00	-1.17E-09	-8.97E-08	-7.97E-03	-3.14E+00	0.00E+00	0.00E+00	-1.72E+00	0.00E+00	-1.67E-02	0.00E+00	8.81E-10	-1.58E-08	-1.62E-03	0.00E+00	-5.01E-01	0.00E+00	-1.67E-02	-2.05E-05	-1.67E-02	-3.01E-01	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-7.63E+01
NCN140P	-5.28E-03	-3.84E-02	-8.99E-05	-6.56E-02	0.00E+00	0.00E+00	-9.80E-01	-5.62E-04	1.29E-05	-3.88E-03	0.00E+00	0.00E+00	-1.31E-09	-5.57E-08	-3.09E-03	-1.11E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-4.00E-01	0.00E+00	1.37E-09	-1.20E-08	-1.07E-03	0.00E+00	-2.06E-01	0.00E+00	-4.00E-01	-1.70E-05	-4.00E-01	-1.08E+00	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NCN150	-2.51E-03	3.69E-02	2.29E-03	5.00E-02	0.00E+00	0.00E+00	-5.85E-02	-4.59E-04	2.09E-04	-1.13E-03	0.00E+00	0.00E+00	-7.54E-10	-3.99E-08	7.76E-04	-6.81E-01	0.00E+00	0.00E+00	-1.91E-01	0.00E+00	3.93E-01	0.00E+00	7.47E-09	-5.50E-09	-4.49E-04	0.00E+00	-1.12E-01	0.00E+00	3.93E-01	-1.27E-05	3.93E-01	2.18E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+00
NCN150A	-1.56E-02	-8.27E-02	-1.59E-03	-8.11E-02	0.00E+00	0.00E+00	-3.30E+00	-1.56E-03	-6.61E-04	-8.49E-03	0.00E+00	0.00E+00	-1.92E-09	-1.82E-07	-6.76E-03	-1.66E+00	0.00E+00	0.00E+00	-2.84E+00	0.00E+00	-7.49E-01	0.00E+00	-1.93E-09	-2.80E-08	-2.42E-03	0.00E+00	-3.53E-01	0.00E+00	-7.49E-01	-4.52E-05	-7.49E-01	-1.10E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NCN150N	-5.67E-03	2.47E-03	8.49E-04	-2.87E-02	0.00E+00	0.00E+00	-1.27E+00	-6.16E-04	3.03E-04	-3.31E-03	0.00E+00	0.00E+00	-1.07E-09	-7.32E-08	-4.29E-03	-1.30E+00	0.00E+00	0.00E+00	-9.29E-01	0.00E+00	1.61E-01	0.00E+00	2.48E-09	-1.14E-08	-9.96E-04	0.00E+00	-1.83E-01	0.00E+00	1.61E-01	-1.80E-05	1.61E-01	-2.15E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
NCN150P	-4.76E-03	-1.30E-01	-3.23E-04	-1.10E-01	0.00E+00	0.00E+00	-6.97E-01	-5.69E-04	-2.81E-05	-3.63E-03	0.00E+00	0.00E+00	-1.08E-09	-4.70E-08	-1.80E-03	-1.40E+00	0.00E+00	0.00E+00	-9.74E-01	0.00E+00	-1.25E+00	0.00E+00	-5.77E-09	-1.20E-08	-9.61E-04	0.00E+00	-2.59E-01	0.00E+00	-1.25E+00	-1.47E-05	-1.25E+00	-1.61E+00	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
NCN163	-1.44E-03	4.25E-03	2.54E-03	2.17E-02	0.00E+00	0.00E+00	-6.21E-03	-2.53E-04	2.62E-04	-6.88E-04	0.00E+00	0.00E+00	-6.48E-10	-9.47E-09	-6.07E-04	-4.95E-01	0.00E+00	0.00E+00	-2.18E-01	0.00E+00	-8.04E-02	0.00E+00	3.16E-09	-5.05E-09	-4.23E-04	0.00E+00	-8.74E-02	0.00E+00	-8.04E-02	-6.25E-06	-8.04E-02	-1.20E-01	-8.74E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
NCN163A	1.69E-03	1.61E-01	5.08E-03	1.56E-01	0.00E+00	0.00E+00	9.80E-01	-3.78E-06	1.12E-03	1.41E-03	0.00E+00	0.00E+00	-6.73E-11	1.15E-08	6.03E-03	2.69E-01	0.00E+00	0.00E+00	6.07E-01	0.00E+00	1.19E+00	0.00E+00	1.08E-08	4.54E-09	3.77E-04	0.00E+00	1.22E-01	0.00E+00	1.19E+00	-3.15E-07	1.19E+00	1.31E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+01
NCN163N	-7.18E-03	-2.10E-02	1.48E-03	-3.59E-02	0.00E+00	0.00E+00	-1.61E+00	-7.15E-04	4.42E-04	-3.95E-03	0.00E+00	0.00E+00	-1.11E-09	-8.16E-08	-4.02E-03	-1.16E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	2.11E-01	0.00E+00	2.07E-09	-1.36E-08	-1.05E-03	0.00E+00	-2.33E-01	0.00E+00	2.11E-01	-2.25E-05	2.11E-01	-4.10E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-6.84E+01
NCN163P	-4.25E-03	-1.46E-01	-3.43E-04	-1.64E-01	0.00E+00	0.00E+00	-7.67E-01	-5.15E-04	1.31E-04	-3.43E-03	0.00E+00	0.00E+00	-1.27E-09	-4.40E-08	-2.13E-03	-2.09E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-1.46E+00	0.00E+00	-6.57E-09	-1.39E-08	-8.34E-04	0.00E+00	-3.87E-01	0.00E+00	-1.46E+00	-1.50E-05	-1.46E+00	-2.18E+00	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
NCN200	-6.42E-03	-6.19E-02	2.40E-04	-2.33E-02	0.00E+00	0.00E+00	-1.97E+00	-5.13E-04	-9.55E-05	-3.33E-03	0.00E+00	0.00E+00	-2.21E-09	-1.28E-07	-5.88E-03	-1.18E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-4.64E-01	0.00E+00	1.78E-09	-1.44E-08	-8.10E-04	0.00E+00	-2.09E-01	0.00E+00	-4.64E-01	-3.95E-05	-4.64E-01	-7.46E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.40E+01
NCN200A	-6.40E-03	-6.01E-02	2.40E-04	-2.04E-02	0.00E+00	0.00E+00	-1.98E+00	-4.96E-04	-9.55E-05	-3.47E-03	0.00E+00	0.00E+00	-2.23E-09	-1.31E-07	-5.92E-03	-1.18E+00	0.00E+00	0.00E+00	-1.97E+00	0.00E+00	-4.51E-01	0.00E+00	1.78E-09	-1.46E-08	-8.54E-04	0.00E+00	-2.09E-01	0.00E+00	-4.51E-01	-3.96E-05	-4.51E-01	-7.63E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.51E+01
NCN200N	-4.84E-03	-1.83E-02	6.02E-04	-2.69E-02	0.00E+00	0.00E+00	-9.62E-01	-4.02E-04	1.49E-04	-1.72E-03	0.00E+00	0.00E+00	-8.58E-10	-4.57E-08	-5.63E-03	-6.83E-01	0.00E+00	0.00E+00	-9.83E-01	0.00E+00	-3.19E-01	0.00E+00	-1.13E-09	-9.53E-09	-7.47E-04	0.00E+00	-9.66E-02	0.00E+00	-3.19E-01	-9.86E-06	-3.19E-01	-4.64E-01	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
NCN201	-6.37E-03	-5.46E-02	2.01E-04	-1.70E-02	0.00E+00	0.00E+00	-2.18E+00	-5.29E-04	-1.22E-04	-3.40E-03	0.00E+00	0.00E+00	-2.19E-09	-1.35E-07	-5.53E-03	-1.15E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-5.32E-01	0.00E+00	1.81E-09	-1.44E-08	-8.08E-04	0.00E+00	-2.05E-01	0.00E+00	-5.32E-01	-3.82E-05	-5.32E-01	-8.00E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-8.75E+01
NCN201A	-6.47E-03	-5.63E-02	2.01E-04	-2.10E-02	0.00E+00	0.00E+00	-2.20E+00	-5.39E-04	-1.67E-04	-3.59E-03	0.00E+00	0.00E+00	-2.23E-09	-1.38E-07	-5.76E-03	-1.22E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-5.09E-01	0.00E+00	1.80E-09	-1.44E-08	-8.62E-04	0.00E+00	-2.08E-01	0.00E+00	-5.09E-01	-3.93E-05	-5.09E-01	-8.07E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.03E+01
NCN201N	-4.84E-03	-1.97E-02	6.02E-04	-2.89E-02	0.00E+00	0.00E+00	-9.62E-01	-4.00E-04	1.49E-04	-1.78E-03	0.00E+00	0.00E+00	-8.59E-10	-4.57E-08	-5.64E-03	-6.81E-01	0.00E+00	0.00E+00	-9.80E-01	0.00E+00	-3.08E-01	0.00E+00	-1.12E-09	-9.49E-09	-7.47E-04	0.00E+00	-9.63E-02	0.00E+00	-3.08E-01	-9.77E-06	-3.08E-01	-4.54E-01	-9.63E-02	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
NCN201P	-7.13E-03	-2.42E-01	-2.19E-03	-1.63E-01	0.00E+00	0.00E+00	-1.59E+00	-5.53E-04	8.93E-06	-4.66E-03	0.00E+00	0.00E+00	-2.55E-09	-5.55E-08	-7.77E-03	-2.19E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-1.57E+00	0.00E+00	-1.17E-09	-2.07E-08	-1.50E-03	0.00E+00	-5.25E-01	0.00E+00	-1.57E+00	-2.15E-05	-1.57E+00	-2.42E+00	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-9.25E+01
NCN202	-7.40E-03	-5.56E-02	1.88E-04	-1.90E-02	0.00E+00	0.00E+00	-2.30E+00	-6.53E-04	-1.25E-04	-3.70E-03	0.00E+00	0.00E+00	-2.22E-09	-1.50E-07	-5.73E-03	-1.22E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-5.57E-01	0.00E+00	1.83E-09	-1.55E-08	-9.27E-04	0.00E+00	-2.09E-01	0.00E+00	-5.57E-01	-4.32E-05	-5.57E-01	-8.50E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-9.37E+01
NCN202A	-7.37E-03	-5.61E-02	2.03E-04	-1.78E-02	0.00E+00	0.00E+00	-2.33E+00	-6.51E-04	-1.14E-04	-3.81E-03	0.00E+00	0.00E+00	-2.22E-09	-1.54E-07	-5.67E-03	-1.21E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-5.38E-01	0.00E+00	1.83E-09	-1.58E-08	-9.60E-04	0.00E+00	-2.11E-01	0.00E+00	-5.38E-01	-4.35E-05	-5.38E-01	-8.67E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.50E+01
NCN202N	-4.53E-03	-1.86E-02	6.52E-04	-2.48E-02	0.00E+00	0.00E+00	-1.04E+00	-3.78E-04	1.50E-04	-1.66E-03	0.00E+00	0.00E+00	-8.38E-10	-4.40E-08	-5.35E-03	-6.78E-01	0.00E+00	0.00E+00	-8.97E-01	0.00E+00	-3.01E-01	0.00E+00	-1.07E-09	-9.09E-09	-7.25E-04	0.00E+00	-8.22E-02	0.00E+00	-3.01E-01	-9.86E-06	-3.01E-01	-4.54E-01	-8.22E-02	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
NCN203	-7.24E-03	-6.83E-02	1.20E-05	-3.24E-02	0.00E+00	0.00E+00	-2.10E+00	-6.51E-04	-1.21E-04	-3.85E-03	0.00E+00	0.00E+00	-2.40E-09	-1.45E-07	-6.64E-03	-1.30E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-5.73E-01	0.00E+00	1.45E-09	-1.66E-08	-1.01E-03	0.00E+00	-2.19E-01	0.00E+00	-5.73E-01	-4.63E-05	-5.73E-01	-9.12E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
NCN203A	-7.31E-03	-6.60E-02	8.08E-05	-2.44E-02	0.00E+00	0.00E+00	-2.11E+00	-6.38E-04	-1.21E-04	-4.13E-03	0.00E+00	0.00E+00	-2.40E-09	-1.49E-07	-6.23E-03	-1.24E+00	0.00E+00	0.00E+00	-2.28E+00	0.00E+00	-5.59E-01	0.00E+00	1.49E-09	-1.67E-08	-9.82E-04	0.00E+00	-2.10E-01	0.00E+00	-5.59E-01	-4.68E-05	-5.59E-01	-9.32E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
NCN203N	-5.18E-03	-1.95E-02	6.85E-04	-2.28E-02	0.00E+00	0.00E+00	-1.05E+00	-5.06E-04	1.60E-04	-1.80E-03	0.00E+00	0.00E+00	-8.84E-10	-4.53E-08	-5.21E-03	-6.32E-01	0.00E+00	0.00E+00	-9.25E-01	0.00E+00	-3.17E-01	0.00E+00	-1.07E-09	-1.01E-08	-7.64E-04	0.00E+00	-8.36E-02	0.00E+00	-3.17E-01	-1.29E-05	-3.17E-01	-4.49E-01	-8.36E-02	0.00E+00	0.00E+00	0.00E+00	-4.27E+01
NCN204	-7.81E-03	-6.62E-02	1.48E-04	-2.86E-02	0.00E+00	0.00E+00	-2.49E+00	-6.97E-04	-1.43E-04	-4.43E-03	0.00E+00	0.00E+00	-2.46E-09	-1.50E-07	-4.92E-03	-1.27E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-7.20E-01	0.00E+00	1.02E-09	-1.97E-08	-1.05E-03	0.00E+00	-2.05E-01	0.00E+00	-7.20E-01	-4.70E-05	-7.20E-01	-1.17E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NCN204A	-7.83E-03	-6.69E-02	1.83E-04	-2.89E-02	0.00E+00	0.00E+00	-2.51E+00	-7.07E-04	-1.43E-04	-4.50E-03	0.00E+00	0.00E+00	-2.47E-09	-1.54E-07	-4.92E-03	-1.27E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-7.07E-01	0.00E+00	1.02E-09	-1.97E-08	-1.04E-03	0.00E+00	-2.05E-01	0.00E+00	-7.07E-01	-4.75E-05	-7.07E-01	-1.18E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NCN204N	-4.88E-03	-1.86E-02	6.85E-04	-2.26E-02	0.00E+00	0.00E+00	-1.04E+00	-4.78E-04	1.60E-04	-1.81E-03	0.00E+00	0.00E+00	-8.69E-10	-4.53E-08	-5.35E-03	-6.39E-01	0.00E+00	0.00E+00	-8.87E-01	0.00E+00	-3.36E-01	0.00E+00	-9.94E-10	-9.74E-09	-7.50E-04	0.00E+00	-8.18E-02	0.00E+00	-3.36E-01	-1.23E-05	-3.36E-01	-4.44E-01	-8.18E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NCN204P	-7.26E-03	-2.39E-01	-2.15E-03	-1.62E-01	0.00E+00	0.00E+00	-1.67E+00	-6.19E-04	1.25E-05	-4.79E-03	0.00E+00	0.00E+00	-2.55E-09	-6.12E-08	-7.74E-03	-2.22E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-1.57E+00	0.00E+00	-1.11E-09	-2.08E-08	-1.58E-03	0.00E+00	-5.32E-01	0.00E+00	-1.57E+00	-2.23E-05	-1.57E+00	-2.42E+00	-5.32E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+01
NCN206	-5.52E-03	-1.89E-02	4.69E-04	-6.47E-04	0.00E+00	0.00E+00	-1.52E+00	-4.43E-04	-9.93E-05	-3.15E-03	0.00E+00	0.00E+00	-2.17E-09	-1.27E-07	-5.41E-03	-1.06E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-3.85E-01	0.00E+00	1.91E-09	-1.39E-08	-6.95E-04	0.00E+00	-1.99E-01	0.00E+00	-3.85E-01	-3.43E-05	-3.85E-01	-4.02E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-6.32E+01
NCN206A	-5.41E-03	-1.48E-02	4.60E-04	2.88E-03	0.00E+00	0.00E+00	-1.53E+00	-4.47E-04	-9.93E-05	-3.26E-03	0.00E+00	0.00E+00	-2.20E-09	-1.30E-07	-5.76E-03	-1.11E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	-3.46E-01	0.00E+00	2.11E-09	-1.41E-08	-7.19E-04	0.00E+00	-2.11E-01	0.00E+00	-3.46E-01	-3.44E-05	-3.46E-01	-3.92E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-6.43E+01
NCN206N	-3.47E-03	-1.77E-02	9.86E-04	-3.77E-02	0.00E+00	0.00E+00	-1.02E+00	-4.50E-04	1.44E-04	-1.61E-03	0.00E+00	0.00E+00	-8.03E-10	-4.60E-08	-5.03E-03	-7.50E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-3.98E-01	0.00E+00	-1.66E-09	-1.10E-08	-9.17E-04	0.00E+00	-8.30E-02	0.00E+00	-3.98E-01	-8.45E-06	-3.98E-01	-4.36E-01	-8.30E-02	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
NCN206P	-6.98E-03	-2.39E-01	-2.27E-03	-1.63E-01	0.00E+00	0.00E+00	-1.64E+00	-5.82E-04	2.09E-07	-4.68E-03	0.00E+00	0.00E+00	-2.55E-09	-5.77E-08	-7.56E-03	-2.18E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-1.59E+00	0.00E+00	-1.11E-09	-2.07E-08	-1.54E-03	0.00E+00	-5.19E-01	0.00E+00	-1.59E+00	-2.17E-05	-1.59E+00	-2.41E+00	-5.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.17E+01
NCN210	-5.89E-03	-2.63E-02	5.39E-04	-2.15E-02	0.00E+00	0.00E+00	-1.59E+00	-5.08E-04	-1.17E-04	-3.47E-03	0.00E+00	0.00E+00	-2.29E-09	-1.40E-07	-6.75E-03	-2.03E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-5.14E-01	0.00E+00	2.10E-09	-1.51E-08	-8.64E-04	0.00E+00	-3.72E-01	0.00E+00	-5.14E-01	-3.66E-05	-5.14E-01	-7.12E-01	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-7.25E+01
NCN210A	7.02E-04	6.12E-02	5.39E-03	5.58E-02	0.00E+00	0.00E+00	1.35E+00	-2.77E-05	5.14E-04	5.79E-04	0.00E+00	0.00E+00	-3.46E-11	4.37E-09	8.05E-03	-5.93E-01	0.00E+00	0.00E+00	8.95E-01	0.00E+00	1.34E+00	0.00E+00	1.10E-08	2.66E-09	1.28E-04	0.00E+00	3.65E-02	0.00E+00	1.34E+00	-9.23E-07	1.34E+00	1.37E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	3.13E+01
NCN210N	-4.69E-03	-3.06E-02	8.22E-04	-5.27E-02	0.00E+00	0.00E+00	-1.21E+00	-6.50E-04	1.79E-04	-2.42E-03	0.00E+00	0.00E+00	-1.43E-09	-6.08E-08	-7.04E-03	-1.08E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-5.28E-01	0.00E+00	-1.76E-09	-1.64E-08	-1.09E-03	0.00E+00	-1.83E-01	0.00E+00	-5.28E-01	-1.51E-05	-5.28E-01	-5.68E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-5.15E+01
NCN210P	-5.70E-03	-2.38E-01	-2.07E-03	-1.56E-01	0.00E+00	0.00E+00	-1.49E+00	-5.30E-04	-1.10E-06	-4.15E-03	0.00E+00	0.00E+00	-2.23E-09	-4.96E-08	-7.00E-03	-2.30E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-1.44E+00	0.00E+00	-1.70E-10	-1.75E-08	-1.05E-03	0.00E+00	-5.23E-01	0.00E+00	-1.44E+00	-1.78E-05	-1.44E+00	-2.32E+00	-5.23E-01	0.00E+00	0.00E+00	0.00E+00	-7.62E+01
NCN213	-6.05E-03	-3.11E-02	4.31E-04	-3.38E-02	0.00E+00	0.00E+00	-1.73E+00	-5.40E-04	-1.32E-04	-4.15E-03	0.00E+00	0.00E+00	-2.48E-09	-1.51E-07	-7.02E-03	-1.94E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-5.24E-01	0.00E+00	1.47E-09	-1.73E-08	-1.00E-03	0.00E+00	-3.77E-01	0.00E+00	-5.24E-01	-4.10E-05	-5.24E-01	-1.05E+00	-3.77E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
NCN216	-6.07E-03	-2.98E-02	5.22E-04	-3.47E-02	0.00E+00	0.00E+00	-1.74E+00	-5.74E-04	-1.42E-04	-4.07E-03	0.00E+00	0.00E+00	-2.59E-09	-1.44E-07	-6.05E-03	-1.98E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-6.43E-01	0.00E+00	1.16E-09	-1.87E-08	-1.04E-03	0.00E+00	-3.74E-01	0.00E+00	-6.43E-01	-4.02E-05	-6.43E-01	-1.20E+00	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
NCN216A	1.35E-03	1.22E-01	7.05E-03	1.15E-01	0.00E+00	0.00E+00	1.81E+00	3.58E-06	7.00E-04	1.28E-03	0.00E+00	0.00E+00	3.24E-10	9.70E-09	1.02E-02	-3.11E-01	0.00E+00	0.00E+00	1.37E+00	0.00E+00	2.05E+00	0.00E+00	1.52E-08	7.21E-09	3.99E-04	0.00E+00	1.23E-01	0.00E+00	2.05E+00	4.49E-07	2.05E+00	2.17E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
NCN216N	-4.96E-03	-4.42E-02	7.22E-04	-6.47E-02	0.00E+00	0.00E+00	-1.35E+00	-7.79E-04	1.71E-04	-2.65E-03	0.00E+00	0.00E+00	-1.74E-09	-7.49E-08	-9.04E-03	-1.15E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-8.38E-01	0.00E+00	-2.26E-09	-2.04E-08	-1.26E-03	0.00E+00	-2.21E-01	0.00E+00	-8.38E-01	-1.64E-05	-8.38E-01	-7.60E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.68E+01
NCN216P	-6.36E-03	-2.44E-01	-2.20E-03	-1.83E-01	0.00E+00	0.00E+00	-1.72E+00	-6.53E-04	-2.55E-05	-4.69E-03	0.00E+00	0.00E+00	-2.44E-09	-6.54E-08	-8.21E-03	-2.15E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-1.69E+00	0.00E+00	-8.68E-10	-2.12E-08	-1.45E-03	0.00E+00	-5.27E-01	0.00E+00	-1.69E+00	-2.13E-05	-1.69E+00	-2.73E+00	-5.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
NCN220	-7.31E-03	-2.50E-02	5.24E-04	-3.02E-02	0.00E+00	0.00E+00	-2.35E+00	-6.21E-04	-2.70E-04	-4.26E-03	0.00E+00	0.00E+00	-2.60E-09	-1.67E-07	-5.94E-03	-1.96E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-6.49E-01	0.00E+00	1.54E-09	-1.89E-08	-1.05E-03	0.00E+00	-3.71E-01	0.00E+00	-6.49E-01	-4.89E-05	-6.49E-01	-1.22E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NCN220A	-7.35E-03	-2.51E-02	5.24E-04	-3.06E-02	0.00E+00	0.00E+00	-2.39E+00	-6.62E-04	-2.70E-04	-4.33E-03	0.00E+00	0.00E+00	-2.62E-09	-1.71E-07	-5.91E-03	-2.06E+00	0.00E+00	0.00E+00	-2.46E+00	0.00E+00	-6.36E-01	0.00E+00	1.54E-09	-1.90E-08	-1.06E-03	0.00E+00	-3.68E-01	0.00E+00	-6.36E-01	-4.93E-05	-6.36E-01	-1.24E+00	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NCN220N	-5.19E-03	-4.73E-02	6.76E-04	-3.70E-02	0.00E+00	0.00E+00	-1.97E+00	-8.92E-04	1.32E-03	-3.11E-03	0.00E+00	0.00E+00	-1.81E-09	-8.38E-08	-9.89E-03	-3.00E+00	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-5.43E-01	0.00E+00	-2.33E-09	-2.26E-08	-1.52E-03	0.00E+00	-5.46E-01	0.00E+00	-5.43E-01	-1.76E-05	-5.43E-01	-4.92E-01	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-7.86E+01
NCN220P	-7.78E-03	-2.50E-01	-2.38E-03	-2.08E-01	0.00E+00	0.00E+00	-1.93E+00	-7.07E-04	-3.74E-05	-5.47E-03	0.00E+00	0.00E+00	-2.74E-09	-6.90E-08	-8.03E-03	-2.21E+00	0.00E+00	0.00E+00	-2.59E+00	0.00E+00	-1.93E+00	0.00E+00	-2.04E-09	-2.56E-08	-1.95E-03	0.00E+00	-5.44E-01	0.00E+00	-1.93E+00	-2.58E-05	-1.93E+00	-2.86E+00	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
NCN225	-5.19E-03	-1.83E-02	1.19E-03	-3.20E-02	0.00E+00	0.00E+00	-2.05E+00	-4.40E-04	2.78E-05	-3.09E-03	0.00E+00	0.00E+00	-2.54E-09	-1.57E-07	-5.46E-03	-1.90E+00	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-7.42E-01	0.00E+00	1.52E-09	-1.67E-08	-8.37E-04	0.00E+00	-4.04E-01	0.00E+00	-7.42E-01	-5.24E-05	-7.42E-01	-1.23E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NCN225A	-5.20E-03	-1.66E-02	1.19E-03	-3.05E-02	0.00E+00	0.00E+00	-2.06E+00	-4.72E-04	2.78E-05	-3.09E-03	0.00E+00	0.00E+00	-2.56E-09	-1.60E-07	-5.53E-03	-1.90E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-7.50E-01	0.00E+00	1.52E-09	-1.68E-08	-8.56E-04	0.00E+00	-4.05E-01	0.00E+00	-7.50E-01	-5.28E-05	-7.50E-01	-1.25E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NCN225N	-6.96E-03	-5.59E-02	7.80E-04	-4.02E-02	0.00E+00	0.00E+00	-2.14E+00	-1.03E-03	1.34E-03	-3.47E-03	0.00E+00	0.00E+00	-2.26E-09	-9.44E-08	-9.91E-03	-3.04E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-5.80E-01	0.00E+00	-2.71E-09	-2.51E-08	-1.86E-03	0.00E+00	-5.88E-01	0.00E+00	-5.80E-01	-1.82E-05	-5.80E-01	-7.55E-01	-5.88E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+01
NCN225P	-8.23E-03	-2.63E-01	-1.77E-03	-2.22E-01	0.00E+00	0.00E+00	-2.17E+00	-7.70E-04	-7.18E-05	-4.84E-03	0.00E+00	0.00E+00	-2.65E-09	-1.11E-07	-7.94E-03	-3.74E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-1.99E+00	0.00E+00	-1.83E-09	-2.39E-08	-1.72E-03	0.00E+00	-6.99E-01	0.00E+00	-1.99E+00	-2.70E-05	-1.99E+00	-3.01E+00	-6.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
NCN232	-3.39E-03	-5.79E-03	1.68E-03	-2.01E-03	0.00E+00	0.00E+00	-2.42E+00	-3.68E-04	1.64E-05	-2.97E-03	0.00E+00	0.00E+00	-2.39E-09	-1.41E-07	-6.05E-03	-1.20E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-5.19E-01	0.00E+00	2.43E-09	-1.45E-08	-6.92E-04	0.00E+00	-2.58E-01	0.00E+00	-5.19E-01	-5.34E-05	-5.19E-01	-8.49E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NCN232A	-3.37E-03	-4.52E-03	1.66E-03	1.93E-03	0.00E+00	0.00E+00	-2.41E+00	-3.88E-04	3.48E-05	-3.02E-03	0.00E+00	0.00E+00	-2.31E-09	-1.44E-07	-5.82E-03	-1.10E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-4.91E-01	0.00E+00	2.45E-09	-1.46E-08	-6.82E-04	0.00E+00	-2.43E-01	0.00E+00	-4.91E-01	-5.38E-05	-4.91E-01	-8.58E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NCN232N	-8.07E-03	-4.73E-02	9.01E-04	-2.22E-02	0.00E+00	0.00E+00	-2.48E+00	-1.05E-03	1.39E-03	-4.15E-03	0.00E+00	0.00E+00	-2.35E-09	-7.77E-08	-1.06E-02	-3.21E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-5.96E-01	0.00E+00	-2.00E-09	-2.48E-08	-1.81E-03	0.00E+00	-5.68E-01	0.00E+00	-5.96E-01	-2.37E-05	-5.96E-01	-8.71E-01	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NCN232P	-5.82E-03	-2.62E-01	-1.58E-03	-1.92E-01	0.00E+00	0.00E+00	-2.78E+00	-5.36E-04	2.00E-04	-4.73E-03	0.00E+00	0.00E+00	-2.42E-09	-5.88E-08	-6.34E-03	-1.89E+00	0.00E+00	0.00E+00	-2.91E+00	0.00E+00	-1.98E+00	0.00E+00	-1.25E-09	-1.98E-08	-1.26E-03	0.00E+00	-5.76E-01	0.00E+00	-1.98E+00	-2.59E-05	-1.98E+00	-3.17E+00	-5.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NCN240	-9.17E-03	-1.41E-02	3.30E-04	-1.52E-02	0.00E+00	0.00E+00	-3.15E+00	-6.38E-04	-2.45E-04	-4.09E-03	0.00E+00	0.00E+00	-2.59E-09	-2.13E-07	-3.02E-03	-1.51E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-6.09E-01	0.00E+00	1.79E-09	-2.13E-08	-1.17E-03	0.00E+00	-3.50E-01	0.00E+00	-6.09E-01	-6.18E-05	-6.09E-01	-9.67E-01	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NCN240A	2.25E-03	-1.86E-02	6.18E-03	-2.48E-02	0.00E+00	0.00E+00	9.58E-01	-3.80E-05	1.90E-03	-1.04E-04	0.00E+00	0.00E+00	-8.47E-10	1.78E-08	5.48E-03	-6.39E-01	0.00E+00	0.00E+00	4.94E-01	0.00E+00	2.98E-01	0.00E+00	6.57E-09	-3.12E-09	-1.60E-04	0.00E+00	-1.06E-02	0.00E+00	2.98E-01	-2.01E-06	2.98E-01	2.87E-01	-1.06E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
NCN240N	-2.50E-02	-1.38E-01	-5.76E-03	-1.32E-01	0.00E+00	0.00E+00	-6.37E+00	-2.49E-03	-1.08E-03	-1.38E-02	0.00E+00	0.00E+00	-4.54E-09	-2.90E-07	-2.31E-02	-2.75E+00	0.00E+00	0.00E+00	-5.95E+00	0.00E+00	-3.32E+00	0.00E+00	-1.13E-08	-5.79E-08	-4.36E-03	0.00E+00	-7.49E-01	0.00E+00	-3.32E+00	-7.51E-05	-3.32E+00	-4.07E+00	-7.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+02

NCN240P	-1.62E-02	-2.70E-01	-2.93E-03	-2.36E-01	0.00E+00	0.00E+00	-3.44E+00	-1.27E-03	-2.27E-04	-7.46E-03	0.00E+00	0.00E+00	-3.07E-09	-2.09E-07	-9.10E-03	-2.59E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-2.08E+00	0.00E+00	-3.01E-09	-3.66E-08	-2.42E-03	0.00E+00	-6.46E-01	0.00E+00	-2.08E+00	-5.52E-05	-2.08E+00	-3.21E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
NCN250	-1.24E-02	1.94E-02	-6.87E-04	1.60E-02	0.00E+00	0.00E+00	-3.57E+00	-1.12E-03	-1.98E-04	-6.09E-03	0.00E+00	0.00E+00	-2.77E-09	-2.38E-07	-4.64E-03	-1.59E+00	0.00E+00	0.00E+00	-3.02E+00	0.00E+00	-6.46E-01	0.00E+00	2.13E-09	-2.68E-08	-1.90E-03	0.00E+00	-3.56E-01	0.00E+00	-6.46E-01	-6.63E-05	-6.46E-01	-1.06E+00	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NCN250A	-1.23E-02	1.95E-02	-6.64E-04	1.60E-02	0.00E+00	0.00E+00	-3.56E+00	-1.17E-03	-1.98E-04	-6.05E-03	0.00E+00	0.00E+00	-2.78E-09	-2.36E-07	-4.64E-03	-1.59E+00	0.00E+00	0.00E+00	-3.06E+00	0.00E+00	-6.33E-01	0.00E+00	2.12E-09	-2.68E-08	-1.90E-03	0.00E+00	-3.56E-01	0.00E+00	-6.33E-01	-6.70E-05	-6.33E-01	-1.08E+00	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NCN250N	-8.69E-03	-1.40E-02	1.89E-03	-2.54E-02	0.00E+00	0.00E+00	-2.02E+00	-9.72E-04	5.58E-04	-4.36E-03	0.00E+00	0.00E+00	-2.04E-09	-8.16E-08	-6.58E-03	-1.39E+00	0.00E+00	0.00E+00	-1.76E+00	0.00E+00	-3.91E-01	0.00E+00	4.39E-10	-1.78E-08	-1.13E-03	0.00E+00	-2.29E-01	0.00E+00	-3.91E-01	-3.41E-05	-3.91E-01	-6.75E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
NCN250P	-1.17E-02	-2.74E-01	-2.10E-03	-2.39E-01	0.00E+00	0.00E+00	-3.29E+00	-1.08E-03	9.26E-05	-7.27E-03	0.00E+00	0.00E+00	-2.94E-09	-1.00E-07	-8.91E-03	-3.82E+00	0.00E+00	0.00E+00	-3.42E+00	0.00E+00	-2.23E+00	0.00E+00	-2.23E-09	-2.64E-08	-2.00E-03	0.00E+00	-7.90E-01	0.00E+00	-2.23E+00	-4.40E-05	-2.23E+00	-3.19E+00	-7.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
NCN263	-1.63E-02	1.63E-02	-1.06E-03	-1.65E-02	0.00E+00	0.00E+00	-3.96E+00	-1.86E-03	2.54E-05	-8.00E-03	0.00E+00	0.00E+00	-3.63E-09	-2.73E-07	-4.02E-03	-1.51E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-6.71E-01	0.00E+00	2.53E-09	-3.04E-08	-2.78E-03	0.00E+00	-4.67E-01	0.00E+00	-6.71E-01	-7.41E-05	-6.71E-01	-9.46E-01	-4.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NCN263A	-1.60E-02	1.66E-02	-1.06E-03	-1.55E-02	0.00E+00	0.00E+00	-3.97E+00	-1.89E-03	2.54E-05	-8.00E-03	0.00E+00	0.00E+00	-3.61E-09	-2.71E-07	-4.02E-03	-1.51E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	-6.58E-01	0.00E+00	2.63E-09	-3.01E-08	-2.80E-03	0.00E+00	-4.68E-01	0.00E+00	-6.58E-01	-7.42E-05	-6.58E-01	-9.63E-01	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NCN263N	-1.01E-02	1.05E-02	8.94E-04	-9.57E-03	0.00E+00	0.00E+00	-2.30E+00	-1.26E-03	9.68E-04	-5.17E-03	0.00E+00	0.00E+00	-2.29E-09	-1.55E-07	-6.11E-03	-1.58E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-7.40E-02	0.00E+00	-1.39E-10	-2.42E-08	-1.44E-03	0.00E+00	-3.32E-01	0.00E+00	-7.40E-02	-3.59E-05	-7.40E-02	-5.31E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.84E+01
NCN263P	-1.58E-02	-4.06E-01	-6.13E-03	-3.41E-01	0.00E+00	0.00E+00	-3.31E+00	-1.25E-03	-1.13E-04	-1.14E-02	0.00E+00	0.00E+00	-3.58E-09	-2.21E-07	-1.01E-02	-3.90E+00	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-3.50E+00	0.00E+00	-1.60E-08	-4.71E-08	-2.63E-03	0.00E+00	-9.08E-01	0.00E+00	-3.50E+00	-5.29E-05	-3.50E+00	-4.92E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
NCN300	-1.12E-02	-6.96E-02	-2.47E-03	-6.76E-02	0.00E+00	0.00E+00	-2.99E+00	-1.41E-03	-4.02E-04	-7.10E-03	0.00E+00	0.00E+00	-3.66E-09	-1.44E-07	-2.26E-02	-1.79E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.49E+00	0.00E+00	2.25E-09	-2.93E-08	-2.39E-03	0.00E+00	-4.15E-01	0.00E+00	-1.49E+00	-5.00E-05	-1.49E+00	-1.96E+00	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NCN300N	-6.64E-03	-7.03E-02	-5.57E-04	-1.05E-01	0.00E+00	0.00E+00	-1.52E+00	-8.43E-04	1.13E-04	-5.25E-03	0.00E+00	0.00E+00	-2.30E-09	-8.33E-08	-1.55E-02	-1.75E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-5.58E-01	0.00E+00	-5.05E-10	-1.88E-08	-1.65E-03	0.00E+00	-3.95E-01	0.00E+00	-5.58E-01	-2.74E-05	-5.58E-01	-8.08E-01	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.37E+01
NCN301	-1.14E-02	-4.71E-02	-2.40E-03	-6.34E-02	0.00E+00	0.00E+00	-3.01E+00	-1.39E-03	-3.78E-04	-7.32E-03	0.00E+00	0.00E+00	-3.63E-09	-1.42E-07	-2.31E-02	-1.76E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-1.51E+00	0.00E+00	2.49E-09	-2.83E-08	-2.38E-03	0.00E+00	-4.11E-01	0.00E+00	-1.51E+00	-4.70E-05	-1.51E+00	-1.96E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
NCN301A	-1.14E-02	-5.35E-02	-2.47E-03	-6.34E-02	0.00E+00	0.00E+00	-3.30E+00	-1.42E-03	-4.57E-04	-8.11E-03	0.00E+00	0.00E+00	-3.63E-09	-1.42E-07	-2.35E-02	-1.76E+00	0.00E+00	0.00E+00	-3.63E+00	0.00E+00	-1.56E+00	0.00E+00	2.49E-09	-2.85E-08	-2.38E-03	0.00E+00	-4.12E-01	0.00E+00	-1.56E+00	-4.81E-05	-1.56E+00	-2.09E+00	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NCN301N	-6.64E-03	-7.03E-02	-5.57E-04	-1.07E-01	0.00E+00	0.00E+00	-1.52E+00	-8.43E-04	1.13E-04	-5.25E-03	0.00E+00	0.00E+00	-2.31E-09	-8.38E-08	-1.55E-02	-1.75E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-5.58E-01	0.00E+00	-5.05E-10	-1.90E-08	-1.66E-03	0.00E+00	-3.95E-01	0.00E+00	-5.58E-01	-2.74E-05	-5.58E-01	-8.08E-01	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
NCN302	-1.21E-02	-7.24E-02	-2.34E-03	-8.88E-02	0.00E+00	0.00E+00	-3.16E+00	-1.36E-03	-3.75E-04	-7.52E-03	0.00E+00	0.00E+00	-3.75E-09	-1.53E-07	-2.27E-02	-1.77E+00	0.00E+00	0.00E+00	-3.53E+00	0.00E+00	-1.73E+00	0.00E+00	1.79E-09	-3.01E-08	-2.46E-03	0.00E+00	-4.51E-01	0.00E+00	-1.73E+00	-5.14E-05	-1.73E+00	-2.35E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NCN302A	-1.21E-02	-8.77E-02	-2.41E-03	-1.02E-01	0.00E+00	0.00E+00	-3.52E+00	-1.41E-03	-4.90E-04	-8.25E-03	0.00E+00	0.00E+00	-3.96E-09	-1.54E-07	-2.37E-02	-2.27E+00	0.00E+00	0.00E+00	-4.07E+00	0.00E+00	-1.87E+00	0.00E+00	1.53E-09	-3.04E-08	-2.52E-03	0.00E+00	-5.02E-01	0.00E+00	-1.87E+00	-5.32E-05	-1.87E+00	-2.67E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
NCN302N	-6.89E-03	-7.69E-02	-6.50E-04	-1.04E-01	0.00E+00	0.00E+00	-1.68E+00	-8.85E-04	9.16E-05	-5.26E-03	0.00E+00	0.00E+00	-2.35E-09	-8.24E-08	-1.63E-02	-1.72E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-5.78E-01	0.00E+00	-6.58E-10	-1.94E-08	-1.75E-03	0.00E+00	-3.91E-01	0.00E+00	-5.78E-01	-2.79E-05	-5.78E-01	-8.23E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.24E+01
NCN303	-1.21E-02	-8.45E-02	-2.35E-03	-8.78E-02	0.00E+00	0.00E+00	-3.07E+00	-1.36E-03	-3.80E-04	-7.36E-03	0.00E+00	0.00E+00	-3.89E-09	-1.55E-07	-2.25E-02	-1.80E+00	0.00E+00	0.00E+00	-3.39E+00	0.00E+00	-1.80E+00	0.00E+00	1.38E-09	-3.06E-08	-2.55E-03	0.00E+00	-4.61E-01	0.00E+00	-1.80E+00	-5.46E-05	-1.80E+00	-2.31E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NCN303A	-1.21E-02	-8.12E-02	-1.97E-03	-8.72E-02	0.00E+00	0.00E+00	-2.87E+00	-1.37E-03	-3.24E-04	-6.48E-03	0.00E+00	0.00E+00	-3.80E-09	-1.54E-07	-2.21E-02	-1.78E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	-1.59E+00	0.00E+00	1.65E-09	-3.08E-08	-2.47E-03	0.00E+00	-4.61E-01	0.00E+00	-1.59E+00	-5.50E-05	-1.59E+00	-2.04E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NCN303N	-7.12E-03	-9.70E-02	-7.04E-04	-1.29E-01	0.00E+00	0.00E+00	-1.72E+00	-9.81E-04	1.12E-04	-5.54E-03	0.00E+00	0.00E+00	-2.47E-09	-8.92E-08	-1.58E-02	-1.77E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-8.44E-01	0.00E+00	-1.39E-09	-2.32E-08	-1.82E-03	0.00E+00	-4.15E-01	0.00E+00	-8.44E-01	-2.94E-05	-8.44E-01	-1.04E+00	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.84E+01
NCN304	-1.21E-02	-7.23E-02	-1.74E-03	-8.19E-02	0.00E+00	0.00E+00	-3.14E+00	-1.42E-03	-2.50E-04	-6.69E-03	0.00E+00	0.00E+00	-3.85E-09	-1.41E-07	-2.28E-02	-1.81E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-1.74E+00	0.00E+00	1.84E-09	-3.21E-08	-2.55E-03	0.00E+00	-4.50E-01	0.00E+00	-1.74E+00	-5.28E-05	-1.74E+00	-2.20E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NCN304A	-1.22E-02	-7.96E-02	-1.82E-03	-8.33E-02	0.00E+00	0.00E+00	-3.47E+00	-1.47E-03	-3.43E-04	-7.74E-03	0.00E+00	0.00E+00	-3.86E-09	-1.42E-07	-2.33E-02	-1.79E+00	0.00E+00	0.00E+00	-3.91E+00	0.00E+00	-1.77E+00	0.00E+00	1.84E-09	-3.25E-08	-2.52E-03	0.00E+00	-4.51E-01	0.00E+00	-1.77E+00	-5.47E-05	-1.77E+00	-2.33E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NCN304N	-6.86E-03	-9.22E-02	-7.46E-04	-1.04E-01	0.00E+00	0.00E+00	-1.67E+00	-9.30E-04	1.15E-04	-5.43E-03	0.00E+00	0.00E+00	-2.46E-09	-8.35E-08	-1.63E-02	-1.77E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-7.48E-01	0.00E+00	-1.22E-09	-2.24E-08	-1.73E-03	0.00E+00	-4.07E-01	0.00E+00	-7.48E-01	-2.90E-05	-7.48E-01	-8.96E-01	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.50E+01
NCN306	-8.59E-03	-1.64E-01	2.12E-03	-1.05E-01	0.00E+00	0.00E+00	-8.54E-01	-9.36E-04	1.52E-04	-5.34E-03	0.00E+00	0.00E+00	-2.55E-09	-6.59E-08	-1.71E-02	-2.14E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-5.02E-01	0.00E+00	7.63E-09	-2.72E-08	-2.05E-03	0.00E+00	-4.77E-01	0.00E+00	-5.02E-01	-1.84E-05	-5.02E-01	-4.06E-01	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.15E+01
NCN306A	-1.10E-02	-4.50E-01	-5.66E-03	-4.44E-01	0.00E+00	0.00E+00	-3.15E+00	-1.00E-03	-7.06E-04	-8.73E-03	0.00E+00	0.00E+00	-3.85E-09	-1.16E-07	-3.79E-02	-3.41E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-4.37E+00	0.00E+00	-1.84E-08	-4.59E-08	-3.08E-03	0.00E+00	-8.98E-01	0.00E+00	-4.37E+00	-3.16E-05	-4.37E+00	-5.27E+00	-8.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
NCN306N	-5.13E-03	-1.12E-01	-5.29E-04	-1.24E-01	0.00E+00	0.00E+00	-1.50E+00	-8.43E-04	1.60E-04	-5.56E-03	0.00E+00	0.00E+00	-2.12E-09	-7.59E-08	-1.33E-02	-1.86E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-6.24E-01	0.00E+00	-1.78E-09	-2.22E-08	-1.88E-03	0.00E+00	-3.48E-01	0.00E+00	-6.24E-01	-1.95E-05	-6.24E-01	-6.41E-01	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
NCN306P	-1.10E-02	-4.23E-01	-4.64E-03	-3.14E-01	0.00E+00	0.00E+00	-2.26E+00	-1.19E-03	-2.30E-04	-8.15E-03	0.00E+00	0.00E+00	-3.66E-09	-1.01E-07	-2.07E-02	-2.52E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-2.55E+00	0.00E+00	-6.12E-09	-3.86E-08	-2.74E-03	0.00E+00	-6.25E-01	0.00E+00	-2.55E+00	-3.25E-05	-2.55E+00	-3.73E+00	-6.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NCN310	-9.53E-03	-9.61E-02	-2.21E-03	-1.17E-01	0.00E+00	0.00E+00	-2.27E+00	-8.16E-04	-7.76E-05	-5.30E-03	0.00E+00	0.00E+00	-3.54E-09	-1.19E-07	-2.25E-02	-2.23E+00	0.00E+00	0.00E+00	-2.91E+00	0.00E+00	-1.77E+00	0.00E+00	8.97E-10	-2.86E-08	-1.87E-03	0.00E+00	-4.98E-01	0.00E+00	-1.77E+00	-4.78E-05	-1.77E+00	-2.13E+00	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NCN310A	-9.88E-03	2.98E-01	6.04E-03	2.92E-01	0.00E+00	0.00E+00	-3.68E-01	-1.08E-03	-1.78E-04	-2.85E-03	0.00E+00	0.00E+00	-1.17E-09	-1.22E-07	-1.90E-02	-8.61E-01	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	1.75E+00	0.00E+00	2.08E-08	-1.18E-08	-9.48E-04	0.00E+00	-2.09E-01	0.00E+00	1.75E+00	-3.09E-05	1.75E+00	1.54E+00	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
NCN310N	-5.16E-03	-1.36E-01	-6.39E-04	-1.26E-01	0.00E+00	0.00E+00	-1.58E+00	-8.49E-04	2.50E-04	-3.42E-03	0.00E+00	0.00E+00	-2.23E-09	-7.13E-08	-1.05E-02	-1.85E+00	0.00E+00	0.00E+00	-2.22E+00	0.00E+00	-9.25E-01	0.00E+00	-2.26E-09	-2.56E-08	-1.63E-03	0.00E+00	-3.48E-01	0.00E+00	-9.25E-01	-1.88E-05	-9.25E-01	-8.16E-01	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.82E+01
NCN310P	-8.68E-03	-3.57E-01	-3.10E-03	-2.79E-01	0.00E+00	0.00E+00	-2.32E+00	-7.34E-04	-5.29E-05	-7.32E-03	0.00E+00	0.00E+00	-3.20E-09	-6.94E-08	-1.98E-02	-1.83E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-2.11E+00	0.00E+00	-3.00E-09	-3.67E-08	-2.21E-03	0.00E+00	-5.03E-01	0.00E+00	-2.11E+00	-2.79E-05	-2.11E+00	-3.17E+00	-5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NCN313	2.58E-03	4.74E-01	1.25E-02	4.61E-01	0.00E+00	0.00E+00	2.88E+00	5.35E-06	1.24E-03	4.17E-03	0.00E+00	0.00E+00	5.28E-10	1.51E-08	1.85E-02	2.99E-01	0.00E+00	0.00E+00	2.21E+00	0.00E+00	3.83E+00	0.00E+00	3.08E-08	1.50E-08	1.11E-03	0.00E+00	3.21E-01	0.00E+00	3.83E+00	7.46E-07	3.83E+00	4.15E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E+01
NCN316	-1.52E-02	-4.32E-01	-6.54E-03	-4.25E-01	0.00E+00	0.00E+00	-4.29E+00	-1.45E-03	-8.52E-04	-1.09E-02	0.00E+00	0.00E+00	-4.62E-09	-1.68E-07	-6.02E-03	-2.91E+00	0.00E+00	0.00E+00	-4.80E+00	0.00E+00	-4.22E+00	0.00E+00	-1.91E-08	-5.17E-08	-3.70E-03	0.00E+00	-6.91E-01	0.00E+00	-4.22E+00	-4.47E-05	-4.22E+00	-4.92E+00	-6.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
NCN316A	-5.57E-04	-2.64E-01	8.95E-04	-2.65E-01	0.00E+00	0.00E+00	-6.81E-03	-1.11E-04	6.41E-04	-2.60E-03	0.00E+00	0.00E+00	-2.18E-09	-1.69E-09	-3.11E-02	-1.81E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-2.19E+00	0.00E+00	-5.05E-09	-2.10E-08	-1.19E-03	0.00E+00	-4.95E-01	0.00E+00	-2.19E+00	-5.40E-06	-2.19E+00	-2.68E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.86E+01
NCN316N	-5.50E-04	-3.22E-01	-7.41E-04	-3.21E-01	0.00E+00	0.00E+00	-5.53E-01	-1.08E-04	5.88E-04	-3.11E-03	0.00E+00	0.00E+00	-2.91E-09	-9.38E-10	-1.45E-03	-1.92E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-2.83E+00	0.00E+00	-1.02E-08	-2.55E-08	-1.48E-03	0.00E+00	-3.88E-01	0.00E+00	-2.83E+00	-5.82E-06	-2.83E+00	-3.21E+00	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
NCN316P	-9.59E-03	-4.08E-01	-3.39E-03	-3.54E-01	0.00E+00	0.00E+00	-2.75E+00	-8.39E-04	-2.39E-05	-8.07E-03	0.00E+00	0.00E+00	-3.66E-09	-5.23E-08	-2.12E-02	-2.45E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-2.50E+00	0.00E+00	-4.36E-09	-4.00E-08	-2.67E-03	0.00E+00	-6.44E-01	0.00E+00	-2.50E+00	-3.03E-05	-2.50E+00	-3.97E+00	-6.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NCN320	-1.09E-02	-1.21E-01	-2.13E-03	-1.20E-01	0.00E+00	0.00E+00	-3.23E+00	-1.21E-03	-2.37E-04	-8.28E-03	0.00E+00	0.00E+00	-4.27E-09	-1.10E-07	-2.54E-02	-2.24E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-2.08E+00	0.00E+00	1.61E-09	-3.20E-08	-2.21E-03	0.00E+00	-4.90E-01	0.00E+00	-2.08E+00	-5.24E-05	-2.08E+00	-2.51E+00	-4.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
NCN320A	-2.63E-02	-2.81E-01	-7.68E-03	-2.73E-01	0.00E+00	0.00E+00	-6.91E+00	-2.58E-03	-1.23E-03	-1.55E-02	0.00E+00	0.00E+00	-5.89E-09	-3.00E-07	-3.80E-02	-2.85E+00	0.00E+00	0.00E+00	-7.32E+00	0.00E+00	-4.80E+00	0.00E+00	-1.67E-08	-7.04E-08	-5.10E-03	0.00E+00	-9.33E-01	0.00E+00	-4.80E+00	-7.73E-05	-4.80E+00	-5.74E+00	-9.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
NCN320N	-8.96E-03	-1.14E-01	-4.70E-04	-1.04E-01	0.00E+00	0.00E+00	-3.01E+00	-1.26E-03	1.33E-03	-8.11E-03	0.00E+00	0.00E+00	-2.76E-09	-1.10E-07	-1.31E-02	-4.35E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-9.09E-01	0.00E+00	-2.24E-09	-2.90E-08	-2.67E-03	0.00E+00	-7.66E-01	0.00E+00	-9.09E-01	-3.02E-05	-9.09E-01	-9.06E-01	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NCN320P	-1.86E-02	-4.32E-01	-4.75E-03	-3.55E-01	0.00E+00	0.00E+00	-3.56E+00	-1.73E-03	-4.79E-04	-1.11E-02	0.00E+00	0.00E+00	-4.08E-09	-1.77E-07	-1.91E-02	-2.50E+00	0.00E+00	0.00E+00	-3.95E+00	0.00E+00	-3.02E+00	0.00E+00	-6.22E-09	-4.56E-08	-3.49E-03	0.00E+00	-6.52E-01	0.00E+00	-3.02E+00	-5.33E-05	-3.02E+00	-4.44E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
NCN325	-1.93E-02	-7.70E-02	-3.64E-03	-8.11E-02	0.00E+00	0.00E+00	-3.52E+00	-1.69E-03	-4.06E-04	-1.02E-02	0.00E+00	0.00E+00	-4.43E-09	-2.18E-07	-1.96E-02	-2.34E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-1.79E+00	0.00E+00	1.83E-09	-4.01E-08	-3.82E-03	0.00E+00	-5.42E-01	0.00E+00	-1.79E+00	-6.33E-05	-1.79E+00	-2.05E+00	-5.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NCN325A	-4.14E-02	-5.59E-01	-9.50E-03	-5.50E-01	0.00E+00	0.00E+00	-7.08E+00	-2.58E-03	-1.41E-03	-1.77E-02	0.00E+00	0.00E+00	-5.90E-09	-3.01E-07	-4.14E-02	-4.15E+00	0.00E+00	0.00E+00	-7.46E+00	0.00E+00	-5.68E+00	0.00E+00	-2.53E-08	-7.52E-08	-5.60E-03	0.00E+00	-1.15E+00	0.00E+00	-5.68E+00	-7.75E-05	-5.68E+00	-6.83E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
NCN325N	-1.20E-02	-8.62E-02	-5.63E-04	-7.09E-02	0.00E+00	0.00E+00	-3.22E+00	-1.58E-03	1.31E-03	-1.11E-02	0.00E+00	0.00E+00	-3.10E-09	-1.77E-07	-1.28E-02	-4.46E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-6.63E-01	0.00E+00	-2.57E-09	-3.35E-08	-3.05E-03	0.00E+00	-8.32E-01	0.00E+00	-6.63E-01	-4.25E-05	-6.63E-01	-9.66E-01	-8.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NCN325P	-2.04E-02	-4.47E-01	-4.86E-03	-3.38E-01	0.00E+00	0.00E+00	-3.99E+00	-1.80E-03	-5.04E-04	-1.24E-02	0.00E+00	0.00E+00	-4.13E-09	-2.30E-07	-2.00E-02	-3.71E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-3.03E+00	0.00E+00	-6.60E-09	-5.17E-08	-3.75E-03	0.00E+00	-7.80E-01	0.00E+00	-3.03E+00	-5.79E-05	-3.03E+00	-4.35E+00	-7.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
NCN332	1.96E-03	-1.30E-01	5.29E-03	-1.35E-01	0.00E+00	0.00E+00	7.94E-01	-6.92E-05	2.02E-03	-1.19E-03	0.00E+00	0.00E+00	-1.95E-09	1.68E-08	5.17E-03	-6.88E-01	0.00E+00	0.00E+00	-3.76E-01	0.00E+00	-5.81E-01	0.00E+00	3.55E-09	-1.12E-08	-6.41E-04	0.00E+00	-8.37E-02	0.00E+00	-5.81E-01	-4.09E-06	-5.81E-01	-6.65E-01	-8.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
NCN332A	-3.31E-02	-1.91E-01	-1.78E-03	-1.89E-01	0.00E+00	0.00E+00	-6.68E+00	-3.34E-03	-1.41E-03	-1.82E-02	0.00E+00	0.00E+00	-4.23E-09	-3.87E-07	2.32E-03	-4.05E+00	0.00E+00	0.00E+00	-5.46E+00	0.00E+00	-1.29E+00	0.00E+00	-2.57E-09	-6.04E-08	-5.27E-03	0.00E+00	-6.97E-01	0.00E+00	-1.29E+00	-9.66E-05	-1.29E+00	-1.99E+00	-6.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.41E+02
NCN332N	-4.74E-03	-7.38E-02	-2.39E-03	-2.68E-02	0.00E+00	0.00E+00	-1.92E+00	-8.55E-04	1.90E-03	-1.09E-02	0.00E+00	0.00E+00	-2.56E-09	-1.54E-07	-1.06E-02	-4.50E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-7.50E-01	0.00E+00	2.78E-09	-1.96E-08	-2.00E-03	0.00E+00	-8.36E-01	0.00E+00	-7.50E-01	-4.99E-05	-7.50E-01	-5.46E-01	-8.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.10E+01
NCN332P	-1.73E-02	-4.62E-01	-6.24E-03	-3.34E-01	0.00E+00	0.00E+00	-3.35E+00	-1.68E-03	-5.86E-04	-1.17E-02	0.00E+00	0.00E+00	-4.58E-09	-3.25E-07	-1.30E-02	-3.53E+00	0.00E+00	0.00E+00	-4.11E+00	0.00E+00	-2.91E+00	0.00E+00	-5.35E-09	-5.17E-08	-4.11E-03	0.00E+00	-7.78E-01	0.00E+00	-2.91E+00	-6.82E-05	-2.91E+00	-3.82E+00	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
NCN340	-1.43E-02	-3.07E-02	-4.40E-03	-2.20E-02	0.00E+00	0.00E+00	-3.28E+00	-1.78E-03	-9.28E-04	-1.00E-02	0.00E+00	0.00E+00	-3.98E-09	-2.77E-07	-4.71E-03	-2.07E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.34E+00	0.00E+00	-2.64E-10	-3.18E-08	-3.95E-03	0.00E+00	-4.13E-01	0.00E+00	-1.34E+00	-7.02E-05	-1.34E+00	-1.76E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NCN340A	5.08E-03	5.67E-01	1.77E-02	5.50E-01	0.00E+00	0.00E+00	3.43E+00	-2.35E-05	3.26E-03	4.96E-03	0.00E+00	0.00E+00	6.43E-10	3.23E-08	2.13E-02	5.20E-01	0.00E+00	0.00E+00	2.93E+00	0.00E+00	4.63E+00	0.00E+00	3.76E-08	1.98E-08	1.44E-03	0.00E+00	4.30E-01	0.00E+00	4.63E+00	-3.49E-07	4.63E+00	5.06E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NCN340N	3.19E-03	2.87E-01	9.79E-03	2.77E-01	0.00E+00	0.00E+00	1.56E+00	-4.99E-05	2.52E-03	2.31E-03	0.00E+00	0.00E+00	-1.18E-09	2.24E-08	-1.69E-02	-3.24E-01	0.00E+00	0.00E+00	2.37E-01	0.00E+00	9.40E-01	0.00E+00	1.87E-08	-1.76E-09	3.15E-04	0.00E+00	-8.70E-02	0.00E+00	9.40E-01	-2.62E-06	9.40E-01	8.53E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+00
NCN340P	-2.23E-02	-4.32E-01	-6.03E-03	-3.50E-01	0.00E+00	0.00E+00	-5.87E+00	-2.36E-03	-8.67E-04	-1.55E-02	0.00E+00	0.00E+00	-5.18E-09	-3.49E-07	-1.37E-02	-2.58E+00	0.00E+00	0.00E+00	-4.85E+00	0.00E+00	-3.51E+00	0.00E+00	-4.95E-09	-5.73E-08	-4.40E-03	0.00E+00	-7.57E-01	0.00E+00	-3.51E+00	-7.81E-05	-3.51E+00	-4.72E+00	-7.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
NCN350	-2.35E-02	4.00E-03	-5.51E-03	-5.87E-02	0.00E+00	0.00E+00	-6.74E+00	-3.57E-03	-1.38E-03	-1.76E-02	0.00E+00	0.00E+00	-5.80E-09	-4.10E-07	1.07E-03	-2.25E+00	0.00E+00	0.00E+00	-5.21E+00	0.00E+00	-1.33E+00	0.00E+00	3.87E-09	-3.34E-08	-4.58E-03	0.00E+00	-6.26E-01	0.00E+00	-1.33E+00	-1.07E-04	-1.33E+00	-1.96E+00	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NCN350A	-4.66E-02	-2.96E-01	-6.03E-03	-2.90E-01	0.00E+00	0.00E+00	-1.03E+01	-4.68E-03	-1.99E-03	-2.58E-02	0.00E+00	0.00E+00	-6.20E-09	-5.44E-07	-1.92E-03	-5.24E+00	0.00E+00	0.00E+00	-8.66E+00	0.00E+00	-2.77E+00	0.00E+00	-1.02E-08	-8.71E-08	-7.46E-03	0.00E+00	-1.03E+00	0.00E+00	-2.77E+00	-1.35E-04	-2.77E+00	-3.79E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.77E+02
NCN350N	4.07E-03	1.71E-01	1.43E-02	1.57E-01	0.00E+00	0.00E+00	3.27E+00	6.19E-06	2.73E-03	2.00E-03	0.00E+00	0.00E+00	5.23E-10	3.19E-08	-1.15E-02	-7.85E-01	0.00E+00	0.00E+00	2.13E+00	0.00E+00	3.11E+00	0.00E+00	2.64E-08	1.16E-08	7.28E-04	0.00E+00	2.27E-02	0.00E+00	3.11E+00	5.48E-07	3.11E+00	3.14E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E+01
NCN350P	-2.12E-02	-5.93E-01	-8.77E-03	-5.06E-01	0.00E+00	0.00E+00	-3.73E+00	-2.11E-03	-7.97E-04	-1.51E-02	0.00E+00	0.00E+00	-5.05E-09	-3.31E-07	-1.32E-02	-3.70E+00	0.00E+00	0.00E+00	-4.42E+00	0.00E+00	-4.79E+00	0.00E+00	-2.36E-08	-6.19E-08	-4.55E-03	0.00E+00	-8.38E-01	0.00E+00	-4.79E+00	-7.53E-05	-4.79E+00	-6.70E+00	-8.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
NCN363	-4.80E-02	-2.69E-01	-9.98E-03	-2.59E-01	0.00E+00	0.00E+00	-1.17E+01	-4.78E-03	-2.07E-03	-2.64E-02	0.00E+00	0.00E+00	-7.79E-09	-5.57E-07	-3.89E-02	-4.73E+00	0.00E+00	0.00E+00	-1.08E+01	0.00E+00	-5.11E+00	0.00E+00	-1.76E-08	-1.02E-07	-8.03E-03	0.00E+00	-1.30E+00	0.00E+00	-5.11E+00	-1.40E-04	-5.11E+00	-6.41E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.63E+02
NCN363A	-4.79E-02	-2.35E-01	-9.69E-03	-2.25E-01	0.00E+00	0.00E+00	-1.17E+01	-4.78E-03	-2.05E-03	-2.62E-02	0.00E+00	0.00E+00	-7.78E-09	-5.57E-07	-3.84E-02	-4.60E+00	0.00E+00	0.00E+00	-1.08E+01	0.00E+00	-4.99E+00	0.00E+00	-1.64E-08	-1.01E-07	-7.97E-03	0.00E+00	-1.27E+00	0.00E+00	-4.99E+00	-1.40E-04	-4.99E+00	-6.26E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.62E+02
NCN363N	3.73E-03	3.32E-01	1.12E-02	3.21E-01	0.00E+00	0.00E+00	1.73E+00	-5.15E-05	2.78E-03	2.70E-03	0.00E+00	0.00E+00	-1.14E-09	2.48E-08	1.25E-02	-1.53E-01	0.00E+00	0.00E+00	9.27E-01	0.00E+00	1.55E+00	0.00E+00	2.02E-08	1.25E-09	4.30E-04	0.00E+00	1.34E-01	0.00E+00	1.55E+00	-2.60E-06	1.55E+00	1.68E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NCN363P	-2.34E-02	-5.82E-01	-9.28E-03	-5.07E-01	0.00E+00	0.00E+00	-6.62E+00	-2.90E-03	-1.11E-03	-1.70E-02	0.00E+00	0.00E+00	-5.50E-09	-3.40E-07	-1.43E-02	-3.79E+00	0.00E+00	0.00E+00	-5.97E+00	0.00E+00	-4.97E+00	0.00E+00	-2.40E-08	-6.65E-08	-4.71E-03	0.00E+00	-9.39E-01	0.00E+00	-4.97E+00	-7.75E-05	-4.97E+00	-6.99E+00	-9.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
NCN400	-1.95E-02	-1.26E-01	-5.40E-03	-4.87E-02	0.00E+00	0.00E+00	-4.53E+00	-1.91E-03	7.51E-05	-8.67E-03	0.00E+00	0.00E+00	-3.97E-09	-1.65E-07	-6.02E-03	-2.68E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-2.30E+00	0.00E+00	-8.76E-09	-5.23E-08	-3.38E-03	0.00E+00	-8.74E-01	0.00E+00	-2.30E+00	-5.12E-05	-2.30E+00	-3.05E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
NCN400A	-1.94E-02	-1.27E-01	-5.40E-03	-4.87E-02	0.00E+00	0.00E+00	-4.53E+00	-1.95E-03	7.51E-05	-8.72E-03	0.00E+00	0.00E+00	-3.98E-09	-1.63E-07	-6.08E-03	-2.71E+00	0.00E+00	0.00E+00	-4.43E+00	0.00E+00	-2.30E+00	0.00E+00	-8.99E-09	-5.24E-08	-3.38E-03	0.00E+00	-8.81E-01	0.00E+00	-2.30E+00	-5.16E-05	-2.30E+00	-3.05E+00	-8.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NCN400N	-7.36E-03	-8.17E-02	-2.68E-03	-1.09E-01	0.00E+00	0.00E+00	-2.19E+00	-1.06E-03	3.89E-06	-6.95E-03	0.00E+00	0.00E+00	-2.68E-09	-1.36E-07	-8.72E-03	-1.82E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-7.77E-01	0.00E+00	-2.25E-09	-2.16E-08	-2.19E-03	0.00E+00	-4.25E-01	0.00E+00	-7.77E-01	-3.57E-05	-7.77E-01	-9.56E-01	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.08E+01
NCN401	-1.95E-02	-1.47E-01	-5.42E-03	-2.77E-02	0.00E+00	0.00E+00	-4.84E+00	-1.89E-03	-1.50E-05	-9.49E-03	0.00E+00	0.00E+00	-3.87E-09	-1.84E-07	-6.89E-03	-3.07E+00	0.00E+00	0.00E+00	-4.98E+00	0.00E+00	-2.29E+00	0.00E+00	-8.47E-09	-5.08E-08	-3.46E-03	0.00E+00	-8.49E-01	0.00E+00	-2.29E+00	-5.08E-05	-2.29E+00	-3.08E+00	-8.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NCN401N	-7.34E-03	-8.17E-02	-2.63E-03	-1.05E-01	0.00E+00	0.00E+00	-2.17E+00	-1.09E-03	3.89E-06	-6.97E-03	0.00E+00	0.00E+00	-2.63E-09	-1.36E-07	-8.78E-03	-1.82E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-7.77E-01	0.00E+00	-2.20E-09	-2.14E-08	-2.18E-03	0.00E+00	-4.29E-01	0.00E+00	-7.77E-01	-3.56E-05	-7.77E-01	-9.56E-01	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.94E+01
NCN402	-2.18E-02	-1.79E-01	-5.06E-03	-7.18E-02	0.00E+00	0.00E+00	-5.07E+00	-2.03E-03	-2.65E-04	-9.97E-03	0.00E+00	0.00E+00	-4.25E-09	-2.36E-07	-6.48E-03	-3.24E+00	0.00E+00	0.00E+00	-5.36E+00	0.00E+00	-2.74E+00	0.00E+00	-8.82E-09	-5.68E-08	-4.00E-03	0.00E+00	-8.17E-01	0.00E+00	-2.74E+00	-6.33E-05	-2.74E+00	-3.49E+00	-8.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
NCN402A	-2.16E-02	-1.81E-01	-5.13E-03	-7.18E-02	0.00E+00	0.00E+00	-5.07E+00	-2.10E-03	-2.65E-04	-1.04E-02	0.00E+00	0.00E+00	-4.26E-09	-2.34E-07	-6.28E-03	-3.27E+00	0.00E+00	0.00E+00	-5.40E+00	0.00E+00	-2.74E+00	0.00E+00	-9.05E-09	-5.73E-08	-4.03E-03	0.00E+00	-8.24E-01	0.00E+00	-2.74E+00	-6.45E-05	-2.74E+00	-3.49E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
NCN402N	-7.32E-03	-1.10E-01	-2.28E-03	-1.18E-01	0.00E+00	0.00E+00	-2.17E+00	-1.05E-03	2.80E-05	-6.88E-03	0.00E+00	0.00E+00	-2.67E-09	-1.34E-07	-8.26E-03	-1.85E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-9.65E-01	0.00E+00	-2.44E-09	-2.11E-08	-2.11E-03	0.00E+00	-4.39E-01	0.00E+00	-9.65E-01	-3.60E-05	-9.65E-01	-1.04E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.36E+01
NCN403	-2.03E-02	-1.41E-01	-5.01E-03	-6.52E-02	0.00E+00	0.00E+00	-4.70E+00	-1.81E-03	-4.06E-04	-9.15E-03	0.00E+00	0.00E+00	-4.00E-09	-2.20E-07	-5.10E-03	-2.16E+00	0.00E+00	0.00E+00	-4.33E+00	0.00E+00	-2.26E+00	0.00E+00	-7.11E-09	-5.93E-08	-4.01E-03	0.00E+00	-6.91E-01	0.00E+00	-2.26E+00	-6.16E-05	-2.26E+00	-2.80E+00	-6.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
NCN403A	-2.19E-02	-1.46E-01	-5.06E-03	-7.29E-02	0.00E+00	0.00E+00	-4.83E+00	-2.17E-03	-2.45E-04	-9.81E-03	0.00E+00	0.00E+00	-4.26E-09	-2.18E-07	-5.08E-03	-2.91E+00	0.00E+00	0.00E+00	-4.63E+00	0.00E+00	-2.53E+00	0.00E+00	-9.30E-09	-6.02E-08	-4.19E-03	0.00E+00	-8.22E-01	0.00E+00	-2.53E+00	-6.24E-05	-2.53E+00	-3.17E+00	-8.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
NCN403N	-7.37E-03	-1.24E-01	-2.58E-03	-1.22E-01	0.00E+00	0.00E+00	-2.37E+00	-8.79E-04	6.98E-05	-8.06E-03	0.00E+00	0.00E+00	-2.94E-09	-1.34E-07	-9.20E-03	-1.80E+00	0.00E+00	0.00E+00	-2.57E+00	0.00E+00	-1.18E+00	0.00E+00	-2.60E-09	-2.60E-08	-2.38E-03	0.00E+00	-4.37E-01	0.00E+00	-1.18E+00	-3.48E-05	-1.18E+00	-1.29E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NCN404	-2.46E-02	-1.76E-01	-6.60E-03	-5.21E-02	0.00E+00	0.00E+00	-5.39E+00	-2.23E-03	-4.60E-04	-1.26E-02	0.00E+00	0.00E+00	-4.32E-09	-2.72E-07	-6.70E-03	-3.21E+00	0.00E+00	0.00E+00	-5.47E+00	0.00E+00	-2.71E+00	0.00E+00	-9.25E-09	-6.97E-08	-5.22E-03	0.00E+00	-8.67E-01	0.00E+00	-2.71E+00	-7.16E-05	-2.71E+00	-3.53E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
NCN404A	-2.41E-02	-1.77E-01	-6.66E-03	-3.84E-02	0.00E+00	0.00E+00	-5.35E+00	-2.20E-03	-4.92E-04	-1.27E-02	0.00E+00	0.00E+00	-4.06E-09	-2.69E-07	-6.27E-03	-2.46E+00	0.00E+00	0.00E+00	-5.27E+00	0.00E+00	-2.67E+00	0.00E+00	-9.22E-09	-6.95E-08	-5.11E-03	0.00E+00	-7.90E-01	0.00E+00	-2.67E+00	-7.32E-05	-2.67E+00	-3.44E+00	-7.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
NCN404N	-7.47E-03	-1.27E-01	-2.27E-03	-1.26E-01	0.00E+00	0.00E+00	-2.26E+00	-9.09E-04	8.95E-05	-7.51E-03	0.00E+00	0.00E+00	-2.91E-09	-1.32E-07	-9.18E-03	-1.81E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-1.25E+00	0.00E+00	-2.60E-09	-2.37E-08	-2.29E-03	0.00E+00	-4.40E-01	0.00E+00	-1.25E+00	-3.52E-05	-1.25E+00	-1.27E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NCN406	-1.55E-02	-1.67E-01	-5.26E-03	-5.73E-02	0.00E+00	0.00E+00	-2.72E+00	-1.51E-03	-2.02E-04	-7.32E-03	0.00E+00	0.00E+00	-3.82E-09	-1.47E-07	-5.67E-03	-2.88E+00	0.00E+00	0.00E+00	-3.29E+00	0.00E+00	-1.91E+00	0.00E+00	-2.84E-09	-4.37E-08	-2.98E-03	0.00E+00	-6.81E-01	0.00E+00	-1.91E+00	-5.04E-05	-1.91E+00	-2.39E+00	-6.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NCN406A	-1.01E-02	-2.48E-01	-6.60E-04	-1.62E-01	0.00E+00	0.00E+00	-1.97E+00	-8.89E-04	-2.23E-04	-6.80E-03	0.00E+00	0.00E+00	-3.02E-09	-1.22E-07	-1.45E-02	-2.63E+00	0.00E+00	0.00E+00	-2.98E+00	0.00E+00	-1.32E+00	0.00E+00	5.82E-09	-3.09E-08	-2.77E-03	0.00E+00	-5.87E-01	0.00E+00	-1.32E+00	-2.78E-05	-1.32E+00	-1.34E+00	-5.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NCN406N	-7.17E-03	-1.60E-01	-1.81E-03	-1.47E-01	0.00E+00	0.00E+00	-1.96E+00	-9.56E-04	4.55E-05	-8.40E-03	0.00E+00	0.00E+00	-2.80E-09	-1.29E-07	-6.65E-03	-1.98E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-1.02E+00	0.00E+00	-3.83E-09	-2.56E-08	-2.42E-03	0.00E+00	-4.32E-01	0.00E+00	-1.02E+00	-2.80E-05	-1.02E+00	-1.36E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.84E+01
NCN406P	-1.30E-02	-4.41E-01	-5.72E-03	-3.37E-01	0.00E+00	0.00E+00	-4.50E+00	-1.36E-03	-3.90E-04	-9.71E-03	0.00E+00	0.00E+00	-4.11E-09	-1.32E-07	-1.36E-02	-3.18E+00	0.00E+00	0.00E+00	-4.69E+00	0.00E+00	-3.57E+00	0.00E+00	-1.14E-08	-4.72E-08	-3.20E-03	0.00E+00	-7.37E-01	0.00E+00	-3.57E+00	-3.69E-05	-3.57E+00	-5.16E+00	-7.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
NCN410	-1.89E-02	-1.79E-01	-4.31E-03	-8.42E-02	0.00E+00	0.00E+00	-2.92E+00	-1.53E-03	-8.27E-05	-9.02E-03	0.00E+00	0.00E+00	-3.98E-09	-1.75E-07	-4.26E-03	-2.86E+00	0.00E+00	0.00E+00	-3.44E+00	0.00E+00	-2.29E+00	0.00E+00	-1.98E-09	-4.78E-08	-3.61E-03	0.00E+00	-6.93E-01	0.00E+00	-2.29E+00	-6.03E-05	-2.29E+00	-2.49E+00	-6.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NCN410A	2.73E-03	6.33E-01	1.59E-02	6.17E-01	0.00E+00	0.00E+00	3.63E+00	-3.26E-05	1.38E-03	5.32E-03	0.00E+00	0.00E+00	6.40E-10	1.27E-08	2.45E-02	9.54E-01	0.00E+00	0.00E+00	2.80E+00	0.00E+00	5.11E+00	0.00E+00	4.12E-08	1.94E-08	1.40E-03	0.00E+00	4.99E-01	0.00E+00	5.11E+00	-3.43E-07	5.11E+00	5.61E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E+01
NCN410N	-6.09E-03	-1.88E-01	-1.68E-03	-1.78E-01	0.00E+00	0.00E+00	-1.72E+00	-7.33E-04	1.67E-04	-9.13E-03	0.00E+00	0.00E+00	-3.01E-09	-1.05E-07	-7.34E-03	-1.79E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-1.58E+00	0.00E+00	-4.91E-09	-2.34E-08	-2.54E-03	0.00E+00	-4.16E-01	0.00E+00	-1.58E+00	-2.44E-05	-1.58E+00	-1.71E+00	-4.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NCN410P	-1.28E-02	-4.37E-01	-5.91E-03	-3.63E-01	0.00E+00	0.00E+00	-3.52E+00	-1.28E-03	-3.32E-04	-1.10E-02	0.00E+00	0.00E+00	-4.21E-09	-1.40E-07	-1.32E-02	-3.11E+00	0.00E+00	0.00E+00	-4.11E+00	0.00E+00	-3.56E+00	0.00E+00	-7.56E-09	-4.41E-08	-3.43E-03	0.00E+00	-6.69E-01	0.00E+00	-3.56E+00	-4.03E-05	-3.56E+00	-5.15E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
NCN413	2.52E-03	5.41E-01	1.43E-02	5.27E-01	0.00E+00	0.00E+00	3.07E+00	-5.50E-05	1.53E-03	4.39E-03	0.00E+00	0.00E+00	1.66E-11	1.20E-08	2.13E-02	6.10E-01	0.00E+00	0.00E+00	2.14E+00	0.00E+00	3.94E+00	0.00E+00	3.46E-08	1.25E-08	1.02E-03	0.00E+00	3.85E-01	0.00E+00	3.94E+00	-1.69E-06	3.94E+00	4.33E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E+01
NCN416	-1.74E-02	1.01E-03	5.81E-03	-4.80E-03	0.00E+00	0.00E+00	-1.46E+00	-1.80E-03	-6.30E-04	-8.64E-03	0.00E+00	0.00E+00	-1.72E-09	-2.04E-07	-2.92E-02	-2.86E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	1.20E+00	0.00E+00	1.60E-08	-2.68E-08	-2.46E-03	0.00E+00	-5.31E-01	0.00E+00	1.20E+00	-5.11E-05	1.20E+00	6.71E-01	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.57E+01
NCN416A	-2.05E-02	-3.21E-01	-7.64E-03	-3.14E-01	0.00E+00	0.00E+00	-5.69E+00	-1.97E-03	-1.02E-03	-1.28E-02	0.00E+00	0.00E+00	-6.18E-09	-2.29E-07	-4.79E-02	-3.84E+00	0.00E+00	0.00E+00	-7.06E+00	0.00E+00	-5.65E+00	0.00E+00	-1.88E-08	-6.95E-08	-4.59E-03	0.00E+00	-1.15E+00	0.00E+00	-5.65E+00	-6.09E-05	-5.65E+00	-6.81E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E+02

NCN416N	-9.86E-03	-1.64E-01	-2.01E-03	-1.42E-01	0.00E+00	0.00E+00	-2.51E+00	-1.34E-03	2.48E-04	-1.17E-02	0.00E+00	0.00E+00	-3.01E-09	-1.82E-07	-8.97E-03	-1.88E+00	0.00E+00	0.00E+00	-2.68E+00	0.00E+00	-9.72E-01	0.00E+00	-3.86E-09	-2.60E-08	-3.06E-03	0.00E+00	-4.48E-01	0.00E+00	-9.72E-01	-3.62E-05	-9.72E-01	-1.23E+00	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NCN416P	-1.95E-02	-4.39E-01	-6.80E-03	-3.58E-01	0.00E+00	0.00E+00	-4.35E+00	-1.75E-03	-7.38E-04	-1.37E-02	0.00E+00	0.00E+00	-4.36E-09	-2.30E-07	-1.36E-02	-3.15E+00	0.00E+00	0.00E+00	-4.27E+00	0.00E+00	-3.39E+00	0.00E+00	-7.44E-09	-5.48E-08	-4.44E-03	0.00E+00	-7.18E-01	0.00E+00	-3.39E+00	-5.74E-05	-3.39E+00	-4.99E+00	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
NCN420	4.06E-03	2.86E-01	1.69E-02	2.69E-01	0.00E+00	0.00E+00	4.02E+00	7.90E-06	2.37E-03	2.97E-03	0.00E+00	0.00E+00	7.38E-10	2.96E-08	2.23E-02	3.81E-02	0.00E+00	0.00E+00	3.19E+00	0.00E+00	4.61E+00	0.00E+00	3.45E-08	1.75E-08	9.75E-04	0.00E+00	3.89E-01	0.00E+00	4.61E+00	9.30E-07	4.61E+00	5.00E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NCN420A	-3.49E-02	-6.36E-01	-1.14E-02	-6.24E-01	0.00E+00	0.00E+00	-9.27E+00	-3.40E-03	-1.75E-03	-2.24E-02	0.00E+00	0.00E+00	-7.83E-09	-3.95E-07	-1.06E-02	-5.46E+00	0.00E+00	0.00E+00	-9.15E+00	0.00E+00	-6.59E+00	0.00E+00	-3.02E-08	-9.48E-08	-7.16E-03	0.00E+00	-1.25E+00	0.00E+00	-6.59E+00	-1.02E-04	-6.59E+00	-7.84E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.90E+02
NCN420N	-7.50E-03	-1.22E-01	-2.17E-03	-8.02E-02	0.00E+00	0.00E+00	-2.37E+00	-1.31E-03	1.58E-03	-1.14E-02	0.00E+00	0.00E+00	-3.07E-09	-1.78E-07	-8.60E-03	-4.12E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-6.31E-01	0.00E+00	-2.58E-09	-2.54E-08	-3.18E-03	0.00E+00	-8.03E-01	0.00E+00	-6.31E-01	-3.48E-05	-6.31E-01	-1.08E+00	-8.03E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
NCN420P	-2.07E-02	-4.44E-01	-7.02E-03	-3.57E-01	0.00E+00	0.00E+00	-5.61E+00	-1.80E-03	-6.03E-04	-1.34E-02	0.00E+00	0.00E+00	-4.52E-09	-2.32E-07	-1.25E-02	-3.15E+00	0.00E+00	0.00E+00	-5.38E+00	0.00E+00	-3.64E+00	0.00E+00	-1.15E-08	-6.23E-08	-4.47E-03	0.00E+00	-8.41E-01	0.00E+00	-3.64E+00	-5.66E-05	-3.64E+00	-5.26E+00	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
NCN425	1.64E-04	-3.67E-01	1.39E-03	-3.68E-01	0.00E+00	0.00E+00	-2.21E-01	-1.64E-04	1.77E-03	-3.73E-03	0.00E+00	0.00E+00	-3.64E-09	5.06E-09	-4.16E-02	-1.86E+00	0.00E+00	0.00E+00	-2.60E+00	0.00E+00	-3.44E+00	0.00E+00	-7.69E-09	-3.14E-08	-1.71E-03	0.00E+00	-6.37E-01	0.00E+00	-3.44E+00	-8.73E-06	-3.44E+00	-4.08E+00	-6.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NCN425A	3.38E-03	1.72E-01	1.33E-02	1.58E-01	0.00E+00	0.00E+00	3.17E+00	-1.58E-05	2.27E-03	1.83E-03	0.00E+00	0.00E+00	-2.96E-10	2.57E-08	1.79E-02	-1.07E+00	0.00E+00	0.00E+00	1.75E+00	0.00E+00	3.03E+00	0.00E+00	2.61E-08	7.68E-09	4.92E-04	0.00E+00	8.95E-02	0.00E+00	3.03E+00	-1.09E-06	3.03E+00	3.12E+00	8.95E-02	0.00E+00	0.00E+00	0.00E+00	5.82E+01
NCN425N	-4.76E-03	-6.25E-02	-2.59E-03	-7.23E-02	0.00E+00	0.00E+00	-3.43E-01	-7.56E-04	1.80E-03	-1.09E-02	0.00E+00	0.00E+00	-3.22E-09	-1.34E-07	-1.06E-02	-4.30E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-3.57E-01	0.00E+00	-4.38E-09	-2.89E-08	-2.29E-03	0.00E+00	-8.85E-01	0.00E+00	-3.57E-01	-4.51E-05	-3.57E-01	-7.83E-01	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
NCN425P	-2.21E-02	-4.65E-01	-7.09E-03	-3.28E-01	0.00E+00	0.00E+00	-4.51E+00	-2.20E-03	-4.95E-04	-1.36E-02	0.00E+00	0.00E+00	-4.79E-09	-2.99E-07	-1.22E-02	-4.01E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-3.76E+00	0.00E+00	-1.16E-08	-6.11E-08	-4.31E-03	0.00E+00	-8.94E-01	0.00E+00	-3.76E+00	-6.99E-05	-3.76E+00	-5.32E+00	-8.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
NCN432	-4.69E-02	-7.66E-01	-1.45E-02	-7.51E-01	0.00E+00	0.00E+00	-1.21E+01	-4.56E-03	-2.32E-03	-2.93E-02	0.00E+00	0.00E+00	-9.04E-09	-5.31E-07	-5.59E-02	-7.06E+00	0.00E+00	0.00E+00	-1.20E+01	0.00E+00	-8.06E+00	0.00E+00	-3.59E-08	-1.18E-07	-9.06E-03	0.00E+00	-1.82E+00	0.00E+00	-8.06E+00	-1.35E-04	-8.06E+00	-9.88E+00	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-5.04E+02
NCN432A	3.09E-03	2.04E-01	9.15E-03	1.95E-01	0.00E+00	0.00E+00	1.26E+00	-9.23E-05	2.93E-03	1.34E-03	0.00E+00	0.00E+00	-2.56E-09	2.27E-08	-3.15E-02	-6.79E-01	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-4.14E-01	0.00E+00	1.52E-08	-1.30E-08	-2.25E-04	0.00E+00	-2.99E-01	0.00E+00	-4.14E-01	-5.36E-06	-4.14E-01	-7.13E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.83E+01
NCN432N	-4.61E-03	-1.87E-02	-3.24E-03	-3.49E-02	0.00E+00	0.00E+00	-6.71E-01	-7.58E-04	1.94E-03	-1.04E-02	0.00E+00	0.00E+00	-3.03E-09	-1.57E-07	-1.26E-02	-4.28E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-4.83E-01	0.00E+00	-7.03E-09	-2.41E-08	-2.19E-03	0.00E+00	-9.39E-01	0.00E+00	-4.83E-01	-5.37E-05	-4.83E-01	-9.13E-01	-9.39E-01	0.00E+00	0.00E+00	0.00E+00	-7.11E+01
NCN432P	-2.60E-02	-4.71E-01	-7.47E-03	-3.34E-01	0.00E+00	0.00E+00	-6.44E+00	-2.75E-03	6.97E-04	-1.60E-02	0.00E+00	0.00E+00	-6.21E-09	-3.08E-07	-1.37E-02	-4.55E+00	0.00E+00	0.00E+00	-6.96E+00	0.00E+00	-4.38E+00	0.00E+00	-1.26E-08	-6.18E-08	-4.38E-03	0.00E+00	-9.82E-01	0.00E+00	-4.38E+00	-6.86E-05	-4.38E+00	-6.06E+00	-9.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+02
NCN440	5.45E-03	2.34E-01	1.85E-02	2.16E-01	0.00E+00	0.00E+00	3.67E+00	-5.38E-05	3.99E-03	2.32E-03	0.00E+00	0.00E+00	1.51E-10	3.92E-08	2.02E-02	-8.02E-01	0.00E+00	0.00E+00	2.92E+00	0.00E+00	3.82E+00	0.00E+00	3.14E-08	1.27E-08	7.54E-04	0.00E+00	2.44E-01	0.00E+00	3.82E+00	-1.92E-06	3.82E+00	4.06E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
NCN440A	3.59E-03	-1.52E-01	1.10E-02	-1.63E-01	0.00E+00	0.00E+00	1.74E+00	-1.16E-04	3.67E-03	-1.33E-03	0.00E+00	0.00E+00	-1.78E-09	2.99E-08	-3.30E-02	-1.80E+00	0.00E+00	0.00E+00	1.31E-01	0.00E+00	-3.82E-01	0.00E+00	9.63E-09	-1.20E-08	-6.24E-04	0.00E+00	-3.67E-01	0.00E+00	-3.82E-01	-5.51E-06	-3.82E-01	-7.48E-01	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
NCN440N	-6.16E-03	-1.01E-02	-2.28E-03	-3.15E-02	0.00E+00	0.00E+00	-1.43E+00	-7.44E-04	1.90E-03	-1.60E-02	0.00E+00	0.00E+00	-3.51E-09	-3.29E-07	-1.34E-02	-4.49E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-4.19E-01	0.00E+00	-6.71E-09	-3.25E-08	-2.78E-03	0.00E+00	-1.02E+00	0.00E+00	-4.19E-01	-6.14E-05	-4.19E-01	-8.45E-01	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-8.99E+01
NCN440P	-2.74E-02	-4.33E-01	-7.32E-03	-3.67E-01	0.00E+00	0.00E+00	-8.19E+00	-3.08E-03	5.79E-04	-1.95E-02	0.00E+00	0.00E+00	-6.85E-09	-3.95E-07	-1.34E-02	-4.09E+00	0.00E+00	0.00E+00	-7.18E+00	0.00E+00	-4.38E+00	0.00E+00	-1.22E-08	-6.65E-08	-4.97E-03	0.00E+00	-1.00E+00	0.00E+00	-4.38E+00	-8.09E-05	-4.38E+00	-6.18E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+02
NCN450	-6.21E-02	-2.60E-02	-6.11E-03	-1.99E-02	0.00E+00	0.00E+00	-1.36E+01	-6.28E-03	-2.47E-03	-3.18E-02	0.00E+00	0.00E+00	-8.28E-09	-7.30E-07	-4.08E-02	-5.57E+00	0.00E+00	0.00E+00	-1.21E+01	0.00E+00	-3.25E+00	0.00E+00	-2.84E-09	-1.14E-07	-9.39E-03	0.00E+00	-1.39E+00	0.00E+00	-3.25E+00	-1.82E-04	-3.25E+00	-4.64E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-5.24E+02
NCN450A	-6.19E-02	-3.69E-01	-6.71E-03	-3.62E-01	0.00E+00	0.00E+00	-1.36E+01	-6.24E-03	-2.63E-03	-3.42E-02	0.00E+00	0.00E+00	-7.88E-09	-7.24E-07	-1.75E-03	-7.13E+00	0.00E+00	0.00E+00	-1.09E+01	0.00E+00	-3.37E+00	0.00E+00	-1.22E-08	-1.14E-07	-9.86E-03	0.00E+00	-1.33E+00	0.00E+00	-3.37E+00	-1.80E-04	-3.37E+00	-4.70E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-4.74E+02
NCN450N	-8.71E-03	3.19E-02	-2.77E-03	-7.06E-02	0.00E+00	0.00E+00	-5.66E+00	-1.00E-03	1.00E-03	-1.39E-02	0.00E+00	0.00E+00	-3.51E-09	-2.55E-07	-7.26E-03	-1.75E+00	0.00E+00	0.00E+00	-4.17E+00	0.00E+00	-1.14E+00	0.00E+00	-6.21E-09	-2.82E-08	-1.86E-03	0.00E+00	-6.59E-01	0.00E+00	-1.14E+00	-6.38E-05	-1.14E+00	-2.11E+00	-6.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
NCN450P	-4.27E-02	-4.73E-01	-7.90E-03	-3.63E-01	0.00E+00	0.00E+00	-8.62E+00	-4.40E-03	-2.03E-03	-2.49E-02	0.00E+00	0.00E+00	-7.82E-09	-4.27E-07	-1.39E-02	-5.71E+00	0.00E+00	0.00E+00	-7.94E+00	0.00E+00	-4.65E+00	0.00E+00	-1.21E-08	-1.05E-07	-7.79E-03	0.00E+00	-1.22E+00	0.00E+00	-4.65E+00	-9.96E-05	-4.65E+00	-6.33E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+02
NCN463	-6.21E-02	-2.42E-01	-4.12E-03	-2.38E-01	0.00E+00	0.00E+00	-1.30E+01	-6.29E-03	-2.59E-03	-3.34E-02	0.00E+00	0.00E+00	-7.27E-09	-7.30E-07	2.37E-03	-5.97E+00	0.00E+00	0.00E+00	-1.01E+01	0.00E+00	-1.99E+00	0.00E+00	-3.93E-09	-1.07E-07	-9.51E-03	0.00E+00	-1.08E+00	0.00E+00	-1.99E+00	-1.81E-04	-1.99E+00	-3.07E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-4.45E+02
NCN463A	-6.37E-02	-3.10E-01	-1.12E-02	-2.99E-01	0.00E+00	0.00E+00	-1.53E+01	-6.37E-03	-2.72E-03	-3.48E-02	0.00E+00	0.00E+00	-9.78E-09	-7.42E-07	-4.97E-02	-6.19E+00	0.00E+00	0.00E+00	-1.34E+01	0.00E+00	-6.26E+00	0.00E+00	-2.10E-08	-1.33E-07	-1.06E-02	0.00E+00	-1.61E+00	0.00E+00	-6.26E+00	-1.86E-04	-6.26E+00	-7.87E+00	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	-5.72E+02
NCN463N	-6.12E-03	6.00E-02	-2.27E-03	-6.86E-02	0.00E+00	0.00E+00	-5.57E+00	-9.67E-04	1.21E-03	-1.21E-02	0.00E+00	0.00E+00	-3.28E-09	-2.75E-07	-1.53E-03	-1.72E+00	0.00E+00	0.00E+00	-4.08E+00	0.00E+00	-3.49E-01	0.00E+00	-6.21E-09	-2.98E-08	-1.94E-03	0.00E+00	-5.63E-01	0.00E+00	-3.49E-01	-5.11E-05	-3.49E-01	-1.51E+00	-5.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
NCN463P	-4.13E-02	-5.88E-01	-9.35E-03	-5.21E-01	0.00E+00	0.00E+00	-8.69E+00	-4.34E-03	-2.11E-03	-2.69E-02	0.00E+00	0.00E+00	-7.94E-09	-4.61E-07	-1.21E-02	-5.57E+00	0.00E+00	0.00E+00	-8.11E+00	0.00E+00	-5.05E+00	0.00E+00	-2.47E-08	-1.10E-07	-8.06E-03	0.00E+00	-1.35E+00	0.00E+00	-5.05E+00	-8.74E-05	-5.05E+00	-7.15E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-3.35E+02
NCN506	-5.55E-03	-9.46E-03	6.86E-04	1.03E-02	0.00E+00	0.00E+00	-1.52E+00	-4.89E-04	-2.40E-04	-2.98E-03	0.00E+00	0.00E+00	-2.10E-09	-1.24E-07	-5.45E-03	-1.07E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-2.64E-01	0.00E+00	3.72E-09	-1.23E-08	-6.76E-04	0.00E+00	-2.08E-01	0.00E+00	-2.64E-01	-3.35E-05	-2.64E-01	-4.60E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
NCN506A	-4.49E-03	-3.20E-02	2.78E-03	-3.41E-02	0.00E+00	0.00E+00	-3.31E-01	-4.61E-04	1.89E-04	-1.96E-03	0.00E+00	0.00E+00	-1.91E-09	-2.78E-08	-1.89E-03	-3.11E+00	0.00E+00	0.00E+00	-9.88E-01	0.00E+00	-1.96E-02	0.00E+00	6.21E-09	-1.38E-08	-1.09E-03	0.00E+00	-5.40E-01	0.00E+00	-1.96E-02	-1.33E-05	-1.96E-02	-2.96E-01	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
NCN510	-5.62E-03	-1.59E-02	8.67E-04	-6.84E-03	0.00E+00	0.00E+00	-1.63E+00	-5.18E-04	-2.33E-04	-2.96E-03	0.00E+00	0.00E+00	-2.21E-09	-1.21E-07	-5.51E-03	-2.01E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-3.36E-01	0.00E+00	3.74E-09	-1.34E-08	-7.81E-04	0.00E+00	-3.28E-01	0.00E+00	-3.36E-01	-3.51E-05	-3.36E-01	-7.12E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
NCN510A	-5.63E-03	-1.16E-02	8.59E-04	-6.84E-03	0.00E+00	0.00E+00	-1.63E+00	-5.26E-04	-2.33E-04	-3.01E-03	0.00E+00	0.00E+00	-2.18E-09	-1.21E-07	-5.26E-03	-2.09E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-2.88E-01	0.00E+00	3.82E-09	-1.35E-08	-7.70E-04	0.00E+00	-3.29E-01	0.00E+00	-2.88E-01	-3.49E-05	-2.88E-01	-6.93E-01	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
NCN513	-8.80E-03	1.43E-01	2.92E-03	1.40E-01	0.00E+00	0.00E+00	-1.01E+00	-9.29E-04	-2.56E-04	-3.44E-03	0.00E+00	0.00E+00	-1.18E-09	-1.06E-07	-1.45E-02	-9.65E-01	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	4.82E-01	0.00E+00	9.74E-09	-1.46E-08	-1.13E-03	0.00E+00	-2.21E-01	0.00E+00	4.82E-01	-2.69E-05	4.82E-01	2.61E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
NCN513A	-5.76E-03	-1.88E-02	8.03E-04	-1.66E-02	0.00E+00	0.00E+00	-1.82E+00	-5.48E-04	-2.47E-04	-3.81E-03	0.00E+00	0.00E+00	-2.34E-09	-1.32E-07	-5.84E-03	-1.89E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-3.17E-01	0.00E+00	3.40E-09	-1.53E-08	-8.84E-04	0.00E+00	-3.28E-01	0.00E+00	-3.17E-01	-3.89E-05	-3.17E-01	-8.87E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-8.45E+01
NCN516	-5.86E-03	-1.95E-02	8.94E-04	-1.93E-02	0.00E+00	0.00E+00	-1.84E+00	-5.58E-04	-2.56E-04	-3.77E-03	0.00E+00	0.00E+00	-2.43E-09	-1.30E-07	-4.67E-03	-1.87E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-4.29E-01	0.00E+00	3.40E-09	-1.67E-08	-9.20E-04	0.00E+00	-3.11E-01	0.00E+00	-4.29E-01	-3.86E-05	-4.29E-01	-1.03E+00	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.54E+01
NCN516A	-5.86E-03	-1.95E-02	8.94E-04	-1.93E-02	0.00E+00	0.00E+00	-1.84E+00	-5.58E-04	-2.56E-04	-3.77E-03	0.00E+00	0.00E+00	-2.43E-09	-1.30E-07	-4.63E-03	-1.87E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-4.08E-01	0.00E+00	3.40E-09	-1.67E-08	-9.23E-04	0.00E+00	-3.11E-01	0.00E+00	-4.08E-01	-3.86E-05	-4.08E-01	-1.00E+00	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.54E+01
NCN520	-6.14E-03	-1.50E-02	9.91E-04	-1.57E-02	0.00E+00	0.00E+00	-2.10E+00	-6.02E-04	-3.35E-04	-3.74E-03	0.00E+00	0.00E+00	-2.45E-09	-1.51E-07	-4.44E-03	-1.85E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-4.29E-01	0.00E+00	3.87E-09	-1.69E-08	-9.18E-04	0.00E+00	-3.05E-01	0.00E+00	-4.29E-01	-4.46E-05	-4.29E-01	-9.87E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.50E+01
NCN520A	-6.09E-03	-1.50E-02	9.91E-04	-1.49E-02	0.00E+00	0.00E+00	-2.07E+00	-6.02E-04	-3.35E-04	-3.74E-03	0.00E+00	0.00E+00	-2.45E-09	-1.51E-07	-4.39E-03	-1.96E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-3.85E-01	0.00E+00	3.92E-09	-1.69E-08	-9.18E-04	0.00E+00	-3.02E-01	0.00E+00	-3.85E-01	-4.45E-05	-3.85E-01	-9.43E-01	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
NCN525	-4.90E-03	5.68E-03	1.32E-03	7.11E-03	0.00E+00	0.00E+00	-2.02E+00	-4.26E-04	-1.05E-04	-2.68E-03	0.00E+00	0.00E+00	-2.26E-09	-1.42E-07	-4.13E-03	-9.50E-01	0.00E+00	0.00E+00	-1.97E+00	0.00E+00	-4.30E-01	0.00E+00	3.61E-09	-1.46E-08	-6.85E-04	0.00E+00	-2.01E-01	0.00E+00	-4.30E-01	-4.46E-05	-4.30E-01	-7.95E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-9.28E+01
NCN525A	-4.94E-03	3.01E-04	1.36E-03	-1.63E-02	0.00E+00	0.00E+00	-2.04E+00	-4.29E-04	-1.05E-04	-2.78E-03	0.00E+00	0.00E+00	-2.37E-09	-1.42E-07	-4.36E-03	-1.98E+00	0.00E+00	0.00E+00	-2.13E+00	0.00E+00	-5.02E-01	0.00E+00	3.35E-09	-1.53E-08	-7.51E-04	0.00E+00	-3.16E-01	0.00E+00	-5.02E-01	-4.58E-05	-5.02E-01	-9.32E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-9.90E+01
NCN532	-4.81E-03	-3.90E-03	3.03E-03	-6.76E-02	0.00E+00	0.00E+00	-6.80E-01	-5.68E-04	6.34E-04	-2.66E-03	0.00E+00	0.00E+00	-2.25E-09	-1.51E-08	-1.99E-03	-2.92E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-3.65E-01	0.00E+00	5.90E-09	-1.62E-08	-1.20E-03	0.00E+00	-5.59E-01	0.00E+00	-3.65E-01	-1.80E-05	-3.65E-01	-9.34E-01	-5.59E-01	0.00E+00	0.00E+00	0.00E+00	-6.46E+01
NCN532A	-4.01E-03	1.07E-02	1.58E-03	1.31E-02	0.00E+00	0.00E+00	-2.19E+00	-3.85E-04	-8.22E-05	-2.45E-03	0.00E+00	0.00E+00	-2.22E-09	-1.39E-07	-4.44E-03	-1.08E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-2.39E-01	0.00E+00	4.41E-09	-1.35E-08	-6.27E-04	0.00E+00	-2.03E-01	0.00E+00	-2.39E-01	-4.75E-05	-2.39E-01	-6.20E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-9.47E+01
NCN540	-7.93E-03	-5.67E-03	7.84E-04	3.02E-03	0.00E+00	0.00E+00	-2.59E+00	-6.02E-04	-2.73E-04	-3.62E-03	0.00E+00	0.00E+00	-2.39E-09	-1.91E-07	-2.08E-03	-1.38E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-3.85E-01	0.00E+00	4.03E-09	-1.86E-08	-1.02E-03	0.00E+00	-2.99E-01	0.00E+00	-3.85E-01	-5.34E-05	-3.85E-01	-6.21E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NCN540A	-7.98E-03	-5.12E-03	7.44E-04	1.84E-03	0.00E+00	0.00E+00	-2.59E+00	-6.02E-04	-2.73E-04	-3.55E-03	0.00E+00	0.00E+00	-2.39E-09	-1.91E-07	-2.16E-03	-1.40E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-3.95E-01	0.00E+00	4.03E-09	-1.88E-08	-1.03E-03	0.00E+00	-2.95E-01	0.00E+00	-3.95E-01	-5.33E-05	-3.95E-01	-6.32E-01	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NCN550	-1.08E-02	3.57E-02	-7.63E-04	4.04E-02	0.00E+00	0.00E+00	-3.09E+00	-1.02E-03	-2.60E-04	-5.93E-03	0.00E+00	0.00E+00	-2.63E-09	-2.14E-07	-3.28E-03	-1.46E+00	0.00E+00	0.00E+00	-2.65E+00	0.00E+00	-3.10E-01	0.00E+00	4.49E-09	-2.30E-08	-1.82E-03	0.00E+00	-2.69E-01	0.00E+00	-3.10E-01	-5.70E-05	-3.10E-01	-7.65E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NCN550A	-1.08E-02	3.57E-02	-7.63E-04	4.04E-02	0.00E+00	0.00E+00	-3.09E+00	-1.02E-03	-2.57E-04	-5.93E-03	0.00E+00	0.00E+00	-2.62E-09	-2.21E-07	-3.33E-03	-1.46E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-3.03E-01	0.00E+00	4.41E-09	-2.34E-08	-1.87E-03	0.00E+00	-2.71E-01	0.00E+00	-3.03E-01	-5.72E-05	-3.03E-01	-7.90E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NCN563	-1.68E-02	3.24E-02	-1.41E-03	-3.65E-04	0.00E+00	0.00E+00	-4.34E+00	-1.90E-03	-1.86E-04	-8.47E-03	0.00E+00	0.00E+00	-3.93E-09	-3.02E-07	-2.66E-03	-1.42E+00	0.00E+00	0.00E+00	-3.57E+00	0.00E+00	-4.51E-01	0.00E+00	4.38E-09	-2.78E-08	-3.01E-03	0.00E+00	-4.15E-01	0.00E+00	-4.51E-01	-8.50E-05	-4.51E-01	-7.37E-01	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NCN563A	-1.68E-02	3.48E-02	-1.41E-03	2.39E-03	0.00E+00	0.00E+00	-4.32E+00	-1.90E-03	-1.80E-04	-8.57E-03	0.00E+00	0.00E+00	-3.91E-09	-3.02E-07	-2.63E-03	-1.39E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-4.36E-01	0.00E+00	4.48E-09	-2.78E-08	-3.00E-03	0.00E+00	-4.02E-01	0.00E+00	-4.36E-01	-8.49E-05	-4.36E-01	-7.29E-01	-4.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NCN606	-1.53E-02	-1.56E-01	-5.38E-03	-2.49E-02	0.00E+00	0.00E+00	-2.68E+00	-1.43E-03	-3.97E-04	-8.42E-03	0.00E+00	0.00E+00	-3.68E-09	-1.72E-07	-4.69E-03	-3.16E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-1.81E+00	0.00E+00	-1.62E-09	-3.83E-08	-2.98E-03	0.00E+00	-5.67E-01	0.00E+00	-1.81E+00	-5.10E-05	-1.81E+00	-2.33E+00	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
NCN610	-1.73E-02	-1.63E-01	-4.18E-03	-4.94E-02	0.00E+00	0.00E+00	-2.91E+00	-1.35E-03	-2.50E-04	-9.84E-03	0.00E+00	0.00E+00	-3.95E-09	-2.03E-07	-3.51E-03	-3.22E+00	0.00E+00	0.00E+00	-3.53E+00	0.00E+00	-2.20E+00	0.00E+00	-1.65E-09	-4.30E-08	-3.62E-03	0.00E+00	-5.72E-01	0.00E+00	-2.20E+00	-5.74E-05	-2.20E+00	-2.30E+00	-5.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NCN613	-2.04E-02	-5.12E-01	-6.08E-03	-5.05E-01	0.00E+00	0.00E+00	-5.02E+00	-1.95E-03	-1.12E-03	-1.40E-02	0.00E+00	0.00E+00	-5.24E-09	-2.25E-07	-4.69E-02	-3.78E+00	0.00E+00	0.00E+00	-5.86E+00	0.00E+00	-4.91E+00	0.00E+00	-1.88E-08	-6.44E-08	-4.65E-03	0.00E+00	-1.04E+00	0.00E+00	-4.91E+00	-5.91E-05	-4.91E+00	-5.95E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E+02
NCN616	-1.90E-02	-6.39E-02	-3.57E-03	-6.04E-02	0.00E+00	0.00E+00	-4.80E+00	-1.91E-03	-7.85E-04	-1.04E-02	0.00E+00	0.00E+00	-5.40E-09	-2.20E-07	7.98E-05	-1.78E+00	0.00E+00	0.00E+00	-5.34E+00	0.00E+00	-3.28E+00	0.00E+00	-6.95E-09	-5.51E-08	-3.80E-03	0.00E+00	-4.97E-01	0.00E+00	-3.28E+00	-5.80E-05	-3.28E+00	-3.78E+00	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
NCN620	1.50E-03	2.45E-02	5.30E-03	1.92E-02	0.00E+00	0.00E+00	2.83E-01	-1.23E-04	2.07E-03	-4.29E-04	0.00E+00	0.00E+00	-3.13E-09	1.15E-08	-3.64E-02	-2.63E-01	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-2.00E+00	0.00E+00	4.73E-09	-2.26E-08	-9.11E-04	0.00E+00	-3.01E-01	0.00E+00	-2.00E+00	-6.44E-06	-2.00E+00	-2.30E+00	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.87E+01
NCN625	-3.50E-02	-3.47E-01	-1.00E-02	-3.37E-01	0.00E+00	0.00E+00	-9.20E+00	-3.44E-03	-1.61E-03	-2.04E-02	0.00E+00	0.00E+00	-7.85E-09	-4.00E-07	-4.97E-02	-4.20E+00	0.00E+00	0.00E+00	-9.74E+00	0.00E+00	-6.36E+00	0.00E+00	-2.16E-08	-9.38E-08	-6.75E-03	0.00E+00	-1.30E+00	0.00E+00	-6.36E+00	-1.03E-04	-6.36E+00	-7.66E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
NCN632	5.57E-03	6.55E-01	1.96E-02	6.36E-01	0.00E+00	0.00E+00	4.23E+00	6.98E-06	3.33E-03	5.92E-03	0.00E+00	0.00E+00	4.39E-10	3.69E-08	2.59E-02	-6.03E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	5.37E+00	0.00E+00	4.44E-08	2.16E-08	1.66E-03	0.00E+00	3.64E-01	0.00E+00	5.37E+00	2.83E-07	5.37E+00	5.73E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NCN640	4.59E-03	3.08E-01	1.31E-02	2.95E-01	0.00E+00	0.00E+00	1.82E+00	-1.17E-04	3.97E-03	2.21E-03	0.00E+00	0.00E+00	-2.13E-09	3.04E-08	1.39E-02	7.28E-03	0.00E+00	0.00E+00	3.58E-01	0.00E+00	1.20E+00	0.00E+00	2.15E-08	-3.67E-09	1.85E-04	0.00E+00	1.25E-01	0.00E+00	1.20E+00	-6.04E-06	1.20E+00	1.33E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN650	-6.34E-02	-3.86E-01	-1.34E-02	-3.73E-01	0.00E+00	0.00E+00	-1.59E+01	-6.32E-03	-2.73E-03	-3.52E-02	0.00E+00	0.00E+00	-1.04E-08	-7.36E-07	-5.30E-02	-6.92E+00	0.00E+00	0.00E+00	-1.41E+01	0.00E+00	-7.44E+00	0.00E+00	-2.72E-08	-1.39E-07	-1.08E-02	0.00E+00	-1.79E+00	0.00E+00	-7.44E+00	-1.85E-04	-7.44E+00	-9.23E+00	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	-5.99E+02
NCN663	6.61E-03	6.82E-01	2.22E-02	6.60E-01	0.00E+00	0.00E+00	4.07E+00	-5.33E-05	4.47E-03	5.82E-03	0.00E+00	0.00E+00	2.83E-10	4.22E-08	2.59E-02	9.76E-01	0.00E+00	0.00E+00	3.39E+00	0.00E+00	5.24E+00	0.00E+00	4.53E-08	2.06E-08	1.58E-03	0.00E+00	5.65E-01	0.00E+00	5.24E+00	-1.67E-06	5.24E+00	5.80E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
ND106P	-3.04E-03	-6.17E-03	1.35E-03	1.91E-02	0.00E+00	0.00E+00	-4.64E-01	-2.58E-04	5.39E-05	-1.27E-03	0.00E+00	0.00E+00	-4.44E-10	-3.54E-08	4.77E-04	-9.65E-01	0.00E+00	0.00E+00	-5.62E-01	0.00E+00	4.59E-02	0.00E+00	3.20E-09	-6.02E-09	-4.38E-04	0.00E+00	-9.69E-02	0.00E+00	4.59E-02	-7.50E-06	4.59E-02	-7.32E-02	-9.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
ND110P	-3.94E-03	-7.00E-03	1.24E-03	1.48E-02	0.00E+00	0.00E+00	-6.37E-01	-3.76E-04	1.60E-05	-2.02E-03	0.00E+00	0.00E+00	-8.88E-10	-5.02E-08	4.93E-04	-1.24E+00	0.00E+00	0.00E+00	-7.02E-01	0.00E+00	6.96E-02	0.00E+00	3.26E-09	-7.64E-09	-5.42E-04	0.00E+00	-1.33E-01	0.00E+00	6.96E-02	-1.16E-05	6.96E-02	-9.30E-02	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
ND116P	-3.08E-03	-3.51E-03	1.41E-03	2.10E-02	0.00E+00	0.00E+00	-4.86E-01	-2.56E-04	4.82E-05	-1.23E-03	0.00E+00	0.00E+00	-3.88E-10	-3.44E-08	7.72E-04	-9.91E-01	0.00E+00	0.00E+00	-5.72E-01	0.00E+00	1.23E-01	0.00E+00	3.39E-09	-5.90E-09	-4.36E-04	0.00E+00	-9.24E-02	0.00E+00	1.23E-01	-7.37E-06	1.23E-01	-5.52E-02	-9.24E-02	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
ND120P	-3.93E-03	-4.92E-03	1.18E-03	1.58E-02	0.00E+00	0.00E+00	-6.96E-01	-4.17E-04	-8.47E-06	-2.36E-03	0.00E+00	0.00E+00	-9.03E-10	-5.41E-08	4.62E-04	-1.29E+00	0.00E+00	0.00E+00	-7.77E-01	0.00E+00	1.18E-01	0.00E+00	3.52E-09	-7.61E-09	-5.84E-04	0.00E+00	-1.48E-01	0.00E+00	1.18E-01	-1.21E-05	1.18E-01	-5.94E-02	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
ND125P	-3.83E-03	-3.02E-03	1.32E-03	2.07E-02	0.00E+00	0.00E+00	-6.93E-01	-4.31E-04	-8.47E-06	-2.37E-03	0.00E+00	0.00E+00	-8.79E-10	-4.77E-08	7.25E-04	-1.29E+00	0.00E+00	0.00E+00	-7.63E-01	0.00E+00	1.59E-01	0.00E+00	3.90E-09	-7.56E-09	-5.93E-04	0.00E+00	-1.42E-01	0.00E+00	1.59E-01	-1.14E-05	1.59E-01	2.61E-03	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
ND132P	-3.78E-03	-2.80E-03	1.49E-03	2.24E-02	0.00E+00	0.00E+00	-6.80E-01	-4.34E-04	-1.17E-05	-2.41E-03	0.00E+00	0.00E+00	-8.73E-10	-4.84E-08	1.03E-03	-1.27E+00	0.00E+00	0.00E+00	-7.39E-01	0.00E+00	1.94E-01	0.00E+00	4.04E-09	-7.64E-09	-5.87E-04	0.00E+00	-1.33E-01	0.00E+00	1.94E-01	-1.09E-05	1.94E-01	4.88E-02	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
ND140P	-3.30E-03	-2.69E-03	1.45E-03	2.20E-02	0.00E+00	0.00E+00	-5.14E-01	-3.09E-04	6.30E-05	-1.05E-03	0.00E+00	0.00E+00	-3.66E-10	-2.38E-08	1.03E-03	-9.32E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	1.13E-01	0.00E+00	3.48E-09	-6.30E-09	-4.40E-04	0.00E+00	-8.41E-02	0.00E+00	1.13E-01	-8.24E-06	1.13E-01	-4.15E-02	-8.41E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
ND150P	-4.07E-03	-1.34E-02	1.18E-03	1.33E-02	0.00E+00	0.00E+00	-8.34E-01	-4.75E-04	5.54E-05	-1.73E-03	0.00E+00	0.00E+00	-6.12E-10	-3.38E-08	-7.27E-04	-9.22E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-7.06E-02	0.00E+00	3.15E-09	-9.21E-09	-8.84E-04	0.00E+00	-1.00E-01	0.00E+00	-7.06E-02	-1.22E-05	-7.06E-02	-3.56E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
ND163P	-4.36E-03	-2.03E-02	1.31E-03	-2.47E-03	0.00E+00	0.00E+00	-8.78E-01	-5.62E-04	1.16E-04	-1.91E-03	0.00E+00	0.00E+00	-6.33E-10	-3.43E-08	-6.28E-04	-9.71E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-2.09E-01	0.00E+00	2.75E-09	-1.21E-08	-1.00E-03	0.00E+00	-1.24E-01	0.00E+00	-2.09E-01	-1.32E-05	-2.09E-01	-5.25E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.45E+01
ND206P	-4.83E-03	-5.81E-02	1.51E-03	-8.46E-02	0.00E+00	0.00E+00	-1.54E+00	-5.00E-04	2.51E-05	-2.85E-03	0.00E+00	0.00E+00	-2.14E-09	-6.91E-08	-6.56E-03	-4.05E+00	0.00E+00	0.00E+00	-1.54E+00	0.00E+00	-5.21E-01	0.00E+00	1.70E-09	-1.52E-08	-9.22E-04	0.00E+00	-7.00E-01	0.00E+00	-5.21E-01	-1.77E-05	-5.21E-01	-1.03E+00	-7.00E-01	0.00E+00	0.00E+00	0.00E+00	-7.42E+01
ND216P	-4.72E-03	-8.19E-02	1.51E-03	-1.12E-01	0.00E+00	0.00E+00	-1.88E+00	-5.84E-04	1.77E-04	-3.24E-03	0.00E+00	0.00E+00	-2.38E-09	-6.32E-08	-5.00E-03	-3.91E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-8.00E-01	0.00E+00	7.20E-10	-1.80E-08	-1.46E-03	0.00E+00	-7.65E-01	0.00E+00	-8.00E-01	-2.02E-05	-8.00E-01	-1.63E+00	-7.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
ND220P	-5.87E-03	-8.61E-02	9.73E-04	-1.34E-01	0.00E+00	0.00E+00	-2.40E+00	-5.91E-04	1.27E-04	-4.42E-03	0.00E+00	0.00E+00	-2.49E-09	-8.17E-08	-5.82E-03	-3.98E+00	0.00E+00	0.00E+00	-2.47E+00	0.00E+00	-9.29E-01	0.00E+00	4.79E-10	-2.05E-08	-1.40E-03	0.00E+00	-7.91E-01	0.00E+00	-9.29E-01	-2.38E-05	-9.29E-01	-1.84E+00	-7.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
ND225P	-4.88E-03	-5.58E-02	1.45E-03	-1.35E-01	0.00E+00	0.00E+00	-2.58E+00	-4.86E-04	3.21E-04	-4.12E-03	0.00E+00	0.00E+00	-2.42E-09	-5.78E-08	-4.71E-03	-3.77E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	-1.11E+00	0.00E+00	8.49E-10	-1.88E-08	-1.15E-03	0.00E+00	-7.29E-01	0.00E+00	-1.11E+00	-2.49E-05	-1.11E+00	-1.98E+00	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
ND232P	-5.11E-03	-5.83E-02	1.34E-03	-1.42E-01	0.00E+00	0.00E+00	-2.69E+00	-5.11E-04	2.84E-04	-4.65E-03	0.00E+00	0.00E+00	-2.51E-09	-6.15E-08	-5.69E-03	-3.80E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-1.11E+00	0.00E+00	7.91E-10	-2.02E-08	-1.17E-03	0.00E+00	-7.40E-01	0.00E+00	-1.11E+00	-2.70E-05	-1.11E+00	-1.89E+00	-7.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
ND240P	-6.72E-03	-6.93E-02	1.15E-03	-1.42E-01	0.00E+00	0.00E+00	-2.59E+00	-6.32E-04	1.47E-04	-4.75E-03	0.00E+00	0.00E+00	-2.57E-09	-9.70E-08	-4.86E-03	-3.81E+00	0.00E+00	0.00E+00	-2.69E+00	0.00E+00	-1.10E+00	0.00E+00	6.96E-11	-2.16E-08	-1.42E-03	0.00E+00	-7.32E-01	0.00E+00	-1.10E+00	-2.77E-05	-1.10E+00	-1.85E+00	-7.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
ND250P	-1.23E-02	-4.81E-02	-4.41E-04	-1.33E-01	0.00E+00	0.00E+00	-3.34E+00	-1.06E-03	-3.41E-05	-5.36E-03	0.00E+00	0.00E+00	-2.96E-09	-2.27E-07	-6.54E-03	-3.79E+00	0.00E+00	0.00E+00	-2.97E+00	0.00E+00	-1.06E+00	0.00E+00	4.11E-10	-3.07E-08	-2.13E-03	0.00E+00	-7.66E-01	0.00E+00	-1.06E+00	-5.41E-05	-1.06E+00	-1.79E+00	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
ND263P	-1.72E-02	-5.67E-02	-8.98E-04	-1.39E-01	0.00E+00	0.00E+00	-4.23E+00	-1.76E-03	8.47E-05	-1.04E-02	0.00E+00	0.00E+00	-3.64E-09	-2.63E-07	-6.23E-03	-3.79E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	-1.24E+00	0.00E+00	1.21E-09	-3.90E-08	-3.02E-03	0.00E+00	-7.94E-01	0.00E+00	-1.24E+00	-7.13E-05	-1.24E+00	-1.64E+00	-7.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
ND306P	-1.02E-02	-1.80E-01	5.70E-04	-1.58E-01	0.00E+00	0.00E+00	-2.87E+00	-1.31E-03	-6.39E-05	-8.13E-03	0.00E+00	0.00E+00	-3.74E-09	-1.19E-07	-2.14E-02	-3.73E+00	0.00E+00	0.00E+00	-3.71E+00	0.00E+00	-1.11E+00	0.00E+00	1.80E-09	-3.50E-08	-2.57E-03	0.00E+00	-6.92E-01	0.00E+00	-1.11E+00	-3.11E-05	-1.11E+00	-1.49E+00	-6.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
ND310P	-1.09E-02	-1.84E-01	9.00E-05	-2.06E-01	0.00E+00	0.00E+00	-3.36E+00	-1.37E-03	-1.17E-04	-9.48E-03	0.00E+00	0.00E+00	-3.94E-09	-1.36E-07	-2.20E-02	-3.63E+00	0.00E+00	0.00E+00	-4.08E+00	0.00E+00	-1.66E+00	0.00E+00	8.06E-10	-3.62E-08	-2.68E-03	0.00E+00	-7.14E-01	0.00E+00	-1.66E+00	-3.15E-05	-1.66E+00	-2.34E+00	-7.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
ND316P	-1.43E-02	-1.98E-01	2.69E-04	-2.18E-01	0.00E+00	0.00E+00	-3.72E+00	-1.63E-03	-1.69E-04	-1.05E-02	0.00E+00	0.00E+00	-4.15E-09	-1.44E-07	-2.16E-02	-3.56E+00	0.00E+00	0.00E+00	-4.25E+00	0.00E+00	-1.84E+00	0.00E+00	1.27E-09	-4.05E-08	-3.03E-03	0.00E+00	-7.06E-01	0.00E+00	-1.84E+00	-4.64E-05	-1.84E+00	-2.62E+00	-7.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+02
ND320P	-1.10E-02	-2.10E-01	-3.01E-04	-2.27E-01	0.00E+00	0.00E+00	-3.44E+00	-1.24E-03	-2.47E-04	-1.05E-02	0.00E+00	0.00E+00	-4.16E-09	-1.44E-07	-1.49E-02	-3.65E+00	0.00E+00	0.00E+00	-4.10E+00	0.00E+00	-1.60E+00	0.00E+00	2.19E-10	-3.85E-08	-2.93E-03	0.00E+00	-7.09E-01	0.00E+00	-1.60E+00	-3.84E-05	-1.60E+00	-2.14E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
ND325P	-1.64E-02	-1.99E-01	-2.47E-03	-2.12E-01	0.00E+00	0.00E+00	-3.74E+00	-1.72E-03	-4.85E-04	-1.05E-02	0.00E+00	0.00E+00	-4.35E-09	-2.67E-07	-1.43E-02	-3.60E+00	0.00E+00	0.00E+00	-4.34E+00	0.00E+00	-1.45E+00	0.00E+00	5.90E-10	-4.89E-08	-4.12E-03	0.00E+00	-7.48E-01	0.00E+00	-1.45E+00	-5.74E-05	-1.45E+00	-1.87E+00	-7.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
ND332P	-1.45E-02	-1.88E-01	-2.50E-03	-1.76E-01	0.00E+00	0.00E+00	-3.21E+00	-1.51E-03	-3.84E-04	-9.98E-03	0.00E+00	0.00E+00	-4.71E-09	-3.20E-07	-1.10E-02	-3.52E+00	0.00E+00	0.00E+00	-3.80E+00	0.00E+00	-1.39E+00	0.00E+00	2.38E-09	-4.79E-08	-4.10E-03	0.00E+00	-6.98E-01	0.00E+00	-1.39E+00	-6.53E-05	-1.39E+00	-1.75E+00	-6.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
ND340P	-1.65E-02	-1.99E-01	-2.08E-03	-2.08E-01	0.00E+00	0.00E+00	-3.68E+00	-1.55E-03	-5.74E-04	-1.13E-02	0.00E+00	0.00E+00	-4.40E-09	-2.71E-07	-1.31E-02	-3.65E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-1.42E+00	0.00E+00	8.87E-10	-4.67E-08	-3.90E-03	0.00E+00	-7.23E-01	0.00E+00	-1.42E+00	-6.03E-05	-1.42E+00	-1.94E+00	-7.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
ND350P	-1.98E-02	-1.84E-01	-2.69E-03	-2.00E-01	0.00E+00	0.00E+00	-5.10E+00	-2.62E-03	-7.65E-04	-1.47E-02	0.00E+00	0.00E+00	-5.27E-09	-3.26E-07	-1.12E-02	-3.63E+00	0.00E+00	0.00E+00	-4.83E+00	0.00E+00	-1.38E+00	0.00E+00	2.53E-09	-4.75E-08	-4.08E-03	0.00E+00	-7.27E-01	0.00E+00	-1.38E+00	-7.72E-05	-1.38E+00	-1.84E+00	-7.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
ND363P	-2.14E-02	-1.93E-01	-2.46E-03	-2.04E-01	0.00E+00	0.00E+00	-6.30E+00	-2.62E-03	-8.34E-04	-1.51E-02	0.00E+00	0.00E+00	-5.47E-09	-3.75E-07	-1.17E-02	-3.72E+00	0.00E+00	0.00E+00	-5.38E+00	0.00E+00	-2.15E+00	0.00E+00	2.31E-09	-5.24E-08	-4.34E-03	0.00E+00	-7.80E-01	0.00E+00	-2.15E+00	-7.88E-05	-2.15E+00	-2.81E+00	-7.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
ND410P	-6.85E-03	-4.17E-02	1.11E-03	-3.16E-02	0.00E+00	0.00E+00	-2.41E+00	-7.75E-04	2.16E-04	-4.75E-03	0.00E+00	0.00E+00	-9.97E-10	-8.08E-08	-9.19E-03	-9.76E-01	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-5.40E-01	0.00E+00	2.11E-09	-1.63E-08	-1.24E-03	0.00E+00	-3.44E-01	0.00E+00	-5.40E-01	-2.52E-05	-5.40E-01	-1.32E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-9.57E+01
ND416P	-2.38E-02	-2.27E-01	-4.28E-03	-2.11E-01	0.00E+00	0.00E+00	-6.63E+00	-2.34E-03	-1.57E-04	-1.38E-02	0.00E+00	0.00E+00	-4.52E-09	-2.85E-07	-1.39E-02	-4.08E+00	0.00E+00	0.00E+00	-6.81E+00	0.00E+00	-3.29E+00	0.00E+00	-8.11E-09	-6.36E-08	-4.80E-03	0.00E+00	-9.60E-01	0.00E+00	-3.29E+00	-5.75E-05	-3.29E+00	-4.26E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
ND420P	-1.50E-02	-3.44E-02	-1.10E-03	-1.84E-02	0.00E+00	0.00E+00	-3.09E+00	-1.05E-03	-6.61E-05	-8.52E-03	0.00E+00	0.00E+00	-1.20E-09	-2.01E-07	-9.79E-03	-1.20E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-5.25E-01	0.00E+00	1.74E-09	-3.01E-08	-1.98E-03	0.00E+00	-4.01E-01	0.00E+00	-5.25E-01	-3.86E-05	-5.25E-01	-1.29E+00	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02

ND425P	-2.59E-02	-2.11E-01	-4.41E-03	-1.94E-01	0.00E+00	0.00E+00	-6.23E+00	-2.70E-03	1.17E-03	-1.47E-02	0.00E+00	0.00E+00	-6.20E-09	-3.01E-07	-1.21E-02	-4.44E+00	0.00E+00	0.00E+00	-6.92E+00	0.00E+00	-2.94E+00	0.00E+00	-6.96E-09	-5.88E-08	-4.25E-03	0.00E+00	-9.54E-01	0.00E+00	-2.94E+00	-6.47E-05	-2.94E+00	-4.32E+00	-9.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
ND432P	-1.96E-02	-4.19E-02	-1.42E-03	-4.78E-02	0.00E+00	0.00E+00	-5.19E+00	-2.37E-03	-1.46E-04	-1.46E-02	0.00E+00	0.00E+00	-3.52E-09	-2.90E-07	-8.61E-03	-1.26E+00	0.00E+00	0.00E+00	-4.08E+00	0.00E+00	-6.66E-01	0.00E+00	1.58E-09	-3.65E-08	-3.05E-03	0.00E+00	-5.33E-01	0.00E+00	-6.66E-01	-7.09E-05	-6.66E-01	-1.42E+00	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
ND440P	-4.19E-02	-2.32E-01	-5.00E-03	-2.25E-01	0.00E+00	0.00E+00	-8.06E+00	-4.18E-03	-2.04E-03	-2.53E-02	0.00E+00	0.00E+00	-7.54E-09	-3.73E-07	-1.26E-02	-5.59E+00	0.00E+00	0.00E+00	-8.04E+00	0.00E+00	-3.11E+00	0.00E+00	-7.72E-09	-1.01E-07	-7.65E-03	0.00E+00	-1.23E+00	0.00E+00	-3.11E+00	-1.00E-04	-3.11E+00	-4.46E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
ND450P	-4.20E-02	-2.39E-01	-4.62E-03	-2.33E-01	0.00E+00	0.00E+00	-9.43E+00	-4.23E-03	-2.18E-03	-2.54E-02	0.00E+00	0.00E+00	-7.89E-09	-4.45E-07	-1.32E-02	-5.61E+00	0.00E+00	0.00E+00	-8.67E+00	0.00E+00	-4.19E+00	0.00E+00	-7.32E-09	-1.05E-07	-8.01E-03	0.00E+00	-1.22E+00	0.00E+00	-4.19E+00	-1.05E-04	-4.19E+00	-5.39E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.57E+02
ND463P	-1.88E-02	-5.09E-02	-1.50E-03	-8.48E-02	0.00E+00	0.00E+00	-5.92E+00	-2.31E-03	-1.32E-04	-1.56E-02	0.00E+00	0.00E+00	-3.58E-09	-3.11E-07	-8.12E-03	-1.30E+00	0.00E+00	0.00E+00	-4.43E+00	0.00E+00	-1.23E+00	0.00E+00	1.15E-09	-4.00E-08	-3.34E-03	0.00E+00	-5.64E-01	0.00E+00	-1.23E+00	-6.30E-05	-1.23E+00	-2.34E+00	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
NDN002	-5.00E-03	-5.02E-02	2.18E-04	-5.00E-03	0.00E+00	0.00E+00	-1.05E+00	-4.22E-04	3.98E-05	-2.30E-03	0.00E+00	0.00E+00	-8.83E-10	-5.25E-08	-6.80E-04	-8.43E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.76E-01	0.00E+00	1.59E-09	-1.01E-08	-5.67E-04	0.00E+00	-1.05E-01	0.00E+00	-2.76E-01	-1.44E-05	-2.76E-01	-6.78E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
NDN003	-4.71E-03	-5.64E-02	1.75E-04	-1.82E-02	0.00E+00	0.00E+00	-9.64E-01	-3.87E-04	5.46E-05	-2.24E-03	0.00E+00	0.00E+00	-8.93E-10	-4.66E-08	-8.67E-04	-8.25E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.98E-01	0.00E+00	1.28E-09	-1.01E-08	-5.79E-04	0.00E+00	-1.12E-01	0.00E+00	-2.98E-01	-1.27E-05	-2.98E-01	-7.15E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
NDN004	-5.11E-03	-4.99E-02	2.64E-04	-5.50E-03	0.00E+00	0.00E+00	-1.10E+00	-4.49E-04	3.98E-05	-2.45E-03	0.00E+00	0.00E+00	-9.16E-10	-5.69E-08	-7.45E-04	-8.74E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.66E-01	0.00E+00	1.59E-09	-1.02E-08	-5.75E-04	0.00E+00	-1.12E-01	0.00E+00	-2.66E-01	-1.46E-05	-2.66E-01	-6.61E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.36E+01
NDN006	-2.85E-03	6.32E-03	6.25E-04	2.79E-02	0.00E+00	0.00E+00	-4.84E-01	-2.50E-04	8.02E-05	-1.15E-03	0.00E+00	0.00E+00	-6.92E-10	-3.26E-08	2.88E-04	-4.31E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-1.56E-01	0.00E+00	2.25E-09	-6.33E-09	-3.50E-04	0.00E+00	-5.42E-02	0.00E+00	-1.56E-01	-5.88E-06	-1.56E-01	-2.85E-01	-5.42E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
NDN010	-2.83E-03	9.41E-03	6.51E-04	2.88E-02	0.00E+00	0.00E+00	-4.42E-01	-2.29E-04	8.02E-05	-1.16E-03	0.00E+00	0.00E+00	-7.07E-10	-2.84E-08	1.33E-04	-4.46E-01	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-1.07E-01	0.00E+00	2.39E-09	-6.15E-09	-3.47E-04	0.00E+00	-5.26E-02	0.00E+00	-1.07E-01	-5.61E-06	-1.07E-01	-2.58E-01	-5.26E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
NDN013	-3.16E-03	1.06E-02	6.66E-04	2.69E-02	0.00E+00	0.00E+00	-4.66E-01	-3.18E-04	8.02E-05	-1.32E-03	0.00E+00	0.00E+00	-8.02E-10	-3.71E-08	2.94E-04	-4.84E-01	0.00E+00	0.00E+00	-6.35E-01	0.00E+00	-1.03E-01	0.00E+00	2.44E-09	-6.97E-09	-4.32E-04	0.00E+00	-5.86E-02	0.00E+00	-1.03E-01	-1.01E-05	-1.03E-01	-2.53E-01	-5.86E-02	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
NDN016	4.64E-04	4.08E-02	3.07E-03	3.77E-02	0.00E+00	0.00E+00	8.44E-01	-8.36E-06	3.24E-04	4.17E-04	0.00E+00	0.00E+00	5.97E-11	3.37E-09	-2.11E-03	-3.06E-01	0.00E+00	0.00E+00	4.03E-01	0.00E+00	8.06E-01	0.00E+00	6.87E-09	2.20E-09	1.33E-04	0.00E+00	-1.55E-02	0.00E+00	8.06E-01	-2.88E-07	8.06E-01	7.90E-01	-1.55E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
NDN020	-7.93E-03	4.64E-02	7.51E-04	4.56E-02	0.00E+00	0.00E+00	-1.41E+00	-8.24E-04	-2.77E-04	-3.72E-03	0.00E+00	0.00E+00	-1.04E-09	-9.48E-08	2.47E-03	-8.04E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	8.01E-02	0.00E+00	3.17E-09	-1.33E-08	-1.13E-03	0.00E+00	-1.20E-01	0.00E+00	8.01E-02	-2.37E-05	8.01E-02	-3.95E-02	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
NDN025	7.30E-04	4.07E-02	3.28E-03	3.74E-02	0.00E+00	0.00E+00	7.65E-01	-1.43E-05	5.56E-04	3.81E-04	0.00E+00	0.00E+00	-9.88E-11	5.13E-09	4.30E-03	-2.38E-01	0.00E+00	0.00E+00	4.11E-01	0.00E+00	7.35E-01	0.00E+00	6.42E-09	1.63E-09	9.90E-05	0.00E+00	2.59E-02	0.00E+00	7.35E-01	-6.50E-07	7.35E-01	7.61E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
NDN032	-1.14E-02	-1.49E-01	-2.54E-03	-1.46E-01	0.00E+00	0.00E+00	-2.77E+00	-1.12E-03	-5.35E-04	-6.87E-03	0.00E+00	0.00E+00	-1.99E-09	-1.31E-07	-8.93E-03	-1.51E+00	0.00E+00	0.00E+00	-2.53E+00	0.00E+00	-1.52E+00	0.00E+00	-6.42E-09	-2.66E-08	-2.10E-03	0.00E+00	-3.55E-01	0.00E+00	-1.52E+00	-3.30E-05	-1.52E+00	-1.88E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NDN040	1.51E-03	6.29E-02	5.02E-03	5.78E-02	0.00E+00	0.00E+00	1.11E+00	2.10E-06	1.01E-03	7.13E-04	0.00E+00	0.00E+00	2.01E-10	1.17E-08	-1.17E-03	-1.52E-01	0.00E+00	0.00E+00	8.08E-01	0.00E+00	1.09E+00	0.00E+00	8.93E-09	4.34E-09	2.63E-04	0.00E+00	4.48E-02	0.00E+00	1.09E+00	1.81E-07	1.09E+00	1.14E+00	4.48E-02	0.00E+00	0.00E+00	0.00E+00	3.02E+01
NDN050	-9.04E-03	5.43E-03	4.76E-05	2.55E-02	0.00E+00	0.00E+00	-1.38E+00	-6.54E-04	6.91E-05	-5.02E-03	0.00E+00	0.00E+00	-1.18E-09	-1.05E-07	-5.50E-04	-7.90E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.69E-01	0.00E+00	2.95E-09	-1.51E-08	-9.45E-04	0.00E+00	-9.76E-02	0.00E+00	-1.69E-01	-2.91E-05	-1.69E-01	-4.08E-01	-9.76E-02	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
NDN063	1.27E-03	8.55E-02	3.86E-03	8.16E-02	0.00E+00	0.00E+00	5.48E-01	-2.91E-05	1.05E-03	6.38E-04	0.00E+00	0.00E+00	-4.14E-10	8.36E-09	3.79E-03	6.31E-02	0.00E+00	0.00E+00	3.31E-01	0.00E+00	4.36E-01	0.00E+00	6.14E-09	-1.28E-10	7.74E-05	0.00E+00	6.40E-02	0.00E+00	4.36E-01	-1.32E-06	4.36E-01	5.00E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
NDN100	-4.56E-03	-5.30E-02	2.42E-04	-8.88E-03	0.00E+00	0.00E+00	-9.66E-01	-4.09E-04	5.13E-05	-1.92E-03	0.00E+00	0.00E+00	-9.19E-10	-5.29E-08	-1.29E-03	-7.76E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-2.88E-01	0.00E+00	1.24E-09	-9.66E-09	-6.08E-04	0.00E+00	-1.14E-01	0.00E+00	-2.88E-01	-1.32E-05	-2.88E-01	-6.92E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
NDN100A	-4.97E-03	-5.38E-02	1.47E-04	-8.97E-03	0.00E+00	0.00E+00	-1.03E+00	-4.59E-04	4.23E-05	-2.31E-03	0.00E+00	0.00E+00	-9.75E-10	-6.11E-08	-1.27E-03	-8.36E-01	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-2.75E-01	0.00E+00	1.22E-09	-1.06E-08	-6.54E-04	0.00E+00	-1.13E-01	0.00E+00	-2.75E-01	-1.38E-05	-2.75E-01	-7.00E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
NDN100N	-5.10E-03	1.66E-02	5.30E-04	-2.53E-02	0.00E+00	0.00E+00	-7.92E-01	-4.80E-04	1.47E-04	-2.36E-03	0.00E+00	0.00E+00	-1.00E-09	-5.34E-08	-4.13E-03	-8.94E-01	0.00E+00	0.00E+00	-9.02E-01	0.00E+00	1.33E-01	0.00E+00	7.20E-10	-1.14E-08	-6.92E-04	0.00E+00	-1.30E-01	0.00E+00	1.33E-01	-1.52E-05	1.33E-01	-3.15E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.12E+01
NDN101	-4.30E-03	-5.74E-02	2.00E-04	-2.04E-02	0.00E+00	0.00E+00	-9.67E-01	-3.81E-04	6.00E-05	-1.91E-03	0.00E+00	0.00E+00	-9.41E-10	-4.20E-08	-1.22E-03	-7.96E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-3.13E-01	0.00E+00	8.76E-10	-1.05E-08	-6.18E-04	0.00E+00	-1.14E-01	0.00E+00	-3.13E-01	-1.27E-05	-3.13E-01	-7.24E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
NDN101A	-4.36E-03	-5.80E-02	1.72E-04	-2.04E-02	0.00E+00	0.00E+00	-9.74E-01	-3.64E-04	5.72E-05	-1.91E-03	0.00E+00	0.00E+00	-9.73E-10	-4.45E-08	-1.33E-03	-7.98E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-3.00E-01	0.00E+00	8.76E-10	-1.07E-08	-6.43E-04	0.00E+00	-1.15E-01	0.00E+00	-3.00E-01	-1.30E-05	-3.00E-01	-7.31E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
NDN101N	-4.70E-03	8.31E-03	5.47E-04	-2.77E-02	0.00E+00	0.00E+00	-7.07E-01	-3.86E-04	9.69E-05	-2.22E-03	0.00E+00	0.00E+00	-9.89E-10	-5.21E-08	-3.33E-03	-8.50E-01	0.00E+00	0.00E+00	-8.25E-01	0.00E+00	-5.70E-02	0.00E+00	2.45E-10	-1.03E-08	-6.27E-04	0.00E+00	-1.27E-01	0.00E+00	-5.70E-02	-1.47E-05	-5.70E-02	-3.15E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
NDN102	-5.01E-03	-5.02E-02	2.18E-04	-5.00E-03	0.00E+00	0.00E+00	-1.05E+00	-4.36E-04	3.98E-05	-2.30E-03	0.00E+00	0.00E+00	-8.83E-10	-5.48E-08	-7.50E-04	-8.43E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.83E-01	0.00E+00	1.59E-09	-1.00E-08	-5.67E-04	0.00E+00	-1.05E-01	0.00E+00	-2.83E-01	-1.44E-05	-2.83E-01	-6.85E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
NDN102A	-5.11E-03	-5.06E-02	1.23E-04	-5.54E-03	0.00E+00	0.00E+00	-1.09E+00	-4.67E-04	3.98E-05	-2.36E-03	0.00E+00	0.00E+00	-9.29E-10	-6.18E-08	-8.15E-04	-8.50E-01	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.70E-01	0.00E+00	1.58E-09	-1.04E-08	-6.30E-04	0.00E+00	-1.08E-01	0.00E+00	-2.70E-01	-1.50E-05	-2.70E-01	-7.00E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
NDN102N	-4.62E-03	1.06E-02	5.41E-04	-2.69E-02	0.00E+00	0.00E+00	-6.67E-01	-3.38E-04	9.69E-05	-2.05E-03	0.00E+00	0.00E+00	-9.11E-10	-4.68E-08	-2.87E-03	-7.89E-01	0.00E+00	0.00E+00	-7.51E-01	0.00E+00	-4.93E-02	0.00E+00	5.83E-10	-9.28E-09	-6.00E-04	0.00E+00	-1.19E-01	0.00E+00	-4.93E-02	-1.44E-05	-4.93E-02	-3.15E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
NDN103	-5.00E-03	-5.64E-02	1.75E-04	-1.72E-02	0.00E+00	0.00E+00	-1.03E+00	-4.10E-04	4.57E-05	-2.34E-03	0.00E+00	0.00E+00	-9.01E-10	-4.79E-08	-7.69E-04	-8.47E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.91E-01	0.00E+00	1.29E-09	-1.03E-08	-5.99E-04	0.00E+00	-1.11E-01	0.00E+00	-2.91E-01	-1.44E-05	-2.91E-01	-7.01E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
NDN103A	-4.99E-03	-5.70E-02	1.48E-04	-1.72E-02	0.00E+00	0.00E+00	-1.05E+00	-3.95E-04	4.57E-05	-2.39E-03	0.00E+00	0.00E+00	-9.52E-10	-5.00E-08	-9.48E-04	-8.45E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.84E-01	0.00E+00	1.29E-09	-1.05E-08	-6.26E-04	0.00E+00	-1.13E-01	0.00E+00	-2.84E-01	-1.44E-05	-2.84E-01	-7.16E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
NDN103N	-4.62E-03	1.11E-02	5.15E-04	-2.67E-02	0.00E+00	0.00E+00	-6.63E-01	-3.42E-04	9.69E-05	-2.01E-03	0.00E+00	0.00E+00	-9.16E-10	-4.84E-08	-2.80E-03	-7.90E-01	0.00E+00	0.00E+00	-7.48E-01	0.00E+00	-4.93E-02	0.00E+00	6.01E-10	-9.28E-09	-5.97E-04	0.00E+00	-1.19E-01	0.00E+00	-4.93E-02	-1.45E-05	-4.93E-02	-2.98E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
NDN104	-4.56E-03	-4.97E-02	2.64E-04	-6.94E-03	0.00E+00	0.00E+00	-1.02E+00	-4.14E-04	5.49E-05	-2.01E-03	0.00E+00	0.00E+00	-8.90E-10	-5.60E-08	-7.24E-04	-8.48E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-2.66E-01	0.00E+00	1.57E-09	-9.79E-09	-5.49E-04	0.00E+00	-1.13E-01	0.00E+00	-2.66E-01	-1.31E-05	-2.66E-01	-6.68E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
NDN104A	-4.71E-03	-4.93E-02	1.69E-04	-6.09E-03	0.00E+00	0.00E+00	-1.05E+00	-4.54E-04	5.49E-05	-2.17E-03	0.00E+00	0.00E+00	-9.47E-10	-6.33E-08	-7.59E-04	-8.69E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.53E-01	0.00E+00	1.57E-09	-9.97E-09	-6.14E-04	0.00E+00	-1.18E-01	0.00E+00	-2.53E-01	-1.38E-05	-2.53E-01	-6.76E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
NDN104N	-4.60E-03	1.11E-02	5.47E-04	-2.54E-02	0.00E+00	0.00E+00	-7.07E-01	-3.62E-04	9.99E-05	-2.03E-03	0.00E+00	0.00E+00	-9.32E-10	-5.40E-08	-2.82E-03	-8.12E-01	0.00E+00	0.00E+00	-7.48E-01	0.00E+00	-4.27E-02	0.00E+00	5.86E-10	-9.32E-09	-5.99E-04	0.00E+00	-1.18E-01	0.00E+00	-4.27E-02	-1.46E-05	-4.27E-02	-3.17E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.82E+01
NDN106	-2.94E-03	6.32E-03	6.02E-04	2.79E-02	0.00E+00	0.00E+00	-4.89E-01	-2.72E-04	8.02E-05	-1.19E-03	0.00E+00	0.00E+00	-7.11E-10	-4.11E-08	2.21E-04	-4.32E-01	0.00E+00	0.00E+00	-5.80E-01	0.00E+00	-1.56E-01	0.00E+00	2.23E-09	-6.32E-09	-3.55E-04	0.00E+00	-5.48E-02	0.00E+00	-1.56E-01	-6.14E-06	-1.56E-01	-2.85E-01	-5.48E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
NDN106A	-2.97E-03	4.95E-03	6.02E-04	2.75E-02	0.00E+00	0.00E+00	-5.41E-01	-2.67E-04	8.02E-05	-1.30E-03	0.00E+00	0.00E+00	-7.96E-10	-4.06E-08	1.81E-04	-4.39E-01	0.00E+00	0.00E+00	-6.71E-01	0.00E+00	-1.43E-01	0.00E+00	2.21E-09	-6.58E-09	-4.35E-04	0.00E+00	-5.71E-02	0.00E+00	-1.43E-01	-6.40E-06	-1.43E-01	-2.93E-01	-5.71E-02	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
NDN106N	-2.96E-03	7.70E-03	7.47E-04	-3.06E-02	0.00E+00	0.00E+00	-5.63E-01	-2.07E-04	1.11E-04	-1.35E-03	0.00E+00	0.00E+00	-5.64E-10	-2.03E-08	-2.79E-03	-4.67E-01	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	-6.76E-02	0.00E+00	4.50E-10	-6.61E-09	-5.03E-04	0.00E+00	-7.46E-02	0.00E+00	-6.76E-02	-6.54E-06	-6.76E-02	-2.80E-01	-7.46E-02	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
NDN106P	-3.62E-03	-1.82E-02	1.49E-03	-4.61E-02	0.00E+00	0.00E+00	-3.18E-01	-3.67E-04	1.86E-05	-2.13E-03	0.00E+00	0.00E+00	-8.80E-10	-4.06E-08	6.17E-04	-1.65E+00	0.00E+00	0.00E+00	-6.13E-01	0.00E+00	2.85E-02	0.00E+00	3.41E-09	-6.87E-09	-5.46E-04	0.00E+00	-2.16E-01	0.00E+00	2.85E-02	-1.07E-05	2.85E-02	-3.27E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
NDN110	-2.62E-03	8.28E-03	6.35E-04	2.35E-02	0.00E+00	0.00E+00	-4.33E-01	-2.27E-04	3.47E-05	-1.12E-03	0.00E+00	0.00E+00	-7.14E-10	-2.66E-08	1.38E-04	-4.63E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-1.13E-01	0.00E+00	2.36E-09	-6.03E-09	-3.75E-04	0.00E+00	-5.39E-02	0.00E+00	-1.13E-01	-5.06E-06	-1.13E-01	-2.41E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
NDN110A	-3.05E-03	7.88E-03	6.30E-04	2.54E-02	0.00E+00	0.00E+00	-4.58E-01	-2.47E-04	5.30E-05	-1.23E-03	0.00E+00	0.00E+00	-7.21E-10	-3.75E-08	6.12E-05	-4.68E-01	0.00E+00	0.00E+00	-6.27E-01	0.00E+00	-1.00E-01	0.00E+00	2.38E-09	-6.37E-09	-4.37E-04	0.00E+00	-5.81E-02	0.00E+00	-1.00E-01	-6.30E-06	-1.00E-01	-2.66E-01	-5.81E-02	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
NDN110N	-4.32E-03	-4.45E-03	1.20E-03	-5.29E-02	0.00E+00	0.00E+00	-7.96E-01	-5.19E-04	7.02E-05	-2.44E-03	0.00E+00	0.00E+00	-1.16E-09	-4.47E-08	-4.72E-03	-1.13E+00	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-9.32E-03	0.00E+00	1.45E-09	-1.02E-08	-1.33E-03	0.00E+00	-1.69E-01	0.00E+00	-9.32E-03	-1.57E-05	-9.32E-03	-7.24E-02	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+01
NDN110P	-2.68E-03	-1.76E-02	4.25E-04	-2.63E-02	0.00E+00	0.00E+00	-4.39E-01	-2.27E-04	4.72E-05	-1.54E-03	0.00E+00	0.00E+00	-7.68E-10	-2.45E-08	-4.17E-04	-5.81E-01	0.00E+00	0.00E+00	-5.28E-01	0.00E+00	-1.74E-01	0.00E+00	1.90E-09	-5.33E-09	-3.47E-04	0.00E+00	-1.11E-01	0.00E+00	-1.74E-01	-5.59E-06	-1.74E-01	-3.73E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
NDN113	-2.83E-03	9.99E-03	6.21E-04	2.61E-02	0.00E+00	0.00E+00	-4.43E-01	-2.59E-04	8.02E-05	-1.20E-03	0.00E+00	0.00E+00	-7.21E-10	-3.19E-08	2.86E-04	-4.56E-01	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-1.03E-01	0.00E+00	2.42E-09	-6.70E-09	-3.76E-04	0.00E+00	-5.22E-02	0.00E+00	-1.03E-01	-5.65E-06	-1.03E-01	-2.53E-01	-5.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
NDN116	-2.83E-03	1.01E-02	6.79E-04	2.53E-02	0.00E+00	0.00E+00	-4.82E-01	-2.70E-04	5.60E-05	-1.21E-03	0.00E+00	0.00E+00	-7.42E-10	-3.23E-08	2.55E-04	-4.83E-01	0.00E+00	0.00E+00	-6.24E-01	0.00E+00	-9.30E-02	0.00E+00	2.43E-09	-6.65E-09	-3.85E-04	0.00E+00	-5.27E-02	0.00E+00	-9.30E-02	-5.51E-06	-9.30E-02	-2.37E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
NDN116A	-3.00E-03	9.99E-03	6.98E-04	2.68E-02	0.00E+00	0.00E+00	-5.01E-01	-2.88E-04	8.32E-05	-1.29E-03	0.00E+00	0.00E+00	-7.94E-10	-4.12E-08	1.93E-04	-4.74E-01	0.00E+00	0.00E+00	-6.70E-01	0.00E+00	-7.38E-02	0.00E+00	2.43E-09	-6.83E-09	-4.43E-04	0.00E+00	-5.57E-02	0.00E+00	-7.38E-02	-6.37E-06	-7.38E-02	-2.45E-01	-5.57E-02	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
NDN116N	-2.02E-03	-2.15E-03	1.14E-03	-3.40E-02	0.00E+00	0.00E+00	-6.21E-01	-3.26E-04	6.57E-05	-1.06E-03	0.00E+00	0.00E+00	-5.27E-10	-2.13E-08	-2.81E-03	-7.13E-01	0.00E+00	0.00E+00	-7.04E-01	0.00E+00	-7.41E-03	0.00E+00	1.26E-09	-5.74E-09	-6.70E-04	0.00E+00	-8.56E-02	0.00E+00	-7.41E-03	-6.23E-06	-7.41E-03	-8.90E-02	-8.56E-02	0.00E+00	0.00E+00	0.00E+00	-3.00E+01
NDN116P	-2.70E-03	-1.41E-02	4.14E-04	-2.63E-02	0.00E+00	0.00E+00	-4.61E-01	-2.49E-04	4.72E-05	-1.62E-03	0.00E+00	0.00E+00	-7.42E-10	-2.28E-08	-2.25E-04	-5.74E-01	0.00E+00	0.00E+00	-5.32E-01	0.00E+00	-1.53E-01	0.00E+00	1.88E-09	-5.40E-09	-3.47E-04	0.00E+00	-1.07E-01	0.00E+00	-1.53E-01	-5.53E-06	-1.53E-01	-3.66E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
NDN120	-4.89E-03	1.05E-02	6.68E-04	2.66E-02	0.00E+00	0.00E+00	-7.91E-01	-4.94E-04	5.74E-05	-2.16E-03	0.00E+00	0.00E+00	-8.40E-10	-8.11E-08	1.99E-04	-6.88E-01	0.00E+00	0.00E+00	-8.40E-01	0.00E+00	-1.03E-01	0.00E+00	2.44E-09	-8.73E-09	-5.88E-04	0.00E+00	-7.33E-02	0.00E+00	-1.03E-01	-1.59E-05	-1.03E-01	-2.34E-01	-7.33E-02	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
NDN120A	-7.94E-03	7.26E-02	1.25E-03	7.13E-02	0.00E+00	0.00E+00	-1.27E+00	-8.28E-04	-2.66E-04	-3.52E-03	0.00E+00	0.00E+00	-8.83E-10	-9.53E-08	-3.40E-03	-7.88E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	2.88E-01	0.00E+00	4.95E-09	-1.21E-08	-1.04E-03	0.00E+00	-1.40E-01	0.00E+00	2.88E-01	-2.37E-05	2.88E-01	1.48E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.16E+01
NDN120N	-3.01E-03	-1.92E-04	1.07E-03	-3.25E-02	0.00E+00	0.00E+00	-8.03E-01	-3.74E-04	4.85E-05	-1.59E-03	0.00E+00	0.00E+00	-7.13E-10	-3.70E-08	-3.03E-03	-7.49E-01	0.00E+00	0.00E+00	-7.93E-01	0.00E+00	-3.34E-02	0.00E+00	1.31E-09	-6.91E-09	-6.98E-04	0.00E+00	-9.13E-02	0.00E+00	-3.34E-02	-8.95E-06	-3.34E-02	-1.51E-01	-9.13E-02	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
NDN120P	-3.22E-03	-1.51E-02	4.67E-04	-2.65E-02	0.00E+00	0.00E+00	-5.42E-01	-3.36E-04	4.43E-05	-1.79E-03	0.00E+00	0.00E+00	-9.30E-10	-3.70E-08	-2.83E-04	-8.73E-01	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	-1.62E-01	0.00E+00	1.90E-09	-6.88E-09	-4.60E-04	0.00E+00	-1.45E-01	0.00E+00	-1.62E-01	-1.03E-05	-1.62E-01	-3.97E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
NDN125	-4.86E-03	1.08E-02	6.88E-04	3.01E-02	0.00E+00	0.00E+00	-8.05E-01	-4.86E-04	6.64E-05	-2.33E-03	0.00E+00	0.00E+00	-8.63E-10	-7.58E-08	4.43E-04	-6.66E-01	0.00E+00	0.00E+00	-8.39E-01	0.00E+00	-8.70E-02	0.00E+00	2.50E-09	-8.48E-09	-6.07E-04	0.00E+00	-6.47E-02	0.00E+00	-8.70E-02	-1.53E-05	-8.70E-02	-2.28E-01	-6.47E-02	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
NDN125A	-5.21E-03	1.04E-02	5.88E-04	2.83E-02	0.00E+00	0.00E+00	-8.50E-01	-5.62E-04	2.09E-05	-2.46E-03	0.00E+00	0.00E+00	-9.37E-10	-7.93E-08	4.02E-04	-7.00E-01	0.00E+00	0.00E+00	-8.94E-01	0.00E+00	-8.22E-02	0.00E+00	2.48E-09	-9.27E-09	-6.81E-04	0.00E+00	-7.07E-02	0.00E+00	-8.22E-02	-1.55E-05	-8.22E-02	-2.42E-01	-7.07E-02	0.00E+00	0.00E+00	0.00E+00	-4.05E+01
NDN125N	-4.00E-03	-1.57E-02	9.40E-04	-7.30E-03	0.00E+00	0.00E+00	-1.02E+00	-4.81E-04	1.23E-03	-1.95E-03	0.00E+00	0.00E+00	-8.74E-10	-6.04E-08	-3.31E-03	-9.24E-01	0.00E+00	0.00E+00	-9.14E-01	0.00E+00	2.12E-01	0.00E+00	1.06E-09	-8.23E-09	-8.64E-04	0.00E+00	-1.10E-01	0.00E+00	2.12E-01	-1.45E-05	2.12E-01	3.47E-02	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-4.27E+01
NDN125P	-3.23E-03	-1.49E-02	4.76E-04	-2.57E-02	0.00E+00	0.00E+00	-5.50E-01	-3.37E-04	4.16E-05	-1.80E-03	0.00E+00	0.00E+00	-9.42E-10	-3.81E-08	-2.08E-04	-8.65E-01	0.00E+00	0.00E+00	-6.52E-01	0.00E+00	-1.62E-01	0.00E+00	1.98E-09	-6.88E-09	-4.67E-04	0.00E+00	-1.44E-01	0.00E+00	-1.62E-01	-1.08E-05	-1.62E-01	-3.97E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
NDN132	-4.27E-03	9.78E-03	1.11E-03	3.37E-02	0.00E+00	0.00E+00	-8.71E-01	-5.21E-04	2.75E-05	-2.42E-03	0.00E+00	0.00E+00	-8.24E-10	-6.35E-08	5.94E-04	-7.90E-01	0.00E+00	0.00E+00	-8.35E-01	0.00E+00	-6.15E-02	0.00E+00	2.91E-09	-8.51E-09	-6.43E-04	0.00E+00	-8.52E-02	0.00E+00	-6.15E-02	-1.59E-05	-6.15E-02	-2.02E-01	-8.52E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NDN132A	-4.28E-03	9.78E-03	1.11E-03	3.26E-02	0.00E+00	0.00E+00	-8.85E-01	-5.33E-04	2.75E-05	-2.44E-03	0.00E+00	0.00E+00	-8.79E-10	-6.15E-08	4.95E-04	-7.90E-01	0.00E+00	0.00E+00	-8.71E-01	0.00E+00	-4.83E-02	0.00E+00	2.91E-09	-8.67E-09	-6.75E-04	0.00E+00	-8.70E-02	0.00E+00	-4.83E-02	-1.59E-05	-4.83E-02	-2.09E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	-4.20E+01
NDN132N	-4.60E-03	1.13E-02	5.09E-04	-2.50E-02	0.00E+00	0.00E+00	-7.08E-01	-4.06E-04	1.25E-04	-2.34E-03	0.00E+00	0.00E+00	-9.27E-10	-5.40E-08	-2.74E-03	-8.58E-01	0.00E+00	0.00E+00	-7.30E-01	0.00E+00	-3.67E-02	0.00E+00	6.54E-10	-9.48E-09	-6.40E-04	0.00E+00	-1.16E-01	0.00E+00	-3.67E-02	-1.51E-05	-3.67E-02	-3.22E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
NDN132P	-4.07E-03	-1.25E-02	1.43E-03	-2.57E-02	0.00E+00	0.00E+00	-4.62E-01	-4.07E-04	-9.67E-06	-2.83E-03	0.00E+00	0.00E+00	-9.13E-10	-3.99E-08	9.60E-04	-1.48E+00	0.00E+00	0.00E+00	-6.78E-01	0.00E+00	4.68E-02	0.00E+00	3.49E-09	-7.97E-09	-5.65E-04	0.00E+00	-1.90E-01	0.00E+00	4.68E-02	-1.07E-05	4.68E-02	-3.28E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
NDN140	-7.97E-03	2.58E-03	3.41E-04	1.46E-02	0.00E+00	0.00E+00	-1.23E+00	-6.99E-04	3.23E-05	-4.13E-03	0.00E+00	0.00E+00	-1.08E-09	-1.09E-07	4.36E-04	-8.25E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-8.16E-02	0.00E+00	2.64E-09	-1.29E-08	-1.03E-03	0.00E+00	-9.89E-02	0.00E+00	-8.16E-02	-2.75E-05	-8.16E-02	-3.38E-01	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
NDN140A	9.85E-04	-4.10E-02	2.45E-03	-4.35E-02	0.00E+00	0.00E+00	3.09E-01	-2.46E-05	9.22E-04	-3.59E-04	0.00E+00	0.00E+00	-5.85E-10	8.10E-09	1.67E-03	-2.41E-01	0.00E+00	0.00E+00	6.46E-02	0.00E+00	-1.58E-01	0.00E+00	1.44E-09	-3.36E-09	-1.95E-04	0.00E+00	-1.20E-02	0.00E+00	-1.58E-01	-1.32E-06	-1.58E-01	-1.70E-01	-1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.57E-01
NDN140N	-4.62E-03	1.13E-02	4.76E-04	-2.50E-02	0.00E+00	0.00E+00	-7.13E-01	-4.13E-04	1.25E-04	-2.40E-03	0.00E+00	0.00E+00	-9.32E-10	-5.40E-08	-2.76E-03	-8.51E-01	0.00E+00	0.00E+00	-7.31E-01	0.00E+00	-4.17E-02	0.00E+00	6.54E-10	-9.48E-09	-6.40E-04	0.00E+00	-1.16E-01	0.00E+00	-4.17E-02	-1.50E-05	-4.17E-02	-3.22E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.82E+01
NDN140P	-4.12E-03	-1.44E-02	1.55E-03	-4.28E-02	0.00E+00	0.00E+00	-4.29E-01	-4.27E-04	-9.67E-06	-2.86E-03	0.00E+00	0.00E+00	-9.44E-10	-3.55E-08	9.48E-04	-1.73E+00	0.00E+00	0.00E+00	-7.09E-01	0.00E+00	1.30E-01	0.00E+00	4.00E-09	-7.60E-09	-5.96E-04	0.00E+00	-2.40E-01	0.00E+00	1.30E-01	-1.11E-05	1.30E-01	-2.44E-01	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
NDN150	-2.70E-03	3.65E-02	2.24E-03	4.68E-02	0.00E+00	0.00E+00	-1.04E-01	-4.87E-04	2.00E-04	-1.22E-03	0.00E+00	0.00E+00	-7.69E-10	-4.57E-08	8.35E-04	-7.07E-01	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	3.50E-01	0.00E+00	7.60E-09	-6.06E-09	-4.45E-04	0.00E+00	-1.15E-01	0.00E+00	3.50E-01	-1.30E-05	3.50E-01	2.08E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
NDN150A	-8.41E-03	6.20E-03	1.91E-04	2.90E-02	0.00E+00	0.00E+00	-1.37E+00	-7.05E-04	8.47E-05	-4.67E-03	0.00E+00	0.00E+00	-1.23E-09	-1.04E-07	-5.37E-04	-7.49E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-1.80E-01	0.00E+00	2.99E-09	-1.46E-08	-9.58E-04	0.00E+00	-9.12E-02	0.00E+00	-1.80E-01	-2.79E-05	-1.80E-01	-4.61E-01	-9.12E-02	0.00E+00	0.00E+00	0.00E+00	-5.00E+01
NDN150N	-5.71E-03	2.49E-03	2.98E-04	-2.61E-02	0.00E+00	0.00E+00	-9.57E-01	-5.78E-04	7.84E-05	-3.17E-03	0.00E+00	0.00E+00	-1.07E-09	-6.65E-08	-3.75E-03	-8.89E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-1.48E-01	0.00E+00	7.15E-10	-1.27E-08	-8.01E-04	0.00E+00	-1.12E-01	0.00E+00	-1.48E-01	-1.86E-05	-1.48E-01	-4.11E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
NDN163	-2.80E-03	3.08E-02	2.74E-03	1.96E-02	0.00E+00	0.00E+00	-7.01E-02	-4.41E-04	2.84E-04	-1.30E-03	0.00E+00	0.00E+00	-8.35E-10	-4.80E-08	7.27E-04	-1.22E+00	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	3.55E-01	0.00E+00	7.81E-09	-6.71E-09	-4.72E-04	0.00E+00	-2.27E-01	0.00E+00	3.55E-01	-1.41E-05	3.55E-01	1.85E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
NDN163A	1.89E-03	1.96E-01	6.16E-03	1.90E-01	0.00E+00	0.00E+00	1.21E+00	2.21E-06	1.15E-03	1.76E-03	0.00E+00	0.00E+00	2.43E-10	1.26E-08	7.21E-03	2.42E-01	0.00E+00	0.00E+00	1.05E+00	0.00E+00	1.61E+00	0.00E+00	1.30E-08	7.08E-09	5.14E-04	0.00E+00	1.60E-01	0.00E+00	1.61E+00	2.56E-07	1.61E+00	1.77E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
NDN163N	-5.66E-03	-1.17E-03	3.62E-04	-3.04E-02	0.00E+00	0.00E+00	-8.31E-01	-5.30E-04	1.67E-04	-3.28E-03	0.00E+00	0.00E+00	-1.07E-09	-5.92E-08	-3.52E-03	-8.09E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.20E-01	0.00E+00	3.72E-10	-1.45E-08	-7.95E-04	0.00E+00	-1.09E-01	0.00E+00	-2.20E-01	-1.79E-05	-2.20E-01	-4.04E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.99E+01
NDN163P	-4.79E-03	-3.82E-02	1.53E-03	-9.53E-02	0.00E+00	0.00E+00	-6.44E-01	-4.64E-04	4.69E-05	-3.72E-03	0.00E+00	0.00E+00	-1.26E-09	-3.45E-08	-7.84E-04	-1.65E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-3.60E-01	0.00E+00	2.80E-09	-1.43E-08	-1.09E-03	0.00E+00	-2.85E-01	0.00E+00	-3.60E-01	-1.41E-05	-3.60E-01	-8.56E-01	-2.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
NDN200	-6.55E-03	-5.55E-02	2.36E-04	-1.87E-02	0.00E+00	0.00E+00	-2.26E+00	-5.53E-04	-1.32E-04	-3.46E-03	0.00E+00	0.00E+00	-2.21E-09	-1.38E-07	-5.81E-03	-1.19E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-5.13E-01	0.00E+00	1.83E-09	-1.43E-08	-8.27E-04	0.00E+00	-2.08E-01	0.00E+00	-5.13E-01	-3.96E-05	-5.13E-01	-7.92E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-8.97E+01
NDN200A	-6.47E-03	-5.65E-02	2.36E-04	-2.05E-02	0.00E+00	0.00E+00	-2.28E+00	-5.63E-04	-1.67E-04	-3.67E-03	0.00E+00	0.00E+00	-2.23E-09	-1.42E-07	-5.81E-03	-1.20E+00	0.00E+00	0.00E+00	-2.11E+00	0.00E+00	-4.99E-01	0.00E+00	1.83E-09	-1.46E-08	-8.66E-04	0.00E+00	-2.07E-01	0.00E+00	-4.99E-01	-3.96E-05	-4.99E-01	-8.08E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.11E+01
NDN200N	-5.74E-03	-3.80E-02	4.17E-04	-9.74E-02	0.00E+00	0.00E+00	-1.14E+00	-5.76E-04	1.86E-04	-2.61E-03	0.00E+00	0.00E+00	-1.92E-09	-6.15E-08	-7.03E-03	-2.40E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	-4.19E-01	0.00E+00	-1.82E-09	-1.69E-08	-9.09E-04	0.00E+00	-3.53E-01	0.00E+00	-4.19E-01	-2.20E-05	-4.19E-01	-8.46E-01	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-6.54E+01
NDN201	-6.44E-03	-6.13E-02	2.05E-04	-2.73E-02	0.00E+00	0.00E+00	-1.89E+00	-4.82E-04	-1.13E-04	-3.30E-03	0.00E+00	0.00E+00	-2.21E-09	-1.25E-07	-5.77E-03	-1.20E+00	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-4.74E-01	0.00E+00	1.75E-09	-1.41E-08	-7.82E-04	0.00E+00	-2.07E-01	0.00E+00	-4.74E-01	-3.93E-05	-4.74E-01	-7.45E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-8.31E+01
NDN201N	-5.67E-03	-3.10E-02	5.73E-04	-8.31E-02	0.00E+00	0.00E+00	-1.00E+00	-5.21E-04	1.62E-04	-2.76E-03	0.00E+00	0.00E+00	-1.88E-09	-5.45E-08	-7.43E-03	-2.22E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-4.19E-01	0.00E+00	-1.74E-09	-1.52E-08	-7.85E-04	0.00E+00	-3.08E-01	0.00E+00	-4.19E-01	-2.14E-05	-4.19E-01	-8.20E-01	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.92E+01
NDN202	-7.23E-03	-5.51E-02	2.16E-04	-1.81E-02	0.00E+00	0.00E+00	-2.31E+00	-6.48E-04	-1.25E-04	-3.76E-03	0.00E+00	0.00E+00	-2.20E-09	-1.50E-07	-5.62E-03	-1.20E+00	0.00E+00	0.00E+00	-2.05E+00	0.00E+00	-5.51E-01	0.00E+00	1.83E-09	-1.56E-08	-9.34E-04	0.00E+00	-2.08E-01	0.00E+00	-5.51E-01	-4.33E-05	-5.51E-01	-8.50E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.29E+01
NDN202A	-7.39E-03	-5.61E-02	1.88E-04	-1.78E-02	0.00E+00	0.00E+00	-2.33E+00	-6.51E-04	-1.14E-04	-3.81E-03	0.00E+00	0.00E+00	-2.22E-09	-1.54E-07	-5.67E-03	-1.21E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-5.38E-01	0.00E+00	1.83E-09	-1.59E-08	-9.60E-04	0.00E+00	-2.10E-01	0.00E+00	-5.38E-01	-4.35E-05	-5.38E-01	-8.67E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.50E+01
NDN202N	-5.95E-03	-3.28E-02	4.80E-04	-8.88E-02	0.00E+00	0.00E+00	-1.15E+00	-6.52E-04	1.55E-04	-2.97E-03	0.00E+00	0.00E+00	-1.91E-09	-5.85E-08	-7.42E-03	-2.30E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-5.08E-01	0.00E+00	-1.66E-09	-1.62E-08	-8.22E-04	0.00E+00	-3.18E-01	0.00E+00	-5.08E-01	-2.22E-05	-5.08E-01	-9.19E-01	-3.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.43E+01
NDN202P	-7.19E-03	-2.60E-01	-1.87E-03	-1.80E-01	0.00E+00	0.00E+00	-1.96E+00	-7.03E-04	1.51E-04	-4.85E-03	0.00E+00	0.00E+00	-2.55E-09	-7.00E-08	-9.10E-03	-4.05E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-1.78E+00	0.00E+00	-1.47E-09	-2.05E-08	-1.64E-03	0.00E+00	-7.53E-01	0.00E+00	-1.78E+00	-2.19E-05	-1.78E+00	-2.53E+00	-7.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NDN203	-7.10E-03	-6.62E-02	1.09E-04	-2.43E-02	0.00E+00	0.00E+00	-2.11E+00	-6.43E-04	-9.81E-05	-4.01E-03	0.00E+00	0.00E+00	-2.36E-09	-1.48E-07	-6.04E-03	-1.21E+00	0.00E+00	0.00E+00	-2.21E+00	0.00E+00	-5.83E-01	0.00E+00	1.49E-09	-1.69E-08	-9.93E-04	0.00E+00	-2.11E-01	0.00E+00	-5.83E-01	-4.53E-05	-5.83E-01	-9.16E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
NDN203N	-6.01E-03	-3.86E-02	3.77E-04	-9.89E-02	0.00E+00	0.00E+00	-1.26E+00	-7.20E-04	1.41E-04	-3.19E-03	0.00E+00	0.00E+00	-2.06E-09	-5.77E-08	-8.00E-03	-2.29E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-5.57E-01	0.00E+00	-1.90E-09	-1.71E-08	-9.73E-04	0.00E+00	-3.24E-01	0.00E+00	-5.57E-01	-2.31E-05	-5.57E-01	-1.08E+00	-3.24E-01	0.00E+00	0.00E+00	0.00E+00	-7.77E+01
NDN204	-7.69E-03	-6.76E-02	1.55E-04	-3.09E-02	0.00E+00	0.00E+00	-2.48E+00	-7.09E-04	-1.78E-04	-4.48E-03	0.00E+00	0.00E+00	-2.50E-09	-1.50E-07	-5.01E-03	-1.30E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-7.26E-01	0.00E+00	1.04E-09	-1.95E-08	-1.04E-03	0.00E+00	-2.05E-01	0.00E+00	-7.26E-01	-4.69E-05	-7.26E-01	-1.17E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NDN204A	-7.75E-03	-6.72E-02	1.55E-04	-2.83E-02	0.00E+00	0.00E+00	-2.50E+00	-7.07E-04	-1.27E-04	-4.44E-03	0.00E+00	0.00E+00	-2.47E-09	-1.54E-07	-5.08E-03	-1.29E+00	0.00E+00	0.00E+00	-2.46E+00	0.00E+00	-7.07E-01	0.00E+00	1.02E-09	-1.98E-08	-1.03E-03	0.00E+00	-2.07E-01	0.00E+00	-7.07E-01	-4.74E-05	-7.07E-01	-1.18E+00	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NDN204N	-6.13E-03	-4.65E-02	2.62E-04	-1.15E-01	0.00E+00	0.00E+00	-1.32E+00	-7.39E-04	1.36E-04	-3.35E-03	0.00E+00	0.00E+00	-2.18E-09	-5.64E-08	-7.42E-03	-2.24E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-8.14E-01	0.00E+00	-2.87E-09	-2.01E-08	-9.86E-04	0.00E+00	-3.30E-01	0.00E+00	-8.14E-01	-2.36E-05	-8.14E-01	-1.25E+00	-3.30E-01	0.00E+00	0.00E+00	0.00E+00	-8.26E+01
NDN206	-5.60E-03	-9.79E-03	4.60E-04	1.24E-02	0.00E+00	0.00E+00	-1.80E+00	-4.88E-04	-1.07E-04	-3.25E-03	0.00E+00	0.00E+00	-2.14E-09	-1.35E-07	-5.35E-03	-1.06E+00	0.00E+00	0.00E+00	-1.64E+00	0.00E+00	-4.01E-01	0.00E+00	2.06E-09	-1.40E-08	-7.24E-04	0.00E+00	-1.98E-01	0.00E+00	-4.01E-01	-3.36E-05	-4.01E-01	-4.38E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
NDN206A	-5.53E-03	-1.10E-02	4.32E-04	6.82E-03	0.00E+00	0.00E+00	-1.82E+00	-5.32E-04	-1.55E-04	-3.47E-03	0.00E+00	0.00E+00	-2.20E-09	-1.40E-07	-5.67E-03	-1.12E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-3.94E-01	0.00E+00	2.06E-09	-1.41E-08	-7.54E-04	0.00E+00	-2.11E-01	0.00E+00	-3.94E-01	-3.44E-05	-3.94E-01	-4.38E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01

NDN206N	-5.72E-03	-2.90E-02	5.53E-04	-8.12E-02	0.00E+00	0.00E+00	-1.08E+00	-5.37E-04	1.59E-04	-2.71E-03	0.00E+00	0.00E+00	-1.88E-09	-5.79E-08	-7.45E-03	-2.16E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-4.48E-01	0.00E+00	-1.69E-09	-1.54E-08	-8.17E-04	0.00E+00	-3.04E-01	0.00E+00	-4.48E-01	-2.15E-05	-4.48E-01	-8.12E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-6.06E+01
NDN206P	-7.17E-03	-2.58E-01	-1.94E-03	-1.76E-01	0.00E+00	0.00E+00	-1.85E+00	-6.35E-04	2.35E-05	-4.85E-03	0.00E+00	0.00E+00	-2.56E-09	-8.11E-08	-8.33E-03	-3.99E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	-1.70E+00	0.00E+00	-1.55E-09	-2.05E-08	-1.58E-03	0.00E+00	-7.28E-01	0.00E+00	-1.70E+00	-2.13E-05	-1.70E+00	-2.53E+00	-7.28E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
NDN210	-5.79E-03	-1.52E-02	6.61E-04	-1.85E-02	0.00E+00	0.00E+00	-1.57E+00	-5.13E-04	-1.17E-04	-3.44E-03	0.00E+00	0.00E+00	-2.27E-09	-1.34E-07	-6.49E-03	-2.13E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-4.67E-01	0.00E+00	2.32E-09	-1.47E-08	-8.27E-04	0.00E+00	-3.73E-01	0.00E+00	-4.67E-01	-3.59E-05	-4.67E-01	-6.66E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
NDN210A	-5.83E-03	-1.47E-02	5.94E-04	-1.73E-02	0.00E+00	0.00E+00	-1.85E+00	-5.71E-04	-1.66E-04	-3.68E-03	0.00E+00	0.00E+00	-2.29E-09	-1.39E-07	-6.49E-03	-2.10E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-4.77E-01	0.00E+00	2.32E-09	-1.50E-08	-8.64E-04	0.00E+00	-3.73E-01	0.00E+00	-4.77E-01	-3.62E-05	-4.77E-01	-7.28E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
NDN210N	-5.23E-03	-3.87E-02	1.33E-03	-4.96E-02	0.00E+00	0.00E+00	-1.03E+00	-6.96E-04	1.52E-04	-2.03E-03	0.00E+00	0.00E+00	-1.90E-09	-5.48E-08	-7.56E-03	-1.59E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-3.81E-01	0.00E+00	-7.20E-10	-1.57E-08	-1.12E-03	0.00E+00	-2.54E-01	0.00E+00	-3.81E-01	-1.72E-05	-3.81E-01	-4.80E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-5.78E+01
NDN210P	-5.71E-03	-2.38E-01	-2.07E-03	-1.57E-01	0.00E+00	0.00E+00	-1.48E+00	-5.30E-04	-1.10E-06	-4.15E-03	0.00E+00	0.00E+00	-2.22E-09	-5.03E-08	-6.94E-03	-2.32E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-1.44E+00	0.00E+00	-1.70E-10	-1.73E-08	-1.05E-03	0.00E+00	-5.23E-01	0.00E+00	-1.44E+00	-1.78E-05	-1.44E+00	-2.32E+00	-5.23E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
NDN213	-6.01E-03	-2.68E-02	4.95E-04	-3.12E-02	0.00E+00	0.00E+00	-1.70E+00	-5.50E-04	-1.32E-04	-4.12E-03	0.00E+00	0.00E+00	-2.47E-09	-1.46E-07	-7.11E-03	-1.95E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-5.33E-01	0.00E+00	1.67E-09	-1.70E-08	-9.94E-04	0.00E+00	-3.77E-01	0.00E+00	-5.33E-01	-4.05E-05	-5.33E-01	-1.03E+00	-3.77E-01	0.00E+00	0.00E+00	0.00E+00	-8.83E+01
NDN216	-6.07E-03	-2.98E-02	5.22E-04	-3.47E-02	0.00E+00	0.00E+00	-1.74E+00	-5.74E-04	-1.42E-04	-4.07E-03	0.00E+00	0.00E+00	-2.59E-09	-1.44E-07	-6.05E-03	-1.98E+00	0.00E+00	0.00E+00	-2.16E+00	0.00E+00	-6.43E-01	0.00E+00	1.16E-09	-1.87E-08	-1.04E-03	0.00E+00	-3.74E-01	0.00E+00	-6.43E-01	-4.02E-05	-6.43E-01	-1.20E+00	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
NDN216A	-6.08E-03	-2.99E-02	5.22E-04	-3.42E-02	0.00E+00	0.00E+00	-2.04E+00	-6.23E-04	-1.90E-04	-4.27E-03	0.00E+00	0.00E+00	-2.60E-09	-1.47E-07	-6.07E-03	-1.99E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-6.52E-01	0.00E+00	1.16E-09	-1.88E-08	-1.04E-03	0.00E+00	-3.71E-01	0.00E+00	-6.52E-01	-4.06E-05	-6.52E-01	-1.26E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NDN216N	-5.65E-03	-4.73E-02	1.34E-03	-6.87E-02	0.00E+00	0.00E+00	-1.19E+00	-8.13E-04	1.31E-04	-2.12E-03	0.00E+00	0.00E+00	-2.21E-09	-6.02E-08	-7.89E-03	-1.71E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-6.31E-01	0.00E+00	-1.52E-09	-1.90E-08	-1.29E-03	0.00E+00	-2.66E-01	0.00E+00	-6.31E-01	-1.85E-05	-6.31E-01	-8.87E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
NDN216P	-6.59E-03	-2.28E-01	-1.92E-03	-1.30E-01	0.00E+00	0.00E+00	-1.74E+00	-6.64E-04	-5.42E-06	-4.68E-03	0.00E+00	0.00E+00	-2.31E-09	-7.52E-08	-6.27E-03	-1.25E+00	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.50E+00	0.00E+00	-7.21E-10	-2.06E-08	-1.40E-03	0.00E+00	-3.11E-01	0.00E+00	-1.50E+00	-2.17E-05	-1.50E+00	-2.38E+00	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.93E+01
NDN220	-7.31E-03	-2.50E-02	5.24E-04	-3.02E-02	0.00E+00	0.00E+00	-2.35E+00	-6.21E-04	-2.70E-04	-4.26E-03	0.00E+00	0.00E+00	-2.60E-09	-1.67E-07	-5.94E-03	-1.96E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-6.49E-01	0.00E+00	1.54E-09	-1.89E-08	-1.05E-03	0.00E+00	-3.71E-01	0.00E+00	-6.49E-01	-4.89E-05	-6.49E-01	-1.22E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NDN220A	-7.22E-03	-2.32E-02	5.24E-04	-1.57E-02	0.00E+00	0.00E+00	-2.35E+00	-6.60E-04	-2.70E-04	-4.33E-03	0.00E+00	0.00E+00	-2.61E-09	-1.71E-07	-5.70E-03	-1.95E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-6.49E-01	0.00E+00	1.41E-09	-1.90E-08	-1.05E-03	0.00E+00	-3.38E-01	0.00E+00	-6.49E-01	-4.87E-05	-6.49E-01	-1.23E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NDN220N	-6.10E-03	-5.22E-02	1.26E-03	-5.07E-02	0.00E+00	0.00E+00	-1.42E+00	-8.77E-04	1.29E-03	-2.67E-03	0.00E+00	0.00E+00	-2.32E-09	-6.95E-08	-6.95E-03	-2.02E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-4.92E-01	0.00E+00	-2.15E-09	-2.22E-08	-1.39E-03	0.00E+00	-3.26E-01	0.00E+00	-4.92E-01	-2.05E-05	-4.92E-01	-6.21E-01	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-8.67E+01
NDN220P	-6.52E-03	-2.48E-01	-2.25E-03	-2.00E-01	0.00E+00	0.00E+00	-1.82E+00	-6.34E-04	-5.67E-05	-5.01E-03	0.00E+00	0.00E+00	-2.62E-09	-6.14E-08	-7.64E-03	-2.16E+00	0.00E+00	0.00E+00	-2.50E+00	0.00E+00	-1.79E+00	0.00E+00	-1.21E-09	-2.38E-08	-1.57E-03	0.00E+00	-5.42E-01	0.00E+00	-1.79E+00	-2.39E-05	-1.79E+00	-2.82E+00	-5.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NDN225	-5.13E-03	-1.45E-02	1.24E-03	-3.17E-02	0.00E+00	0.00E+00	-2.38E+00	-4.50E-04	-1.24E-05	-3.25E-03	0.00E+00	0.00E+00	-2.54E-09	-1.53E-07	-5.61E-03	-1.91E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-8.22E-01	0.00E+00	1.62E-09	-1.67E-08	-8.35E-04	0.00E+00	-4.05E-01	0.00E+00	-8.22E-01	-5.20E-05	-8.22E-01	-1.35E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
NDN225A	-5.13E-03	-6.58E-03	1.16E-03	1.05E-03	0.00E+00	0.00E+00	-2.36E+00	-4.98E-04	-1.24E-05	-3.14E-03	0.00E+00	0.00E+00	-2.40E-09	-1.57E-07	-4.58E-03	-1.02E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-6.11E-01	0.00E+00	1.88E-09	-1.60E-08	-7.67E-04	0.00E+00	-2.44E-01	0.00E+00	-6.11E-01	-5.12E-05	-6.11E-01	-8.69E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NDN225N	-7.63E-03	-5.51E-02	1.30E-03	-4.78E-02	0.00E+00	0.00E+00	-1.59E+00	-9.17E-04	1.32E-03	-3.09E-03	0.00E+00	0.00E+00	-2.40E-09	-7.98E-08	-6.58E-03	-2.01E+00	0.00E+00	0.00E+00	-2.26E+00	0.00E+00	-5.22E-01	0.00E+00	-2.66E-09	-2.22E-08	-1.58E-03	0.00E+00	-3.51E-01	0.00E+00	-5.22E-01	-2.43E-05	-5.22E-01	-7.38E-01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-9.54E+01
NDN225P	-7.87E-03	-2.30E-01	-1.84E-03	-1.49E-01	0.00E+00	0.00E+00	-1.95E+00	-7.20E-04	7.56E-06	-4.91E-03	0.00E+00	0.00E+00	-2.36E-09	-9.44E-08	-5.77E-03	-1.19E+00	0.00E+00	0.00E+00	-2.47E+00	0.00E+00	-1.51E+00	0.00E+00	-1.00E-09	-2.28E-08	-1.54E-03	0.00E+00	-3.42E-01	0.00E+00	-1.51E+00	-2.73E-05	-1.51E+00	-2.52E+00	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NDN232	-3.39E-03	-5.79E-03	1.68E-03	-2.01E-03	0.00E+00	0.00E+00	-2.42E+00	-3.68E-04	1.64E-05	-2.97E-03	0.00E+00	0.00E+00	-2.39E-09	-1.41E-07	-6.05E-03	-1.20E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-5.19E-01	0.00E+00	2.43E-09	-1.45E-08	-6.92E-04	0.00E+00	-2.58E-01	0.00E+00	-5.19E-01	-5.34E-05	-5.19E-01	-8.49E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NDN232A	-3.37E-03	-4.52E-03	1.66E-03	1.93E-03	0.00E+00	0.00E+00	-2.41E+00	-3.88E-04	3.48E-05	-3.02E-03	0.00E+00	0.00E+00	-2.31E-09	-1.44E-07	-5.82E-03	-1.10E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-4.91E-01	0.00E+00	2.45E-09	-1.46E-08	-6.82E-04	0.00E+00	-2.43E-01	0.00E+00	-4.91E-01	-5.38E-05	-4.91E-01	-8.58E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NDN232N	-5.79E-03	-3.66E-02	5.10E-05	-1.34E-01	0.00E+00	0.00E+00	-1.50E+00	-7.18E-04	4.25E-04	-3.23E-03	0.00E+00	0.00E+00	-2.32E-09	-4.92E-08	-7.85E-03	-2.48E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-9.36E-01	0.00E+00	-2.98E-09	-2.01E-08	-1.10E-03	0.00E+00	-4.09E-01	0.00E+00	-9.36E-01	-2.75E-05	-9.36E-01	-1.44E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-9.44E+01
NDN232P	-7.37E-03	-2.74E-01	-2.16E-03	-2.39E-01	0.00E+00	0.00E+00	-3.07E+00	-6.68E-04	1.57E-04	-6.52E-03	0.00E+00	0.00E+00	-2.90E-09	-6.04E-08	-8.55E-03	-3.86E+00	0.00E+00	0.00E+00	-3.39E+00	0.00E+00	-2.29E+00	0.00E+00	-2.46E-09	-2.40E-08	-1.84E-03	0.00E+00	-7.71E-01	0.00E+00	-2.29E+00	-2.83E-05	-2.29E+00	-3.33E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NDN240	-8.94E-03	-1.84E-02	5.40E-04	-9.55E-03	0.00E+00	0.00E+00	-2.52E+00	-5.86E-04	-1.68E-04	-4.04E-03	0.00E+00	0.00E+00	-2.47E-09	-1.99E-07	-2.98E-03	-1.40E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-5.02E-01	0.00E+00	1.80E-09	-1.99E-08	-1.09E-03	0.00E+00	-3.51E-01	0.00E+00	-5.02E-01	-6.00E-05	-5.02E-01	-7.52E-01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NDN240A	-9.00E-03	-1.71E-02	5.20E-04	-1.13E-02	0.00E+00	0.00E+00	-2.56E+00	-6.01E-04	-1.76E-04	-4.00E-03	0.00E+00	0.00E+00	-2.53E-09	-2.04E-07	-3.02E-03	-1.46E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-4.98E-01	0.00E+00	1.82E-09	-2.02E-08	-1.15E-03	0.00E+00	-3.46E-01	0.00E+00	-4.98E-01	-6.07E-05	-4.98E-01	-7.80E-01	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NDN240N	-7.59E-03	-5.25E-02	-1.09E-04	-1.40E-01	0.00E+00	0.00E+00	-1.50E+00	-8.16E-04	2.19E-04	-3.21E-03	0.00E+00	0.00E+00	-2.35E-09	-7.55E-08	-6.84E-03	-2.45E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-8.84E-01	0.00E+00	-3.56E-09	-2.19E-08	-1.18E-03	0.00E+00	-4.06E-01	0.00E+00	-8.84E-01	-2.79E-05	-8.84E-01	-1.38E+00	-4.06E-01	0.00E+00	0.00E+00	0.00E+00	-9.43E+01
NDN240P	-8.61E-03	-2.78E-01	-2.07E-03	-2.35E-01	0.00E+00	0.00E+00	-2.96E+00	-7.76E-04	7.19E-05	-6.19E-03	0.00E+00	0.00E+00	-2.88E-09	-9.41E-08	-7.91E-03	-3.85E+00	0.00E+00	0.00E+00	-3.26E+00	0.00E+00	-2.27E+00	0.00E+00	-3.00E-09	-2.58E-08	-1.99E-03	0.00E+00	-7.57E-01	0.00E+00	-2.27E+00	-2.89E-05	-2.27E+00	-3.23E+00	-7.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
NDN250	-1.18E-02	1.45E-02	2.58E-03	-5.45E-02	0.00E+00	0.00E+00	-1.45E+00	-1.01E-03	1.18E-04	-5.01E-03	0.00E+00	0.00E+00	-2.66E-09	-1.18E-07	-3.04E-03	-2.14E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-4.39E-01	0.00E+00	5.67E-09	-2.99E-08	-2.09E-03	0.00E+00	-4.26E-01	0.00E+00	-4.39E-01	-4.11E-05	-4.39E-01	-5.19E-01	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-8.25E+01
NDN250A	-1.04E-02	1.89E-02	-1.32E-04	1.53E-02	0.00E+00	0.00E+00	-3.37E+00	-1.04E-03	-1.87E-04	-6.24E-03	0.00E+00	0.00E+00	-2.71E-09	-2.37E-07	-4.20E-03	-1.56E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-5.61E-01	0.00E+00	2.13E-09	-2.28E-08	-1.75E-03	0.00E+00	-3.53E-01	0.00E+00	-5.61E-01	-6.46E-05	-5.61E-01	-9.52E-01	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NDN250N	-1.65E-02	-1.39E-02	-7.83E-04	-1.26E-01	0.00E+00	0.00E+00	-2.54E+00	-1.40E-03	1.05E-04	-6.15E-03	0.00E+00	0.00E+00	-2.78E-09	-2.11E-07	-8.82E-03	-2.54E+00	0.00E+00	0.00E+00	-2.53E+00	0.00E+00	-8.65E-01	0.00E+00	-3.43E-09	-3.29E-08	-2.17E-03	0.00E+00	-4.39E-01	0.00E+00	-8.65E-01	-5.60E-05	-8.65E-01	-1.33E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NDN250P	-1.37E-02	-2.81E-01	-3.45E-03	-2.35E-01	0.00E+00	0.00E+00	-3.55E+00	-1.25E-03	-1.77E-04	-6.91E-03	0.00E+00	0.00E+00	-3.24E-09	-2.27E-07	-9.22E-03	-3.85E+00	0.00E+00	0.00E+00	-3.51E+00	0.00E+00	-2.22E+00	0.00E+00	-2.81E-09	-3.42E-08	-2.66E-03	0.00E+00	-8.05E-01	0.00E+00	-2.22E+00	-5.49E-05	-2.22E+00	-3.21E+00	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NDN263	-1.63E-02	1.66E-02	-1.06E-03	-1.62E-02	0.00E+00	0.00E+00	-3.96E+00	-1.86E-03	2.54E-05	-8.00E-03	0.00E+00	0.00E+00	-3.63E-09	-2.73E-07	-4.02E-03	-1.51E+00	0.00E+00	0.00E+00	-3.27E+00	0.00E+00	-6.71E-01	0.00E+00	2.53E-09	-3.04E-08	-2.79E-03	0.00E+00	-4.70E-01	0.00E+00	-6.71E-01	-7.41E-05	-6.71E-01	-9.46E-01	-4.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NDN263A	-1.60E-02	1.66E-02	-1.06E-03	-1.55E-02	0.00E+00	0.00E+00	-3.97E+00	-1.89E-03	2.54E-05	-8.00E-03	0.00E+00	0.00E+00	-3.60E-09	-2.71E-07	-4.02E-03	-1.51E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-6.52E-01	0.00E+00	2.61E-09	-3.01E-08	-2.79E-03	0.00E+00	-4.70E-01	0.00E+00	-6.52E-01	-7.42E-05	-6.52E-01	-9.63E-01	-4.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NDN263N	-1.98E-02	-1.02E-02	-9.48E-04	-1.39E-01	0.00E+00	0.00E+00	-3.54E+00	-1.84E-03	1.97E-04	-7.20E-03	0.00E+00	0.00E+00	-3.49E-09	-2.31E-07	-7.99E-03	-2.47E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-9.41E-01	0.00E+00	-2.29E-09	-3.49E-08	-3.00E-03	0.00E+00	-5.24E-01	0.00E+00	-9.41E-01	-7.19E-05	-9.41E-01	-1.16E+00	-5.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
NDN263P	-1.75E-02	-2.70E-01	-2.94E-03	-2.22E-01	0.00E+00	0.00E+00	-4.02E+00	-1.66E-03	-1.30E-04	-1.07E-02	0.00E+00	0.00E+00	-3.61E-09	-2.75E-07	-9.81E-03	-3.90E+00	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-2.07E+00	0.00E+00	-1.50E-09	-3.77E-08	-2.95E-03	0.00E+00	-7.78E-01	0.00E+00	-2.07E+00	-7.21E-05	-2.07E+00	-2.91E+00	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NDN300	-1.13E-02	-6.74E-02	-2.11E-03	-5.69E-02	0.00E+00	0.00E+00	-2.93E+00	-1.30E-03	-2.62E-04	-6.39E-03	0.00E+00	0.00E+00	-3.60E-09	-1.39E-07	-2.28E-02	-1.80E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.51E+00	0.00E+00	2.15E-09	-2.90E-08	-2.26E-03	0.00E+00	-4.09E-01	0.00E+00	-1.51E+00	-4.89E-05	-1.51E+00	-1.95E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
NDN300A	-1.13E-02	-6.74E-02	-2.11E-03	-5.69E-02	0.00E+00	0.00E+00	-2.93E+00	-1.30E-03	-2.62E-04	-6.39E-03	0.00E+00	0.00E+00	-3.60E-09	-1.39E-07	-2.29E-02	-1.80E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.51E+00	0.00E+00	2.15E-09	-2.90E-08	-2.24E-03	0.00E+00	-4.09E-01	0.00E+00	-1.51E+00	-4.86E-05	-1.51E+00	-1.95E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
NDN300N	-9.62E-03	-1.55E-01	-1.17E-03	-2.04E-01	0.00E+00	0.00E+00	-2.19E+00	-1.20E-03	-1.08E-04	-6.78E-03	0.00E+00	0.00E+00	-3.04E-09	-1.12E-07	-1.75E-02	-2.57E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-1.16E+00	0.00E+00	-5.30E-09	-2.24E-08	-2.31E-03	0.00E+00	-4.69E-01	0.00E+00	-1.16E+00	-3.17E-05	-1.16E+00	-1.69E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NDN301	-1.08E-02	-5.12E-02	-2.02E-03	-5.79E-02	0.00E+00	0.00E+00	-2.62E+00	-1.23E-03	-2.31E-04	-6.05E-03	0.00E+00	0.00E+00	-3.56E-09	-1.35E-07	-2.23E-02	-1.77E+00	0.00E+00	0.00E+00	-3.00E+00	0.00E+00	-1.39E+00	0.00E+00	2.09E-09	-2.82E-08	-2.19E-03	0.00E+00	-4.09E-01	0.00E+00	-1.39E+00	-4.67E-05	-1.39E+00	-1.81E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NDN301A	-9.21E-03	-1.43E-01	2.25E-03	-1.10E-01	0.00E+00	0.00E+00	-1.42E+00	-1.26E-03	-8.97E-05	-6.14E-03	0.00E+00	0.00E+00	-2.68E-09	-1.12E-07	-1.67E-02	-2.08E+00	0.00E+00	0.00E+00	-2.61E+00	0.00E+00	-3.79E-01	0.00E+00	8.15E-09	-2.72E-08	-2.40E-03	0.00E+00	-4.87E-01	0.00E+00	-3.79E-01	-2.70E-05	-3.79E-01	-3.73E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
NDN301N	-9.35E-03	-1.13E-01	-7.71E-04	-1.85E-01	0.00E+00	0.00E+00	-2.02E+00	-1.18E-03	-8.92E-05	-6.65E-03	0.00E+00	0.00E+00	-2.93E-09	-1.08E-07	-1.87E-02	-2.44E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-6.00E-01	0.00E+00	-1.57E-09	-2.13E-08	-2.29E-03	0.00E+00	-4.38E-01	0.00E+00	-6.00E-01	-3.20E-05	-6.00E-01	-9.40E-01	-4.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NDN302	-1.22E-02	-7.24E-02	-2.20E-03	-8.80E-02	0.00E+00	0.00E+00	-3.04E+00	-1.36E-03	-3.34E-04	-6.67E-03	0.00E+00	0.00E+00	-3.70E-09	-1.53E-07	-2.26E-02	-1.77E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-1.69E+00	0.00E+00	1.79E-09	-3.01E-08	-2.46E-03	0.00E+00	-4.51E-01	0.00E+00	-1.69E+00	-5.10E-05	-1.69E+00	-2.26E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NDN302A	-1.21E-02	-7.88E-02	-2.40E-03	-8.88E-02	0.00E+00	0.00E+00	-3.49E+00	-1.39E-03	-4.57E-04	-8.33E-03	0.00E+00	0.00E+00	-3.75E-09	-1.53E-07	-2.31E-02	-1.77E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-1.78E+00	0.00E+00	1.79E-09	-3.03E-08	-2.44E-03	0.00E+00	-4.51E-01	0.00E+00	-1.78E+00	-5.26E-05	-1.78E+00	-2.48E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
NDN302N	-9.65E-03	-1.46E-01	-1.01E-03	-2.35E-01	0.00E+00	0.00E+00	-2.26E+00	-1.13E-03	-6.03E-05	-6.94E-03	0.00E+00	0.00E+00	-3.11E-09	-1.08E-07	-1.86E-02	-2.47E+00	0.00E+00	0.00E+00	-2.71E+00	0.00E+00	-9.93E-01	0.00E+00	-2.59E-09	-2.30E-08	-2.42E-03	0.00E+00	-4.84E-01	0.00E+00	-9.93E-01	-3.13E-05	-9.93E-01	-1.53E+00	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
NDN303	-1.10E-02	-8.91E-02	-2.05E-03	-8.38E-02	0.00E+00	0.00E+00	-2.51E+00	-1.19E-03	-2.02E-04	-6.06E-03	0.00E+00	0.00E+00	-3.80E-09	-1.34E-07	-2.16E-02	-1.79E+00	0.00E+00	0.00E+00	-3.30E+00	0.00E+00	-1.58E+00	0.00E+00	7.60E-10	-3.06E-08	-2.26E-03	0.00E+00	-4.65E-01	0.00E+00	-1.58E+00	-5.41E-05	-1.58E+00	-2.07E+00	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NDN303N	-9.74E-03	-1.52E-01	-1.06E-03	-2.36E-01	0.00E+00	0.00E+00	-2.30E+00	-1.13E-03	-6.03E-05	-7.03E-03	0.00E+00	0.00E+00	-3.25E-09	-1.11E-07	-1.84E-02	-2.48E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-1.10E+00	0.00E+00	-2.57E-09	-2.36E-08	-2.55E-03	0.00E+00	-4.94E-01	0.00E+00	-1.10E+00	-3.39E-05	-1.10E+00	-1.59E+00	-4.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
NDN304	-1.22E-02	-7.38E-02	-2.11E-03	-8.41E-02	0.00E+00	0.00E+00	-3.34E+00	-1.44E-03	-3.26E-04	-7.63E-03	0.00E+00	0.00E+00	-3.90E-09	-1.42E-07	-2.30E-02	-1.78E+00	0.00E+00	0.00E+00	-3.65E+00	0.00E+00	-1.88E+00	0.00E+00	1.84E-09	-3.21E-08	-2.58E-03	0.00E+00	-4.50E-01	0.00E+00	-1.88E+00	-5.30E-05	-1.88E+00	-2.34E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NDN304A	-1.22E-02	-8.02E-02	-1.82E-03	-8.33E-02	0.00E+00	0.00E+00	-3.47E+00	-1.47E-03	-3.43E-04	-7.74E-03	0.00E+00	0.00E+00	-3.86E-09	-1.42E-07	-2.33E-02	-1.76E+00	0.00E+00	0.00E+00	-3.91E+00	0.00E+00	-1.77E+00	0.00E+00	1.84E-09	-3.25E-08	-2.54E-03	0.00E+00	-4.51E-01	0.00E+00	-1.77E+00	-5.47E-05	-1.77E+00	-2.33E+00	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NDN304N	-1.01E-02	-1.49E-01	-8.30E-04	-2.38E-01	0.00E+00	0.00E+00	-2.44E+00	-1.24E-03	-3.90E-05	-8.04E-03	0.00E+00	0.00E+00	-3.38E-09	-1.15E-07	-1.95E-02	-2.51E+00	0.00E+00	0.00E+00	-2.88E+00	0.00E+00	-1.25E+00	0.00E+00	-2.37E-09	-2.76E-08	-2.73E-03	0.00E+00	-4.96E-01	0.00E+00	-1.25E+00	-3.55E-05	-1.25E+00	-1.67E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NDN304P	-1.32E-02	-4.72E-01	-4.89E-03	-3.46E-01	0.00E+00	0.00E+00	-3.72E+00	-1.56E-03	-3.49E-04	-1.14E-02	0.00E+00	0.00E+00	-4.10E-09	-1.58E-07	-2.00E-02	-3.74E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-3.63E+00	0.00E+00	-9.77E-09	-4.27E-08	-3.07E-03	0.00E+00	-7.53E-01	0.00E+00	-3.63E+00	-4.12E-05	-3.63E+00	-4.67E+00	-7.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
NDN306	-8.91E-03	-7.50E-02	-2.01E-03	-6.40E-02	0.00E+00	0.00E+00	-2.11E+00	-8.08E-04	-1.33E-04	-5.20E-03	0.00E+00	0.00E+00	-3.13E-09	-1.35E-07	-2.24E-02	-1.75E+00	0.00E+00	0.00E+00	-2.55E+00	0.00E+00	-1.28E+00	0.00E+00	2.33E-09	-2.63E-08	-1.60E-03	0.00E+00	-3.73E-01	0.00E+00	-1.28E+00	-4.29E-05	-1.28E+00	-1.71E+00	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NDN306A	-9.13E-03	-8.20E-02	-2.08E-03	-6.41E-02	0.00E+00	0.00E+00	-2.43E+00	-8.88E-04	-1.92E-04	-5.93E-03	0.00E+00	0.00E+00	-3.16E-09	-1.33E-07	-2.30E-02	-1.72E+00	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-1.54E+00	0.00E+00	2.33E-09	-2.66E-08	-1.62E-03	0.00E+00	-3.71E-01	0.00E+00	-1.54E+00	-4.35E-05	-1.54E+00	-1.88E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NDN306N	-9.11E-03	-1.18E-01	-8.75E-04	-1.87E-01	0.00E+00	0.00E+00	-1.88E+00	-1.16E-03	6.29E-05	-5.63E-03	0.00E+00	0.00E+00	-2.88E-09	-8.96E-08	-1.86E-02	-2.50E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-9.03E-01	0.00E+00	-1.60E-09	-2.25E-08	-2.20E-03	0.00E+00	-4.49E-01	0.00E+00	-9.03E-01	-2.95E-05	-9.03E-01	-1.12E+00	-4.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
NDN306P	-1.17E-02	-4.42E-01	-4.27E-03	-3.00E-01	0.00E+00	0.00E+00	-2.75E+00	-1.30E-03	-1.05E-04	-8.78E-03	0.00E+00	0.00E+00	-3.67E-09	-1.20E-07	-2.16E-02	-3.76E+00	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-2.61E+00	0.00E+00	-5.61E-09	-3.90E-08	-2.68E-03	0.00E+00	-7.39E-01	0.00E+00	-2.61E+00	-3.13E-05	-2.61E+00	-3.74E+00	-7.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
NDN310	-9.33E-03	-1.20E-01	-2.25E-03	-1.20E-01	0.00E+00	0.00E+00	-2.32E+00	-8.05E-04	-1.20E-04	-5.78E-03	0.00E+00	0.00E+00	-3.55E-09	-1.19E-07	-2.31E-02	-2.20E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-1.79E+00	0.00E+00	8.44E-10	-2.89E-08	-1.89E-03	0.00E+00	-5.01E-01	0.00E+00	-1.79E+00	-4.73E-05	-1.79E+00	-2.18E+00	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NDN310A	-9.32E-03	-1.20E-01	-2.31E-03	-1.21E-01	0.00E+00	0.00E+00	-2.37E+00	-8.59E-04	-1.27E-04	-5.74E-03	0.00E+00	0.00E+00	-3.57E-09	-1.19E-07	-2.38E-02	-2.22E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.79E+00	0.00E+00	8.44E-10	-2.90E-08	-1.90E-03	0.00E+00	-5.01E-01	0.00E+00	-1.79E+00	-4.76E-05	-1.79E+00	-2.23E+00	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NDN310N	-6.48E-03	-1.32E-01	-4.23E-04	-1.52E-01	0.00E+00	0.00E+00	-1.75E+00	-1.05E-03	2.55E-04	-6.55E-03	0.00E+00	0.00E+00	-2.72E-09	-9.67E-08	-1.63E-02	-1.98E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-1.04E+00	0.00E+00	-1.41E-09	-2.46E-08	-2.02E-03	0.00E+00	-4.56E-01	0.00E+00	-1.04E+00	-2.41E-05	-1.04E+00	-1.05E+00	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NDN310P	-8.72E-03	-3.93E-01	-3.27E-03	-2.90E-01	0.00E+00	0.00E+00	-2.32E+00	-7.51E-04	-5.29E-05	-7.25E-03	0.00E+00	0.00E+00	-3.21E-09	-6.71E-08	-1.98E-02	-1.87E+00	0.00E+00	0.00E+00	-2.98E+00	0.00E+00	-2.15E+00	0.00E+00	-3.03E-09	-3.72E-08	-2.27E-03	0.00E+00	-5.18E-01	0.00E+00	-2.15E+00	-2.79E-05	-2.15E+00	-3.47E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NDN313	-9.50E-03	-1.25E-01	-2.12E-03	-1.22E-01	0.00E+00	0.00E+00	-2.34E+00	-7.68E-04	-1.36E-04	-5.25E-03	0.00E+00	0.00E+00	-3.51E-09	-1.36E-07	-2.26E-02	-2.18E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.74E+00	0.00E+00	7.77E-10	-2.93E-08	-1.79E-03	0.00E+00	-4.96E-01	0.00E+00	-1.74E+00	-4.74E-05	-1.74E+00	-2.17E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NDN316	-1.19E-02	-1.20E-01	-1.92E-03	-1.24E-01	0.00E+00	0.00E+00	-2.49E+00	-1.05E-03	1.57E-04	-5.47E-03	0.00E+00	0.00E+00	-3.78E-09	-9.87E-08	-2.29E-02	-2.23E+00	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	-2.13E+00	0.00E+00	1.07E-09	-3.19E-08	-2.03E-03	0.00E+00	-4.99E-01	0.00E+00	-2.13E+00	-5.45E-05	-2.13E+00	-2.59E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NDN316A	2.15E-04	4.10E-02	3.15E-03	3.79E-02	0.00E+00	0.00E+00	1.61E-01	-1.11E-04	8.45E-04	-1.97E-04	0.00E+00	0.00E+00	-2.13E-09	-8.37E-10	4.60E-03	-9.07E-01	0.00E+00	0.00E+00	-7.10E-01	0.00E+00	-9.12E-01	0.00E+00	3.22E-09	-1.42E-08	-6.15E-04	0.00E+00	-1.41E-01	0.00E+00	-9.12E-01	-5.29E-06	-9.12E-01	-1.05E+00	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.45E+01
NDN316N	-2.15E-02	-2.23E-01	-2.19E-03	-2.03E-01	0.00E+00	0.00E+00	-6.91E+00	-2.79E-03	-1.78E-03	-1.62E-02	0.00E+00	0.00E+00	-4.95E-09	-2.48E-07	-1.08E-02	-5.29E+00	0.00E+00	0.00E+00	-7.34E+00	0.00E+00	-2.26E+00	0.00E+00	-5.70E-09	-7.08E-08	-4.99E-03	0.00E+00	-1.05E+00	0.00E+00	-2.26E+00	-4.55E-05	-2.26E+00	-2.99E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.14E+02
NDN316P	-9.14E-03	-4.07E-01	-3.98E-03	-3.03E-01	0.00E+00	0.00E+00	-2.65E+00	-8.54E-04	-4.76E-06	-7.30E-03	0.00E+00	0.00E+00	-3.30E-09	-5.20E-08	-2.03E-02	-1.83E+00	0.00E+00	0.00E+00	-3.38E+00	0.00E+00	-2.43E+00	0.00E+00	-4.08E-09	-3.88E-08	-2.24E-03	0.00E+00	-5.40E-01	0.00E+00	-2.43E+00	-2.92E-05	-2.43E+00	-3.93E+00	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
NDN320	-1.09E-02	-1.21E-01	-2.13E-03	-1.20E-01	0.00E+00	0.00E+00	-3.23E+00	-1.21E-03	-2.37E-04	-8.28E-03	0.00E+00	0.00E+00	-4.27E-09	-1.10E-07	-2.54E-02	-2.24E+00	0.00E+00	0.00E+00	-3.62E+00	0.00E+00	-2.08E+00	0.00E+00	1.61E-09	-3.20E-08	-2.21E-03	0.00E+00	-4.90E-01	0.00E+00	-2.08E+00	-5.24E-05	-2.08E+00	-2.51E+00	-4.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
NDN320A	8.73E-04	-1.45E-01	4.23E-03	-1.49E-01	0.00E+00	0.00E+00	4.70E-01	-1.06E-04	1.44E-03	-1.52E-03	0.00E+00	0.00E+00	-1.94E-09	7.05E-09	4.04E-03	-1.55E+00	0.00E+00	0.00E+00	-3.64E-01	0.00E+00	-9.57E-01	0.00E+00	8.67E-10	-1.42E-08	-8.16E-04	0.00E+00	-2.07E-01	0.00E+00	-9.57E-01	-5.10E-06	-9.57E-01	-1.16E+00	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
NDN320N	-1.21E-02	-1.21E-01	-2.37E-04	-1.12E-01	0.00E+00	0.00E+00	-2.47E+00	-1.04E-03	1.38E-03	-9.66E-03	0.00E+00	0.00E+00	-3.26E-09	-1.73E-07	-1.19E-02	-1.98E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-1.30E+00	0.00E+00	-2.60E-09	-2.84E-08	-2.88E-03	0.00E+00	-4.52E-01	0.00E+00	-1.30E+00	-4.24E-05	-1.30E+00	-1.01E+00	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NDN320P	-1.85E-02	-4.34E-01	-4.75E-03	-3.56E-01	0.00E+00	0.00E+00	-3.51E+00	-1.72E-03	-4.36E-04	-1.10E-02	0.00E+00	0.00E+00	-4.09E-09	-1.68E-07	-1.87E-02	-2.50E+00	0.00E+00	0.00E+00	-3.93E+00	0.00E+00	-3.02E+00	0.00E+00	-6.38E-09	-4.52E-08	-3.50E-03	0.00E+00	-6.55E-01	0.00E+00	-3.02E+00	-5.29E-05	-3.02E+00	-4.41E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
NDN325	-2.39E-02	1.86E-01	2.79E-03	1.83E-01	0.00E+00	0.00E+00	-3.96E+00	-2.48E-03	-8.20E-04	-1.08E-02	0.00E+00	0.00E+00	-2.94E-09	-2.86E-07	9.50E-03	-2.44E+00	0.00E+00	0.00E+00	-3.58E+00	0.00E+00	8.46E-01	0.00E+00	1.30E-08	-3.67E-08	-3.20E-03	0.00E+00	-3.61E-01	0.00E+00	8.46E-01	-7.18E-05	8.46E-01	4.85E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
NDN325A	2.20E-03	1.23E-01	9.86E-03	1.13E-01	0.00E+00	0.00E+00	2.29E+00	-4.16E-05	1.67E-03	1.17E-03	0.00E+00	0.00E+00	-2.62E-10	1.55E-08	1.33E-02	-8.95E-01	0.00E+00	0.00E+00	1.24E+00	0.00E+00	2.23E+00	0.00E+00	1.93E-08	5.07E-09	3.13E-04	0.00E+00	5.06E-02	0.00E+00	2.23E+00	-1.89E-06	2.23E+00	2.28E+00	5.06E-02	0.00E+00	0.00E+00	0.00E+00	4.08E+01
NDN325N	-1.25E-02	-8.64E-02	-1.80E-04	-8.22E-02	0.00E+00	0.00E+00	-2.65E+00	-1.12E-03	1.35E-03	-1.05E-02	0.00E+00	0.00E+00	-3.33E-09	-1.63E-07	-1.17E-02	-1.95E+00	0.00E+00	0.00E+00	-2.35E+00	0.00E+00	-1.27E+00	0.00E+00	-2.97E-09	-3.16E-08	-3.15E-03	0.00E+00	-4.67E-01	0.00E+00	-1.27E+00	-4.42E-05	-1.27E+00	-1.02E+00	-4.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NDN325P	-2.12E-02	-4.31E-01	-5.03E-03	-3.52E-01	0.00E+00	0.00E+00	-3.76E+00	-1.82E-03	-6.19E-04	-1.21E-02	0.00E+00	0.00E+00	-4.12E-09	-2.08E-07	-1.89E-02	-2.60E+00	0.00E+00	0.00E+00	-4.01E+00	0.00E+00	-2.99E+00	0.00E+00	-7.06E-09	-5.24E-08	-3.83E-03	0.00E+00	-6.73E-01	0.00E+00	-2.99E+00	-5.76E-05	-2.99E+00	-4.42E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
NDN332	1.07E-03	-2.50E-01	3.72E-03	-2.53E-01	0.00E+00	0.00E+00	2.95E-01	-1.15E-04	1.89E-03	-2.41E-03	0.00E+00	0.00E+00	-2.20E-09	1.09E-08	-3.00E-02	-1.57E+00	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-1.94E+00	0.00E+00	-2.51E-09	-1.93E-08	-1.08E-03	0.00E+00	-4.24E-01	0.00E+00	-1.94E+00	-5.68E-06	-1.94E+00	-2.36E+00	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
NDN332A	-3.19E-02	2.06E-01	2.00E-03	2.04E-01	0.00E+00	0.00E+00	-5.89E+00	-3.30E-03	-1.11E-03	-1.48E-02	0.00E+00	0.00E+00	-3.67E-09	-3.81E-07	-2.34E-02	-2.40E+00	0.00E+00	0.00E+00	-5.16E+00	0.00E+00	1.66E-01	0.00E+00	1.27E-08	-5.13E-08	-4.36E-03	0.00E+00	-5.60E-01	0.00E+00	1.66E-01	-9.44E-05	1.66E-01	-3.94E-01	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+02
NDN332N	-1.44E-02	-1.47E-01	-2.23E-03	-2.04E-01	0.00E+00	0.00E+00	-2.31E+00	-1.47E-03	-8.51E-05	-8.46E-03	0.00E+00	0.00E+00	-4.16E-09	-2.47E-07	-1.07E-02	-2.44E+00	0.00E+00	0.00E+00	-2.55E+00	0.00E+00	-7.18E-01	0.00E+00	-1.13E-10	-2.80E-08	-3.68E-03	0.00E+00	-5.05E-01	0.00E+00	-7.18E-01	-6.24E-05	-7.18E-01	-9.19E-01	-5.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NDN332P	-1.73E-02	-4.62E-01	-6.28E-03	-3.29E-01	0.00E+00	0.00E+00	-3.35E+00	-1.65E-03	-5.83E-04	-1.18E-02	0.00E+00	0.00E+00	-4.54E-09	-3.25E-07	-1.31E-02	-3.57E+00	0.00E+00	0.00E+00	-4.11E+00	0.00E+00	-2.93E+00	0.00E+00	-5.35E-09	-5.18E-08	-4.03E-03	0.00E+00	-7.77E-01	0.00E+00	-2.93E+00	-6.84E-05	-2.93E+00	-3.82E+00	-7.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NDN340	-1.45E-02	-3.65E-02	-4.21E-03	-1.71E-02	0.00E+00	0.00E+00	-3.23E+00	-1.83E-03	-9.49E-04	-9.87E-03	0.00E+00	0.00E+00	-3.99E-09	-2.77E-07	-8.90E-03	-2.06E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	-1.20E+00	0.00E+00	-9.22E-10	-3.27E-08	-3.78E-03	0.00E+00	-4.02E-01	0.00E+00	-1.20E+00	-6.98E-05	-1.20E+00	-1.75E+00	-4.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
NDN340A	4.36E-03	4.10E-01	1.51E-02	3.95E-01	0.00E+00	0.00E+00	2.89E+00	-4.03E-05	3.14E-03	3.55E-03	0.00E+00	0.00E+00	1.39E-10	2.95E-08	-1.46E-02	7.60E-02	0.00E+00	0.00E+00	1.80E+00	0.00E+00	3.05E+00	0.00E+00	3.02E-08	1.07E-08	9.54E-04	0.00E+00	1.09E-01	0.00E+00	3.05E+00	-1.34E-06	3.05E+00	3.16E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NDN340N	-1.50E-02	-1.65E-01	-1.84E-03	-2.27E-01	0.00E+00	0.00E+00	-2.79E+00	-1.50E-03	-3.03E-04	-1.04E-02	0.00E+00	0.00E+00	-3.71E-09	-2.19E-07	-1.24E-02	-2.55E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-8.60E-01	0.00E+00	-1.90E-09	-3.48E-08	-3.94E-03	0.00E+00	-5.09E-01	0.00E+00	-8.60E-01	-5.46E-05	-8.60E-01	-1.10E+00	-5.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
NDN340P	-1.88E-02	-4.63E-01	-5.81E-03	-3.41E-01	0.00E+00	0.00E+00	-3.76E+00	-1.70E-03	-6.94E-04	-1.26E-02	0.00E+00	0.00E+00	-4.30E-09	-2.81E-07	-1.46E-02	-3.72E+00	0.00E+00	0.00E+00	-4.24E+00	0.00E+00	-2.94E+00	0.00E+00	-6.12E-09	-5.05E-08	-3.97E-03	0.00E+00	-7.69E-01	0.00E+00	-2.94E+00	-6.11E-05	-2.94E+00	-3.98E+00	-7.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
NDN350	-2.36E-02	4.00E-03	-5.43E-03	-6.76E-02	0.00E+00	0.00E+00	-6.73E+00	-3.57E-03	-1.37E-03	-1.77E-02	0.00E+00	0.00E+00	-5.76E-09	-4.11E-07	-3.21E-03	-2.25E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-1.41E+00	0.00E+00	-2.43E-10	-3.42E-08	-4.74E-03	0.00E+00	-6.27E-01	0.00E+00	-1.41E+00	-1.07E-04	-1.41E+00	-2.01E+00	-6.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.36E+02
NDN350A	-4.80E-02	-3.01E-01	-1.11E-02	-2.90E-01	0.00E+00	0.00E+00	-1.21E+01	-4.77E-03	-2.09E-03	-2.67E-02	0.00E+00	0.00E+00	-8.11E-09	-5.56E-07	-4.08E-02	-4.71E+00	0.00E+00	0.00E+00	-1.11E+01	0.00E+00	-5.78E+00	0.00E+00	-2.11E-08	-1.06E-07	-8.21E-03	0.00E+00	-1.32E+00	0.00E+00	-5.78E+00	-1.40E-04	-5.78E+00	-7.10E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-4.74E+02
NDN350N	-1.66E-02	-1.37E-01	-2.33E-03	-2.06E-01	0.00E+00	0.00E+00	-4.53E+00	-2.30E-03	-3.37E-04	-1.24E-02	0.00E+00	0.00E+00	-4.97E-09	-2.58E-07	-1.07E-02	-2.52E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	-7.24E-01	0.00E+00	5.60E-10	-2.78E-08	-3.70E-03	0.00E+00	-5.67E-01	0.00E+00	-7.24E-01	-7.43E-05	-7.24E-01	-9.69E-01	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
NDN350P	-2.19E-02	-4.64E-01	-6.22E-03	-3.24E-01	0.00E+00	0.00E+00	-4.89E+00	-2.77E-03	-9.51E-04	-1.55E-02	0.00E+00	0.00E+00	-5.11E-09	-3.25E-07	-1.30E-02	-3.65E+00	0.00E+00	0.00E+00	-4.75E+00	0.00E+00	-2.97E+00	0.00E+00	-5.04E-09	-5.10E-08	-4.06E-03	0.00E+00	-7.65E-01	0.00E+00	-2.97E+00	-8.05E-05	-2.97E+00	-4.00E+00	-7.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
NDN363	-4.63E-02	4.87E-02	-3.03E-03	5.17E-02	0.00E+00	0.00E+00	-9.81E+00	-4.72E-03	-1.80E-03	-2.33E-02	0.00E+00	0.00E+00	-5.87E-09	-5.48E-07	3.35E-03	-4.43E+00	0.00E+00	0.00E+00	-8.25E+00	0.00E+00	-1.28E+00	0.00E+00	1.80E-09	-7.93E-08	-6.77E-03	0.00E+00	-8.52E-01	0.00E+00	-1.28E+00	-1.36E-04	-1.28E+00	-2.13E+00	-8.52E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+02
NDN363A	-4.90E-02	-6.61E-01	-1.38E-02	-6.47E-01	0.00E+00	0.00E+00	-1.24E+01	-4.80E-03	-2.34E-03	-2.96E-02	0.00E+00	0.00E+00	-8.32E-09	-5.60E-07	-4.50E-02	-5.82E+00	0.00E+00	0.00E+00	-1.16E+01	0.00E+00	-6.87E+00	0.00E+00	-3.16E-08	-1.12E-07	-8.90E-03	0.00E+00	-1.54E+00	0.00E+00	-6.87E+00	-1.41E-04	-6.87E+00	-8.41E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	-4.90E+02

NDN363N	-1.83E-02	-1.47E-01	-2.39E-03	-1.96E-01	0.00E+00	0.00E+00	-6.15E+00	-2.32E-03	-3.45E-04	-1.38E-02	0.00E+00	0.00E+00	-5.16E-09	-3.39E-07	-1.10E-02	-2.65E+00	0.00E+00	0.00E+00	-4.33E+00	0.00E+00	-1.62E+00	0.00E+00	3.67E-10	-3.38E-08	-3.94E-03	0.00E+00	-6.58E-01	0.00E+00	-1.62E+00	-7.54E-05	-1.62E+00	-2.31E+00	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
NDN363P	-2.17E-02	-4.52E-01	-6.07E-03	-3.33E-01	0.00E+00	0.00E+00	-6.12E+00	-2.40E-03	-9.31E-04	-1.60E-02	0.00E+00	0.00E+00	-5.36E-09	-3.60E-07	-1.29E-02	-3.73E+00	0.00E+00	0.00E+00	-5.47E+00	0.00E+00	-3.47E+00	0.00E+00	-4.52E-09	-5.61E-08	-4.36E-03	0.00E+00	-7.98E-01	0.00E+00	-3.47E+00	-7.95E-05	-3.47E+00	-4.63E+00	-7.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
NDN400	-1.96E-02	-1.64E-01	-5.42E-03	-4.46E-02	0.00E+00	0.00E+00	-4.83E+00	-1.91E-03	6.84E-07	-9.63E-03	0.00E+00	0.00E+00	-3.80E-09	-1.86E-07	-7.38E-03	-2.28E+00	0.00E+00	0.00E+00	-4.94E+00	0.00E+00	-2.47E+00	0.00E+00	-8.74E-09	-5.25E-08	-3.41E-03	0.00E+00	-7.55E-01	0.00E+00	-2.47E+00	-5.20E-05	-2.47E+00	-3.32E+00	-7.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NDN400N	-1.48E-02	-1.76E-01	-2.79E-03	-2.54E-01	0.00E+00	0.00E+00	-5.01E+00	-1.85E-03	8.60E-04	-9.64E-03	0.00E+00	0.00E+00	-3.67E-09	-1.44E-07	-1.20E-02	-3.63E+00	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-1.53E+00	0.00E+00	-1.15E-08	-3.88E-08	-2.84E-03	0.00E+00	-8.11E-01	0.00E+00	-1.53E+00	-3.13E-05	-1.53E+00	-2.65E+00	-8.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NDN401	-1.94E-02	-1.19E-01	-5.39E-03	-2.69E-02	0.00E+00	0.00E+00	-4.55E+00	-1.89E-03	-1.35E-04	-8.61E-03	0.00E+00	0.00E+00	-3.87E-09	-1.73E-07	-5.65E-03	-2.83E+00	0.00E+00	0.00E+00	-4.32E+00	0.00E+00	-2.19E+00	0.00E+00	-8.49E-09	-5.06E-08	-3.39E-03	0.00E+00	-8.56E-01	0.00E+00	-2.19E+00	-5.18E-05	-2.19E+00	-2.83E+00	-8.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+02
NDN401N	-1.53E-02	-1.47E-01	-3.20E-03	-2.27E-01	0.00E+00	0.00E+00	-4.99E+00	-1.84E-03	-6.28E-05	-8.70E-03	0.00E+00	0.00E+00	-3.62E-09	-1.44E-07	-1.15E-02	-2.97E+00	0.00E+00	0.00E+00	-4.92E+00	0.00E+00	-1.42E+00	0.00E+00	-1.15E-08	-3.76E-08	-2.77E-03	0.00E+00	-7.98E-01	0.00E+00	-1.42E+00	-3.32E-05	-1.42E+00	-2.32E+00	-7.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+02
NDN402	-1.98E-02	-1.76E-01	-5.02E-03	-6.22E-02	0.00E+00	0.00E+00	-5.00E+00	-1.77E-03	-4.26E-04	-9.66E-03	0.00E+00	0.00E+00	-3.97E-09	-2.36E-07	-6.45E-03	-2.37E+00	0.00E+00	0.00E+00	-5.09E+00	0.00E+00	-2.48E+00	0.00E+00	-6.99E-09	-5.66E-08	-3.81E-03	0.00E+00	-6.87E-01	0.00E+00	-2.48E+00	-6.28E-05	-2.48E+00	-3.16E+00	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NDN402A	-2.61E-02	-1.73E-01	-4.20E-03	-7.22E-02	0.00E+00	0.00E+00	-5.67E+00	-2.47E-03	8.09E-04	-1.25E-02	0.00E+00	0.00E+00	-4.28E-09	-2.46E-07	-5.81E-03	-3.21E+00	0.00E+00	0.00E+00	-5.81E+00	0.00E+00	-2.85E+00	0.00E+00	-9.25E-09	-5.91E-08	-4.30E-03	0.00E+00	-8.77E-01	0.00E+00	-2.85E+00	-6.28E-05	-2.85E+00	-3.57E+00	-8.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+02
NDN402N	-2.07E-02	-1.82E-01	-3.05E-03	-2.66E-01	0.00E+00	0.00E+00	-5.47E+00	-2.18E-03	-1.22E-04	-1.20E-02	0.00E+00	0.00E+00	-4.07E-09	-1.93E-07	-1.13E-02	-3.01E+00	0.00E+00	0.00E+00	-5.30E+00	0.00E+00	-1.85E+00	0.00E+00	-1.19E-08	-4.43E-08	-3.76E-03	0.00E+00	-8.53E-01	0.00E+00	-1.85E+00	-4.66E-05	-1.85E+00	-2.79E+00	-8.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
NDN403	-2.04E-02	-1.41E-01	-5.01E-03	-6.10E-02	0.00E+00	0.00E+00	-4.70E+00	-1.81E-03	-4.06E-04	-9.15E-03	0.00E+00	0.00E+00	-4.00E-09	-2.20E-07	-5.11E-03	-2.15E+00	0.00E+00	0.00E+00	-4.33E+00	0.00E+00	-2.25E+00	0.00E+00	-7.11E-09	-5.94E-08	-4.01E-03	0.00E+00	-6.87E-01	0.00E+00	-2.25E+00	-6.19E-05	-2.25E+00	-2.80E+00	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
NDN403N	-2.12E-02	-1.83E-01	-3.16E-03	-2.67E-01	0.00E+00	0.00E+00	-5.58E+00	-2.24E-03	-1.39E-04	-1.22E-02	0.00E+00	0.00E+00	-4.08E-09	-2.00E-07	-1.14E-02	-3.02E+00	0.00E+00	0.00E+00	-5.44E+00	0.00E+00	-1.85E+00	0.00E+00	-1.20E-08	-4.67E-08	-3.99E-03	0.00E+00	-8.61E-01	0.00E+00	-1.85E+00	-4.75E-05	-1.85E+00	-2.79E+00	-8.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
NDN404	-2.27E-02	-1.73E-01	-6.54E-03	-3.57E-02	0.00E+00	0.00E+00	-5.26E+00	-1.93E-03	-6.21E-04	-1.22E-02	0.00E+00	0.00E+00	-4.05E-09	-2.71E-07	-6.56E-03	-2.38E+00	0.00E+00	0.00E+00	-5.18E+00	0.00E+00	-2.44E+00	0.00E+00	-7.46E-09	-6.85E-08	-5.01E-03	0.00E+00	-7.47E-01	0.00E+00	-2.44E+00	-7.17E-05	-2.44E+00	-3.21E+00	-7.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NDN404A	-2.96E-02	-1.71E-01	-6.06E-03	-6.40E-02	0.00E+00	0.00E+00	-5.82E+00	-2.62E-03	-4.19E-04	-1.49E-02	0.00E+00	0.00E+00	-4.37E-09	-2.76E-07	-6.25E-03	-3.16E+00	0.00E+00	0.00E+00	-6.18E+00	0.00E+00	-2.84E+00	0.00E+00	-9.75E-09	-7.21E-08	-5.61E-03	0.00E+00	-1.01E+00	0.00E+00	-2.84E+00	-6.72E-05	-2.84E+00	-3.58E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.42E+02
NDN404N	-2.12E-02	-1.80E-01	-4.67E-03	-2.51E-01	0.00E+00	0.00E+00	-5.78E+00	-2.23E-03	-5.52E-05	-1.31E-02	0.00E+00	0.00E+00	-4.18E-09	-2.16E-07	-1.22E-02	-2.99E+00	0.00E+00	0.00E+00	-5.58E+00	0.00E+00	-1.85E+00	0.00E+00	-1.20E-08	-5.00E-08	-4.57E-03	0.00E+00	-9.05E-01	0.00E+00	-1.85E+00	-4.98E-05	-1.85E+00	-2.72E+00	-9.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NDN406	-1.56E-02	-1.96E-01	-4.94E-03	-4.38E-02	0.00E+00	0.00E+00	-3.02E+00	-1.51E-03	-2.81E-04	-8.49E-03	0.00E+00	0.00E+00	-3.52E-09	-1.71E-07	-7.11E-03	-2.35E+00	0.00E+00	0.00E+00	-3.78E+00	0.00E+00	-2.07E+00	0.00E+00	-1.29E-09	-4.38E-08	-3.03E-03	0.00E+00	-5.24E-01	0.00E+00	-2.07E+00	-5.14E-05	-2.07E+00	-2.56E+00	-5.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NDN406A	-1.56E-02	-2.14E-01	-5.35E-03	-5.88E-02	0.00E+00	0.00E+00	-3.12E+00	-1.60E-03	-3.23E-04	-8.79E-03	0.00E+00	0.00E+00	-3.79E-09	-1.68E-07	-7.29E-03	-3.32E+00	0.00E+00	0.00E+00	-4.04E+00	0.00E+00	-2.15E+00	0.00E+00	-2.20E-09	-4.39E-08	-3.13E-03	0.00E+00	-6.76E-01	0.00E+00	-2.15E+00	-5.20E-05	-2.15E+00	-2.77E+00	-6.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
NDN406N	-1.05E-02	-1.82E-01	-3.25E-03	-2.46E-01	0.00E+00	0.00E+00	-3.94E+00	-1.43E-03	1.40E-05	-7.41E-03	0.00E+00	0.00E+00	-3.57E-09	-1.01E-07	-1.15E-02	-2.99E+00	0.00E+00	0.00E+00	-3.91E+00	0.00E+00	-1.28E+00	0.00E+00	-1.06E-08	-3.59E-08	-2.76E-03	0.00E+00	-6.98E-01	0.00E+00	-1.28E+00	-2.92E-05	-1.28E+00	-2.22E+00	-6.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
NDN406P	-1.40E-02	-4.69E-01	-5.55E-03	-3.30E-01	0.00E+00	0.00E+00	-4.93E+00	-1.45E-03	-2.98E-04	-1.08E-02	0.00E+00	0.00E+00	-4.12E-09	-1.62E-07	-1.36E-02	-4.23E+00	0.00E+00	0.00E+00	-5.33E+00	0.00E+00	-3.81E+00	0.00E+00	-1.12E-08	-4.85E-08	-3.15E-03	0.00E+00	-8.48E-01	0.00E+00	-3.81E+00	-3.82E-05	-3.81E+00	-5.34E+00	-8.48E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
NDN410	-1.25E-02	-2.62E-01	-6.41E-04	-2.27E-01	0.00E+00	0.00E+00	-2.03E+00	-7.96E-04	-1.69E-04	-8.93E-03	0.00E+00	0.00E+00	-3.35E-09	-1.40E-07	-1.65E-02	-2.68E+00	0.00E+00	0.00E+00	-3.23E+00	0.00E+00	-1.65E+00	0.00E+00	6.04E-09	-3.45E-08	-3.49E-03	0.00E+00	-6.22E-01	0.00E+00	-1.65E+00	-3.46E-05	-1.65E+00	-1.56E+00	-6.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
NDN410A	-1.88E-02	-2.48E-01	-4.29E-03	-9.23E-02	0.00E+00	0.00E+00	-3.44E+00	-1.63E-03	-3.14E-04	-1.19E-02	0.00E+00	0.00E+00	-3.98E-09	-1.97E-07	-6.60E-03	-3.55E+00	0.00E+00	0.00E+00	-4.36E+00	0.00E+00	-2.72E+00	0.00E+00	-2.12E-09	-4.88E-08	-3.72E-03	0.00E+00	-6.81E-01	0.00E+00	-2.72E+00	-6.19E-05	-2.72E+00	-3.03E+00	-6.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
NDN410N	-7.45E-03	-1.51E-01	-2.16E-03	-1.63E-01	0.00E+00	0.00E+00	-3.68E+00	-8.55E-04	2.83E-04	-8.35E-03	0.00E+00	0.00E+00	-3.59E-09	-9.72E-08	-8.44E-03	-2.04E+00	0.00E+00	0.00E+00	-3.40E+00	0.00E+00	-1.49E+00	0.00E+00	-8.96E-09	-3.64E-08	-2.74E-03	0.00E+00	-5.74E-01	0.00E+00	-1.49E+00	-2.16E-05	-1.49E+00	-1.68E+00	-5.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NDN410P	-1.28E-02	-4.37E-01	-5.91E-03	-3.63E-01	0.00E+00	0.00E+00	-3.50E+00	-1.28E-03	-3.32E-04	-1.10E-02	0.00E+00	0.00E+00	-4.21E-09	-1.40E-07	-1.32E-02	-3.11E+00	0.00E+00	0.00E+00	-4.11E+00	0.00E+00	-3.56E+00	0.00E+00	-7.56E-09	-4.41E-08	-3.43E-03	0.00E+00	-6.69E-01	0.00E+00	-3.56E+00	-4.03E-05	-3.56E+00	-5.15E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
NDN413	-2.06E-02	-2.37E-01	-4.34E-03	-9.83E-02	0.00E+00	0.00E+00	-3.59E+00	-1.73E-03	-4.98E-04	-1.08E-02	0.00E+00	0.00E+00	-4.02E-09	-2.05E-07	-7.01E-03	-3.33E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-2.55E+00	0.00E+00	-1.84E-09	-5.32E-08	-4.06E-03	0.00E+00	-6.94E-01	0.00E+00	-2.55E+00	-6.45E-05	-2.55E+00	-2.81E+00	-6.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
NDN416	-7.57E-04	-1.41E-01	-1.18E-04	-1.41E-01	0.00E+00	0.00E+00	-6.45E-01	-1.72E-04	9.65E-04	-2.09E-03	0.00E+00	0.00E+00	-3.84E-09	-5.45E-09	-4.13E-02	-1.83E+00	0.00E+00	0.00E+00	-3.02E+00	0.00E+00	-3.51E+00	0.00E+00	-5.71E-09	-3.22E-08	-1.48E-03	0.00E+00	-6.68E-01	0.00E+00	-3.51E+00	-8.96E-06	-3.51E+00	-4.18E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NDN416A	2.89E-03	5.67E-01	1.60E-02	5.51E-01	0.00E+00	0.00E+00	3.68E+00	-3.26E-05	1.57E-03	4.89E-03	0.00E+00	0.00E+00	6.45E-10	1.50E-08	2.37E-02	-2.06E-01	0.00E+00	0.00E+00	2.83E+00	0.00E+00	4.88E+00	0.00E+00	3.89E-08	1.81E-08	1.31E-03	0.00E+00	3.31E-01	0.00E+00	4.88E+00	-4.46E-07	4.88E+00	5.21E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN416N	-1.26E-02	-1.28E-01	-2.66E-03	-1.40E-01	0.00E+00	0.00E+00	-4.37E+00	-1.34E-03	4.68E-04	-1.18E-02	0.00E+00	0.00E+00	-3.54E-09	-1.25E-07	-8.57E-03	-2.09E+00	0.00E+00	0.00E+00	-3.81E+00	0.00E+00	-1.25E+00	0.00E+00	-9.98E-09	-3.94E-08	-3.31E-03	0.00E+00	-6.89E-01	0.00E+00	-1.25E+00	-2.96E-05	-1.25E+00	-1.45E+00	-6.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
NDN416P	-1.91E-02	-4.44E-01	-7.07E-03	-3.57E-01	0.00E+00	0.00E+00	-4.50E+00	-1.71E-03	-7.59E-04	-1.38E-02	0.00E+00	0.00E+00	-4.53E-09	-2.30E-07	-1.32E-02	-3.31E+00	0.00E+00	0.00E+00	-4.40E+00	0.00E+00	-3.38E+00	0.00E+00	-7.03E-09	-5.58E-08	-4.45E-03	0.00E+00	-7.65E-01	0.00E+00	-3.38E+00	-5.65E-05	-3.38E+00	-5.02E+00	-7.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NDN420	-2.45E-02	-2.49E-01	-6.43E-03	-7.79E-02	0.00E+00	0.00E+00	-5.45E+00	-1.91E-03	-6.18E-04	-1.40E-02	0.00E+00	0.00E+00	-4.22E-09	-2.82E-07	-7.18E-03	-3.67E+00	0.00E+00	0.00E+00	-5.53E+00	0.00E+00	-2.73E+00	0.00E+00	-8.36E-09	-7.11E-08	-5.64E-03	0.00E+00	-8.80E-01	0.00E+00	-2.73E+00	-7.47E-05	-2.73E+00	-3.29E+00	-8.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
NDN420A	-2.45E-02	-2.52E-01	-6.49E-03	-7.79E-02	0.00E+00	0.00E+00	-5.50E+00	-2.01E-03	-7.44E-04	-1.43E-02	0.00E+00	0.00E+00	-4.24E-09	-2.79E-07	-6.85E-03	-3.74E+00	0.00E+00	0.00E+00	-5.54E+00	0.00E+00	-2.73E+00	0.00E+00	-8.59E-09	-7.16E-08	-5.70E-03	0.00E+00	-8.89E-01	0.00E+00	-2.73E+00	-7.59E-05	-2.73E+00	-3.29E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
NDN420N	-1.32E-02	-8.89E-02	-2.36E-03	-7.47E-02	0.00E+00	0.00E+00	-4.61E+00	-1.62E-03	2.12E-03	-1.25E-02	0.00E+00	0.00E+00	-3.61E-09	-1.65E-07	-6.95E-03	-2.45E+00	0.00E+00	0.00E+00	-3.93E+00	0.00E+00	-1.10E+00	0.00E+00	-9.33E-09	-3.90E-08	-3.17E-03	0.00E+00	-7.14E-01	0.00E+00	-1.10E+00	-3.33E-05	-1.10E+00	-1.36E+00	-7.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
NDN420P	-2.08E-02	-4.47E-01	-7.12E-03	-3.58E-01	0.00E+00	0.00E+00	-5.61E+00	-1.80E-03	-6.03E-04	-1.34E-02	0.00E+00	0.00E+00	-4.52E-09	-2.32E-07	-1.25E-02	-3.15E+00	0.00E+00	0.00E+00	-5.38E+00	0.00E+00	-3.64E+00	0.00E+00	-1.17E-08	-6.28E-08	-4.47E-03	0.00E+00	-8.41E-01	0.00E+00	-3.64E+00	-5.66E-05	-3.64E+00	-5.26E+00	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
NDN425	3.05E-03	1.67E-01	1.42E-02	1.53E-01	0.00E+00	0.00E+00	3.21E+00	-5.45E-05	2.23E-03	1.59E-03	0.00E+00	0.00E+00	2.41E-11	2.13E-08	1.82E-02	-4.29E-01	0.00E+00	0.00E+00	2.29E+00	0.00E+00	3.21E+00	0.00E+00	2.62E-08	8.70E-09	4.52E-04	0.00E+00	2.36E-01	0.00E+00	3.21E+00	-1.87E-06	3.21E+00	3.44E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
NDN425A	-3.06E-02	-1.97E-01	-6.50E-03	-8.27E-02	0.00E+00	0.00E+00	-3.55E+00	-2.69E-03	-5.73E-05	-1.24E-02	0.00E+00	0.00E+00	-4.93E-09	-2.30E-07	-3.49E-03	-3.24E+00	0.00E+00	0.00E+00	-4.19E+00	0.00E+00	-2.19E+00	0.00E+00	-6.87E-09	-6.91E-08	-5.25E-03	0.00E+00	-9.73E-01	0.00E+00	-2.19E+00	-5.13E-05	-2.19E+00	-2.98E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NDN425N	-1.14E-02	-4.39E-02	-2.07E-03	-4.67E-02	0.00E+00	0.00E+00	-1.45E+00	-1.19E-03	2.15E-03	-1.16E-02	0.00E+00	0.00E+00	-3.19E-09	-1.78E-07	-6.88E-03	-2.36E+00	0.00E+00	0.00E+00	-2.25E+00	0.00E+00	-9.21E-01	0.00E+00	-8.43E-09	-3.45E-08	-2.18E-03	0.00E+00	-7.36E-01	0.00E+00	-9.21E-01	-5.05E-05	-9.21E-01	-1.32E+00	-7.36E-01	0.00E+00	0.00E+00	0.00E+00	-9.82E+01
NDN425P	-2.41E-02	-4.21E-01	-7.32E-03	-2.86E-01	0.00E+00	0.00E+00	-4.92E+00	-2.28E-03	-4.69E-04	-1.39E-02	0.00E+00	0.00E+00	-5.02E-09	-2.81E-07	-1.15E-02	-2.66E+00	0.00E+00	0.00E+00	-4.89E+00	0.00E+00	-3.80E+00	0.00E+00	-1.04E-08	-6.08E-08	-4.52E-03	0.00E+00	-8.10E-01	0.00E+00	-3.80E+00	-7.26E-05	-3.80E+00	-5.20E+00	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+02
NDN432	-3.57E-02	-8.35E-02	-6.24E-03	-1.04E-01	0.00E+00	0.00E+00	-7.11E+00	-3.40E-03	1.16E-03	-1.87E-02	0.00E+00	0.00E+00	-5.83E-09	-2.82E-07	-7.44E-04	-3.41E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-2.34E+00	0.00E+00	-9.93E-09	-6.43E-08	-4.94E-03	0.00E+00	-1.03E+00	0.00E+00	-2.34E+00	-8.07E-05	-2.34E+00	-3.04E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.64E+02
NDN432A	4.57E-03	2.88E-01	1.83E-02	2.70E-01	0.00E+00	0.00E+00	4.09E+00	-3.16E-05	3.05E-03	2.86E-03	0.00E+00	0.00E+00	7.24E-10	3.20E-08	2.27E-02	-2.68E-01	0.00E+00	0.00E+00	3.33E+00	0.00E+00	4.72E+00	0.00E+00	3.55E-08	1.78E-08	9.90E-04	0.00E+00	3.62E-01	0.00E+00	4.72E+00	-5.58E-07	4.72E+00	5.08E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
NDN432N	-3.22E-02	-1.61E-01	-4.59E-03	-2.53E-01	0.00E+00	0.00E+00	-7.54E+00	-3.49E-03	-1.22E-03	-2.07E-02	0.00E+00	0.00E+00	-6.55E-09	-2.96E-07	-1.14E-02	-4.03E+00	0.00E+00	0.00E+00	-6.62E+00	0.00E+00	-1.89E+00	0.00E+00	-1.13E-08	-7.47E-08	-4.12E-03	0.00E+00	-1.02E+00	0.00E+00	-1.89E+00	-9.15E-05	-1.89E+00	-3.00E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E+02
NDN432P	-2.82E-02	-4.68E-01	-7.62E-03	-3.46E-01	0.00E+00	0.00E+00	-7.66E+00	-3.17E-03	7.43E-04	-1.86E-02	0.00E+00	0.00E+00	-6.63E-09	-3.06E-07	-1.34E-02	-4.63E+00	0.00E+00	0.00E+00	-7.43E+00	0.00E+00	-4.33E+00	0.00E+00	-1.29E-08	-6.27E-08	-4.40E-03	0.00E+00	-9.98E-01	0.00E+00	-4.33E+00	-7.59E-05	-4.33E+00	-6.09E+00	-9.98E-01	0.00E+00	0.00E+00	0.00E+00	-3.00E+02
NDN440	-3.63E-02	-1.09E-01	-6.68E-03	-9.12E-02	0.00E+00	0.00E+00	-6.93E+00	-3.78E-03	1.18E-03	-1.90E-02	0.00E+00	0.00E+00	-5.67E-09	-3.12E-07	-1.80E-03	-3.39E+00	0.00E+00	0.00E+00	-6.34E+00	0.00E+00	-2.37E+00	0.00E+00	-9.29E-09	-6.43E-08	-5.06E-03	0.00E+00	-1.02E+00	0.00E+00	-2.37E+00	-8.19E-05	-2.37E+00	-3.18E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
NDN440A	-5.97E-02	-3.32E-01	-6.10E-03	-3.26E-01	0.00E+00	0.00E+00	-1.25E+01	-5.99E-03	-2.54E-03	-3.26E-02	0.00E+00	0.00E+00	-7.41E-09	-6.96E-07	-4.16E-02	-6.42E+00	0.00E+00	0.00E+00	-1.11E+01	0.00E+00	-3.04E+00	0.00E+00	-6.92E-09	-1.08E-07	-9.31E-03	0.00E+00	-1.46E+00	0.00E+00	-3.04E+00	-1.73E-04	-3.04E+00	-4.50E+00	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-4.83E+02
NDN440N	-3.21E-02	-1.63E-01	-4.72E-03	-2.58E-01	0.00E+00	0.00E+00	-7.27E+00	-3.48E-03	-1.30E-03	-2.06E-02	0.00E+00	0.00E+00	-6.47E-09	-3.11E-07	-1.15E-02	-4.02E+00	0.00E+00	0.00E+00	-6.49E+00	0.00E+00	-1.89E+00	0.00E+00	-1.13E-08	-7.33E-08	-4.24E-03	0.00E+00	-1.02E+00	0.00E+00	-1.89E+00	-8.93E-05	-1.89E+00	-2.97E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E+02
NDN440P	-3.70E-02	-4.79E-01	-7.95E-03	-3.49E-01	0.00E+00	0.00E+00	-7.75E+00	-3.89E-03	-1.56E-03	-2.36E-02	0.00E+00	0.00E+00	-7.26E-09	-3.80E-07	-1.36E-02	-5.39E+00	0.00E+00	0.00E+00	-7.77E+00	0.00E+00	-4.43E+00	0.00E+00	-1.28E-08	-9.55E-08	-4.59E-03	0.00E+00	-1.00E+00	0.00E+00	-4.43E+00	-9.45E-05	-4.43E+00	-6.12E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
NDN450	-3.57E-02	-1.50E-01	-6.75E-03	-1.39E-01	0.00E+00	0.00E+00	-9.14E+00	-4.07E-03	7.68E-04	-2.30E-02	0.00E+00	0.00E+00	-7.18E-09	-3.79E-07	-4.40E-03	-3.51E+00	0.00E+00	0.00E+00	-8.02E+00	0.00E+00	-3.40E+00	0.00E+00	-9.52E-09	-7.19E-08	-5.31E-03	0.00E+00	-1.05E+00	0.00E+00	-3.40E+00	-8.71E-05	-3.40E+00	-4.38E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
NDN450A	-6.29E-02	-2.15E-01	-1.04E-02	-2.04E-01	0.00E+00	0.00E+00	-1.53E+01	-6.34E-03	-2.64E-03	-3.38E-02	0.00E+00	0.00E+00	-9.76E-09	-7.37E-07	-6.39E-03	-5.97E+00	0.00E+00	0.00E+00	-1.27E+01	0.00E+00	-5.45E+00	0.00E+00	-1.86E-08	-1.28E-07	-1.03E-02	0.00E+00	-1.32E+00	0.00E+00	-5.45E+00	-1.85E-04	-5.45E+00	-6.77E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-5.48E+02
NDN450N	-3.81E-02	-1.84E-01	-4.98E-03	-2.62E-01	0.00E+00	0.00E+00	-8.65E+00	-3.95E-03	-2.14E-03	-2.45E-02	0.00E+00	0.00E+00	-7.93E-09	-4.39E-07	-1.20E-02	-5.43E+00	0.00E+00	0.00E+00	-7.51E+00	0.00E+00	-2.75E+00	0.00E+00	-1.14E-08	-9.69E-08	-7.45E-03	0.00E+00	-1.29E+00	0.00E+00	-2.75E+00	-1.04E-04	-2.75E+00	-4.21E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-3.23E+02
NDN450P	-4.29E-02	-4.71E-01	-8.00E-03	-3.63E-01	0.00E+00	0.00E+00	-8.65E+00	-4.39E-03	-2.02E-03	-2.49E-02	0.00E+00	0.00E+00	-7.82E-09	-4.41E-07	-1.39E-02	-5.71E+00	0.00E+00	0.00E+00	-7.93E+00	0.00E+00	-4.66E+00	0.00E+00	-1.27E-08	-1.05E-07	-7.60E-03	0.00E+00	-1.21E+00	0.00E+00	-4.66E+00	-9.93E-05	-4.66E+00	-6.33E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+02
NDN463	4.23E-03	1.89E-01	1.24E-02	1.77E-01	0.00E+00	0.00E+00	1.47E+00	-1.38E-04	4.06E-03	1.12E-03	0.00E+00	0.00E+00	-2.29E-09	2.98E-08	-3.08E-02	-4.05E-01	0.00E+00	0.00E+00	-1.45E-01	0.00E+00	-1.85E-01	0.00E+00	1.64E-08	-1.15E-08	-2.27E-04	0.00E+00	-1.75E-01	0.00E+00	-1.85E-01	-6.56E-06	-1.85E-01	-3.61E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
NDN463A	-6.41E-02	-4.66E-01	-1.55E-02	-4.51E-01	0.00E+00	0.00E+00	-1.62E+01	-6.36E-03	-2.81E-03	-3.61E-02	0.00E+00	0.00E+00	-1.10E-08	-7.41E-07	-5.47E-02	-6.90E+00	0.00E+00	0.00E+00	-1.51E+01	0.00E+00	-8.03E+00	0.00E+00	-3.07E-08	-1.43E-07	-1.11E-02	0.00E+00	-1.88E+00	0.00E+00	-8.03E+00	-1.87E-04	-8.03E+00	-9.91E+00	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	-6.43E+02
NDN463N	-3.50E-02	-1.87E-01	-4.91E-03	-2.62E-01	0.00E+00	0.00E+00	-8.21E+00	-4.10E-03	-1.94E-03	-2.42E-02	0.00E+00	0.00E+00	-7.87E-09	-4.57E-07	-9.40E-03	-5.22E+00	0.00E+00	0.00E+00	-7.19E+00	0.00E+00	-2.26E+00	0.00E+00	-1.14E-08	-9.72E-08	-7.33E-03	0.00E+00	-1.27E+00	0.00E+00	-2.26E+00	-8.66E-05	-2.26E+00	-3.86E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
NDN463P	-4.00E-02	-4.73E-01	-7.87E-03	-3.63E-01	0.00E+00	0.00E+00	-8.17E+00	-4.58E-03	-2.06E-03	-2.54E-02	0.00E+00	0.00E+00	-7.84E-09	-4.59E-07	-1.06E-02	-5.57E+00	0.00E+00	0.00E+00	-7.69E+00	0.00E+00	-4.20E+00	0.00E+00	-1.23E-08	-1.06E-07	-7.95E-03	0.00E+00	-1.21E+00	0.00E+00	-4.20E+00	-8.86E-05	-4.20E+00	-5.95E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-3.12E+02
NEN106	-3.20E-03	1.45E-03	4.84E-04	1.49E-02	0.00E+00	0.00E+00	-5.82E-01	-3.31E-04	3.77E-05	-1.35E-03	0.00E+00	0.00E+00	-8.09E-10	-4.83E-08	-1.71E-04	-6.20E-01	0.00E+00	0.00E+00	-7.47E-01	0.00E+00	-1.80E-01	0.00E+00	1.18E-09	-7.71E-09	-4.99E-04	0.00E+00	-7.71E-02	0.00E+00	-1.80E-01	-1.09E-05	-1.80E-01	-2.83E-01	-7.71E-02	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
NEN110	-1.01E-04	-7.64E-02	9.02E-05	-7.65E-02	0.00E+00	0.00E+00	-3.34E-02	-2.75E-05	1.74E-04	-7.48E-04	0.00E+00	0.00E+00	-7.88E-10	4.50E-11	1.53E-04	-3.81E-01	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-6.27E-01	0.00E+00	-1.81E-09	-6.31E-09	-3.68E-04	0.00E+00	-8.00E-02	0.00E+00	-6.27E-01	-1.56E-06	-6.27E-01	-7.07E-01	-8.00E-02	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
NEN113	-4.45E-03	-7.16E-03	4.90E-04	5.44E-04	0.00E+00	0.00E+00	-7.29E-01	-4.18E-04	3.44E-05	-2.36E-03	0.00E+00	0.00E+00	-1.05E-09	-5.44E-08	-1.40E-03	-1.34E+00	0.00E+00	0.00E+00	-9.72E-01	0.00E+00	-2.84E-02	0.00E+00	1.54E-09	-9.55E-09	-5.80E-04	0.00E+00	-1.62E-01	0.00E+00	-2.84E-02	-1.31E-05	-2.84E-02	-2.84E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.27E+01
NEN116	-3.02E-03	-2.66E-04	4.73E-04	-1.27E-03	0.00E+00	0.00E+00	-6.11E-01	-3.38E-04	4.78E-05	-1.40E-03	0.00E+00	0.00E+00	-8.81E-10	-4.65E-08	-6.63E-04	-7.18E-01	0.00E+00	0.00E+00	-7.60E-01	0.00E+00	-1.85E-01	0.00E+00	1.06E-09	-8.26E-09	-5.10E-04	0.00E+00	-9.29E-02	0.00E+00	-1.85E-01	-1.05E-05	-1.85E-01	-3.09E-01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
NEN120	-5.61E-03	4.09E-03	4.11E-04	1.33E-02	0.00E+00	0.00E+00	-9.63E-01	-5.51E-04	-7.80E-07	-2.89E-03	0.00E+00	0.00E+00	-9.67E-10	-8.43E-08	-6.41E-04	-8.70E-01	0.00E+00	0.00E+00	-9.81E-01	0.00E+00	-1.13E-01	0.00E+00	1.38E-09	-1.00E-08	-6.10E-04	0.00E+00	-9.88E-02	0.00E+00	-1.13E-01	-1.76E-05	-1.13E-01	-2.31E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
NEN125	-4.40E-03	4.52E-04	4.93E-04	2.23E-03	0.00E+00	0.00E+00	-8.68E-01	-4.84E-04	3.27E-05	-2.44E-03	0.00E+00	0.00E+00	-9.37E-10	-6.80E-08	-1.61E-04	-6.93E-01	0.00E+00	0.00E+00	-8.87E-01	0.00E+00	-1.71E-01	0.00E+00	1.09E-09	-9.46E-09	-6.55E-04	0.00E+00	-7.88E-02	0.00E+00	-1.71E-01	-1.55E-05	-1.71E-01	-2.94E-01	-7.88E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NEN132	-7.12E-03	2.93E-03	7.32E-05	1.65E-02	0.00E+00	0.00E+00	-1.24E+00	-6.49E-04	-4.20E-05	-4.07E-03	0.00E+00	0.00E+00	-1.08E-09	-9.89E-08	-1.23E-04	-9.11E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-1.10E-01	0.00E+00	1.47E-09	-1.25E-08	-8.98E-04	0.00E+00	-1.11E-01	0.00E+00	-1.10E-01	-2.05E-05	-1.10E-01	-2.37E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
NEN140	-7.99E-03	-2.36E-03	2.38E-04	8.95E-03	0.00E+00	0.00E+00	-1.27E+00	-6.85E-04	3.53E-05	-4.04E-03	0.00E+00	0.00E+00	-1.08E-09	-1.10E-07	-1.05E-04	-8.28E-01	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-1.07E-01	0.00E+00	1.56E-09	-1.32E-08	-1.06E-03	0.00E+00	-1.00E-01	0.00E+00	-1.07E-01	-2.78E-05	-1.07E-01	-3.40E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
NEN150	-9.24E-03	7.01E-04	-1.22E-04	2.32E-02	0.00E+00	0.00E+00	-1.46E+00	-6.64E-04	6.67E-05	-5.05E-03	0.00E+00	0.00E+00	-1.18E-09	-1.07E-07	-1.01E-03	-7.90E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-2.26E-01	0.00E+00	1.87E-09	-1.55E-08	-9.66E-04	0.00E+00	-1.01E-01	0.00E+00	-2.26E-01	-2.94E-05	-2.26E-01	-4.29E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
NEN163	-9.13E-03	-5.05E-03	8.49E-05	2.08E-02	0.00E+00	0.00E+00	-1.17E+00	-5.53E-04	2.18E-04	-4.80E-03	0.00E+00	0.00E+00	-1.18E-09	-6.00E-08	-8.51E-04	-5.88E-01	0.00E+00	0.00E+00	-9.91E-01	0.00E+00	-1.92E-01	0.00E+00	2.23E-09	-1.68E-08	-7.79E-04	0.00E+00	-7.69E-02	0.00E+00	-1.92E-01	-2.81E-05	-1.92E-01	-3.25E-01	-7.69E-02	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
NEN206	-5.73E-03	-1.73E-02	5.30E-04	1.20E-03	0.00E+00	0.00E+00	-1.78E+00	-4.98E-04	-1.55E-04	-3.23E-03	0.00E+00	0.00E+00	-2.19E-09	-1.43E-07	-5.67E-03	-1.10E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-4.06E-01	0.00E+00	1.38E-09	-1.44E-08	-7.54E-04	0.00E+00	-2.05E-01	0.00E+00	-4.06E-01	-3.62E-05	-4.06E-01	-3.99E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
NEN210	-6.07E-03	-2.87E-02	6.48E-04	-2.42E-02	0.00E+00	0.00E+00	-1.54E+00	-4.98E-04	-9.50E-05	-3.38E-03	0.00E+00	0.00E+00	-2.28E-09	-1.37E-07	-7.07E-03	-1.98E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-5.11E-01	0.00E+00	1.46E-09	-1.54E-08	-8.99E-04	0.00E+00	-3.47E-01	0.00E+00	-5.11E-01	-3.61E-05	-5.11E-01	-6.78E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-7.24E+01
NEN216	-6.28E-03	-4.57E-02	4.46E-04	-4.19E-02	0.00E+00	0.00E+00	-1.75E+00	-5.47E-04	-1.34E-04	-3.99E-03	0.00E+00	0.00E+00	-2.60E-09	-1.47E-07	-6.49E-03	-1.89E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-6.78E-01	0.00E+00	3.02E-10	-1.95E-08	-1.09E-03	0.00E+00	-3.48E-01	0.00E+00	-6.78E-01	-4.24E-05	-6.78E-01	-1.15E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-9.10E+01
NEN220	-7.45E-03	-3.88E-02	4.55E-04	-3.26E-02	0.00E+00	0.00E+00	-2.34E+00	-6.00E-04	-2.34E-04	-4.15E-03	0.00E+00	0.00E+00	-2.62E-09	-1.65E-07	-6.41E-03	-1.92E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-6.25E-01	0.00E+00	7.06E-10	-1.96E-08	-1.12E-03	0.00E+00	-3.48E-01	0.00E+00	-6.25E-01	-4.87E-05	-6.25E-01	-1.01E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NEN225	-5.47E-03	-2.39E-02	1.26E-03	-3.85E-02	0.00E+00	0.00E+00	-2.03E+00	-4.38E-04	5.63E-05	-3.06E-03	0.00E+00	0.00E+00	-2.52E-09	-1.59E-07	-5.62E-03	-1.87E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-7.29E-01	0.00E+00	7.97E-10	-1.76E-08	-8.85E-04	0.00E+00	-3.84E-01	0.00E+00	-7.29E-01	-5.22E-05	-7.29E-01	-1.14E+00	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NEN232	-4.66E-03	-1.11E-02	1.21E-03	-7.21E-03	0.00E+00	0.00E+00	-2.60E+00	-4.43E-04	6.36E-05	-2.76E-03	0.00E+00	0.00E+00	-2.46E-09	-1.60E-07	-4.45E-03	-1.45E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-5.48E-01	0.00E+00	1.13E-09	-1.64E-08	-9.32E-04	0.00E+00	-3.31E-01	0.00E+00	-5.48E-01	-5.47E-05	-5.48E-01	-8.66E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
NEN240	-9.59E-03	-3.50E-02	1.73E-04	-5.11E-02	0.00E+00	0.00E+00	-2.71E+00	-5.70E-04	-1.87E-04	-3.87E-03	0.00E+00	0.00E+00	-2.79E-09	-2.08E-07	-4.93E-03	-2.25E+00	0.00E+00	0.00E+00	-2.93E+00	0.00E+00	-7.84E-01	0.00E+00	3.71E-10	-2.22E-08	-1.18E-03	0.00E+00	-4.78E-01	0.00E+00	-7.84E-01	-6.12E-05	-7.84E-01	-1.32E+00	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NEN250	-1.34E-02	8.15E-03	-5.99E-04	-2.73E-02	0.00E+00	0.00E+00	-3.59E+00	-1.14E-03	-1.91E-04	-6.25E-03	0.00E+00	0.00E+00	-3.05E-09	-2.33E-07	-6.51E-03	-2.41E+00	0.00E+00	0.00E+00	-3.20E+00	0.00E+00	-8.28E-01	0.00E+00	6.35E-10	-2.83E-08	-2.05E-03	0.00E+00	-4.98E-01	0.00E+00	-8.28E-01	-6.65E-05	-8.28E-01	-1.30E+00	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NEN263	-1.63E-02	1.66E-02	-1.10E-03	-2.07E-02	0.00E+00	0.00E+00	-4.00E+00	-1.87E-03	5.01E-05	-8.24E-03	0.00E+00	0.00E+00	-3.62E-09	-2.65E-07	-4.83E-03	-1.59E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-7.43E-01	0.00E+00	1.28E-09	-3.08E-08	-2.83E-03	0.00E+00	-4.86E-01	0.00E+00	-7.43E-01	-7.19E-05	-7.43E-01	-8.74E-01	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NEN306	-9.08E-03	-8.42E-02	-1.94E-03	-7.10E-02	0.00E+00	0.00E+00	-2.06E+00	-8.00E-04	-6.24E-05	-4.68E-03	0.00E+00	0.00E+00	-2.98E-09	-1.33E-07	-1.96E-02	-1.70E+00	0.00E+00	0.00E+00	-2.47E+00	0.00E+00	-1.17E+00	0.00E+00	1.58E-09	-2.65E-08	-1.60E-03	0.00E+00	-3.71E-01	0.00E+00	-1.17E+00	-4.27E-05	-1.17E+00	-1.38E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
NEN310	-9.01E-03	-1.33E-01	-2.16E-03	-1.22E-01	0.00E+00	0.00E+00	-2.29E+00	-7.93E-04	-9.99E-05	-5.43E-03	0.00E+00	0.00E+00	-3.29E-09	-1.17E-07	-1.99E-02	-2.18E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-1.70E+00	0.00E+00	2.11E-10	-2.90E-08	-1.91E-03	0.00E+00	-4.88E-01	0.00E+00	-1.70E+00	-4.71E-05	-1.70E+00	-1.84E+00	-4.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NEN313	-1.09E-02	-1.55E-01	-2.51E-03	-1.27E-01	0.00E+00	0.00E+00	-2.84E+00	-1.25E-03	-2.75E-04	-7.52E-03	0.00E+00	0.00E+00	-3.57E-09	-1.23E-07	-2.10E-02	-2.21E+00	0.00E+00	0.00E+00	-3.10E+00	0.00E+00	-1.88E+00	0.00E+00	1.28E-10	-3.32E-08	-2.26E-03	0.00E+00	-4.95E-01	0.00E+00	-1.88E+00	-4.58E-05	-1.88E+00	-1.98E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
NEN316	-1.21E-02	-1.10E-01	-1.77E-03	-1.24E-01	0.00E+00	0.00E+00	-2.38E+00	-1.01E-03	1.63E-04	-4.99E-03	0.00E+00	0.00E+00	-3.57E-09	-9.90E-08	-1.86E-02	-2.17E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-1.83E+00	0.00E+00	3.12E-10	-3.22E-08	-1.98E-03	0.00E+00	-4.78E-01	0.00E+00	-1.83E+00	-5.39E-05	-1.83E+00	-2.13E+00	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NEN320	-1.06E-02	-1.39E-01	-2.00E-03	-1.25E-01	0.00E+00	0.00E+00	-3.13E+00	-1.19E-03	-1.57E-04	-7.50E-03	0.00E+00	0.00E+00	-3.82E-09	-1.06E-07	-2.21E-02	-2.23E+00	0.00E+00	0.00E+00	-3.33E+00	0.00E+00	-2.02E+00	0.00E+00	8.80E-10	-3.20E-08	-2.18E-03	0.00E+00	-4.69E-01	0.00E+00	-2.02E+00	-5.05E-05	-2.02E+00	-2.17E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NEN325	-1.96E-02	-9.71E-02	-3.37E-03	-8.29E-02	0.00E+00	0.00E+00	-3.47E+00	-1.66E-03	-3.73E-04	-1.03E-02	0.00E+00	0.00E+00	-4.06E-09	-2.17E-07	-1.66E-02	-2.23E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-1.62E+00	0.00E+00	6.09E-10	-4.17E-08	-3.78E-03	0.00E+00	-5.26E-01	0.00E+00	-1.62E+00	-6.22E-05	-1.62E+00	-1.71E+00	-5.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
NEN332	-1.40E-02	-1.28E-02	-4.43E-03	2.82E-02	0.00E+00	0.00E+00	-2.22E+00	-1.47E-03	-1.04E-03	-7.86E-03	0.00E+00	0.00E+00	-4.69E-09	-3.23E-07	-5.19E-03	-1.73E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-8.02E-01	0.00E+00	-1.26E-09	-2.75E-08	-4.24E-03	0.00E+00	-3.65E-01	0.00E+00	-8.02E-01	-8.18E-05	-8.02E-01	-1.10E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NEN340	-1.46E-02	-5.45E-02	-4.29E-03	-2.22E-02	0.00E+00	0.00E+00	-3.19E+00	-1.79E-03	-9.24E-04	-1.05E-02	0.00E+00	0.00E+00	-3.71E-09	-2.56E-07	-2.12E-03	-2.02E+00	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-1.31E+00	0.00E+00	-1.73E-09	-3.42E-08	-3.87E-03	0.00E+00	-3.98E-01	0.00E+00	-1.31E+00	-6.78E-05	-1.31E+00	-1.54E+00	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NEN363	-2.53E-02	-4.86E-02	-5.01E-03	-1.14E-01	0.00E+00	0.00E+00	-7.25E+00	-3.37E-03	-1.31E-03	-2.04E-02	0.00E+00	0.00E+00	-5.71E-09	-4.02E-07	-6.36E-03	-2.24E+00	0.00E+00	0.00E+00	-5.69E+00	0.00E+00	-2.22E+00	0.00E+00	-2.21E-09	-4.61E-08	-4.90E-03	0.00E+00	-6.73E-01	0.00E+00	-2.22E+00	-1.02E-04	-2.22E+00	-2.71E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
NEN406	-1.53E-02	-2.18E-01	-5.16E-03	-6.94E-02	0.00E+00	0.00E+00	-3.03E+00	-1.46E-03	-2.75E-04	-8.41E-03	0.00E+00	0.00E+00	-3.89E-09	-1.61E-07	-7.83E-03	-3.10E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-2.22E+00	0.00E+00	-1.27E-09	-4.26E-08	-2.94E-03	0.00E+00	-6.33E-01	0.00E+00	-2.22E+00	-5.00E-05	-2.22E+00	-2.64E+00	-6.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
NEN410	-1.83E-02	-2.55E-01	-4.30E-03	-9.75E-02	0.00E+00	0.00E+00	-3.34E+00	-1.47E-03	-2.73E-04	-1.09E-02	0.00E+00	0.00E+00	-4.06E-09	-1.71E-07	-7.29E-03	-3.12E+00	0.00E+00	0.00E+00	-4.06E+00	0.00E+00	-2.73E+00	0.00E+00	-1.23E-09	-4.65E-08	-3.39E-03	0.00E+00	-6.55E-01	0.00E+00	-2.73E+00	-5.95E-05	-2.73E+00	-2.86E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
NEN416	-2.19E-02	-1.85E-01	-5.95E-03	-8.74E-02	0.00E+00	0.00E+00	-3.29E+00	-1.72E-03	-3.75E-04	-1.11E-02	0.00E+00	0.00E+00	-4.21E-09	-2.02E-07	-6.03E-03	-2.72E+00	0.00E+00	0.00E+00	-3.24E+00	0.00E+00	-2.20E+00	0.00E+00	-8.56E-10	-5.80E-08	-4.75E-03	0.00E+00	-7.57E-01	0.00E+00	-2.20E+00	-6.38E-05	-2.20E+00	-2.25E+00	-7.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NEN420	-2.23E-02	-2.55E-01	-6.57E-03	-9.18E-02	0.00E+00	0.00E+00	-3.98E+00	-1.82E-03	-5.86E-04	-1.40E-02	0.00E+00	0.00E+00	-4.36E-09	-2.58E-07	-7.85E-03	-3.37E+00	0.00E+00	0.00E+00	-4.41E+00	0.00E+00	-2.63E+00	0.00E+00	-3.84E-09	-6.66E-08	-5.11E-03	0.00E+00	-7.69E-01	0.00E+00	-2.63E+00	-6.97E-05	-2.63E+00	-2.75E+00	-7.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
NEN425	-2.99E-02	-1.56E-01	-6.31E-03	-9.06E-02	0.00E+00	0.00E+00	-3.31E+00	-2.54E-03	4.77E-05	-1.05E-02	0.00E+00	0.00E+00	-5.09E-09	-1.86E-07	-1.46E-03	-2.60E+00	0.00E+00	0.00E+00	-3.46E+00	0.00E+00	-1.96E+00	0.00E+00	-6.25E-09	-6.66E-08	-4.91E-03	0.00E+00	-9.81E-01	0.00E+00	-1.96E+00	-4.95E-05	-1.96E+00	-2.26E+00	-9.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
NEN432	-3.69E-02	-1.04E-01	-6.71E-03	-8.88E-02	0.00E+00	0.00E+00	-8.03E+00	-3.25E-03	-4.87E-04	-1.89E-02	0.00E+00	0.00E+00	-6.24E-09	-2.94E-07	-1.33E-03	-2.38E+00	0.00E+00	0.00E+00	-7.16E+00	0.00E+00	-2.56E+00	0.00E+00	-9.50E-09	-6.62E-08	-5.21E-03	0.00E+00	-9.89E-01	0.00E+00	-2.56E+00	-9.48E-05	-2.56E+00	-2.92E+00	-9.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+02

NEN440	-3.61E-02	-1.26E-01	-6.49E-03	-8.56E-02	0.00E+00	0.00E+00	-7.01E+00	-3.60E-03	8.01E-04	-1.86E-02	0.00E+00	0.00E+00	-5.81E-09	-3.15E-07	-2.18E-03	-2.64E+00	0.00E+00	0.00E+00	-6.41E+00	0.00E+00	-2.43E+00	0.00E+00	-8.93E-09	-6.43E-08	-5.02E-03	0.00E+00	-1.02E+00	0.00E+00	-2.43E+00	-8.52E-05	-2.43E+00	-2.98E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
NEN450	-2.21E-02	-2.39E-01	-6.35E-04	-1.87E-01	0.00E+00	0.00E+00	-7.00E+00	-2.23E-03	7.76E-04	-1.72E-02	0.00E+00	0.00E+00	-5.03E-09	-3.55E-07	-1.75E-02	-3.26E+00	0.00E+00	0.00E+00	-6.51E+00	0.00E+00	-3.24E+00	0.00E+00	6.80E-09	-5.65E-08	-4.37E-03	0.00E+00	-1.07E+00	0.00E+00	-3.24E+00	-6.99E-05	-3.24E+00	-3.70E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E+02
NEN463	-3.28E-02	-1.47E-01	-6.09E-03	-1.33E-01	0.00E+00	0.00E+00	-8.04E+00	-3.86E-03	8.47E-04	-2.23E-02	0.00E+00	0.00E+00	-6.12E-09	-4.24E-07	-1.83E-03	-3.22E+00	0.00E+00	0.00E+00	-7.07E+00	0.00E+00	-2.52E+00	0.00E+00	-8.62E-09	-7.40E-08	-5.29E-03	0.00E+00	-1.05E+00	0.00E+00	-2.52E+00	-7.11E-05	-2.52E+00	-3.33E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
NF100A	-7.35E-03	-1.24E-02	3.38E-04	-1.87E-03	0.00E+00	0.00E+00	-1.01E+00	-6.37E-04	1.18E-04	-3.60E-03	0.00E+00	0.00E+00	-1.13E-09	-7.66E-08	-2.65E-03	-8.34E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-2.99E-01	0.00E+00	2.42E-10	-1.35E-08	-9.14E-04	0.00E+00	-1.44E-01	0.00E+00	-2.99E-01	-1.35E-05	-2.99E-01	-4.21E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.71E+01
NF101A	-7.55E-03	-2.95E-02	1.13E-04	-1.20E-02	0.00E+00	0.00E+00	-1.20E+00	-6.41E-04	9.90E-05	-4.11E-03	0.00E+00	0.00E+00	-1.16E-09	-8.65E-08	-3.50E-03	-9.11E-01	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-3.57E-01	0.00E+00	5.30E-11	-1.46E-08	-9.96E-04	0.00E+00	-1.68E-01	0.00E+00	-3.57E-01	-1.47E-05	-3.57E-01	-5.47E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NF102A	-6.06E-03	-2.97E-02	1.36E-03	9.21E-03	0.00E+00	0.00E+00	-7.82E-01	-3.91E-04	1.25E-04	-2.61E-03	0.00E+00	0.00E+00	-8.55E-10	-6.37E-08	-8.00E-04	-9.56E-01	0.00E+00	0.00E+00	-6.82E-01	0.00E+00	1.60E-01	0.00E+00	7.98E-09	-1.04E-08	-7.97E-04	0.00E+00	-1.31E-01	0.00E+00	1.60E-01	-1.70E-05	1.60E-01	-3.63E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.51E+01
NF103A	-6.93E-03	-8.09E-03	6.46E-04	6.46E-03	0.00E+00	0.00E+00	-9.89E-01	-6.00E-04	1.15E-04	-3.13E-03	0.00E+00	0.00E+00	-9.76E-10	-7.51E-08	-1.13E-03	-7.52E-01	0.00E+00	0.00E+00	-9.36E-01	0.00E+00	-2.44E-01	0.00E+00	7.75E-10	-1.15E-08	-8.54E-04	0.00E+00	-1.30E-01	0.00E+00	-2.44E-01	-1.31E-05	-2.44E-01	-4.06E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NF104A	-7.02E-03	-1.47E-02	5.57E-04	2.43E-03	0.00E+00	0.00E+00	-9.81E-01	-5.97E-04	1.14E-04	-2.99E-03	0.00E+00	0.00E+00	-9.55E-10	-7.12E-08	-1.23E-03	-7.69E-01	0.00E+00	0.00E+00	-9.04E-01	0.00E+00	-2.61E-01	0.00E+00	4.21E-10	-1.17E-08	-8.39E-04	0.00E+00	-1.35E-01	0.00E+00	-2.61E-01	-1.31E-05	-2.61E-01	-4.60E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.06E+01
NF106A	-5.40E-04	4.52E-03	1.60E-03	2.32E-02	0.00E+00	0.00E+00	2.80E-02	-1.39E-04	1.17E-04	-5.62E-04	0.00E+00	0.00E+00	-4.29E-10	-8.66E-09	-1.88E-03	-2.29E-01	0.00E+00	0.00E+00	-1.94E-01	0.00E+00	-4.24E-03	0.00E+00	1.71E-09	-3.43E-09	-3.23E-04	0.00E+00	-6.37E-02	0.00E+00	-4.24E-03	-2.53E-06	-4.24E-03	-3.87E-02	-6.37E-02	0.00E+00	0.00E+00	0.00E+00	-9.86E+00
NF110A	-9.14E-04	2.98E-02	1.27E-03	1.07E-02	0.00E+00	0.00E+00	2.48E-01	-1.23E-04	1.32E-04	-7.26E-04	0.00E+00	0.00E+00	-5.45E-10	-1.08E-08	-2.02E-03	-2.72E-01	0.00E+00	0.00E+00	-3.61E-02	0.00E+00	3.74E-01	0.00E+00	2.17E-09	-3.02E-09	-2.58E-04	0.00E+00	-9.09E-02	0.00E+00	3.74E-01	-2.27E-06	3.74E-01	2.75E-01	-9.09E-02	0.00E+00	0.00E+00	0.00E+00	-5.04E+00
NF116A	-1.03E-03	3.11E-02	1.45E-03	1.57E-02	0.00E+00	0.00E+00	2.05E-01	-1.26E-04	1.32E-04	-7.12E-04	0.00E+00	0.00E+00	-5.48E-10	-7.24E-09	-9.29E-04	-2.92E-01	0.00E+00	0.00E+00	-2.82E-02	0.00E+00	2.18E-01	0.00E+00	2.33E-09	-3.59E-09	-2.42E-04	0.00E+00	-7.94E-02	0.00E+00	2.18E-01	-2.32E-06	2.18E-01	1.96E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-4.81E+00
NF120A	-1.25E-03	2.42E-02	2.06E-03	3.49E-02	0.00E+00	0.00E+00	2.30E-01	-1.41E-04	1.25E-04	-7.52E-04	0.00E+00	0.00E+00	-3.17E-10	-1.26E-08	-1.24E-04	-3.31E-01	0.00E+00	0.00E+00	-2.90E-02	0.00E+00	3.93E-01	0.00E+00	3.22E-09	-2.98E-09	-1.69E-04	0.00E+00	-1.10E-01	0.00E+00	3.93E-01	-4.41E-06	3.93E-01	3.58E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+00
NF125A	-1.62E-03	3.87E-02	2.95E-03	5.03E-02	0.00E+00	0.00E+00	3.67E-01	-1.80E-04	2.44E-04	-5.34E-04	0.00E+00	0.00E+00	-3.21E-10	-3.64E-08	-6.63E-04	-6.39E-02	0.00E+00	0.00E+00	3.58E-02	0.00E+00	3.79E-01	0.00E+00	6.17E-09	-4.76E-09	-2.91E-05	0.00E+00	-3.02E-03	0.00E+00	3.79E-01	-2.12E-06	3.79E-01	3.45E-01	-3.02E-03	0.00E+00	0.00E+00	0.00E+00	-1.29E+00
NF132A	-6.51E-03	2.68E-02	1.54E-03	3.64E-02	0.00E+00	0.00E+00	-5.69E-01	-6.24E-04	1.55E-04	-3.73E-03	0.00E+00	0.00E+00	-9.53E-10	-9.16E-08	-1.82E-04	-9.33E-01	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	2.74E-01	0.00E+00	7.85E-09	-1.24E-08	-9.41E-04	0.00E+00	-1.09E-01	0.00E+00	2.74E-01	-2.02E-05	2.74E-01	3.31E-02	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
NF140A	-7.25E-03	2.70E-02	1.85E-03	2.92E-02	0.00E+00	0.00E+00	-6.99E-01	-6.41E-04	3.22E-04	-4.11E-03	0.00E+00	0.00E+00	-9.01E-10	-9.62E-08	1.21E-04	-8.30E-01	0.00E+00	0.00E+00	-5.59E-01	0.00E+00	3.13E-01	0.00E+00	7.82E-09	-1.19E-08	-8.90E-04	0.00E+00	-1.05E-01	0.00E+00	3.13E-01	-2.11E-05	3.13E-01	1.84E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
NF150A	-7.77E-03	-1.93E-01	5.20E-04	-9.84E-02	0.00E+00	0.00E+00	-9.02E-01	-7.82E-04	7.20E-04	-4.09E-03	0.00E+00	0.00E+00	-9.52E-10	-9.65E-08	-2.65E-03	-1.72E+00	0.00E+00	0.00E+00	-9.91E-01	0.00E+00	-7.58E-01	0.00E+00	-5.42E-09	-1.38E-08	-8.05E-04	0.00E+00	-2.22E-01	0.00E+00	-7.58E-01	-1.77E-05	-7.58E-01	-1.11E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
NF163A	-7.87E-03	-1.97E-01	3.36E-04	-8.81E-02	0.00E+00	0.00E+00	-9.16E-01	-7.48E-04	8.52E-04	-3.72E-03	0.00E+00	0.00E+00	-9.25E-10	-7.20E-08	-3.02E-03	-1.43E+00	0.00E+00	0.00E+00	-8.05E-01	0.00E+00	-7.54E-01	0.00E+00	-5.28E-09	-1.34E-08	-7.51E-04	0.00E+00	-2.06E-01	0.00E+00	-7.54E-01	-1.75E-05	-7.54E-01	-1.10E+00	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
NF200A	-8.11E-03	-3.96E-02	6.68E-04	-2.81E-02	0.00E+00	0.00E+00	-1.04E+00	-7.75E-04	1.50E-04	-4.03E-03	0.00E+00	0.00E+00	-1.83E-09	-7.49E-08	-5.75E-03	-1.04E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-4.88E-01	0.00E+00	2.97E-10	-1.63E-08	-8.71E-04	0.00E+00	-1.86E-01	0.00E+00	-4.88E-01	-2.00E-05	-4.88E-01	-6.20E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
NF201A	-8.89E-03	-5.74E-02	2.82E-04	-3.13E-02	0.00E+00	0.00E+00	-1.27E+00	-8.08E-04	1.35E-04	-4.42E-03	0.00E+00	0.00E+00	-1.97E-09	-9.61E-08	-6.71E-03	-1.22E+00	0.00E+00	0.00E+00	-1.37E+00	0.00E+00	-6.03E-01	0.00E+00	2.69E-10	-1.88E-08	-1.22E-03	0.00E+00	-2.27E-01	0.00E+00	-6.03E-01	-2.19E-05	-6.03E-01	-8.45E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.44E+01
NF202A	-6.75E-03	-1.73E-01	-7.50E-04	-1.14E-01	0.00E+00	0.00E+00	-1.33E+00	-5.40E-04	2.31E-05	-3.27E-03	0.00E+00	0.00E+00	-1.93E-09	-5.29E-08	-5.75E-03	-2.86E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-1.09E+00	0.00E+00	-2.85E-09	-1.82E-08	-9.22E-04	0.00E+00	-3.85E-01	0.00E+00	-1.09E+00	-2.22E-05	-1.09E+00	-1.75E+00	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-5.31E+01
NF203A	-8.00E-03	-3.26E-02	1.21E-03	-2.31E-02	0.00E+00	0.00E+00	-1.08E+00	-8.30E-04	1.57E-04	-4.19E-03	0.00E+00	0.00E+00	-1.79E-09	-8.76E-08	-5.91E-03	-1.03E+00	0.00E+00	0.00E+00	-1.34E+00	0.00E+00	-4.23E-01	0.00E+00	6.21E-10	-1.65E-08	-9.36E-04	0.00E+00	-1.70E-01	0.00E+00	-4.23E-01	-2.28E-05	-4.23E-01	-5.63E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-6.04E+01
NF204A	-7.61E-03	-4.51E-02	7.13E-04	-3.03E-02	0.00E+00	0.00E+00	-1.06E+00	-8.42E-04	8.64E-05	-4.04E-03	0.00E+00	0.00E+00	-1.99E-09	-8.17E-08	-5.24E-03	-1.23E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-4.61E-01	0.00E+00	-2.00E-10	-1.71E-08	-1.11E-03	0.00E+00	-2.27E-01	0.00E+00	-4.61E-01	-2.26E-05	-4.61E-01	-6.90E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.27E+01
NF206A	-3.14E-03	-2.42E-02	2.85E-03	2.38E-03	0.00E+00	0.00E+00	-1.02E-02	-2.40E-04	1.37E-04	-1.59E-03	0.00E+00	0.00E+00	-1.20E-09	-4.03E-08	-7.66E-03	-8.42E-01	0.00E+00	0.00E+00	-5.83E-01	0.00E+00	1.38E-01	0.00E+00	3.07E-09	-8.80E-09	-4.82E-04	0.00E+00	-1.65E-01	0.00E+00	1.38E-01	-1.09E-05	1.38E-01	-2.19E-03	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
NF210A	-2.49E-03	1.56E-02	2.27E-03	1.09E-02	0.00E+00	0.00E+00	3.00E-01	-2.66E-04	1.47E-04	-1.61E-03	0.00E+00	0.00E+00	-8.56E-10	-1.47E-08	-8.65E-03	-6.10E-01	0.00E+00	0.00E+00	-2.11E-01	0.00E+00	5.92E-01	0.00E+00	2.77E-09	-4.80E-09	-2.05E-04	0.00E+00	-1.39E-01	0.00E+00	5.92E-01	-7.84E-06	5.92E-01	5.09E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-9.56E+00
NF216A	-3.65E-03	-7.67E-03	2.08E-03	2.04E-03	0.00E+00	0.00E+00	-2.29E-01	-4.32E-04	1.38E-04	-1.98E-03	0.00E+00	0.00E+00	-1.45E-09	-7.00E-08	-7.85E-03	-7.37E-01	0.00E+00	0.00E+00	-8.19E-01	0.00E+00	1.26E-01	0.00E+00	2.75E-09	-1.16E-08	-6.66E-04	0.00E+00	-1.42E-01	0.00E+00	1.26E-01	-1.36E-05	1.26E-01	-2.01E-02	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
NF220A	-3.71E-03	-2.64E-02	1.34E-03	-2.25E-03	0.00E+00	0.00E+00	-2.48E-01	-3.99E-04	1.63E-04	-1.98E-03	0.00E+00	0.00E+00	-1.56E-09	-7.74E-08	-6.83E-03	-7.46E-01	0.00E+00	0.00E+00	-9.42E-01	0.00E+00	6.46E-02	0.00E+00	1.96E-09	-1.31E-08	-7.08E-04	0.00E+00	-1.52E-01	0.00E+00	6.46E-02	-1.31E-05	6.46E-02	9.39E-05	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-4.67E+01
NF225A	-3.95E-03	-1.92E-02	2.88E-03	2.92E-03	0.00E+00	0.00E+00	-1.30E-01	-4.25E-04	2.74E-04	-1.87E-03	0.00E+00	0.00E+00	-1.44E-09	-6.47E-08	-4.10E-03	-6.63E-01	0.00E+00	0.00E+00	-8.36E-01	0.00E+00	1.92E-02	0.00E+00	4.37E-09	-1.52E-08	-6.57E-04	0.00E+00	-1.29E-01	0.00E+00	1.92E-02	-1.31E-05	1.92E-02	-1.11E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-4.06E+01
NF232A	-5.75E-03	-1.46E-01	-5.26E-04	-9.41E-02	0.00E+00	0.00E+00	-1.18E+00	-5.63E-04	1.79E-04	-3.82E-03	0.00E+00	0.00E+00	-1.97E-09	-6.08E-08	-3.56E-03	-2.23E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.08E+00	0.00E+00	-2.95E-09	-1.93E-08	-8.30E-04	0.00E+00	-3.08E-01	0.00E+00	-1.08E+00	-2.45E-05	-1.08E+00	-1.51E+00	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
NF240A	-1.19E-02	-1.64E-01	-9.35E-04	-1.14E-01	0.00E+00	0.00E+00	-1.72E+00	-8.39E-04	2.12E-04	-6.53E-03	0.00E+00	0.00E+00	-2.41E-09	-1.35E-07	-6.68E-03	-3.17E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-1.28E+00	0.00E+00	-3.92E-09	-3.48E-08	-1.27E-03	0.00E+00	-4.88E-01	0.00E+00	-1.28E+00	-3.24E-05	-1.28E+00	-2.09E+00	-4.88E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E+01
NF250A	-1.12E-02	6.99E-02	1.76E-03	5.52E-02	0.00E+00	0.00E+00	-1.33E+00	-9.95E-04	4.46E-04	-6.07E-03	0.00E+00	0.00E+00	-2.18E-09	-1.29E-07	-3.61E-03	-1.38E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	7.37E-01	0.00E+00	8.56E-09	-2.24E-08	-1.22E-03	0.00E+00	-1.53E-01	0.00E+00	7.37E-01	-3.27E-05	7.37E-01	4.35E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-5.48E+01
NF263A	-2.19E-02	-2.29E-01	-1.64E-03	-8.51E-02	0.00E+00	0.00E+00	-1.44E+00	-1.46E-03	1.11E-03	-1.05E-02	0.00E+00	0.00E+00	-3.16E-09	-1.29E-07	-4.22E-03	-2.02E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.00E-01	0.00E+00	-7.99E-09	-4.57E-08	-1.93E-03	0.00E+00	-3.49E-01	0.00E+00	-8.00E-01	-4.59E-05	-8.00E-01	-1.45E+00	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
NF300A	-1.19E-02	-2.34E-01	-5.03E-04	-1.28E-01	0.00E+00	0.00E+00	-2.54E+00	-1.58E-03	-1.09E-04	-7.23E-03	0.00E+00	0.00E+00	-2.74E-09	-1.26E-07	-1.65E-02	-1.87E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-8.25E-01	0.00E+00	-2.66E-09	-3.02E-08	-2.95E-03	0.00E+00	-4.91E-01	0.00E+00	-8.25E-01	-3.98E-05	-8.25E-01	-1.38E+00	-4.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NF301A	-1.18E-02	-2.49E-01	-5.03E-04	-1.31E-01	0.00E+00	0.00E+00	-2.65E+00	-1.56E-03	-1.32E-04	-7.10E-03	0.00E+00	0.00E+00	-2.74E-09	-1.27E-07	-1.81E-02	-1.89E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-8.48E-01	0.00E+00	-2.66E-09	-3.02E-08	-3.00E-03	0.00E+00	-5.07E-01	0.00E+00	-8.48E-01	-3.99E-05	-8.48E-01	-1.46E+00	-5.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NF302A	-1.02E-02	-1.60E-01	-1.35E-03	-6.45E-02	0.00E+00	0.00E+00	-1.94E+00	-1.24E-03	-1.85E-04	-8.25E-03	0.00E+00	0.00E+00	-2.69E-09	-1.26E-07	-1.32E-02	-3.41E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.59E+00	0.00E+00	-3.15E-09	-3.14E-08	-2.46E-03	0.00E+00	-5.64E-01	0.00E+00	-1.59E+00	-3.73E-05	-1.59E+00	-2.58E+00	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NF303A	-1.18E-02	-2.40E-01	1.50E-05	-1.41E-01	0.00E+00	0.00E+00	-2.34E+00	-1.45E-03	-1.38E-04	-7.43E-03	0.00E+00	0.00E+00	-2.77E-09	-1.17E-07	-1.60E-02	-1.72E+00	0.00E+00	0.00E+00	-3.14E+00	0.00E+00	-9.72E-01	0.00E+00	-4.79E-10	-3.05E-08	-2.94E-03	0.00E+00	-4.49E-01	0.00E+00	-9.72E-01	-4.05E-05	-9.72E-01	-1.12E+00	-4.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NF304A	-1.19E-02	-2.81E-01	-1.51E-04	-1.45E-01	0.00E+00	0.00E+00	-2.36E+00	-1.53E-03	-9.89E-05	-7.04E-03	0.00E+00	0.00E+00	-2.79E-09	-1.14E-07	-1.71E-02	-1.88E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-8.42E-01	0.00E+00	-3.57E-09	-3.02E-08	-2.91E-03	0.00E+00	-4.91E-01	0.00E+00	-8.42E-01	-4.01E-05	-8.42E-01	-1.29E+00	-4.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NF306A	-4.12E-03	-7.89E-02	3.13E-03	-5.00E-02	0.00E+00	0.00E+00	1.28E-02	-4.56E-04	1.37E-04	-3.42E-03	0.00E+00	0.00E+00	-1.36E-09	-6.36E-08	-4.24E-03	-1.35E+00	0.00E+00	0.00E+00	-6.60E-01	0.00E+00	-3.74E-03	0.00E+00	3.74E-09	-1.34E-08	-9.38E-04	0.00E+00	-2.38E-01	0.00E+00	-3.74E-03	-1.42E-05	-3.74E-03	-1.00E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
NF310A	-3.26E-03	-1.34E-01	1.50E-03	-1.05E-01	0.00E+00	0.00E+00	-1.46E-01	-3.24E-04	2.04E-04	-3.19E-03	0.00E+00	0.00E+00	-1.84E-09	-2.30E-08	-1.38E-02	-1.38E+00	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	7.72E-02	0.00E+00	9.58E-10	-2.09E-08	-1.04E-03	0.00E+00	-2.95E-01	0.00E+00	7.72E-02	-1.20E-05	7.72E-02	-7.99E-03	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
NF316A	-4.14E-03	-1.08E-01	1.17E-03	-9.00E-02	0.00E+00	0.00E+00	-2.20E-01	-3.61E-04	3.15E-04	-3.20E-03	0.00E+00	0.00E+00	-2.15E-09	-2.66E-08	-1.14E-02	-1.28E+00	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.63E-01	0.00E+00	2.84E-10	-2.21E-08	-1.08E-03	0.00E+00	-2.59E-01	0.00E+00	-2.63E-01	-9.44E-06	-2.63E-01	-4.19E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
NF320A	-8.91E-03	-1.34E-01	8.11E-04	-1.14E-01	0.00E+00	0.00E+00	-1.87E-01	-7.47E-04	2.96E-04	-4.88E-03	0.00E+00	0.00E+00	-2.03E-09	-8.61E-08	-1.52E-02	-1.43E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-1.34E-01	0.00E+00	5.65E-10	-2.72E-08	-8.18E-04	0.00E+00	-3.12E-01	0.00E+00	-1.34E-01	-1.07E-05	-1.34E-01	-3.26E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
NF325A	-1.34E-02	1.02E-02	4.32E-03	2.65E-03	0.00E+00	0.00E+00	3.35E-01	-1.48E-03	4.91E-04	-1.61E-03	0.00E+00	0.00E+00	-1.44E-09	-4.33E-08	-1.22E-02	-1.34E+00	0.00E+00	0.00E+00	-8.06E-01	0.00E+00	2.84E-01	0.00E+00	6.79E-09	-3.14E-08	-5.09E-04	0.00E+00	-2.37E-01	0.00E+00	2.84E-01	-6.93E-06	2.84E-01	5.54E-02	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
NF332A	-1.57E-02	-1.62E-01	-3.30E-03	-1.13E-01	0.00E+00	0.00E+00	-2.12E+00	-1.63E-03	-2.07E-05	-1.11E-02	0.00E+00	0.00E+00	-3.38E-09	-2.40E-07	-1.25E-02	-3.34E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-1.76E+00	0.00E+00	-3.79E-09	-5.01E-08	-3.72E-03	0.00E+00	-5.60E-01	0.00E+00	-1.76E+00	-7.27E-05	-1.76E+00	-2.61E+00	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
NF340A	-2.13E-02	-1.60E-01	-2.70E-03	-1.28E-01	0.00E+00	0.00E+00	-6.18E+00	-2.85E-03	-5.79E-04	-2.04E-02	0.00E+00	0.00E+00	-3.87E-09	-4.10E-07	-1.16E-02	-3.87E+00	0.00E+00	0.00E+00	-5.59E+00	0.00E+00	-3.23E+00	0.00E+00	-4.74E-09	-6.40E-08	-3.84E-03	0.00E+00	-7.59E-01	0.00E+00	-3.23E+00	-8.67E-05	-3.23E+00	-4.14E+00	-7.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
NF350A	-1.69E-02	6.34E-02	1.93E-03	3.57E-02	0.00E+00	0.00E+00	-3.14E+00	-2.11E-03	-3.36E-04	-1.31E-02	0.00E+00	0.00E+00	-3.49E-09	-2.93E-07	-4.20E-03	-2.05E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	7.74E-01	0.00E+00	1.30E-08	-3.11E-08	-2.30E-03	0.00E+00	-4.09E-01	0.00E+00	7.74E-01	-8.59E-05	7.74E-01	4.28E-01	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NF363A	-4.21E-02	-3.57E-01	-7.25E-03	-2.96E-01	0.00E+00	0.00E+00	-8.19E+00	-4.31E-03	-1.66E-03	-2.22E-02	0.00E+00	0.00E+00	-6.32E-09	-5.21E-07	-5.74E-03	-3.01E+00	0.00E+00	0.00E+00	-7.11E+00	0.00E+00	-3.29E+00	0.00E+00	-1.64E-08	-9.25E-08	-6.34E-03	0.00E+00	-8.23E-01	0.00E+00	-3.29E+00	-1.16E-04	-3.29E+00	-4.68E+00	-8.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+02
NF400A	-1.70E-02	-1.63E-01	-1.38E-03	-1.02E-01	0.00E+00	0.00E+00	-4.89E+00	-1.74E-03	-1.38E-04	-8.55E-03	0.00E+00	0.00E+00	-3.48E-09	-1.25E-07	-8.70E-03	-2.29E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-1.60E+00	0.00E+00	-6.98E-09	-3.55E-08	-2.97E-03	0.00E+00	-6.68E-01	0.00E+00	-1.60E+00	-4.00E-05	-1.60E+00	-1.76E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
NF401A	-1.58E-02	-1.50E-01	-2.06E-03	-1.29E-01	0.00E+00	0.00E+00	-6.02E+00	-1.82E-03	1.04E-03	-8.39E-03	0.00E+00	0.00E+00	-4.01E-09	-1.55E-07	-1.16E-02	-3.46E+00	0.00E+00	0.00E+00	-5.42E+00	0.00E+00	-2.35E+00	0.00E+00	-7.40E-09	-3.61E-08	-2.86E-03	0.00E+00	-7.96E-01	0.00E+00	-2.35E+00	-3.84E-05	-2.35E+00	-3.15E+00	-7.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
NF402A	-2.02E-02	-1.51E-01	-1.71E-03	-8.73E-02	0.00E+00	0.00E+00	-4.96E+00	-2.03E-03	9.73E-04	-1.25E-02	0.00E+00	0.00E+00	-3.48E-09	-1.98E-07	-7.22E-03	-4.26E+00	0.00E+00	0.00E+00	-4.68E+00	0.00E+00	-2.77E+00	0.00E+00	-4.40E-09	-4.83E-08	-3.18E-03	0.00E+00	-7.06E-01	0.00E+00	-2.77E+00	-4.26E-05	-2.77E+00	-3.75E+00	-7.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
NF403A	-1.62E-02	-2.17E-01	-1.48E-03	-1.31E-01	0.00E+00	0.00E+00	-4.70E+00	-1.56E-03	-1.07E-04	-9.08E-03	0.00E+00	0.00E+00	-3.76E-09	-1.36E-07	-8.78E-03	-2.23E+00	0.00E+00	0.00E+00	-4.24E+00	0.00E+00	-1.83E+00	0.00E+00	-7.82E-09	-3.91E-08	-3.11E-03	0.00E+00	-6.65E-01	0.00E+00	-1.83E+00	-3.59E-05	-1.83E+00	-1.86E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
NF404A	-1.64E-02	-2.19E-01	-1.45E-03	-1.35E-01	0.00E+00	0.00E+00	-4.71E+00	-1.67E-03	-1.30E-04	-9.14E-03	0.00E+00	0.00E+00	-3.68E-09	-1.33E-07	-8.93E-03	-2.26E+00	0.00E+00	0.00E+00	-4.09E+00	0.00E+00	-1.74E+00	0.00E+00	-7.89E-09	-3.96E-08	-3.17E-03	0.00E+00	-6.70E-01	0.00E+00	-1.74E+00	-3.88E-05	-1.74E+00	-1.77E+00	-6.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
NF406A	-1.02E-02	-9.06E-02	1.72E-03	-2.68E-02	0.00E+00	0.00E+00	-1.76E+00	-1.16E-03	-1.61E-04	-6.42E-03	0.00E+00	0.00E+00	-2.17E-09	-9.37E-08	-2.38E-03	-1.59E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-7.39E-01	0.00E+00	3.88E-10	-2.31E-08	-1.82E-03	0.00E+00	-2.19E-01	0.00E+00	-7.39E-01	-2.68E-05	-7.39E-01	-8.16E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.63E+01
NF410A	-1.02E-02	-1.41E-01	6.92E-04	-8.15E-02	0.00E+00	0.00E+00	-1.48E+00	-1.19E-03	-2.09E-04	-5.61E-03	0.00E+00	0.00E+00	-3.08E-09	-9.02E-08	-3.10E-03	-1.85E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-1.11E+00	0.00E+00	-6.00E-10	-3.40E-08	-2.22E-03	0.00E+00	-3.64E-01	0.00E+00	-1.11E+00	-2.93E-05	-1.11E+00	-1.49E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-9.70E+01
NF416A	-1.08E-02	-8.59E-02	1.23E-03	-1.77E-02	0.00E+00	0.00E+00	-1.41E+00	-1.35E-03	1.38E-04	-5.61E-03	0.00E+00	0.00E+00	-2.55E-09	-1.26E-07	-4.52E-03	-1.65E+00	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-1.59E-01	0.00E+00	1.60E-09	-2.93E-08	-1.95E-03	0.00E+00	-2.23E-01	0.00E+00	-1.59E-01	-2.44E-05	-1.59E-01	-3.51E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-9.58E+01
NF420A	-1.12E-02	-7.24E-02	7.54E-04	4.81E-02	0.00E+00	0.00E+00	-1.12E+00	-1.41E-03	4.51E-04	-6.55E-03	0.00E+00	0.00E+00	-2.52E-09	-1.34E-07	-2.37E-03	-1.71E+00	0.00E+00	0.00E+00	-1.76E+00	0.00E+00	2.84E-01	0.00E+00	2.76E-09	-2.93E-08	-1.81E-03	0.00E+00	-2.65E-01	0.00E+00	2.84E-01	-2.62E-05	2.84E-01	1.93E-01	-2.65E-01	0.00E+00	0.00E+00	0.00E+00	-8.87E+01
NF425A	-1.53E-02	-7.28E-03	2.99E-04	-1.20E-02	0.00E+00	0.00E+00	-2.86E+00	-1.83E-03	-2.25E-04	-8.15E-03	0.00E+00	0.00E+00	-4.13E-09	-2.13E-07	-1.36E-02	-1.90E+00	0.00E+00	0.00E+00	-3.52E+00	0.00E+00	-6.02E-01	0.00E+00	2.95E-09	-3.90E-08	-3.76E-03	0.00E+00	-4.74E-01	0.00E+00	-6.02E-01	-4.02E-05	-6.02E-01	-6.00E-01	-4.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
NF432A	-2.52E-02	-1.67E-01	-3.19E-03	-1.23E-01	0.00E+00	0.00E+00	-4.48E+00	-2.58E-03	-4.78E-05	-1.76E-02	0.00E+00	0.00E+00	-3.79E-09	-3.09E-07	-6.29E-03	-3.75E+00	0.00E+00	0.00E+00	-5.10E+00	0.00E+00	-2.52E+00	0.00E+00	-3.46E-09	-6.71E-08	-4.07E-03	0.00E+00	-8.53E-01	0.00E+00	-2.52E+00	-8.40E-05	-2.52E+00	-3.69E+00	-8.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
NF440A	-2.82E-02	-1.78E-01	-2.77E-03	-1.37E-01	0.00E+00	0.00E+00	-7.15E+00	-3.46E-03	9.13E-04	-2.65E-02	0.00E+00	0.00E+00	-4.36E-09	-5.50E-07	-6.35E-03	-5.05E+00	0.00E+00	0.00E+00	-6.36E+00	0.00E+00	-3.30E+00	0.00E+00	-4.56E-09	-8.08E-08	-4.71E-03	0.00E+00	-9.91E-01	0.00E+00	-3.30E+00	-9.54E-05	-3.30E+00	-4.41E+00	-9.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+02
NF450A	-2.78E-02	-3.96E-02	7.38E-04	-3.42E-02	0.00E+00	0.00E+00	-7.02E+00	-3.14E-03	1.00E-03	-2.28E-02	0.00E+00	0.00E+00	-6.19E-09	-4.49E-07	-6.56E-03	-3.75E+00	0.00E+00	0.00E+00	-6.35E+00	0.00E+00	-1.92E+00	0.00E+00	1.05E-08	-5.52E-08	-3.00E-03	0.00E+00	-8.82E-01	0.00E+00	-1.92E+00	-8.64E-05	-1.92E+00	-1.93E+00	-8.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
NF463A	-2.67E-02	-1.32E-01	-4.11E-03	-1.61E-01	0.00E+00	0.00E+00	-7.32E+00	-3.67E-03	7.72E-04	-2.22E-02	0.00E+00	0.00E+00	-6.99E-09	-4.06E-07	-1.90E-03	-4.15E+00	0.00E+00	0.00E+00	-6.63E+00	0.00E+00	-1.17E+00	0.00E+00	-6.31E-09	-6.25E-08	-4.98E-03	0.00E+00	-1.01E+00	0.00E+00	-1.17E+00	-7.02E-05	-1.17E+00	-2.30E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
NFN100	-5.11E-03	-5.44E-02	-7.59E-06	-2.62E-02	0.00E+00	0.00E+00	-1.10E+00	-4.36E-04	9.24E-06	-2.42E-03	0.00E+00	0.00E+00	-9.98E-10	-5.45E-08	-1.53E-03	-8.90E-01	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-3.08E-01	0.00E+00	6.21E-11	-1.12E-08	-6.48E-04	0.00E+00	-1.26E-01	0.00E+00	-3.08E-01	-1.43E-05	-3.08E-01	-6.82E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-5.60E+01
NFN101	-5.23E-03	-4.92E-02	-8.00E-05	-2.03E-02	0.00E+00	0.00E+00	-1.08E+00	-4.53E-04	3.30E-06	-2.31E-03	0.00E+00	0.00E+00	-9.83E-10	-6.08E-08	-1.47E-03	-9.39E-01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-3.04E-01	0.00E+00	3.58E-10	-1.12E-08	-6.07E-04	0.00E+00	-1.28E-01	0.00E+00	-3.04E-01	-1.42E-05	-3.04E-01	-6.43E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.57E+01
NFN102	-3.77E-04	-1.05E-01	-6.86E-04	-1.05E-01	0.00E+00	0.00E+00	-2.28E-01	-4.31E-05	1.40E-04	-1.07E-03	0.00E+00	0.00E+00	-1.03E-09	-2.12E-09	-7.32E-03	-6.66E-01	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-9.99E-01	0.00E+00	-3.09E-09	-8.93E-09	-4.95E-04	0.00E+00	-1.88E-01	0.00E+00	-9.99E-01	-2.33E-06	-9.99E-01	-1.19E+00	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
NFN103	-5.25E-03	-5.37E-02	-2.05E-04	-3.29E-02	0.00E+00	0.00E+00	-1.06E+00	-4.22E-04	3.22E-06	-2.50E-03	0.00E+00	0.00E+00	-9.37E-10	-5.40E-08	-1.48E-03	-9.83E-01	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-3.12E-01	0.00E+00	3.59E-10	-1.09E-08	-6.05E-04	0.00E+00	-1.24E-01	0.00E+00	-3.12E-01	-1.49E-05	-3.12E-01	-6.75E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NFN104	-5.33E-03	-4.65E-02	-8.76E-07	-1.32E-02	0.00E+00	0.00E+00	-1.17E+00	-4.68E-04	3.84E-05	-2.70E-03	0.00E+00	0.00E+00	-9.47E-10	-6.52E-08	-1.16E-03	-9.53E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-2.75E-01	0.00E+00	6.34E-10	-1.11E-08	-6.00E-04	0.00E+00	-1.24E-01	0.00E+00	-2.75E-01	-1.54E-05	-2.75E-01	-6.56E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
NFN106	6.89E-04	1.52E-01	3.57E-03	1.49E-01	0.00E+00	0.00E+00	8.67E-01	1.49E-06	3.07E-04	1.34E-03	0.00E+00	0.00E+00	9.79E-11	3.76E-09	5.58E-03	-1.23E-01	0.00E+00	0.00E+00	5.63E-01	0.00E+00	1.15E+00	0.00E+00	9.50E-09	4.23E-09	3.43E-04	0.00E+00	5.79E-02	0.00E+00	1.15E+00	1.37E-07	1.15E+00	1.20E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
NFN110	-2.12E-04	-7.75E-02	4.26E-05	-7.76E-02	0.00E+00	0.00E+00	-6.21E-02	-3.75E-05	1.62E-04	-8.09E-04	0.00E+00	0.00E+00	-8.02E-10	-1.21E-09	1.09E-04	-3.86E-01	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	-6.41E-01	0.00E+00	-1.90E-09	-6.53E-09	-3.86E-04	0.00E+00	-8.18E-02	0.00E+00	-6.41E-01	-1.92E-06	-6.41E-01	-7.23E-01	-8.18E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
NFN113	-2.81E-03	5.25E-03	5.29E-04	5.90E-03	0.00E+00	0.00E+00	-5.01E-01	-3.09E-04	4.18E-05	-1.32E-03	0.00E+00	0.00E+00	-8.50E-10	-4.16E-08	-2.24E-04	-6.63E-01	0.00E+00	0.00E+00	-7.06E-01	0.00E+00	-1.73E-01	0.00E+00	2.10E-09	-7.28E-09	-4.95E-04	0.00E+00	-8.23E-02	0.00E+00	-1.73E-01	-1.02E-05	-1.73E-01	-3.12E-01	-8.23E-02	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
NFN116	-1.04E-04	-1.41E-02	3.55E-04	-1.44E-02	0.00E+00	0.00E+00	-1.22E-01	-4.29E-05	2.56E-04	-3.61E-04	0.00E+00	0.00E+00	-8.80E-10	-1.16E-09	-6.25E-03	-1.68E-01	0.00E+00	0.00E+00	-5.45E-01	0.00E+00	-7.14E-01	0.00E+00	-7.10E-10	-7.02E-09	-3.24E-04	0.00E+00	-8.70E-02	0.00E+00	-7.14E-01	-2.09E-06	-7.14E-01	-8.01E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
NFN120	1.07E-03	1.44E-01	4.25E-03	1.40E-01	0.00E+00	0.00E+00	8.87E-01	-3.65E-06	6.34E-04	1.24E-03	0.00E+00	0.00E+00	3.56E-11	6.77E-09	5.60E-03	2.01E-01	0.00E+00	0.00E+00	6.56E-01	0.00E+00	1.09E+00	0.00E+00	9.52E-09	3.93E-09	3.10E-04	0.00E+00	1.15E-01	0.00E+00	1.09E+00	-6.84E-08	1.09E+00	1.21E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
NFN125	3.46E-04	1.63E-02	1.47E-03	1.49E-02	0.00E+00	0.00E+00	1.53E-01	-3.56E-05	5.18E-04	-3.24E-05	0.00E+00	0.00E+00	-7.26E-10	2.22E-09	-5.00E-03	-1.58E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	-3.14E-01	0.00E+00	1.80E-09	-4.61E-09	-1.76E-04	0.00E+00	-6.46E-02	0.00E+00	-3.14E-01	-1.82E-06	-3.14E-01	-3.78E-01	-6.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
NFN132	-1.09E-02	-5.09E-02	-4.59E-04	-5.04E-02	0.00E+00	0.00E+00	-2.19E+00	-1.10E-03	-4.52E-04	-5.91E-03	0.00E+00	0.00E+00	-1.39E-09	-1.28E-07	8.40E-04	-1.25E+00	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-3.76E-01	0.00E+00	-3.32E-10	-1.97E-08	-1.72E-03	0.00E+00	-2.14E-01	0.00E+00	-3.76E-01	-3.18E-05	-3.76E-01	-5.91E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
NFN140	1.16E-03	8.40E-02	3.58E-03	8.04E-02	0.00E+00	0.00E+00	5.02E-01	-2.89E-05	9.97E-04	6.21E-04	0.00E+00	0.00E+00	-4.25E-10	7.73E-09	-3.14E-03	-1.29E-01	0.00E+00	0.00E+00	1.67E-01	0.00E+00	2.88E-01	0.00E+00	5.83E-09	-8.91E-10	6.42E-05	0.00E+00	-1.02E-02	0.00E+00	2.88E-01	-1.33E-06	2.88E-01	2.78E-01	-1.02E-02	0.00E+00	0.00E+00	0.00E+00	4.58E+00
NFN150	-2.69E-03	3.69E-02	2.18E-03	5.00E-02	0.00E+00	0.00E+00	-9.39E-02	-4.72E-04	1.97E-04	-9.51E-04	0.00E+00	0.00E+00	-7.05E-10	-4.93E-08	8.14E-04	-6.92E-01	0.00E+00	0.00E+00	-2.18E-01	0.00E+00	3.71E-01	0.00E+00	7.56E-09	-6.09E-09	-4.27E-04	0.00E+00	-1.12E-01	0.00E+00	3.71E-01	-1.48E-05	3.71E-01	2.12E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
NFN163	1.01E-03	-2.90E-02	3.03E-03	-3.20E-02	0.00E+00	0.00E+00	4.75E-01	-2.89E-05	9.72E-04	-2.54E-04	0.00E+00	0.00E+00	-4.28E-10	8.09E-09	-4.27E-03	-3.78E-01	0.00E+00	0.00E+00	1.50E-01	0.00E+00	1.69E-02	0.00E+00	2.86E-09	-2.37E-09	-1.30E-04	0.00E+00	-5.20E-02	0.00E+00	1.69E-02	-1.36E-06	1.69E-02	-3.50E-02	-5.20E-02	0.00E+00	0.00E+00	0.00E+00	4.52E+00
NFN200	-6.31E-03	-5.99E-02	2.40E-04	-4.03E-02	0.00E+00	0.00E+00	-1.95E+00	-4.94E-04	-1.05E-04	-3.21E-03	0.00E+00	0.00E+00	-2.23E-09	-1.29E-07	-6.46E-03	-1.35E+00	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-4.64E-01	0.00E+00	1.06E-09	-1.47E-08	-8.27E-04	0.00E+00	-2.24E-01	0.00E+00	-4.64E-01	-3.97E-05	-4.64E-01	-7.11E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-8.36E+01
NFN201	-6.66E-03	-5.66E-02	1.41E-04	-3.00E-02	0.00E+00	0.00E+00	-2.16E+00	-5.12E-04	-1.44E-04	-3.29E-03	0.00E+00	0.00E+00	-2.21E-09	-1.35E-07	-6.22E-03	-1.24E+00	0.00E+00	0.00E+00	-2.00E+00	0.00E+00	-5.08E-01	0.00E+00	1.03E-09	-1.45E-08	-8.46E-04	0.00E+00	-2.16E-01	0.00E+00	-5.08E-01	-3.91E-05	-5.08E-01	-7.65E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-8.81E+01
NFN202	-6.92E-03	-6.64E-02	2.18E-04	-4.66E-02	0.00E+00	0.00E+00	-2.54E+00	-5.87E-04	-1.09E-04	-3.37E-03	0.00E+00	0.00E+00	-2.40E-09	-1.49E-07	-6.85E-03	-2.23E+00	0.00E+00	0.00E+00	-2.54E+00	0.00E+00	-6.18E-01	0.00E+00	1.01E-09	-1.70E-08	-1.10E-03	0.00E+00	-4.00E-01	0.00E+00	-6.18E-01	-4.41E-05	-6.18E-01	-1.08E+00	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NFN203	-7.08E-03	-6.66E-02	1.27E-04	-3.99E-02	0.00E+00	0.00E+00	-2.09E+00	-6.30E-04	-1.13E-04	-3.80E-03	0.00E+00	0.00E+00	-2.39E-09	-1.44E-07	-6.91E-03	-1.28E+00	0.00E+00	0.00E+00	-2.28E+00	0.00E+00	-5.72E-01	0.00E+00	7.33E-10	-1.71E-08	-1.06E-03	0.00E+00	-2.19E-01	0.00E+00	-5.72E-01	-4.61E-05	-5.72E-01	-8.78E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
NFN204	-7.58E-03	-6.75E-02	1.11E-04	-4.24E-02	0.00E+00	0.00E+00	-2.46E+00	-6.84E-04	-1.56E-04	-4.18E-03	0.00E+00	0.00E+00	-2.50E-09	-1.49E-07	-5.63E-03	-1.34E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-7.21E-01	0.00E+00	8.01E-11	-2.03E-08	-1.11E-03	0.00E+00	-2.15E-01	0.00E+00	-7.21E-01	-4.67E-05	-7.21E-01	-1.08E+00	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NFN206	-2.93E-04	-1.49E-01	1.88E-05	-1.49E-01	0.00E+00	0.00E+00	-9.35E-02	-5.48E-05	2.62E-04	-1.46E-03	0.00E+00	0.00E+00	-1.57E-09	-8.11E-10	6.60E-04	-7.28E-01	0.00E+00	0.00E+00	-8.52E-01	0.00E+00	-1.21E+00	0.00E+00	-3.32E-09	-1.25E-08	-7.27E-04	0.00E+00	-1.57E-01	0.00E+00	-1.21E+00	-3.06E-06	-1.21E+00	-1.36E+00	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.76E+01
NFN210	-8.64E-04	-2.41E-01	-1.50E-03	-2.39E-01	0.00E+00	0.00E+00	-4.74E-01	-8.60E-05	2.56E-04	-2.40E-03	0.00E+00	0.00E+00	-1.96E-09	-4.27E-09	-2.29E-02	-1.27E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-2.26E+00	0.00E+00	-7.90E-09	-1.88E-08	-1.06E-03	0.00E+00	-4.07E-01	0.00E+00	-2.26E+00	-4.53E-06	-2.26E+00	-2.66E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
NFN216	-2.47E-04	-1.95E-01	-1.89E-04	-1.95E-01	0.00E+00	0.00E+00	-2.88E-01	-6.59E-05	4.27E-04	-1.90E-03	0.00E+00	0.00E+00	-1.76E-09	1.18E-11	-6.68E-04	-1.05E+00	0.00E+00	0.00E+00	-9.34E-01	0.00E+00	-1.70E+00	0.00E+00	-6.28E-09	-1.54E-08	-9.02E-04	0.00E+00	-2.13E-01	0.00E+00	-1.70E+00	-3.56E-06	-1.70E+00	-1.92E+00	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
NFN220	1.54E-03	1.02E-01	7.34E-03	9.50E-02	0.00E+00	0.00E+00	1.85E+00	-1.65E-05	1.13E-03	1.03E-03	0.00E+00	0.00E+00	1.33E-10	1.16E-08	-1.11E-02	-5.35E-01	0.00E+00	0.00E+00	8.28E-01	0.00E+00	1.70E+00	0.00E+00	1.55E-08	5.03E-09	3.42E-04	0.00E+00	-5.19E-02	0.00E+00	1.70E+00	-6.32E-07	1.70E+00	1.65E+00	-5.19E-02	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NFN225	-1.57E-02	1.47E-01	2.12E-03	1.44E-01	0.00E+00	0.00E+00	-2.57E+00	-1.64E-03	-5.11E-04	-6.94E-03	0.00E+00	0.00E+00	-1.93E-09	-1.88E-07	6.68E-03	-1.57E+00	0.00E+00	0.00E+00	-2.33E+00	0.00E+00	6.51E-01	0.00E+00	9.50E-09	-2.37E-08	-2.06E-03	0.00E+00	-2.28E-01	0.00E+00	6.51E-01	-4.71E-05	6.51E-01	4.23E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NFN232	1.22E-03	6.42E-02	3.58E-03	6.06E-02	0.00E+00	0.00E+00	2.46E-01	-7.72E-05	1.41E-03	1.77E-04	0.00E+00	0.00E+00	-1.62E-09	7.51E-09	3.78E-03	-2.62E-01	0.00E+00	0.00E+00	-5.57E-01	0.00E+00	-4.96E-01	0.00E+00	4.21E-09	-8.72E-09	-3.10E-04	0.00E+00	-4.82E-02	0.00E+00	-4.96E-01	-4.03E-06	-4.96E-01	-5.44E-01	-4.82E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01

NFN240	-3.00E-02	-1.30E-01	-5.69E-03	-1.24E-01	0.00E+00	0.00E+00	-7.35E+00	-3.02E-03	-1.26E-03	-1.63E-02	0.00E+00	0.00E+00	-4.90E-09	-3.51E-07	-3.55E-03	-2.81E+00	0.00E+00	0.00E+00	-6.43E+00	0.00E+00	-2.83E+00	0.00E+00	-1.00E-08	-6.24E-08	-4.98E-03	0.00E+00	-6.60E-01	0.00E+00	-2.83E+00	-8.81E-05	-2.83E+00	-3.49E+00	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+02
NFN250	1.56E-03	-1.41E-01	3.89E-03	-1.45E-01	0.00E+00	0.00E+00	4.84E-01	-6.96E-05	1.86E-03	-1.30E-03	0.00E+00	0.00E+00	-1.40E-09	1.39E-08	-1.87E-02	-1.09E+00	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	-9.39E-01	0.00E+00	7.90E-10	-1.06E-08	-5.57E-04	0.00E+00	-2.78E-01	0.00E+00	-9.39E-01	-3.74E-06	-9.39E-01	-1.22E+00	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
NFN263	-3.09E-02	-1.80E-03	-2.98E-03	1.18E-03	0.00E+00	0.00E+00	-6.81E+00	-3.14E-03	-1.21E-03	-1.58E-02	0.00E+00	0.00E+00	-4.20E-09	-3.64E-07	7.08E-04	-3.21E+00	0.00E+00	0.00E+00	-5.82E+00	0.00E+00	-1.40E+00	0.00E+00	-1.69E-09	-5.60E-08	-4.66E-03	0.00E+00	-6.39E-01	0.00E+00	-1.40E+00	-9.09E-05	-1.40E+00	-2.04E+00	-6.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
NFN301	-1.11E-02	-4.84E-02	-2.33E-03	-6.92E-02	0.00E+00	0.00E+00	-2.93E+00	-1.35E-03	-3.26E-04	-6.96E-03	0.00E+00	0.00E+00	-3.33E-09	-1.37E-07	-2.01E-02	-1.74E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.43E+00	0.00E+00	1.94E-09	-2.86E-08	-2.34E-03	0.00E+00	-4.05E-01	0.00E+00	-1.43E+00	-4.56E-05	-1.43E+00	-1.71E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NFN302	-1.19E-02	-7.24E-02	-2.25E-03	-9.09E-02	0.00E+00	0.00E+00	-3.07E+00	-1.33E-03	-3.24E-04	-7.17E-03	0.00E+00	0.00E+00	-3.44E-09	-1.48E-07	-1.97E-02	-1.76E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.67E+00	0.00E+00	1.24E-09	-3.04E-08	-2.44E-03	0.00E+00	-4.45E-01	0.00E+00	-1.67E+00	-4.99E-05	-1.67E+00	-2.05E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NFN303	-1.19E-02	-8.36E-02	-2.26E-03	-8.85E-02	0.00E+00	0.00E+00	-2.98E+00	-1.33E-03	-3.29E-04	-7.01E-03	0.00E+00	0.00E+00	-3.59E-09	-1.49E-07	-1.96E-02	-1.77E+00	0.00E+00	0.00E+00	-3.19E+00	0.00E+00	-1.69E+00	0.00E+00	7.28E-10	-3.10E-08	-2.52E-03	0.00E+00	-4.54E-01	0.00E+00	-1.69E+00	-5.32E-05	-1.69E+00	-2.01E+00	-4.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NFN304	-1.19E-02	-8.29E-02	-2.00E-03	-8.65E-02	0.00E+00	0.00E+00	-3.25E+00	-1.41E-03	-3.04E-04	-7.35E-03	0.00E+00	0.00E+00	-3.68E-09	-1.39E-07	-2.06E-02	-1.78E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-1.87E+00	0.00E+00	9.61E-10	-3.26E-08	-2.60E-03	0.00E+00	-4.43E-01	0.00E+00	-1.87E+00	-5.21E-05	-1.87E+00	-2.20E+00	-4.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NFN306	-8.69E-03	-7.83E-02	-2.01E-03	-6.83E-02	0.00E+00	0.00E+00	-2.05E+00	-8.01E-04	-9.02E-05	-4.85E-03	0.00E+00	0.00E+00	-3.13E-09	-1.30E-07	-2.20E-02	-1.73E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-1.27E+00	0.00E+00	2.20E-09	-2.62E-08	-1.55E-03	0.00E+00	-3.74E-01	0.00E+00	-1.27E+00	-4.26E-05	-1.27E+00	-1.63E+00	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-9.86E+01
NFN310	-1.24E-02	-4.02E-01	-5.18E-03	-3.97E-01	0.00E+00	0.00E+00	-3.52E+00	-1.18E-03	-7.21E-04	-9.25E-03	0.00E+00	0.00E+00	-4.03E-09	-1.36E-07	-5.05E-03	-2.93E+00	0.00E+00	0.00E+00	-3.85E+00	0.00E+00	-3.84E+00	0.00E+00	-1.73E-08	-4.56E-08	-3.23E-03	0.00E+00	-6.35E-01	0.00E+00	-3.84E+00	-3.65E-05	-3.84E+00	-4.47E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NFN313	-1.01E-02	-1.04E-01	-2.01E-03	-1.15E-01	0.00E+00	0.00E+00	-2.40E+00	-1.07E-03	-1.29E-04	-5.00E-03	0.00E+00	0.00E+00	-3.88E-09	-1.01E-07	-2.25E-02	-2.24E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-1.85E+00	0.00E+00	9.67E-10	-2.98E-08	-2.07E-03	0.00E+00	-5.05E-01	0.00E+00	-1.85E+00	-4.71E-05	-1.85E+00	-2.06E+00	-5.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NFN316	-1.50E-02	-3.61E-01	-4.98E-03	-3.56E-01	0.00E+00	0.00E+00	-3.77E+00	-1.43E-03	-7.98E-04	-1.02E-02	0.00E+00	0.00E+00	-4.11E-09	-1.66E-07	-3.57E-02	-2.27E+00	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-3.75E+00	0.00E+00	-1.37E-08	-4.83E-08	-3.44E-03	0.00E+00	-7.32E-01	0.00E+00	-3.75E+00	-4.36E-05	-3.75E+00	-4.48E+00	-7.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NFN320	-2.65E-02	-4.85E-01	-7.84E-03	-4.77E-01	0.00E+00	0.00E+00	-6.58E+00	-2.57E-03	-1.34E-03	-1.69E-02	0.00E+00	0.00E+00	-5.46E-09	-2.98E-07	-3.87E-02	-4.17E+00	0.00E+00	0.00E+00	-6.96E+00	0.00E+00	-4.76E+00	0.00E+00	-2.00E-08	-6.98E-08	-5.28E-03	0.00E+00	-1.10E+00	0.00E+00	-4.76E+00	-7.65E-05	-4.76E+00	-5.86E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E+02
NFN325	-2.45E-02	-7.04E-02	1.78E-03	-7.21E-02	0.00E+00	0.00E+00	-3.98E+00	-2.48E-03	-9.87E-04	-1.28E-02	0.00E+00	0.00E+00	-2.70E-09	-2.86E-07	-2.52E-02	-3.50E+00	0.00E+00	0.00E+00	-3.76E+00	0.00E+00	-1.04E-01	0.00E+00	6.74E-09	-4.17E-08	-3.66E-03	0.00E+00	-6.87E-01	0.00E+00	-1.04E-01	-7.14E-05	-1.04E-01	-7.91E-01	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NFN332	-3.28E-02	-1.96E-01	-1.81E-03	-1.94E-01	0.00E+00	0.00E+00	-6.62E+00	-3.31E-03	-1.38E-03	-1.81E-02	0.00E+00	0.00E+00	-4.20E-09	-3.83E-07	2.16E-03	-4.03E+00	0.00E+00	0.00E+00	-5.45E+00	0.00E+00	-1.34E+00	0.00E+00	-3.00E-09	-6.01E-08	-5.23E-03	0.00E+00	-6.96E-01	0.00E+00	-1.34E+00	-9.56E-05	-1.34E+00	-2.04E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+02
NFN340	-4.45E-02	-2.02E-01	-4.00E-03	-1.98E-01	0.00E+00	0.00E+00	-9.37E+00	-4.49E-03	-1.87E-03	-2.41E-02	0.00E+00	0.00E+00	-5.54E-09	-5.22E-07	1.12E-03	-4.69E+00	0.00E+00	0.00E+00	-7.81E+00	0.00E+00	-1.71E+00	0.00E+00	-4.11E-09	-7.84E-08	-6.87E-03	0.00E+00	-8.85E-01	0.00E+00	-1.71E+00	-1.30E-04	-1.71E+00	-2.59E+00	-8.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.43E+02
NFN350	2.95E-03	-1.59E-01	6.58E-03	-1.66E-01	0.00E+00	0.00E+00	8.38E-01	-7.45E-05	2.87E-03	-1.36E-03	0.00E+00	0.00E+00	-2.05E-09	2.51E-08	4.65E-03	-1.40E+00	0.00E+00	0.00E+00	-3.08E-01	0.00E+00	-7.78E-01	0.00E+00	2.69E-09	-1.21E-08	-6.65E-04	0.00E+00	-1.82E-01	0.00E+00	-7.78E-01	-4.51E-06	-7.78E-01	-9.59E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
NFN363	-4.72E-02	-3.18E-01	-5.71E-03	-3.13E-01	0.00E+00	0.00E+00	-1.00E+01	-4.72E-03	-2.04E-03	-2.61E-02	0.00E+00	0.00E+00	-5.94E-09	-5.49E-07	-3.31E-02	-5.51E+00	0.00E+00	0.00E+00	-8.99E+00	0.00E+00	-2.72E+00	0.00E+00	-8.24E-09	-8.72E-08	-7.45E-03	0.00E+00	-1.24E+00	0.00E+00	-2.72E+00	-1.37E-04	-2.72E+00	-3.96E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+02
NFN400	-2.05E-02	-1.39E-01	-5.28E-03	-6.40E-02	0.00E+00	0.00E+00	-5.25E+00	-1.96E-03	-1.36E-04	-9.69E-03	0.00E+00	0.00E+00	-4.22E-09	-1.74E-07	-5.75E-03	-2.64E+00	0.00E+00	0.00E+00	-5.05E+00	0.00E+00	-2.45E+00	0.00E+00	-7.93E-09	-5.17E-08	-3.26E-03	0.00E+00	-8.65E-01	0.00E+00	-2.45E+00	-5.11E-05	-2.45E+00	-3.08E+00	-8.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NFN401	-1.60E-02	-1.60E-01	-5.20E-03	-3.69E-02	0.00E+00	0.00E+00	-4.57E+00	-1.52E-03	-3.31E-04	-8.55E-03	0.00E+00	0.00E+00	-3.77E-09	-1.70E-07	-7.31E-03	-2.20E+00	0.00E+00	0.00E+00	-4.60E+00	0.00E+00	-2.23E+00	0.00E+00	-5.95E-09	-4.67E-08	-3.11E-03	0.00E+00	-6.21E-01	0.00E+00	-2.23E+00	-5.05E-05	-2.23E+00	-2.79E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
NFN402	-2.15E-02	-1.85E-01	-4.96E-03	-7.77E-02	0.00E+00	0.00E+00	-5.07E+00	-1.93E-03	-2.30E-04	-1.01E-02	0.00E+00	0.00E+00	-4.38E-09	-2.18E-07	-7.18E-03	-3.11E+00	0.00E+00	0.00E+00	-5.22E+00	0.00E+00	-2.81E+00	0.00E+00	-8.21E-09	-5.50E-08	-3.77E-03	0.00E+00	-7.87E-01	0.00E+00	-2.81E+00	-6.09E-05	-2.81E+00	-3.45E+00	-7.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NFN403	-2.07E-02	-1.58E-01	-5.00E-03	-7.88E-02	0.00E+00	0.00E+00	-4.74E+00	-1.95E-03	-2.10E-04	-9.65E-03	0.00E+00	0.00E+00	-4.38E-09	-2.01E-07	-5.91E-03	-2.82E+00	0.00E+00	0.00E+00	-4.47E+00	0.00E+00	-2.51E+00	0.00E+00	-7.67E-09	-5.75E-08	-3.94E-03	0.00E+00	-7.77E-01	0.00E+00	-2.51E+00	-5.92E-05	-2.51E+00	-3.01E+00	-7.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
NFN404	-2.18E-02	-1.78E-01	-6.39E-03	-3.99E-02	0.00E+00	0.00E+00	-3.85E+00	-1.87E-03	-4.81E-04	-1.22E-02	0.00E+00	0.00E+00	-4.07E-09	-2.52E-07	-7.46E-03	-2.26E+00	0.00E+00	0.00E+00	-4.20E+00	0.00E+00	-2.36E+00	0.00E+00	-3.60E-09	-6.46E-08	-4.71E-03	0.00E+00	-6.51E-01	0.00E+00	-2.36E+00	-6.88E-05	-2.36E+00	-2.70E+00	-6.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
NFN406	-1.55E-02	-1.64E-01	-5.26E-03	-5.73E-02	0.00E+00	0.00E+00	-2.68E+00	-1.51E-03	-2.02E-04	-7.34E-03	0.00E+00	0.00E+00	-3.76E-09	-1.47E-07	-6.05E-03	-2.88E+00	0.00E+00	0.00E+00	-3.31E+00	0.00E+00	-1.97E+00	0.00E+00	-1.84E-09	-4.36E-08	-2.97E-03	0.00E+00	-6.75E-01	0.00E+00	-1.97E+00	-5.04E-05	-1.97E+00	-2.46E+00	-6.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
NFN410	-9.42E-04	-3.03E-01	9.35E-04	-3.04E-01	0.00E+00	0.00E+00	-8.39E-02	-1.49E-04	6.54E-04	-3.15E-03	0.00E+00	0.00E+00	-2.92E-09	-4.61E-09	-4.04E-02	-1.79E+00	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	-2.79E+00	0.00E+00	-5.46E-09	-2.73E-08	-1.52E-03	0.00E+00	-5.68E-01	0.00E+00	-2.79E+00	-7.15E-06	-2.79E+00	-3.36E+00	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
NFN416	-2.01E-02	-5.28E-01	-7.11E-03	-5.21E-01	0.00E+00	0.00E+00	-5.06E+00	-1.91E-03	-1.09E-03	-1.40E-02	0.00E+00	0.00E+00	-5.54E-09	-2.21E-07	-4.74E-02	-3.42E+00	0.00E+00	0.00E+00	-6.38E+00	0.00E+00	-5.13E+00	0.00E+00	-1.96E-08	-6.52E-08	-4.66E-03	0.00E+00	-1.04E+00	0.00E+00	-5.13E+00	-5.83E-05	-5.13E+00	-6.17E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
NFN420	1.21E-03	-2.75E-01	4.87E-03	-2.80E-01	0.00E+00	0.00E+00	7.09E-01	-1.01E-04	1.90E-03	-2.51E-03	0.00E+00	0.00E+00	-2.56E-09	1.39E-08	-3.77E-02	-1.61E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.99E+00	0.00E+00	-3.94E-10	-2.19E-08	-1.21E-03	0.00E+00	-4.65E-01	0.00E+00	-1.99E+00	-5.35E-06	-1.99E+00	-2.45E+00	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
NFN425	1.52E-03	-2.33E-01	5.45E-03	-2.38E-01	0.00E+00	0.00E+00	7.10E-01	-1.01E-04	1.93E-03	-2.12E-03	0.00E+00	0.00E+00	-2.54E-09	1.43E-08	4.89E-03	-2.14E+00	0.00E+00	0.00E+00	-4.27E-01	0.00E+00	-1.38E+00	0.00E+00	-1.15E-10	-1.88E-08	-1.09E-03	0.00E+00	-2.87E-01	0.00E+00	-1.38E+00	-5.39E-06	-1.38E+00	-1.67E+00	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
NFN432	-4.36E-02	-1.37E-01	7.20E-05	-1.37E-01	0.00E+00	0.00E+00	-8.22E+00	-4.43E-03	-1.79E-03	-2.31E-02	0.00E+00	0.00E+00	-4.99E-09	-5.13E-07	6.90E-03	-4.51E+00	0.00E+00	0.00E+00	-6.52E+00	0.00E+00	-4.14E-01	0.00E+00	4.31E-09	-7.25E-08	-6.57E-03	0.00E+00	-7.24E-01	0.00E+00	-4.14E-01	-1.27E-04	-4.14E-01	-1.14E+00	-7.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
NFN440	3.93E-03	-9.54E-02	1.17E-02	-1.07E-01	0.00E+00	0.00E+00	1.76E+00	-1.16E-04	3.71E-03	-8.44E-04	0.00E+00	0.00E+00	-1.76E-09	3.04E-08	9.92E-03	-1.82E+00	0.00E+00	0.00E+00	8.47E-01	0.00E+00	3.26E-01	0.00E+00	1.07E-08	-8.27E-09	-4.85E-04	0.00E+00	-1.11E-01	0.00E+00	3.26E-01	-5.51E-06	3.26E-01	2.15E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NFN450	3.84E-03	-2.17E-01	9.62E-03	-2.27E-01	0.00E+00	0.00E+00	1.30E+00	-9.81E-05	3.82E-03	-1.87E-03	0.00E+00	0.00E+00	-2.35E-09	3.38E-08	-3.53E-02	-1.06E+00	0.00E+00	0.00E+00	-3.99E-01	0.00E+00	-1.26E+00	0.00E+00	5.30E-09	-1.68E-08	-8.92E-04	0.00E+00	-3.14E-01	0.00E+00	-1.26E+00	-5.29E-06	-1.26E+00	-1.57E+00	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
NFN463	7.23E-03	7.25E-01	2.25E-02	7.03E-01	0.00E+00	0.00E+00	4.57E+00	7.19E-06	4.56E-03	6.52E-03	0.00E+00	0.00E+00	3.65E-10	4.91E-08	2.78E-02	6.36E-01	0.00E+00	0.00E+00	3.13E+00	0.00E+00	5.84E+00	0.00E+00	4.90E-08	2.46E-08	1.89E-03	0.00E+00	4.91E-01	0.00E+00	5.84E+00	-3.32E-08	5.84E+00	6.33E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NFN706	-5.68E-03	-8.64E-03	7.38E-04	1.54E-02	0.00E+00	0.00E+00	-1.52E+00	-4.81E-04	-1.96E-04	-2.94E-03	0.00E+00	0.00E+00	-2.09E-09	-1.22E-07	-5.17E-03	-1.04E+00	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-2.64E-01	0.00E+00	3.75E-09	-1.24E-08	-6.86E-04	0.00E+00	-2.01E-01	0.00E+00	-2.64E-01	-3.32E-05	-2.64E-01	-4.77E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.54E+01
NFN710	-5.63E-03	-1.16E-02	8.59E-04	-6.84E-03	0.00E+00	0.00E+00	-1.63E+00	-5.26E-04	-2.33E-04	-3.01E-03	0.00E+00	0.00E+00	-2.18E-09	-1.21E-07	-5.26E-03	-2.09E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-2.88E-01	0.00E+00	3.82E-09	-1.35E-08	-7.70E-04	0.00E+00	-3.29E-01	0.00E+00	-2.88E-01	-3.50E-05	-2.88E-01	-6.93E-01	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+01
NFN716	6.58E-04	4.62E-02	5.01E-03	4.12E-02	0.00E+00	0.00E+00	1.34E+00	-2.80E-05	6.12E-04	4.25E-04	0.00E+00	0.00E+00	-2.01E-10	5.09E-09	-1.34E-02	-5.50E-01	0.00E+00	0.00E+00	3.08E-01	0.00E+00	9.65E-01	0.00E+00	1.10E-08	5.59E-10	7.65E-05	0.00E+00	-1.06E-01	0.00E+00	9.65E-01	-1.21E-06	9.65E-01	8.58E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+00
NFN720	-6.09E-03	-1.50E-02	9.91E-04	-1.57E-02	0.00E+00	0.00E+00	-2.10E+00	-6.02E-04	-3.35E-04	-3.74E-03	0.00E+00	0.00E+00	-2.45E-09	-1.51E-07	-4.39E-03	-1.85E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-4.08E-01	0.00E+00	3.87E-09	-1.69E-08	-9.18E-04	0.00E+00	-3.05E-01	0.00E+00	-4.08E-01	-4.46E-05	-4.08E-01	-9.63E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.50E+01
NFN725	-4.95E-03	3.01E-04	1.36E-03	-1.72E-02	0.00E+00	0.00E+00	-2.06E+00	-4.29E-04	-1.05E-04	-2.78E-03	0.00E+00	0.00E+00	-2.37E-09	-1.42E-07	-4.40E-03	-1.85E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-5.46E-01	0.00E+00	3.30E-09	-1.53E-08	-7.58E-04	0.00E+00	-3.19E-01	0.00E+00	-5.46E-01	-4.59E-05	-5.46E-01	-9.76E-01	-3.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.97E+01
NFN732	-3.97E-03	1.09E-02	1.58E-03	1.27E-02	0.00E+00	0.00E+00	-2.17E+00	-3.85E-04	-8.22E-05	-2.44E-03	0.00E+00	0.00E+00	-2.17E-09	-1.40E-07	-4.30E-03	-1.04E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-2.39E-01	0.00E+00	4.42E-09	-1.33E-08	-6.20E-04	0.00E+00	-1.97E-01	0.00E+00	-2.39E-01	-4.75E-05	-2.39E-01	-6.20E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-9.38E+01
NFN740	-8.02E-03	-5.12E-03	7.44E-04	-1.19E-03	0.00E+00	0.00E+00	-2.57E+00	-6.08E-04	-2.89E-04	-3.55E-03	0.00E+00	0.00E+00	-2.44E-09	-1.91E-07	-2.16E-03	-1.40E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-4.01E-01	0.00E+00	4.03E-09	-1.87E-08	-1.02E-03	0.00E+00	-2.93E-01	0.00E+00	-4.01E-01	-5.33E-05	-4.01E-01	-6.72E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
NFN750	-9.00E-03	3.51E-02	-2.61E-04	3.76E-02	0.00E+00	0.00E+00	-2.86E+00	-9.20E-04	-2.45E-04	-6.10E-03	0.00E+00	0.00E+00	-2.57E-09	-2.20E-07	-2.90E-03	-1.45E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-2.60E-01	0.00E+00	4.43E-09	-1.97E-08	-1.73E-03	0.00E+00	-2.72E-01	0.00E+00	-2.60E-01	-5.52E-05	-2.60E-01	-7.12E-01	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NFN763	-1.68E-02	3.43E-02	-1.41E-03	2.84E-03	0.00E+00	0.00E+00	-4.34E+00	-1.90E-03	-1.80E-04	-8.57E-03	0.00E+00	0.00E+00	-3.92E-09	-3.05E-07	-2.69E-03	-1.39E+00	0.00E+00	0.00E+00	-3.56E+00	0.00E+00	-4.36E-01	0.00E+00	4.40E-09	-2.84E-08	-3.02E-03	0.00E+00	-4.01E-01	0.00E+00	-4.36E-01	-8.52E-05	-4.36E-01	-7.29E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NFT306	-1.25E-02	-4.09E-01	-6.12E-03	-4.03E-01	0.00E+00	0.00E+00	-3.46E+00	-1.16E-03	-7.36E-04	-9.14E-03	0.00E+00	0.00E+00	-3.66E-09	-1.35E-07	-3.78E-02	-3.86E+00	0.00E+00	0.00E+00	-4.48E+00	0.00E+00	-3.97E+00	0.00E+00	-1.69E-08	-4.45E-08	-3.05E-03	0.00E+00	-9.84E-01	0.00E+00	-3.97E+00	-3.60E-05	-3.97E+00	-4.95E+00	-9.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
NFT310	-1.49E-02	-4.24E-01	-6.50E-03	-4.18E-01	0.00E+00	0.00E+00	-4.04E+00	-1.40E-03	-8.40E-04	-1.05E-02	0.00E+00	0.00E+00	-3.91E-09	-1.63E-07	-3.82E-02	-4.06E+00	0.00E+00	0.00E+00	-4.88E+00	0.00E+00	-4.13E+00	0.00E+00	-1.78E-08	-4.88E-08	-3.43E-03	0.00E+00	-1.02E+00	0.00E+00	-4.13E+00	-4.29E-05	-4.13E+00	-5.16E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
NFT316	-1.76E-02	-4.44E-01	-7.06E-03	-4.37E-01	0.00E+00	0.00E+00	-4.70E+00	-1.67E-03	-9.59E-04	-1.20E-02	0.00E+00	0.00E+00	-4.25E-09	-1.94E-07	-3.88E-02	-4.29E+00	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-4.35E+00	0.00E+00	-1.89E-08	-5.38E-08	-3.86E-03	0.00E+00	-1.08E+00	0.00E+00	-4.35E+00	-5.06E-05	-4.35E+00	-5.42E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
NFT320	-2.28E-02	-4.83E-01	-8.21E-03	-4.75E-01	0.00E+00	0.00E+00	-5.97E+00	-2.18E-03	-1.19E-03	-1.49E-02	0.00E+00	0.00E+00	-4.91E-09	-2.55E-07	-3.99E-02	-4.74E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-4.78E+00	0.00E+00	-2.12E-08	-6.36E-08	-4.69E-03	0.00E+00	-1.18E+00	0.00E+00	-4.78E+00	-6.55E-05	-4.78E+00	-5.96E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
NFT325	-2.28E-02	-4.83E-01	-8.21E-03	-4.75E-01	0.00E+00	0.00E+00	-5.97E+00	-2.18E-03	-1.19E-03	-1.49E-02	0.00E+00	0.00E+00	-4.91E-09	-2.55E-07	-3.99E-02	-4.74E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-4.78E+00	0.00E+00	-2.12E-08	-6.36E-08	-4.69E-03	0.00E+00	-1.18E+00	0.00E+00	-4.78E+00	-6.55E-05	-4.78E+00	-5.96E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
NFT332	-3.24E-02	-5.31E-01	-9.98E-03	-5.21E-01	0.00E+00	0.00E+00	-8.28E+00	-3.15E-03	-1.60E-03	-2.02E-02	0.00E+00	0.00E+00	-5.90E-09	-3.67E-07	-4.16E-02	-5.54E+00	0.00E+00	0.00E+00	-8.13E+00	0.00E+00	-5.32E+00	0.00E+00	-2.43E-08	-7.97E-08	-6.14E-03	0.00E+00	-1.36E+00	0.00E+00	-5.32E+00	-9.37E-05	-5.32E+00	-6.68E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-3.42E+02
NFT340	-3.61E-02	-5.50E-01	-1.07E-02	-5.40E-01	0.00E+00	0.00E+00	-9.18E+00	-3.52E-03	-1.76E-03	-2.22E-02	0.00E+00	0.00E+00	-6.31E-09	-4.11E-07	-4.23E-02	-5.86E+00	0.00E+00	0.00E+00	-8.83E+00	0.00E+00	-5.55E+00	0.00E+00	-2.55E-08	-8.61E-08	-6.70E-03	0.00E+00	-1.43E+00	0.00E+00	-5.55E+00	-1.04E-04	-5.55E+00	-6.98E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-3.72E+02
NFT701	-3.85E-03	-6.08E-02	7.04E-05	-3.03E-02	0.00E+00	0.00E+00	-8.69E-01	-2.96E-04	4.20E-05	-2.19E-03	0.00E+00	0.00E+00	-8.69E-10	-2.96E-08	-2.95E-03	-8.32E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-3.42E-01	0.00E+00	4.89E-10	-9.39E-09	-4.94E-04	0.00E+00	-1.41E-01	0.00E+00	-3.42E-01	-1.07E-05	-3.42E-01	-7.67E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
NFT702	-4.60E-03	-1.53E-01	-2.33E-03	-1.51E-01	0.00E+00	0.00E+00	-1.30E+00	-4.29E-04	-2.73E-04	-3.39E-03	0.00E+00	0.00E+00	-1.44E-09	-4.98E-08	-7.72E-03	-1.51E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.46E+00	0.00E+00	-6.51E-09	-1.66E-08	-1.15E-03	0.00E+00	-3.43E-01	0.00E+00	-1.46E+00	-1.34E-05	-1.46E+00	-1.80E+00	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-6.85E+01
NFT703	-4.18E-03	-6.28E-02	-1.47E-04	-3.54E-02	0.00E+00	0.00E+00	-9.50E-01	-3.38E-04	4.06E-05	-2.58E-03	0.00E+00	0.00E+00	-9.25E-10	-4.43E-08	-3.27E-03	-9.86E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-3.48E-01	0.00E+00	4.98E-10	-1.06E-08	-4.98E-04	0.00E+00	-1.62E-01	0.00E+00	-3.48E-01	-1.19E-05	-3.48E-01	-7.78E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.99E+01
NFT704	-5.32E-03	-1.58E-01	-2.49E-03	-1.56E-01	0.00E+00	0.00E+00	-1.48E+00	-5.00E-04	-3.05E-04	-3.80E-03	0.00E+00	0.00E+00	-1.53E-09	-5.81E-08	-7.87E-03	-1.57E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-1.52E+00	0.00E+00	-6.83E-09	-1.80E-08	-1.26E-03	0.00E+00	-3.58E-01	0.00E+00	-1.52E+00	-1.55E-05	-1.52E+00	-1.88E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-7.47E+01
NFT706	-3.86E-03	-1.41E-01	-1.98E-03	-1.39E-01	0.00E+00	0.00E+00	-1.11E+00	-3.58E-04	-2.37E-04	-2.94E-03	0.00E+00	0.00E+00	-1.28E-09	-4.14E-08	-7.45E-03	-1.30E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.35E+00	0.00E+00	-5.97E-09	-1.49E-08	-1.01E-03	0.00E+00	-2.97E-01	0.00E+00	-1.35E+00	-1.12E-05	-1.35E+00	-1.64E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
NFT710	-4.45E-03	-1.46E-01	-2.14E-03	-1.44E-01	0.00E+00	0.00E+00	-1.26E+00	-4.16E-04	-2.63E-04	-3.28E-03	0.00E+00	0.00E+00	-1.37E-09	-4.82E-08	-7.59E-03	-1.35E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	-1.40E+00	0.00E+00	-6.26E-09	-1.60E-08	-1.11E-03	0.00E+00	-3.11E-01	0.00E+00	-1.40E+00	-1.29E-05	-1.40E+00	-1.71E+00	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-6.36E+01
NFT716	-5.35E-03	-1.53E-01	-2.33E-03	-1.50E-01	0.00E+00	0.00E+00	-1.48E+00	-5.06E-04	-3.03E-04	-3.78E-03	0.00E+00	0.00E+00	-1.48E-09	-5.87E-08	-7.78E-03	-1.43E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.48E+00	0.00E+00	-6.64E-09	-1.77E-08	-1.26E-03	0.00E+00	-3.29E-01	0.00E+00	-1.48E+00	-1.55E-05	-1.48E+00	-1.80E+00	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-7.09E+01
NFT720	-1.14E-02	-1.43E-01	-2.81E-03	-1.41E-01	0.00E+00	0.00E+00	-2.82E+00	-1.13E-03	-5.38E-04	-6.84E-03	0.00E+00	0.00E+00	-1.99E-09	-1.31E-07	-2.51E-03	-1.67E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-1.44E+00	0.00E+00	-6.63E-09	-2.60E-08	-2.07E-03	0.00E+00	-3.52E-01	0.00E+00	-1.44E+00	-3.34E-05	-1.44E+00	-1.79E+00	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NFT725	8.69E-04	6.90E-02	2.44E-03	6.65E-02	0.00E+00	0.00E+00	2.51E-01	-2.42E-05	7.44E-04	4.73E-04	0.00E+00	0.00E+00	-5.73E-10	5.66E-09	2.39E-03	3.90E-02	0.00E+00	0.00E+00	2.28E-02	0.00E+00	4.37E-02	0.00E+00	3.76E-09	-2.18E-09	-2.17E-05	0.00E+00	2.73E-02	0.00E+00	4.37E-02	-1.24E-06	4.37E-02	7.10E-02	2.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.26E+00
NFT732	-1.17E-02	6.19E-02	-1.08E-04	6.20E-02	0.00E+00	0.00E+00	-2.35E+00	-1.20E-03	-4.24E-04	-5.53E-03	0.00E+00	0.00E+00	-1.46E-09	-1.39E-07	-3.43E-03	-9.06E-01	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-1.19E-01	0.00E+00	2.91E-09	-1.94E-08	-1.63E-03	0.00E+00	-2.00E-01	0.00E+00	-1.19E-01	-3.49E-05	-1.19E-01	-3.19E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-9.12E+01
NFT740	-1.26E-02	-1.93E-01	-3.75E-03	-1.90E-01	0.00E+00	0.00E+00	-3.22E+00	-1.23E-03	-6.13E-04	-7.75E-03	0.00E+00	0.00E+00	-2.27E-09	-1.43E-07	-9.13E-03	-2.04E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-1.93E+00	0.00E+00	-9.19E-09	-3.02E-08	-2.36E-03	0.00E+00	-4.65E-01	0.00E+00	-1.93E+00	-3.65E-05	-1.93E+00	-2.40E+00	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NFT806	-1.22E-02	-4.18E-01	-6.11E-03	-4.12E-01	0.00E+00	0.00E+00	-3.41E+00	-1.13E-03	-7.31E-04	-9.08E-03	0.00E+00	0.00E+00	-3.72E-09	-1.31E-07	-3.66E-02	-3.83E+00	0.00E+00	0.00E+00	-4.44E+00	0.00E+00	-4.05E+00	0.00E+00	-1.73E-08	-4.49E-08	-3.06E-03	0.00E+00	-9.72E-01	0.00E+00	-4.05E+00	-3.52E-05	-4.05E+00	-5.02E+00	-9.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
NFT810	-1.44E-02	-4.33E-01	-6.53E-03	-4.27E-01	0.00E+00	0.00E+00	-3.95E+00	-1.35E-03	-8.27E-04	-1.03E-02	0.00E+00	0.00E+00	-3.98E-09	-1.57E-07	-3.70E-02	-4.02E+00	0.00E+00	0.00E+00	-4.84E+00	0.00E+00	-4.22E+00	0.00E+00	-1.82E-08	-4.89E-08	-3.41E-03	0.00E+00	-1.01E+00	0.00E+00	-4.22E+00	-4.15E-05	-4.22E+00	-5.23E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NFT816	-1.71E-02	-4.53E-01	-7.09E-03	-4.46E-01	0.00E+00	0.00E+00	-4.61E+00	-1.62E-03	-9.46E-04	-1.18E-02	0.00E+00	0.00E+00	-4.31E-09	-1.88E-07	-3.76E-02	-4.25E+00	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-4.43E+00	0.00E+00	-1.93E-08	-5.39E-08	-3.84E-03	0.00E+00	-1.07E+00	0.00E+00	-4.43E+00	-4.93E-05	-4.43E+00	-5.50E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
NFT820	-2.68E-02	-5.12E-01	-9.04E-03	-5.03E-01	0.00E+00	0.00E+00	-6.96E+00	-2.59E-03	-1.37E-03	-1.72E-02	0.00E+00	0.00E+00	-5.42E-09	-3.02E-07	-3.94E-02	-5.07E+00	0.00E+00	0.00E+00	-7.17E+00	0.00E+00	-5.10E+00	0.00E+00	-2.29E-08	-7.11E-08	-5.34E-03	0.00E+00	-1.25E+00	0.00E+00	-5.10E+00	-7.74E-05	-5.10E+00	-6.35E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.01E+02
NFT825	-2.68E-02	-5.13E-01	-9.07E-03	-5.04E-01	0.00E+00	0.00E+00	-6.97E+00	-2.59E-03	-1.37E-03	-1.72E-02	0.00E+00	0.00E+00	-5.43E-09	-3.02E-07	-3.95E-02	-5.07E+00	0.00E+00	0.00E+00	-7.19E+00	0.00E+00	-5.11E+00	0.00E+00	-2.30E-08	-7.11E-08	-5.35E-03	0.00E+00	-1.25E+00	0.00E+00	-5.11E+00	-7.74E-05	-5.11E+00	-6.36E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
NFT832	-3.42E-02	-5.51E-01	-1.04E-02	-5.40E-01	0.00E+00	0.00E+00	-8.74E+00	-3.33E-03	-1.68E-03	-2.12E-02	0.00E+00	0.00E+00	-6.20E-09	-3.88E-07	-4.08E-02	-5.69E+00	0.00E+00	0.00E+00	-8.50E+00	0.00E+00	-5.54E+00	0.00E+00	-2.54E-08	-8.36E-08	-6.46E-03	0.00E+00	-1.39E+00	0.00E+00	-5.54E+00	-9.89E-05	-5.54E+00	-6.92E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-3.58E+02
NFT840	-3.67E-02	-5.65E-01	-1.10E-02	-5.54E-01	0.00E+00	0.00E+00	-9.34E+00	-3.58E-03	-1.79E-03	-2.26E-02	0.00E+00	0.00E+00	-6.48E-09	-4.17E-07	-4.12E-02	-5.90E+00	0.00E+00	0.00E+00	-8.98E+00	0.00E+00	-5.69E+00	0.00E+00	-2.63E-08	-8.79E-08	-6.84E-03	0.00E+00	-1.44E+00	0.00E+00	-5.69E+00	-1.06E-04	-5.69E+00	-7.13E+00	-1.44E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+02
NGN100	-5.78E-03	-5.15E-02	2.09E-04	-2.56E-02	0.00E+00	0.00E+00	-1.11E+00	-4.58E-04	1.03E-05	-2.98E-03	0.00E+00	0.00E+00	-1.11E-09	-6.32E-08	-1.98E-03	-1.41E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.13E-01	0.00E+00	1.12E-09	-1.13E-08	-7.13E-04	0.00E+00	-1.64E-01	0.00E+00	-1.13E-01	-1.59E-05	-1.13E-01	-5.87E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-5.84E+01
NGN101	-5.27E-03	-5.39E-02	-7.42E-05	-2.63E-02	0.00E+00	0.00E+00	-1.11E+00	-4.30E-04	4.07E-05	-2.55E-03	0.00E+00	0.00E+00	-9.92E-10	-5.22E-08	-1.63E-03	-9.29E-01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-3.22E-01	0.00E+00	-5.94E-13	-1.16E-08	-6.47E-04	0.00E+00	-1.24E-01	0.00E+00	-3.22E-01	-1.51E-05	-3.22E-01	-7.06E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.57E+01
NGN102	-5.29E-03	-4.67E-02	-3.57E-05	-1.26E-02	0.00E+00	0.00E+00	-1.11E+00	-4.41E-04	3.84E-05	-2.50E-03	0.00E+00	0.00E+00	-9.14E-10	-5.92E-08	-1.13E-03	-9.25E-01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-2.92E-01	0.00E+00	6.63E-10	-1.09E-08	-5.89E-04	0.00E+00	-1.15E-01	0.00E+00	-2.92E-01	-1.51E-05	-2.92E-01	-6.74E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.60E+01
NGN103	-5.11E-03	-5.26E-02	2.66E-05	-2.33E-02	0.00E+00	0.00E+00	-1.07E+00	-4.00E-04	4.88E-05	-2.34E-03	0.00E+00	0.00E+00	-9.08E-10	-5.02E-08	-1.13E-03	-8.47E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-3.06E-01	0.00E+00	3.60E-10	-1.06E-08	-6.12E-04	0.00E+00	-1.13E-01	0.00E+00	-3.06E-01	-1.48E-05	-3.06E-01	-6.86E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.35E+01
NGN104	-5.33E-03	-4.65E-02	-8.76E-07	-1.32E-02	0.00E+00	0.00E+00	-1.16E+00	-4.68E-04	3.84E-05	-2.70E-03	0.00E+00	0.00E+00	-9.47E-10	-6.42E-08	-1.17E-03	-9.53E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-2.75E-01	0.00E+00	6.34E-10	-1.11E-08	-5.96E-04	0.00E+00	-1.24E-01	0.00E+00	-2.75E-01	-1.54E-05	-2.75E-01	-6.56E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
NGN106	-2.94E-03	6.32E-03	6.02E-04	2.79E-02	0.00E+00	0.00E+00	-4.89E-01	-2.72E-04	8.02E-05	-1.19E-03	0.00E+00	0.00E+00	-7.11E-10	-4.11E-08	2.21E-04	-4.32E-01	0.00E+00	0.00E+00	-5.80E-01	0.00E+00	-1.56E-01	0.00E+00	2.23E-09	-6.32E-09	-3.55E-04	0.00E+00	-5.48E-02	0.00E+00	-1.56E-01	-6.14E-06	-1.56E-01	-2.85E-01	-5.48E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
NGN110	-2.86E-03	7.88E-03	6.11E-04	2.44E-02	0.00E+00	0.00E+00	-4.43E-01	-2.31E-04	3.47E-05	-1.16E-03	0.00E+00	0.00E+00	-7.23E-10	-2.91E-08	1.17E-04	-4.69E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-1.13E-01	0.00E+00	2.36E-09	-6.29E-09	-3.75E-04	0.00E+00	-5.49E-02	0.00E+00	-1.13E-01	-5.33E-06	-1.13E-01	-2.57E-01	-5.49E-02	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
NGN113	-3.06E-03	9.82E-03	6.07E-04	2.03E-02	0.00E+00	0.00E+00	-4.73E-01	-3.38E-04	3.30E-05	-1.35E-03	0.00E+00	0.00E+00	-8.20E-10	-4.99E-08	-1.28E-04	-6.65E-01	0.00E+00	0.00E+00	-7.02E-01	0.00E+00	-1.23E-01	0.00E+00	2.47E-09	-7.08E-09	-4.81E-04	0.00E+00	-7.68E-02	0.00E+00	-1.23E-01	-1.07E-05	-1.23E-01	-2.42E-01	-7.68E-02	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
NGN116	-2.85E-03	1.02E-02	6.79E-04	2.39E-02	0.00E+00	0.00E+00	-4.85E-01	-2.81E-04	3.77E-05	-1.13E-03	0.00E+00	0.00E+00	-7.27E-10	-3.25E-08	2.76E-04	-4.86E-01	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-9.30E-02	0.00E+00	2.43E-09	-6.67E-09	-3.70E-04	0.00E+00	-5.29E-02	0.00E+00	-9.30E-02	-5.46E-06	-9.30E-02	-2.37E-01	-5.29E-02	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
NGN120	-4.90E-03	9.99E-03	6.49E-04	2.33E-02	0.00E+00	0.00E+00	-7.95E-01	-5.00E-04	1.19E-05	-2.17E-03	0.00E+00	0.00E+00	-8.49E-10	-8.00E-08	1.87E-04	-6.99E-01	0.00E+00	0.00E+00	-8.42E-01	0.00E+00	-1.05E-01	0.00E+00	2.44E-09	-8.88E-09	-5.93E-04	0.00E+00	-7.26E-02	0.00E+00	-1.05E-01	-1.58E-05	-1.05E-01	-2.40E-01	-7.26E-02	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
NGN125	-4.86E-03	1.08E-02	6.88E-04	3.01E-02	0.00E+00	0.00E+00	-8.05E-01	-4.86E-04	6.64E-05	-2.33E-03	0.00E+00	0.00E+00	-8.63E-10	-7.58E-08	4.43E-04	-6.66E-01	0.00E+00	0.00E+00	-8.39E-01	0.00E+00	-8.70E-02	0.00E+00	2.50E-09	-8.48E-09	-6.07E-04	0.00E+00	-6.47E-02	0.00E+00	-8.70E-02	-1.53E-05	-8.70E-02	-2.28E-01	-6.47E-02	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
NGN132	-4.27E-03	9.78E-03	1.11E-03	3.37E-02	0.00E+00	0.00E+00	-8.71E-01	-5.21E-04	2.75E-05	-2.42E-03	0.00E+00	0.00E+00	-8.24E-10	-6.35E-08	5.94E-04	-7.90E-01	0.00E+00	0.00E+00	-8.35E-01	0.00E+00	-6.15E-02	0.00E+00	2.91E-09	-8.51E-09	-6.43E-04	0.00E+00	-8.52E-02	0.00E+00	-6.15E-02	-1.59E-05	-6.15E-02	-2.02E-01	-8.52E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NGN140	-8.02E-03	2.58E-03	3.67E-04	1.48E-02	0.00E+00	0.00E+00	-1.23E+00	-7.06E-04	2.26E-05	-4.10E-03	0.00E+00	0.00E+00	-1.08E-09	-1.08E-07	4.36E-04	-8.20E-01	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-8.16E-02	0.00E+00	2.64E-09	-1.28E-08	-1.03E-03	0.00E+00	-9.94E-02	0.00E+00	-8.16E-02	-2.76E-05	-8.16E-02	-3.38E-01	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
NGN150	-2.47E-03	3.68E-02	2.23E-03	5.44E-02	0.00E+00	0.00E+00	-8.00E-02	-4.20E-04	2.02E-04	-1.28E-03	0.00E+00	0.00E+00	-6.75E-10	-4.04E-08	8.47E-04	-6.56E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	3.72E-01	0.00E+00	7.54E-09	-5.72E-09	-4.61E-04	0.00E+00	-1.05E-01	0.00E+00	3.72E-01	-1.36E-05	3.72E-01	2.22E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
NGN163	-7.88E-03	-9.17E-03	2.53E-04	1.41E-02	0.00E+00	0.00E+00	-1.06E+00	-5.28E-04	2.50E-04	-4.64E-03	0.00E+00	0.00E+00	-1.15E-09	-6.14E-08	-5.83E-04	-5.80E-01	0.00E+00	0.00E+00	-9.51E-01	0.00E+00	-2.61E-01	0.00E+00	2.57E-09	-1.55E-08	-7.70E-04	0.00E+00	-7.14E-02	0.00E+00	-2.61E-01	-2.68E-05	-2.61E-01	-5.47E-01	-7.14E-02	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
NGN200	-6.46E-03	-5.55E-02	2.66E-04	-3.38E-02	0.00E+00	0.00E+00	-2.25E+00	-5.28E-04	-1.59E-04	-3.34E-03	0.00E+00	0.00E+00	-2.24E-09	-1.38E-07	-6.39E-03	-1.39E+00	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-5.12E-01	0.00E+00	1.11E-09	-1.49E-08	-8.47E-04	0.00E+00	-2.31E-01	0.00E+00	-5.12E-01	-3.97E-05	-5.12E-01	-7.56E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-8.93E+01
NGN201	-6.33E-03	-6.12E-02	4.10E-04	-4.29E-02	0.00E+00	0.00E+00	-1.86E+00	-4.58E-04	-1.05E-04	-3.17E-03	0.00E+00	0.00E+00	-2.36E-09	-1.26E-07	-6.95E-03	-1.97E+00	0.00E+00	0.00E+00	-2.04E+00	0.00E+00	-4.30E-01	0.00E+00	9.09E-10	-1.44E-08	-8.76E-04	0.00E+00	-3.20E-01	0.00E+00	-4.30E-01	-3.93E-05	-4.30E-01	-8.48E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.62E+01
NGN202	-7.27E-03	-5.68E-02	1.29E-04	-3.19E-02	0.00E+00	0.00E+00	-2.27E+00	-6.29E-04	-1.38E-04	-3.59E-03	0.00E+00	0.00E+00	-2.23E-09	-1.50E-07	-6.20E-03	-1.28E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-5.43E-01	0.00E+00	1.04E-09	-1.59E-08	-9.58E-04	0.00E+00	-2.19E-01	0.00E+00	-5.43E-01	-4.28E-05	-5.43E-01	-8.07E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-9.34E+01
NGN203	-7.31E-03	-6.62E-02	3.72E-05	-3.86E-02	0.00E+00	0.00E+00	-2.08E+00	-6.33E-04	-1.13E-04	-3.80E-03	0.00E+00	0.00E+00	-2.40E-09	-1.44E-07	-6.89E-03	-1.29E+00	0.00E+00	0.00E+00	-2.28E+00	0.00E+00	-5.72E-01	0.00E+00	6.59E-10	-1.71E-08	-1.07E-03	0.00E+00	-2.20E-01	0.00E+00	-5.72E-01	-4.61E-05	-5.72E-01	-8.78E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+01
NGN204	-7.55E-03	-6.63E-02	1.98E-04	-3.50E-02	0.00E+00	0.00E+00	-2.46E+00	-6.78E-04	-1.05E-04	-4.32E-03	0.00E+00	0.00E+00	-2.44E-09	-1.49E-07	-5.37E-03	-1.28E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-7.06E-01	0.00E+00	2.61E-10	-2.03E-08	-1.08E-03	0.00E+00	-2.06E-01	0.00E+00	-7.06E-01	-4.68E-05	-7.06E-01	-1.07E+00	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02

NGN206	-5.73E-03	-1.73E-02	5.30E-04	1.20E-03	0.00E+00	0.00E+00	-1.78E+00	-4.98E-04	-1.55E-04	-3.23E-03	0.00E+00	0.00E+00	-2.19E-09	-1.43E-07	-5.67E-03	-1.10E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-4.06E-01	0.00E+00	1.38E-09	-1.44E-08	-7.54E-04	0.00E+00	-2.05E-01	0.00E+00	-4.06E-01	-3.62E-05	-4.06E-01	-3.99E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
NGN210	-6.05E-03	-2.87E-02	6.12E-04	-2.33E-02	0.00E+00	0.00E+00	-1.54E+00	-5.01E-04	-8.98E-05	-3.38E-03	0.00E+00	0.00E+00	-2.29E-09	-1.38E-07	-6.90E-03	-1.99E+00	0.00E+00	0.00E+00	-1.68E+00	0.00E+00	-4.72E-01	0.00E+00	1.46E-09	-1.54E-08	-9.04E-04	0.00E+00	-3.46E-01	0.00E+00	-4.72E-01	-3.68E-05	-4.72E-01	-5.64E-01	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-7.24E+01
NGN216	-6.23E-03	-4.09E-02	4.69E-04	-3.94E-02	0.00E+00	0.00E+00	-1.71E+00	-5.66E-04	-1.34E-04	-3.95E-03	0.00E+00	0.00E+00	-2.60E-09	-1.45E-07	-6.50E-03	-1.90E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-6.87E-01	0.00E+00	4.47E-10	-1.95E-08	-1.09E-03	0.00E+00	-3.48E-01	0.00E+00	-6.87E-01	-4.19E-05	-6.87E-01	-1.14E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-9.17E+01
NGN220	-7.47E-03	-3.88E-02	4.55E-04	-3.26E-02	0.00E+00	0.00E+00	-2.34E+00	-6.00E-04	-2.34E-04	-4.15E-03	0.00E+00	0.00E+00	-2.62E-09	-1.65E-07	-6.44E-03	-1.92E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-6.25E-01	0.00E+00	7.06E-10	-1.96E-08	-1.12E-03	0.00E+00	-3.48E-01	0.00E+00	-6.25E-01	-4.87E-05	-6.25E-01	-1.01E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NGN225	-5.28E-03	-2.63E-02	1.21E-03	-3.58E-02	0.00E+00	0.00E+00	-2.38E+00	-4.36E-04	2.45E-05	-3.12E-03	0.00E+00	0.00E+00	-2.59E-09	-1.47E-07	-6.26E-03	-1.86E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-9.43E-01	0.00E+00	8.47E-10	-1.77E-08	-8.95E-04	0.00E+00	-3.83E-01	0.00E+00	-9.43E-01	-5.16E-05	-9.43E-01	-1.31E+00	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
NGN232	-4.14E-03	-1.24E-02	1.45E-03	-1.05E-02	0.00E+00	0.00E+00	-2.74E+00	-4.09E-04	8.34E-05	-2.72E-03	0.00E+00	0.00E+00	-2.48E-09	-1.59E-07	-4.85E-03	-1.49E+00	0.00E+00	0.00E+00	-2.78E+00	0.00E+00	-5.52E-01	0.00E+00	1.47E-09	-1.77E-08	-8.85E-04	0.00E+00	-3.36E-01	0.00E+00	-5.52E-01	-5.49E-05	-5.52E-01	-8.62E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NGN240	-9.65E-03	-2.61E-02	1.08E-04	-1.71E-02	0.00E+00	0.00E+00	-2.67E+00	-5.77E-04	-1.44E-04	-4.05E-03	0.00E+00	0.00E+00	-2.58E-09	-2.10E-07	-3.81E-03	-1.49E+00	0.00E+00	0.00E+00	-2.62E+00	0.00E+00	-5.51E-01	0.00E+00	7.29E-10	-2.19E-08	-1.13E-03	0.00E+00	-3.49E-01	0.00E+00	-5.51E-01	-6.09E-05	-5.51E-01	-8.41E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NGN250	-1.29E-02	1.39E-02	-7.00E-04	8.68E-03	0.00E+00	0.00E+00	-3.51E+00	-1.13E-03	-1.91E-04	-6.05E-03	0.00E+00	0.00E+00	-2.81E-09	-2.26E-07	-5.47E-03	-1.64E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-6.41E-01	0.00E+00	7.96E-10	-2.71E-08	-1.93E-03	0.00E+00	-3.71E-01	0.00E+00	-6.41E-01	-6.62E-05	-6.41E-01	-9.66E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NGN263	-1.68E-02	1.64E-02	-9.66E-04	-2.32E-02	0.00E+00	0.00E+00	-3.90E+00	-1.87E-03	1.74E-05	-8.08E-03	0.00E+00	0.00E+00	-3.62E-09	-2.61E-07	-4.85E-03	-1.57E+00	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-6.51E-01	0.00E+00	1.28E-09	-3.06E-08	-2.79E-03	0.00E+00	-4.85E-01	0.00E+00	-6.51E-01	-7.10E-05	-6.51E-01	-7.63E-01	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NGN300	-1.10E-02	-5.49E-02	-3.19E-03	-7.63E-02	0.00E+00	0.00E+00	-2.96E+00	-1.45E-03	-3.77E-04	-7.68E-03	0.00E+00	0.00E+00	-3.57E-09	-1.26E-07	-1.01E-02	-2.23E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.37E+00	0.00E+00	1.43E-09	-2.89E-08	-2.42E-03	0.00E+00	-4.66E-01	0.00E+00	-1.37E+00	-4.70E-05	-1.37E+00	-1.69E+00	-4.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NGN301	-1.04E-02	-5.52E-02	-2.02E-03	-6.47E-02	0.00E+00	0.00E+00	-2.30E+00	-1.15E-03	-1.72E-04	-5.58E-03	0.00E+00	0.00E+00	-3.27E-09	-1.20E-07	-1.90E-02	-1.74E+00	0.00E+00	0.00E+00	-2.79E+00	0.00E+00	-1.29E+00	0.00E+00	1.05E-09	-2.85E-08	-2.12E-03	0.00E+00	-4.09E-01	0.00E+00	-1.29E+00	-4.64E-05	-1.29E+00	-1.54E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NGN302	-1.18E-02	-7.66E-02	-2.25E-03	-9.03E-02	0.00E+00	0.00E+00	-3.09E+00	-1.35E-03	-3.42E-04	-7.17E-03	0.00E+00	0.00E+00	-3.44E-09	-1.48E-07	-1.97E-02	-1.75E+00	0.00E+00	0.00E+00	-3.34E+00	0.00E+00	-1.67E+00	0.00E+00	1.24E-09	-3.05E-08	-2.45E-03	0.00E+00	-4.42E-01	0.00E+00	-1.67E+00	-5.00E-05	-1.67E+00	-2.07E+00	-4.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NGN303	-1.13E-02	-8.69E-02	-1.88E-03	-8.60E-02	0.00E+00	0.00E+00	-2.77E+00	-1.17E-03	-2.06E-04	-6.05E-03	0.00E+00	0.00E+00	-3.51E-09	-1.38E-07	-1.90E-02	-1.78E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-1.50E+00	0.00E+00	6.86E-10	-3.10E-08	-2.35E-03	0.00E+00	-4.48E-01	0.00E+00	-1.50E+00	-5.27E-05	-1.50E+00	-1.74E+00	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NGN304	-1.18E-02	-7.32E-02	-1.62E-03	-8.56E-02	0.00E+00	0.00E+00	-3.07E+00	-1.37E-03	-1.99E-04	-6.46E-03	0.00E+00	0.00E+00	-3.57E-09	-1.37E-07	-1.98E-02	-1.79E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.65E+00	0.00E+00	1.19E-09	-3.25E-08	-2.53E-03	0.00E+00	-4.43E-01	0.00E+00	-1.65E+00	-5.15E-05	-1.65E+00	-1.90E+00	-4.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NGN306	-9.08E-03	-8.42E-02	-1.94E-03	-7.10E-02	0.00E+00	0.00E+00	-2.06E+00	-8.00E-04	-6.24E-05	-4.68E-03	0.00E+00	0.00E+00	-2.98E-09	-1.33E-07	-1.96E-02	-1.70E+00	0.00E+00	0.00E+00	-2.47E+00	0.00E+00	-1.17E+00	0.00E+00	1.58E-09	-2.65E-08	-1.60E-03	0.00E+00	-3.71E-01	0.00E+00	-1.17E+00	-4.27E-05	-1.17E+00	-1.38E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
NGN310	-8.91E-03	-1.33E-01	-1.91E-03	-1.27E-01	0.00E+00	0.00E+00	-2.23E+00	-7.41E-04	-9.99E-05	-5.03E-03	0.00E+00	0.00E+00	-3.20E-09	-1.37E-07	-1.97E-02	-2.17E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-1.71E+00	0.00E+00	2.15E-10	-2.90E-08	-1.72E-03	0.00E+00	-4.86E-01	0.00E+00	-1.71E+00	-4.69E-05	-1.71E+00	-1.95E+00	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
NGN316	-1.18E-02	-1.33E-01	-1.67E-03	-1.27E-01	0.00E+00	0.00E+00	-2.44E+00	-9.98E-04	1.70E-04	-5.47E-03	0.00E+00	0.00E+00	-3.54E-09	-9.70E-08	-1.95E-02	-2.17E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.84E+00	0.00E+00	3.38E-10	-3.22E-08	-2.00E-03	0.00E+00	-4.80E-01	0.00E+00	-1.84E+00	-5.39E-05	-1.84E+00	-2.21E+00	-4.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NGN320	-1.12E-02	-1.32E-01	-1.95E-03	-1.25E-01	0.00E+00	0.00E+00	-3.16E+00	-1.30E-03	-2.07E-04	-7.79E-03	0.00E+00	0.00E+00	-3.79E-09	-1.19E-07	-2.22E-02	-2.22E+00	0.00E+00	0.00E+00	-3.33E+00	0.00E+00	-1.98E+00	0.00E+00	1.25E-09	-3.18E-08	-2.15E-03	0.00E+00	-4.66E-01	0.00E+00	-1.98E+00	-4.99E-05	-1.98E+00	-2.15E+00	-4.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NGN325	-1.91E-02	-1.20E-01	-3.57E-03	-8.83E-02	0.00E+00	0.00E+00	-3.67E+00	-1.69E-03	-3.66E-04	-1.16E-02	0.00E+00	0.00E+00	-4.03E-09	-2.15E-07	-1.85E-02	-2.25E+00	0.00E+00	0.00E+00	-3.36E+00	0.00E+00	-1.79E+00	0.00E+00	6.56E-10	-4.20E-08	-3.79E-03	0.00E+00	-5.25E-01	0.00E+00	-1.79E+00	-6.25E-05	-1.79E+00	-1.88E+00	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
NGN332	-1.41E-02	-1.19E-02	-4.43E-03	2.49E-02	0.00E+00	0.00E+00	-2.36E+00	-1.52E-03	-1.04E-03	-8.15E-03	0.00E+00	0.00E+00	-4.69E-09	-3.18E-07	-5.16E-03	-1.88E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-7.85E-01	0.00E+00	-1.11E-09	-2.81E-08	-4.24E-03	0.00E+00	-3.86E-01	0.00E+00	-7.85E-01	-8.13E-05	-7.85E-01	-1.15E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
NGN340	-1.34E-02	-3.95E-02	-4.29E-03	-1.69E-02	0.00E+00	0.00E+00	-2.76E+00	-1.75E-03	-9.21E-04	-1.04E-02	0.00E+00	0.00E+00	-3.72E-09	-2.56E-07	-1.16E-03	-1.97E+00	0.00E+00	0.00E+00	-3.01E+00	0.00E+00	-6.37E-01	0.00E+00	2.52E-09	-3.39E-08	-3.84E-03	0.00E+00	-3.84E-01	0.00E+00	-6.37E-01	-6.78E-05	-6.37E-01	-9.35E-01	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NGN350	-2.10E-02	-8.42E-03	-5.26E-03	-6.58E-02	0.00E+00	0.00E+00	-5.88E+00	-3.40E-03	-1.25E-03	-1.80E-02	0.00E+00	0.00E+00	-5.60E-09	-3.69E-07	6.18E-05	-2.14E+00	0.00E+00	0.00E+00	-4.65E+00	0.00E+00	-8.18E-01	0.00E+00	3.00E-09	-3.55E-08	-4.51E-03	0.00E+00	-6.05E-01	0.00E+00	-8.18E-01	-1.02E-04	-8.18E-01	-1.19E+00	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
NGN363	-2.57E-02	-5.59E-02	-4.85E-03	-1.16E-01	0.00E+00	0.00E+00	-7.25E+00	-3.30E-03	-1.29E-03	-2.01E-02	0.00E+00	0.00E+00	-5.71E-09	-3.98E-07	-7.67E-03	-2.15E+00	0.00E+00	0.00E+00	-5.72E+00	0.00E+00	-1.90E+00	0.00E+00	-2.64E-09	-4.64E-08	-4.61E-03	0.00E+00	-6.58E-01	0.00E+00	-1.90E+00	-9.91E-05	-1.90E+00	-2.69E+00	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
NGN400	-2.04E-02	-1.83E-01	-4.95E-03	-7.49E-02	0.00E+00	0.00E+00	-5.80E+00	-1.97E-03	8.86E-04	-1.16E-02	0.00E+00	0.00E+00	-4.48E-09	-2.02E-07	-8.91E-03	-3.27E+00	0.00E+00	0.00E+00	-6.03E+00	0.00E+00	-2.84E+00	0.00E+00	-7.77E-09	-5.14E-08	-3.41E-03	0.00E+00	-8.27E-01	0.00E+00	-2.84E+00	-4.97E-05	-2.84E+00	-3.52E+00	-8.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
NGN401	-1.66E-02	-1.31E-01	-5.27E-03	-4.09E-02	0.00E+00	0.00E+00	-4.21E+00	-1.68E-03	-7.26E-05	-8.09E-03	0.00E+00	0.00E+00	-3.78E-09	-1.50E-07	-6.14E-03	-2.08E+00	0.00E+00	0.00E+00	-3.90E+00	0.00E+00	-2.22E+00	0.00E+00	-6.61E-09	-4.71E-08	-3.11E-03	0.00E+00	-6.36E-01	0.00E+00	-2.22E+00	-4.95E-05	-2.22E+00	-2.66E+00	-6.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
NGN402	-2.14E-02	-1.83E-01	-4.96E-03	-7.10E-02	0.00E+00	0.00E+00	-5.07E+00	-1.93E-03	-2.30E-04	-1.02E-02	0.00E+00	0.00E+00	-4.22E-09	-2.18E-07	-7.18E-03	-2.33E+00	0.00E+00	0.00E+00	-5.02E+00	0.00E+00	-2.84E+00	0.00E+00	-8.24E-09	-5.50E-08	-3.67E-03	0.00E+00	-7.16E-01	0.00E+00	-2.84E+00	-6.09E-05	-2.84E+00	-3.45E+00	-7.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+02
NGN403	-2.14E-02	-1.59E-01	-5.00E-03	-7.88E-02	0.00E+00	0.00E+00	-4.83E+00	-1.95E-03	-2.10E-04	-9.65E-03	0.00E+00	0.00E+00	-4.38E-09	-2.01E-07	-5.91E-03	-2.80E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-2.58E+00	0.00E+00	-8.40E-09	-5.75E-08	-3.94E-03	0.00E+00	-7.86E-01	0.00E+00	-2.58E+00	-5.95E-05	-2.58E+00	-3.09E+00	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
NGN404	-2.19E-02	-1.82E-01	-6.42E-03	-4.18E-02	0.00E+00	0.00E+00	-5.25E+00	-1.87E-03	-5.78E-04	-1.22E-02	0.00E+00	0.00E+00	-4.20E-09	-2.52E-07	-7.26E-03	-2.29E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-2.55E+00	0.00E+00	-6.76E-09	-6.64E-08	-4.73E-03	0.00E+00	-7.21E-01	0.00E+00	-2.55E+00	-6.88E-05	-2.55E+00	-3.10E+00	-7.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NGN406	-1.53E-02	-2.18E-01	-5.16E-03	-6.94E-02	0.00E+00	0.00E+00	-3.01E+00	-1.46E-03	-2.75E-04	-8.43E-03	0.00E+00	0.00E+00	-3.89E-09	-1.61E-07	-7.71E-03	-3.10E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-2.22E+00	0.00E+00	-1.20E-09	-4.25E-08	-2.93E-03	0.00E+00	-6.31E-01	0.00E+00	-2.22E+00	-5.00E-05	-2.22E+00	-2.64E+00	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NGN410	-1.82E-02	-2.53E-01	-4.18E-03	-9.99E-02	0.00E+00	0.00E+00	-3.37E+00	-1.46E-03	-2.87E-04	-1.10E-02	0.00E+00	0.00E+00	-4.10E-09	-1.69E-07	-7.41E-03	-3.12E+00	0.00E+00	0.00E+00	-4.09E+00	0.00E+00	-2.75E+00	0.00E+00	-1.06E-09	-4.61E-08	-3.34E-03	0.00E+00	-6.46E-01	0.00E+00	-2.75E+00	-5.85E-05	-2.75E+00	-2.89E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+02
NGN416	-2.24E-02	-2.56E-01	-6.27E-03	-9.75E-02	0.00E+00	0.00E+00	-3.61E+00	-1.73E-03	-5.42E-04	-1.29E-02	0.00E+00	0.00E+00	-4.14E-09	-2.34E-07	-8.72E-03	-3.14E+00	0.00E+00	0.00E+00	-4.16E+00	0.00E+00	-2.60E+00	0.00E+00	-1.26E-09	-5.96E-08	-4.85E-03	0.00E+00	-7.71E-01	0.00E+00	-2.60E+00	-6.77E-05	-2.60E+00	-2.64E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
NGN420	-2.27E-02	-2.61E-01	-6.31E-03	-9.51E-02	0.00E+00	0.00E+00	-5.42E+00	-1.82E-03	-6.83E-04	-1.38E-02	0.00E+00	0.00E+00	-4.37E-09	-2.57E-07	-7.65E-03	-3.46E+00	0.00E+00	0.00E+00	-5.46E+00	0.00E+00	-2.80E+00	0.00E+00	-7.39E-09	-6.81E-08	-5.18E-03	0.00E+00	-8.42E-01	0.00E+00	-2.80E+00	-7.00E-05	-2.80E+00	-3.06E+00	-8.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
NGN425	-2.98E-02	-2.16E-01	-6.32E-03	-9.64E-02	0.00E+00	0.00E+00	-3.69E+00	-2.54E-03	-9.57E-05	-1.24E-02	0.00E+00	0.00E+00	-5.07E-09	-2.32E-07	-4.26E-03	-3.08E+00	0.00E+00	0.00E+00	-4.38E+00	0.00E+00	-2.39E+00	0.00E+00	-6.25E-09	-6.73E-08	-5.05E-03	0.00E+00	-9.76E-01	0.00E+00	-2.39E+00	-5.25E-05	-2.39E+00	-2.82E+00	-9.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
NGN432	-3.64E-02	-1.03E-01	-6.40E-03	-1.08E-01	0.00E+00	0.00E+00	-7.30E+00	-3.22E-03	-4.45E-04	-1.87E-02	0.00E+00	0.00E+00	-6.24E-09	-2.89E-07	-1.46E-03	-3.17E+00	0.00E+00	0.00E+00	-6.63E+00	0.00E+00	-2.45E+00	0.00E+00	-9.27E-09	-6.47E-08	-4.96E-03	0.00E+00	-1.08E+00	0.00E+00	-2.45E+00	-8.65E-05	-2.45E+00	-2.97E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E+02
NGN440	-3.54E-02	-1.54E-01	-6.92E-03	-1.16E-01	0.00E+00	0.00E+00	-8.29E+00	-3.66E-03	1.14E-03	-1.95E-02	0.00E+00	0.00E+00	-6.93E-09	-2.97E-07	-3.12E-03	-4.07E+00	0.00E+00	0.00E+00	-7.74E+00	0.00E+00	-2.75E+00	0.00E+00	-9.08E-09	-6.37E-08	-4.98E-03	0.00E+00	-1.06E+00	0.00E+00	-2.75E+00	-8.28E-05	-2.75E+00	-3.38E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
NGN450	-3.64E-02	-1.47E-01	-6.17E-03	-1.33E-01	0.00E+00	0.00E+00	-8.22E+00	-3.84E-03	7.28E-04	-2.21E-02	0.00E+00	0.00E+00	-6.16E-09	-4.06E-07	-4.14E-03	-3.34E+00	0.00E+00	0.00E+00	-7.25E+00	0.00E+00	-3.07E+00	0.00E+00	-8.62E-09	-7.26E-08	-5.20E-03	0.00E+00	-1.07E+00	0.00E+00	-3.07E+00	-8.63E-05	-3.07E+00	-3.62E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
NGN463	-4.77E-02	-1.89E-01	-6.86E-03	-1.79E-01	0.00E+00	0.00E+00	-9.18E+00	-5.00E-03	-2.10E-03	-2.92E-02	0.00E+00	0.00E+00	-8.09E-09	-4.58E-07	-2.39E-03	-5.50E+00	0.00E+00	0.00E+00	-8.38E+00	0.00E+00	-2.79E+00	0.00E+00	-9.36E-09	-1.09E-07	-8.49E-03	0.00E+00	-1.30E+00	0.00E+00	-2.79E+00	-9.79E-05	-2.79E+00	-3.80E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-3.43E+02
NGT306	-1.25E-02	-4.09E-01	-6.12E-03	-4.03E-01	0.00E+00	0.00E+00	-3.46E+00	-1.16E-03	-7.36E-04	-9.15E-03	0.00E+00	0.00E+00	-3.66E-09	-1.35E-07	-3.78E-02	-3.86E+00	0.00E+00	0.00E+00	-4.48E+00	0.00E+00	-3.97E+00	0.00E+00	-1.69E-08	-4.46E-08	-3.05E-03	0.00E+00	-9.84E-01	0.00E+00	-3.97E+00	-3.60E-05	-3.97E+00	-4.95E+00	-9.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
NGT310	-1.49E-02	-4.24E-01	-6.50E-03	-4.18E-01	0.00E+00	0.00E+00	-4.04E+00	-1.40E-03	-8.41E-04	-1.05E-02	0.00E+00	0.00E+00	-3.92E-09	-1.63E-07	-3.82E-02	-4.06E+00	0.00E+00	0.00E+00	-4.88E+00	0.00E+00	-4.13E+00	0.00E+00	-1.78E-08	-4.89E-08	-3.43E-03	0.00E+00	-1.02E+00	0.00E+00	-4.13E+00	-4.29E-05	-4.13E+00	-5.16E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
NGT316	-1.76E-02	-4.44E-01	-7.06E-03	-4.37E-01	0.00E+00	0.00E+00	-4.70E+00	-1.67E-03	-9.59E-04	-1.20E-02	0.00E+00	0.00E+00	-4.25E-09	-1.94E-07	-3.88E-02	-4.29E+00	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-4.35E+00	0.00E+00	-1.89E-08	-5.39E-08	-3.86E-03	0.00E+00	-1.08E+00	0.00E+00	-4.35E+00	-5.06E-05	-4.35E+00	-5.43E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
NGT320	-2.28E-02	-4.83E-01	-8.21E-03	-4.75E-01	0.00E+00	0.00E+00	-5.97E+00	-2.18E-03	-1.19E-03	-1.49E-02	0.00E+00	0.00E+00	-4.91E-09	-2.55E-07	-3.99E-02	-4.74E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-4.78E+00	0.00E+00	-2.12E-08	-6.36E-08	-4.70E-03	0.00E+00	-1.18E+00	0.00E+00	-4.78E+00	-6.55E-05	-4.78E+00	-5.96E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
NGT325	-2.28E-02	-4.84E-01	-8.21E-03	-4.75E-01	0.00E+00	0.00E+00	-5.97E+00	-2.18E-03	-1.19E-03	-1.49E-02	0.00E+00	0.00E+00	-4.91E-09	-2.55E-07	-3.99E-02	-4.74E+00	0.00E+00	0.00E+00	-6.42E+00	0.00E+00	-4.78E+00	0.00E+00	-2.12E-08	-6.36E-08	-4.70E-03	0.00E+00	-1.18E+00	0.00E+00	-4.78E+00	-6.55E-05	-4.78E+00	-5.97E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
NGT332	-3.24E-02	-5.31E-01	-9.98E-03	-5.21E-01	0.00E+00	0.00E+00	-8.28E+00	-3.15E-03	-1.60E-03	-2.02E-02	0.00E+00	0.00E+00	-5.90E-09	-3.67E-07	-4.16E-02	-5.54E+00	0.00E+00	0.00E+00	-8.13E+00	0.00E+00	-5.33E+00	0.00E+00	-2.43E-08	-7.98E-08	-6.14E-03	0.00E+00	-1.36E+00	0.00E+00	-5.33E+00	-9.37E-05	-5.33E+00	-6.68E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-3.42E+02
NGT340	-3.61E-02	-5.55E-01	-1.08E-02	-5.44E-01	0.00E+00	0.00E+00	-9.20E+00	-3.52E-03	-1.76E-03	-2.22E-02	0.00E+00	0.00E+00	-6.35E-09	-4.11E-07	-4.23E-02	-5.86E+00	0.00E+00	0.00E+00	-8.86E+00	0.00E+00	-5.59E+00	0.00E+00	-2.57E-08	-8.65E-08	-6.72E-03	0.00E+00	-1.43E+00	0.00E+00	-5.59E+00	-1.04E-04	-5.59E+00	-7.03E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-3.73E+02
NGT701	-4.05E-03	-6.08E-02	-3.26E-05	-2.14E-02	0.00E+00	0.00E+00	-9.24E-01	-3.16E-04	3.70E-05	-2.33E-03	0.00E+00	0.00E+00	-8.98E-10	-3.69E-08	-3.18E-03	-9.02E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-3.42E-01	0.00E+00	7.39E-10	-9.83E-09	-4.98E-04	0.00E+00	-1.48E-01	0.00E+00	-3.42E-01	-1.14E-05	-3.42E-01	-7.76E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
NGT702	-2.42E-03	2.00E-02	8.68E-04	2.19E-02	0.00E+00	0.00E+00	-3.44E-01	-2.92E-04	1.16E-04	-1.14E-03	0.00E+00	0.00E+00	-6.83E-10	-1.83E-08	-2.54E-04	-6.94E-01	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-6.04E-02	0.00E+00	2.56E-09	-6.59E-09	-4.16E-04	0.00E+00	-1.02E-01	0.00E+00	-6.04E-02	-8.42E-06	-6.04E-02	-2.04E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
NGT703	-4.11E-03	-6.28E-02	-5.70E-05	-2.21E-02	0.00E+00	0.00E+00	-9.40E-01	-3.27E-04	4.06E-05	-2.38E-03	0.00E+00	0.00E+00	-9.08E-10	-4.27E-08	-3.19E-03	-9.45E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-3.48E-01	0.00E+00	7.48E-10	-1.01E-08	-4.98E-04	0.00E+00	-1.55E-01	0.00E+00	-3.48E-01	-1.17E-05	-3.48E-01	-7.78E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.93E+01
NGT704	-5.32E-03	-1.61E-01	-2.50E-03	-1.59E-01	0.00E+00	0.00E+00	-1.48E+00	-5.00E-04	-3.05E-04	-3.81E-03	0.00E+00	0.00E+00	-1.53E-09	-5.81E-08	-7.89E-03	-1.76E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-1.53E+00	0.00E+00	-6.87E-09	-1.81E-08	-1.26E-03	0.00E+00	-3.86E-01	0.00E+00	-1.53E+00	-1.55E-05	-1.53E+00	-1.91E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-7.48E+01
NGT706	-3.86E-03	-1.41E-01	-1.98E-03	-1.39E-01	0.00E+00	0.00E+00	-1.11E+00	-3.58E-04	-2.37E-04	-2.94E-03	0.00E+00	0.00E+00	-1.28E-09	-4.14E-08	-7.45E-03	-1.30E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.34E+00	0.00E+00	-5.97E-09	-1.49E-08	-1.01E-03	0.00E+00	-2.97E-01	0.00E+00	-1.34E+00	-1.12E-05	-1.34E+00	-1.64E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
NGT710	-4.45E-03	-1.46E-01	-2.14E-03	-1.44E-01	0.00E+00	0.00E+00	-1.26E+00	-4.16E-04	-2.63E-04	-3.28E-03	0.00E+00	0.00E+00	-1.37E-09	-4.82E-08	-7.59E-03	-1.35E+00	0.00E+00	0.00E+00	-1.52E+00	0.00E+00	-1.40E+00	0.00E+00	-6.26E-09	-1.60E-08	-1.11E-03	0.00E+00	-3.11E-01	0.00E+00	-1.40E+00	-1.29E-05	-1.40E+00	-1.71E+00	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-6.36E+01
NGT716	-5.35E-03	-1.53E-01	-2.33E-03	-1.50E-01	0.00E+00	0.00E+00	-1.48E+00	-5.06E-04	-3.03E-04	-3.78E-03	0.00E+00	0.00E+00	-1.48E-09	-5.87E-08	-7.78E-03	-1.43E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-1.48E+00	0.00E+00	-6.65E-09	-1.77E-08	-1.26E-03	0.00E+00	-3.29E-01	0.00E+00	-1.48E+00	-1.55E-05	-1.48E+00	-1.80E+00	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-7.09E+01
NGT720	-1.16E-02	-1.86E-01	-3.52E-03	-1.82E-01	0.00E+00	0.00E+00	-2.98E+00	-1.13E-03	-5.70E-04	-7.21E-03	0.00E+00	0.00E+00	-2.14E-09	-1.32E-07	-8.91E-03	-1.95E+00	0.00E+00	0.00E+00	-2.83E+00	0.00E+00	-1.85E+00	0.00E+00	-8.75E-09	-2.84E-08	-2.20E-03	0.00E+00	-4.45E-01	0.00E+00	-1.85E+00	-3.37E-05	-1.85E+00	-2.29E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NGT725	-1.16E-02	-1.86E-01	-3.55E-03	-1.83E-01	0.00E+00	0.00E+00	-2.99E+00	-1.13E-03	-5.71E-04	-7.21E-03	0.00E+00	0.00E+00	-2.16E-09	-1.32E-07	-8.93E-03	-1.96E+00	0.00E+00	0.00E+00	-2.84E+00	0.00E+00	-1.86E+00	0.00E+00	-8.78E-09	-2.84E-08	-2.21E-03	0.00E+00	-4.46E-01	0.00E+00	-1.86E+00	-3.37E-05	-1.86E+00	-2.31E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NGT732	-1.26E-02	-1.93E-01	-3.72E-03	-1.89E-01	0.00E+00	0.00E+00	-3.22E+00	-1.23E-03	-6.13E-04	-7.75E-03	0.00E+00	0.00E+00	-2.26E-09	-1.43E-07	-9.11E-03	-2.04E+00	0.00E+00	0.00E+00	-3.01E+00	0.00E+00	-1.93E+00	0.00E+00	-9.16E-09	-3.02E-08	-2.36E-03	0.00E+00	-4.63E-01	0.00E+00	-1.93E+00	-3.64E-05	-1.93E+00	-2.39E+00	-4.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NGT740	7.61E-04	3.40E-02	3.72E-03	3.03E-02	0.00E+00	0.00E+00	7.34E-01	-3.79E-05	7.65E-04	2.44E-04	0.00E+00	0.00E+00	-1.08E-11	4.59E-09	-1.28E-03	-4.64E-01	0.00E+00	0.00E+00	4.75E-01	0.00E+00	6.85E-01	0.00E+00	6.34E-09	1.43E-09	8.40E-05	0.00E+00	-2.46E-02	0.00E+00	6.85E-01	-1.36E-06	6.85E-01	6.61E-01	-2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
NGT806	-1.22E-02	-4.18E-01	-6.11E-03	-4.12E-01	0.00E+00	0.00E+00	-3.41E+00	-1.13E-03	-7.31E-04	-9.08E-03	0.00E+00	0.00E+00	-3.72E-09	-1.31E-07	-3.66E-02	-3.83E+00	0.00E+00	0.00E+00	-4.44E+00	0.00E+00	-4.05E+00	0.00E+00	-1.73E-08	-4.49E-08	-3.06E-03	0.00E+00	-9.72E-01	0.00E+00	-4.05E+00	-3.52E-05	-4.05E+00	-5.02E+00	-9.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
NGT810	-1.44E-02	-4.34E-01	-6.53E-03	-4.27E-01	0.00E+00	0.00E+00	-3.95E+00	-1.35E-03	-8.28E-04	-1.03E-02	0.00E+00	0.00E+00	-3.98E-09	-1.57E-07	-3.70E-02	-4.02E+00	0.00E+00	0.00E+00	-4.84E+00	0.00E+00	-4.22E+00	0.00E+00	-1.82E-08	-4.89E-08	-3.41E-03	0.00E+00	-1.01E+00	0.00E+00	-4.22E+00	-4.15E-05	-4.22E+00	-5.23E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NGT816	-1.71E-02	-4.53E-01	-7.09E-03	-4.46E-01	0.00E+00	0.00E+00	-4.61E+00	-1.62E-03	-9.46E-04	-1.18E-02	0.00E+00	0.00E+00	-4.31E-09	-1.88E-07	-3.76E-02	-4.25E+00	0.00E+00	0.00E+00	-5.35E+00	0.00E+00	-4.44E+00	0.00E+00	-1.93E-08	-5.39E-08	-3.84E-03	0.00E+00	-1.07E+00	0.00E+00	-4.44E+00	-4.93E-05	-4.44E+00	-5.50E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
NGT820	-2.68E-02	-5.12E-01	-9.05E-03	-5.03E-01	0.00E+00	0.00E+00	-6.97E+00	-2.59E-03	-1.37E-03	-1.72E-02	0.00E+00	0.00E+00	-5.42E-09	-3.02E-07	-3.94E-02	-5.07E+00	0.00E+00	0.00E+00	-7.18E+00	0.00E+00	-5.10E+00	0.00E+00	-2.29E-08	-7.11E-08	-5.34E-03	0.00E+00	-1.25E+00	0.00E+00	-5.10E+00	-7.74E-05	-5.10E+00	-6.35E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.01E+02
NGT825	-2.68E-02	-5.13E-01	-9.08E-03	-5.04E-01	0.00E+00	0.00E+00	-6.97E+00	-2.59E-03	-1.37E-03	-1.72E-02	0.00E+00	0.00E+00	-5.43E-09	-3.02E-07	-3.95E-02	-5.07E+00	0.00E+00	0.00E+00	-7.19E+00	0.00E+00	-5.11E+00	0.00E+00	-2.30E-08	-7.12E-08	-5.35E-03	0.00E+00	-1.25E+00	0.00E+00	-5.11E+00	-7.74E-05	-5.11E+00	-6.36E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
NGT832	-3.42E-02	-5.51E-01	-1.04E-02	-5.41E-01	0.00E+00	0.00E+00	-8.74E+00	-3.33E-03	-1.68E-03	-2.12E-02	0.00E+00	0.00E+00	-6.20E-09	-3.88E-07	-4.08E-02	-5.69E+00	0.00E+00	0.00E+00	-8.50E+00	0.00E+00	-5.54E+00	0.00E+00	-2.54E-08	-8.37E-08	-6.46E-03	0.00E+00	-1.39E+00	0.00E+00	-5.54E+00	-9.89E-05	-5.54E+00	-6.93E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-3.58E+02
NGT840	-3.67E-02	-5.68E-01	-1.10E-02	-5.57E-01	0.00E+00	0.00E+00	-9.35E+00	-3.58E-03	-1.79E-03	-2.26E-02	0.00E+00	0.00E+00	-6.51E-09	-4.17E-07	-4.13E-02	-5.91E+00	0.00E+00	0.00E+00	-9.00E+00	0.00E+00	-5.73E+00	0.00E+00	-2.64E-08	-8.82E-08	-6.85E-03	0.00E+00	-1.44E+00	0.00E+00	-5.73E+00	-1.06E-04	-5.73E+00	-7.17E+00	-1.44E+00	0.00E+00	0.00E+00	0.00E+00	-3.80E+02
NKN100	-5.04E-03	-5.94E-02	1.46E-04	-2.01E-02	0.00E+00	0.00E+00	-1.05E+00	-4.24E-04	4.22E-05	-2.33E-03	0.00E+00	0.00E+00	-9.61E-10	-4.65E-08	-1.31E-03	-8.49E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-2.96E-01	0.00E+00	8.87E-10	-1.09E-08	-6.41E-04	0.00E+00	-1.13E-01	0.00E+00	-2.96E-01	-1.45E-05	-2.96E-01	-7.09E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.33E+01
NKN101	-5.05E-03	-5.17E-02	2.42E-04	-8.55E-03	0.00E+00	0.00E+00	-1.07E+00	-4.55E-04	3.62E-05	-2.33E-03	0.00E+00	0.00E+00	-9.49E-10	-5.55E-08	-1.16E-03	-8.47E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.99E-01	0.00E+00	1.22E-09	-1.05E-08	-6.13E-04	0.00E+00	-1.10E-01	0.00E+00	-2.99E-01	-1.45E-05	-2.99E-01	-6.92E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.39E+01
NKN103	-4.97E-03	-5.64E-02	1.75E-04	-1.65E-02	0.00E+00	0.00E+00	-1.04E+00	-4.10E-04	4.57E-05	-2.34E-03	0.00E+00	0.00E+00	-9.01E-10	-4.79E-08	-8.39E-04	-8.44E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.98E-01	0.00E+00	1.29E-09	-1.03E-08	-5.99E-04	0.00E+00	-1.11E-01	0.00E+00	-2.98E-01	-1.43E-05	-2.98E-01	-7.08E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
NKN106	-2.65E-03	-3.09E-03	5.54E-04	1.02E-02	0.00E+00	0.00E+00	-4.75E-01	-2.32E-04	8.89E-05	-1.21E-03	0.00E+00	0.00E+00	-7.35E-10	-2.54E-08	-6.24E-06	-4.28E-01	0.00E+00	0.00E+00	-5.98E-01	0.00E+00	-1.74E-01	0.00E+00	1.79E-09	-6.85E-09	-3.86E-04	0.00E+00	-5.59E-02	0.00E+00	-1.74E-01	-5.72E-06	-1.74E-01	-3.23E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
NKN110	-4.15E-03	-1.35E-01	-1.75E-03	-1.33E-01	0.00E+00	0.00E+00	-1.18E+00	-3.94E-04	-2.41E-04	-3.09E-03	0.00E+00	0.00E+00	-1.34E-09	-4.53E-08	-1.87E-03	-1.02E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-1.30E+00	0.00E+00	-5.88E-09	-1.53E-08	-1.08E-03	0.00E+00	-2.18E-01	0.00E+00	-1.30E+00	-1.22E-05	-1.30E+00	-1.51E+00	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NKN116	-4.91E-03	-3.64E-02	-9.74E-04	-3.54E-02	0.00E+00	0.00E+00	-1.22E+00	-4.88E-04	-2.20E-04	-2.79E-03	0.00E+00	0.00E+00	-1.31E-09	-5.62E-08	-7.09E-03	-6.67E-01	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-9.67E-01	0.00E+00	-2.41E-09	-1.46E-08	-1.00E-03	0.00E+00	-1.90E-01	0.00E+00	-9.67E-01	-1.48E-05	-9.67E-01	-1.16E+00	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-5.86E+01
NKN120	9.95E-04	1.42E-01	4.53E-03	1.38E-01	0.00E+00	0.00E+00	1.01E+00	-8.02E-06	6.27E-04	1.24E-03	0.00E+00	0.00E+00	1.75E-10	6.17E-09	-6.67E-04	2.20E-02	0.00E+00	0.00E+00	6.84E-01	0.00E+00	1.19E+00	0.00E+00	1.03E-08	4.51E-09	3.45E-04	0.00E+00	6.24E-02	0.00E+00	1.19E+00	-1.28E-07	1.19E+00	1.25E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NKN125	4.08E-04	-4.50E-02	1.47E-03	-4.65E-02	0.00E+00	0.00E+00	1.88E-01	-2.53E-05	4.92E-04	-4.34E-04	0.00E+00	0.00E+00	-6.33E-10	3.61E-09	1.29E-03	-3.87E-01	0.00E+00	0.00E+00	-9.32E-02	0.00E+00	-2.92E-01	0.00E+00	4.95E-10	-4.39E-09	-2.50E-04	0.00E+00	-4.79E-02	0.00E+00	-2.92E-01	-1.33E-06	-2.92E-01	-3.40E-01	-4.79E-02	0.00E+00	0.00E+00	0.00E+00	-5.51E+00
NKN132	-4.27E-03	9.78E-03	1.11E-03	3.37E-02	0.00E+00	0.00E+00	-8.74E-01	-5.21E-04	2.75E-05	-2.42E-03	0.00E+00	0.00E+00	-8.26E-10	-6.24E-08	5.94E-04	-7.90E-01	0.00E+00	0.00E+00	-8.35E-01	0.00E+00	-6.15E-02	0.00E+00	2.91E-09	-8.51E-09	-6.43E-04	0.00E+00	-8.61E-02	0.00E+00	-6.15E-02	-1.59E-05	-6.15E-02	-2.02E-01	-8.61E-02	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
NKN140	-8.10E-03	1.19E-02	3.37E-04	3.20E-02	0.00E+00	0.00E+00	-1.30E+00	-7.44E-04	2.64E-05	-4.06E-03	0.00E+00	0.00E+00	-1.07E-09	-1.22E-07	6.58E-04	-8.36E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-8.51E-02	0.00E+00	2.96E-09	-1.30E-08	-1.05E-03	0.00E+00	-9.62E-02	0.00E+00	-8.51E-02	-2.78E-05	-8.51E-02	-3.34E-01	-9.62E-02	0.00E+00	0.00E+00	0.00E+00	-5.13E+01
NKN150	-2.51E-03	3.69E-02	2.31E-03	5.59E-02	0.00E+00	0.00E+00	-6.93E-02	-4.48E-04	2.12E-04	-1.04E-03	0.00E+00	0.00E+00	-6.88E-10	-4.18E-08	8.68E-04	-6.58E-01	0.00E+00	0.00E+00	-1.71E-01	0.00E+00	3.93E-01	0.00E+00	7.56E-09	-5.52E-09	-4.30E-04	0.00E+00	-1.05E-01	0.00E+00	3.93E-01	-1.29E-05	3.93E-01	2.22E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.85E+00
NKN163	-8.59E-03	-9.44E-03	7.98E-05	1.25E-02	0.00E+00	0.00E+00	-1.09E+00	-5.26E-04	2.46E-04	-4.89E-03	0.00E+00	0.00E+00	-1.16E-09	-6.21E-08	-5.81E-04	-6.00E-01	0.00E+00	0.00E+00	-9.55E-01	0.00E+00	-2.76E-01	0.00E+00	2.53E-09	-1.62E-08	-7.85E-04	0.00E+00	-7.52E-02	0.00E+00	-2.76E-01	-2.82E-05	-2.76E-01	-5.53E-01	-7.52E-02	0.00E+00	0.00E+00	0.00E+00	-4.41E+01
NKN200	-7.48E-03	-7.35E-02	-1.06E-04	-4.08E-02	0.00E+00	0.00E+00	-2.18E+00	-6.04E-04	-3.64E-05	-3.48E-03	0.00E+00	0.00E+00	-2.58E-09	-1.22E-07	-7.27E-03	-2.21E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-5.30E-01	0.00E+00	8.55E-10	-1.78E-08	-1.26E-03	0.00E+00	-4.08E-01	0.00E+00	-5.30E-01	-4.06E-05	-5.30E-01	-7.43E-01	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NKN201	-6.86E-03	-5.53E-02	1.89E-04	-2.41E-02	0.00E+00	0.00E+00	-2.17E+00	-5.19E-04	-1.09E-04	-3.36E-03	0.00E+00	0.00E+00	-2.18E-09	-1.35E-07	-5.79E-03	-1.16E+00	0.00E+00	0.00E+00	-2.01E+00	0.00E+00	-4.88E-01	0.00E+00	1.03E-09	-1.49E-08	-8.76E-04	0.00E+00	-2.02E-01	0.00E+00	-4.88E-01	-3.94E-05	-4.88E-01	-7.81E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
NKN202	-7.51E-03	-5.58E-02	1.97E-04	-2.45E-02	0.00E+00	0.00E+00	-2.28E+00	-6.30E-04	-9.18E-05	-3.66E-03	0.00E+00	0.00E+00	-2.19E-09	-1.50E-07	-5.93E-03	-1.20E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	-5.37E-01	0.00E+00	1.04E-09	-1.62E-08	-9.84E-04	0.00E+00	-2.07E-01	0.00E+00	-5.37E-01	-4.31E-05	-5.37E-01	-8.23E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.33E+01
NKN203	-7.90E-03	-7.88E-02	-1.73E-04	-4.42E-02	0.00E+00	0.00E+00	-2.36E+00	-7.08E-04	-3.36E-05	-3.85E-03	0.00E+00	0.00E+00	-2.78E-09	-1.39E-07	-7.53E-03	-2.25E+00	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-7.37E-01	0.00E+00	3.60E-10	-2.02E-08	-1.51E-03	0.00E+00	-4.24E-01	0.00E+00	-7.37E-01	-4.65E-05	-7.37E-01	-1.01E+00	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NKN206	-5.63E-03	-2.39E-02	5.28E-04	-7.59E-03	0.00E+00	0.00E+00	-1.50E+00	-4.44E-04	-1.01E-04	-3.10E-03	0.00E+00	0.00E+00	-2.19E-09	-1.33E-07	-5.84E-03	-1.09E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-3.84E-01	0.00E+00	1.24E-09	-1.45E-08	-7.34E-04	0.00E+00	-2.06E-01	0.00E+00	-3.84E-01	-3.62E-05	-3.84E-01	-3.73E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-6.37E+01
NKN210	-8.08E-03	-1.03E-01	-2.51E-03	-1.00E-01	0.00E+00	0.00E+00	-2.25E+00	-7.88E-04	-3.77E-04	-4.91E-03	0.00E+00	0.00E+00	-2.67E-09	-9.04E-08	-2.28E-02	-1.38E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-2.38E+00	0.00E+00	-6.55E-09	-2.93E-08	-1.88E-03	0.00E+00	-4.52E-01	0.00E+00	-2.38E+00	-2.43E-05	-2.38E+00	-2.83E+00	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NKN213	-7.88E-03	-6.15E-02	-9.63E-05	-3.08E-02	0.00E+00	0.00E+00	-2.16E+00	-6.79E-04	-9.10E-05	-5.11E-03	0.00E+00	0.00E+00	-2.81E-09	-1.44E-07	-9.97E-03	-2.19E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-6.98E-01	0.00E+00	2.85E-10	-2.47E-08	-1.55E-03	0.00E+00	-4.58E-01	0.00E+00	-6.98E-01	-4.75E-05	-6.98E-01	-1.04E+00	-4.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NKN216	-1.17E-04	-3.00E-03	6.36E-04	-3.64E-03	0.00E+00	0.00E+00	-2.73E-01	-8.58E-05	5.28E-04	-5.30E-04	0.00E+00	0.00E+00	-1.90E-09	-2.35E-09	1.48E-03	-2.25E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-1.20E+00	0.00E+00	-5.82E-10	-1.31E-08	-6.01E-04	0.00E+00	-9.78E-02	0.00E+00	-1.20E+00	-4.42E-06	-1.20E+00	-1.30E+00	-9.78E-02	0.00E+00	0.00E+00	0.00E+00	-4.88E+01
NKN220	-7.48E-03	-3.88E-02	4.55E-04	-3.26E-02	0.00E+00	0.00E+00	-2.34E+00	-6.00E-04	-2.34E-04	-4.15E-03	0.00E+00	0.00E+00	-2.62E-09	-1.65E-07	-6.44E-03	-1.91E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-6.25E-01	0.00E+00	7.06E-10	-1.96E-08	-1.12E-03	0.00E+00	-3.48E-01	0.00E+00	-6.25E-01	-4.87E-05	-6.25E-01	-1.01E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NKN225	-5.47E-03	-2.39E-02	1.26E-03	-3.85E-02	0.00E+00	0.00E+00	-2.03E+00	-4.38E-04	5.63E-05	-3.06E-03	0.00E+00	0.00E+00	-2.52E-09	-1.59E-07	-5.62E-03	-1.87E+00	0.00E+00	0.00E+00	-2.31E+00	0.00E+00	-7.29E-01	0.00E+00	7.97E-10	-1.76E-08	-8.85E-04	0.00E+00	-3.84E-01	0.00E+00	-7.29E-01	-5.22E-05	-7.29E-01	-1.14E+00	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NKN232	-4.72E-03	-1.62E-02	1.02E-03	-1.04E-02	0.00E+00	0.00E+00	-2.76E+00	-4.09E-04	8.34E-05	-2.72E-03	0.00E+00	0.00E+00	-2.52E-09	-1.61E-07	-5.79E-03	-1.50E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-6.79E-01	0.00E+00	1.46E-09	-1.78E-08	-8.77E-04	0.00E+00	-3.44E-01	0.00E+00	-6.79E-01	-5.51E-05	-6.79E-01	-1.16E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02

NKN240	-9.80E-03	-2.60E-02	-3.04E-05	-1.76E-02	0.00E+00	0.00E+00	-3.11E+00	-6.29E-04	-2.39E-04	-4.08E-03	0.00E+00	0.00E+00	-2.65E-09	-2.18E-07	-3.83E-03	-1.52E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-6.48E-01	0.00E+00	6.30E-10	-2.20E-08	-1.17E-03	0.00E+00	-3.62E-01	0.00E+00	-6.48E-01	-6.15E-05	-6.48E-01	-9.60E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NKN250	-1.29E-02	1.29E-02	-7.00E-04	8.68E-03	0.00E+00	0.00E+00	-3.51E+00	-1.13E-03	-1.91E-04	-6.05E-03	0.00E+00	0.00E+00	-2.81E-09	-2.26E-07	-5.47E-03	-1.64E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-6.41E-01	0.00E+00	7.96E-10	-2.71E-08	-1.93E-03	0.00E+00	-3.71E-01	0.00E+00	-6.41E-01	-6.62E-05	-6.41E-01	-9.66E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NKN263	-1.67E-02	1.48E-02	-9.66E-04	-2.32E-02	0.00E+00	0.00E+00	-3.90E+00	-1.87E-03	1.74E-05	-8.08E-03	0.00E+00	0.00E+00	-3.62E-09	-2.61E-07	-4.87E-03	-1.55E+00	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-6.51E-01	0.00E+00	1.34E-09	-3.03E-08	-2.79E-03	0.00E+00	-4.82E-01	0.00E+00	-6.51E-01	-7.09E-05	-6.51E-01	-7.63E-01	-4.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NKN300	-1.11E-02	-7.30E-02	-2.39E-03	-8.19E-02	0.00E+00	0.00E+00	-2.93E+00	-1.37E-03	-3.52E-04	-6.85E-03	0.00E+00	0.00E+00	-3.56E-09	-1.46E-07	-1.75E-02	-2.34E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-1.57E+00	0.00E+00	-2.60E-09	-2.96E-08	-2.45E-03	0.00E+00	-4.77E-01	0.00E+00	-1.57E+00	-4.95E-05	-1.57E+00	-2.13E+00	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NKN301	-1.11E-02	-5.22E-02	-2.33E-03	-6.92E-02	0.00E+00	0.00E+00	-2.94E+00	-1.35E-03	-3.38E-04	-6.96E-03	0.00E+00	0.00E+00	-3.33E-09	-1.36E-07	-2.01E-02	-1.73E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.44E+00	0.00E+00	1.94E-09	-2.87E-08	-2.34E-03	0.00E+00	-4.07E-01	0.00E+00	-1.44E+00	-4.58E-05	-1.44E+00	-1.70E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NKN302	-1.19E-02	-7.10E-02	-1.91E-03	-8.34E-02	0.00E+00	0.00E+00	-2.92E+00	-1.31E-03	-2.60E-04	-6.31E-03	0.00E+00	0.00E+00	-3.38E-09	-1.47E-07	-1.95E-02	-1.77E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.58E+00	0.00E+00	1.24E-09	-3.04E-08	-2.39E-03	0.00E+00	-4.40E-01	0.00E+00	-1.58E+00	-4.95E-05	-1.58E+00	-1.93E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NKN303	-1.12E-02	-7.60E-02	-2.64E-03	-9.68E-02	0.00E+00	0.00E+00	-2.63E+00	-1.30E-03	-3.26E-04	-7.64E-03	0.00E+00	0.00E+00	-3.68E-09	-1.39E-07	-9.14E-03	-2.11E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-1.19E+00	0.00E+00	9.39E-10	-3.11E-08	-2.58E-03	0.00E+00	-4.85E-01	0.00E+00	-1.19E+00	-5.17E-05	-1.19E+00	-1.42E+00	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NKN304	-1.22E-02	-9.04E-02	-2.05E-03	-1.09E-01	0.00E+00	0.00E+00	-3.29E+00	-1.40E-03	-2.97E-04	-8.21E-03	0.00E+00	0.00E+00	-3.99E-09	-1.30E-07	-1.67E-02	-2.27E+00	0.00E+00	0.00E+00	-3.36E+00	0.00E+00	-2.01E+00	0.00E+00	-2.94E-09	-3.34E-08	-2.62E-03	0.00E+00	-5.07E-01	0.00E+00	-2.01E+00	-5.17E-05	-2.01E+00	-2.39E+00	-5.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NKN306	-8.32E-03	-9.09E-02	-1.84E-03	-7.36E-02	0.00E+00	0.00E+00	-2.00E+00	-6.93E-04	-8.76E-05	-4.68E-03	0.00E+00	0.00E+00	-2.97E-09	-1.31E-07	-1.90E-02	-1.67E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-1.16E+00	0.00E+00	1.35E-09	-2.63E-08	-1.55E-03	0.00E+00	-3.59E-01	0.00E+00	-1.16E+00	-4.25E-05	-1.16E+00	-1.32E+00	-3.59E-01	0.00E+00	0.00E+00	0.00E+00	-9.49E+01
NKN310	-9.07E-03	-1.10E-01	-2.12E-03	-1.19E-01	0.00E+00	0.00E+00	-2.23E+00	-7.70E-04	-1.01E-04	-5.12E-03	0.00E+00	0.00E+00	-3.31E-09	-1.20E-07	-1.93E-02	-2.18E+00	0.00E+00	0.00E+00	-2.83E+00	0.00E+00	-1.64E+00	0.00E+00	1.61E-10	-2.90E-08	-1.88E-03	0.00E+00	-4.86E-01	0.00E+00	-1.64E+00	-4.73E-05	-1.64E+00	-1.80E+00	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
NKN313	-1.09E-02	-1.39E-01	-2.48E-03	-1.26E-01	0.00E+00	0.00E+00	-2.84E+00	-1.26E-03	-3.12E-04	-7.40E-03	0.00E+00	0.00E+00	-3.59E-09	-1.27E-07	-2.01E-02	-2.21E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-1.83E+00	0.00E+00	1.50E-10	-3.33E-08	-2.33E-03	0.00E+00	-4.94E-01	0.00E+00	-1.83E+00	-4.68E-05	-1.83E+00	-1.88E+00	-4.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NKN316	-1.31E-02	-8.72E-03	3.64E-03	-1.24E-02	0.00E+00	0.00E+00	-1.18E+00	-1.35E-03	-4.85E-04	-6.62E-03	0.00E+00	0.00E+00	-1.50E-09	-1.54E-07	-2.29E-02	-1.70E+00	0.00E+00	0.00E+00	-1.89E+00	0.00E+00	7.25E-01	0.00E+00	1.12E-08	-2.11E-08	-1.89E-03	0.00E+00	-3.71E-01	0.00E+00	7.25E-01	-3.87E-05	7.25E-01	3.54E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-8.77E+01
NKN320	-1.06E-02	-1.36E-01	-1.86E-03	-1.24E-01	0.00E+00	0.00E+00	-3.14E+00	-1.18E-03	-1.87E-04	-7.50E-03	0.00E+00	0.00E+00	-3.87E-09	-1.12E-07	-2.17E-02	-2.19E+00	0.00E+00	0.00E+00	-3.38E+00	0.00E+00	-1.96E+00	0.00E+00	8.80E-10	-3.21E-08	-2.21E-03	0.00E+00	-4.68E-01	0.00E+00	-1.96E+00	-5.10E-05	-1.96E+00	-2.17E+00	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NKN325	-1.98E-02	-8.89E-02	-3.36E-03	-8.29E-02	0.00E+00	0.00E+00	-3.25E+00	-1.62E-03	-2.71E-04	-9.37E-03	0.00E+00	0.00E+00	-3.95E-09	-2.15E-07	-1.64E-02	-2.21E+00	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	-1.59E+00	0.00E+00	2.59E-10	-4.20E-08	-3.64E-03	0.00E+00	-5.36E-01	0.00E+00	-1.59E+00	-6.28E-05	-1.59E+00	-1.70E+00	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NKN332	-1.40E-02	-1.02E-02	-4.00E-03	2.87E-02	0.00E+00	0.00E+00	-2.28E+00	-1.44E-03	-8.59E-04	-8.15E-03	0.00E+00	0.00E+00	-4.69E-09	-3.14E-07	-5.28E-03	-1.93E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	-5.95E-01	0.00E+00	-1.06E-09	-2.83E-08	-4.20E-03	0.00E+00	-3.85E-01	0.00E+00	-5.95E-01	-8.09E-05	-5.95E-01	-9.77E-01	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+01
NKN340	-1.44E-02	-5.36E-02	-4.29E-03	-2.74E-02	0.00E+00	0.00E+00	-3.18E+00	-1.75E-03	-8.95E-04	-1.05E-02	0.00E+00	0.00E+00	-3.71E-09	-2.57E-07	-2.18E-03	-2.02E+00	0.00E+00	0.00E+00	-3.19E+00	0.00E+00	-1.40E+00	0.00E+00	-1.62E-09	-3.43E-08	-3.87E-03	0.00E+00	-4.11E-01	0.00E+00	-1.40E+00	-6.78E-05	-1.40E+00	-1.54E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NKN350	-2.36E-02	-3.27E-02	-4.91E-03	-7.90E-02	0.00E+00	0.00E+00	-6.38E+00	-3.42E-03	-1.24E-03	-1.82E-02	0.00E+00	0.00E+00	-5.51E-09	-3.80E-07	-6.84E-03	-2.09E+00	0.00E+00	0.00E+00	-4.83E+00	0.00E+00	-1.16E+00	0.00E+00	-2.03E-09	-3.74E-08	-4.37E-03	0.00E+00	-6.21E-01	0.00E+00	-1.16E+00	-9.88E-05	-1.16E+00	-1.73E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
NKN363	-2.57E-02	-5.59E-02	-4.85E-03	-1.16E-01	0.00E+00	0.00E+00	-7.25E+00	-3.30E-03	-1.29E-03	-2.01E-02	0.00E+00	0.00E+00	-5.71E-09	-3.98E-07	-7.67E-03	-2.15E+00	0.00E+00	0.00E+00	-5.72E+00	0.00E+00	-1.90E+00	0.00E+00	-2.64E-09	-4.64E-08	-4.61E-03	0.00E+00	-6.58E-01	0.00E+00	-1.90E+00	-9.91E-05	-1.90E+00	-2.69E+00	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
NKN400	-2.05E-02	-1.39E-01	-4.95E-03	-6.43E-02	0.00E+00	0.00E+00	-5.03E+00	-1.97E-03	-5.15E-05	-9.48E-03	0.00E+00	0.00E+00	-4.17E-09	-1.74E-07	-5.95E-03	-2.60E+00	0.00E+00	0.00E+00	-4.74E+00	0.00E+00	-2.38E+00	0.00E+00	-7.68E-09	-5.02E-08	-3.24E-03	0.00E+00	-9.00E-01	0.00E+00	-2.38E+00	-4.93E-05	-2.38E+00	-2.99E+00	-9.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
NKN401	-2.06E-02	-1.53E-01	-5.36E-03	-4.22E-02	0.00E+00	0.00E+00	-5.56E+00	-1.96E-03	-1.88E-04	-1.06E-02	0.00E+00	0.00E+00	-4.15E-09	-1.87E-07	-6.98E-03	-2.95E+00	0.00E+00	0.00E+00	-5.62E+00	0.00E+00	-2.46E+00	0.00E+00	-7.60E-09	-5.07E-08	-3.35E-03	0.00E+00	-8.42E-01	0.00E+00	-2.46E+00	-5.07E-05	-2.46E+00	-3.17E+00	-8.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
NKN402	-1.92E-02	-1.82E-01	-4.91E-03	-6.82E-02	0.00E+00	0.00E+00	-5.00E+00	-1.71E-03	-3.99E-04	-9.72E-03	0.00E+00	0.00E+00	-4.11E-09	-2.18E-07	-6.96E-03	-2.27E+00	0.00E+00	0.00E+00	-4.95E+00	0.00E+00	-2.55E+00	0.00E+00	-6.41E-09	-5.46E-08	-3.58E-03	0.00E+00	-6.64E-01	0.00E+00	-2.55E+00	-6.03E-05	-2.55E+00	-3.11E+00	-6.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
NKN404	-2.19E-02	-1.82E-01	-6.42E-03	-4.18E-02	0.00E+00	0.00E+00	-5.25E+00	-1.87E-03	-5.78E-04	-1.22E-02	0.00E+00	0.00E+00	-4.20E-09	-2.52E-07	-7.26E-03	-2.29E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-2.55E+00	0.00E+00	-6.76E-09	-6.64E-08	-4.73E-03	0.00E+00	-7.21E-01	0.00E+00	-2.55E+00	-6.88E-05	-2.55E+00	-3.10E+00	-7.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NKN406	-1.52E-02	-1.81E-01	-5.14E-03	-6.79E-02	0.00E+00	0.00E+00	-2.63E+00	-1.46E-03	-1.55E-04	-7.59E-03	0.00E+00	0.00E+00	-3.89E-09	-1.38E-07	-6.44E-03	-2.80E+00	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	-2.05E+00	0.00E+00	-1.22E-09	-4.25E-08	-2.83E-03	0.00E+00	-6.38E-01	0.00E+00	-2.05E+00	-4.89E-05	-2.05E+00	-2.35E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NKN410	-1.81E-02	-1.95E-01	-4.15E-03	-9.42E-02	0.00E+00	0.00E+00	-2.82E+00	-1.47E-03	-6.92E-05	-9.19E-03	0.00E+00	0.00E+00	-4.10E-09	-1.59E-07	-4.75E-03	-2.79E+00	0.00E+00	0.00E+00	-3.32E+00	0.00E+00	-2.30E+00	0.00E+00	-1.20E-09	-4.60E-08	-3.32E-03	0.00E+00	-6.52E-01	0.00E+00	-2.30E+00	-5.71E-05	-2.30E+00	-2.38E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NKN413	-2.06E-02	-2.01E-01	-4.46E-03	-1.02E-01	0.00E+00	0.00E+00	-3.20E+00	-1.73E-03	-2.72E-04	-9.45E-03	0.00E+00	0.00E+00	-4.16E-09	-1.73E-07	-5.66E-03	-2.92E+00	0.00E+00	0.00E+00	-3.38E+00	0.00E+00	-2.21E+00	0.00E+00	-2.48E-09	-5.22E-08	-3.88E-03	0.00E+00	-6.95E-01	0.00E+00	-2.21E+00	-6.18E-05	-2.21E+00	-2.25E+00	-6.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
NKN416	-2.64E-04	-4.59E-02	2.13E-03	-4.80E-02	0.00E+00	0.00E+00	1.57E-02	-1.49E-04	1.05E-03	-1.12E-03	0.00E+00	0.00E+00	-3.20E-09	-2.35E-09	-3.80E-02	-1.84E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-2.36E+00	0.00E+00	7.37E-10	-2.52E-08	-1.07E-03	0.00E+00	-5.98E-01	0.00E+00	-2.36E+00	-7.69E-06	-2.36E+00	-2.96E+00	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	-9.79E+01
NKN420	-2.41E-02	-2.61E-01	-6.36E-03	-9.05E-02	0.00E+00	0.00E+00	-5.41E+00	-2.13E-03	-5.27E-04	-1.45E-02	0.00E+00	0.00E+00	-4.32E-09	-2.62E-07	-7.65E-03	-3.58E+00	0.00E+00	0.00E+00	-5.46E+00	0.00E+00	-2.97E+00	0.00E+00	-8.19E-09	-6.87E-08	-5.33E-03	0.00E+00	-8.67E-01	0.00E+00	-2.97E+00	-7.14E-05	-2.97E+00	-3.27E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
NKN425	-2.99E-02	-1.56E-01	-6.31E-03	-9.06E-02	0.00E+00	0.00E+00	-3.31E+00	-2.54E-03	4.77E-05	-1.05E-02	0.00E+00	0.00E+00	-5.09E-09	-1.86E-07	-1.46E-03	-2.60E+00	0.00E+00	0.00E+00	-3.46E+00	0.00E+00	-1.96E+00	0.00E+00	-6.25E-09	-6.66E-08	-4.91E-03	0.00E+00	-9.81E-01	0.00E+00	-1.96E+00	-4.95E-05	-1.96E+00	-2.26E+00	-9.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
NKN432	1.92E-03	-3.08E-01	5.33E-03	-3.13E-01	0.00E+00	0.00E+00	5.32E-01	-1.14E-04	2.58E-03	-2.83E-03	0.00E+00	0.00E+00	-2.87E-09	1.96E-08	-3.87E-02	-1.40E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.39E+00	0.00E+00	-1.99E-09	-2.41E-08	-1.33E-03	0.00E+00	-4.50E-01	0.00E+00	-2.39E+00	-6.09E-06	-2.39E+00	-2.84E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NKN440	3.69E-03	-2.14E-01	8.16E-03	-2.23E-01	0.00E+00	0.00E+00	1.02E+00	-9.96E-05	3.65E-03	-1.87E-03	0.00E+00	0.00E+00	-2.78E-09	3.15E-08	5.85E-03	-1.60E+00	0.00E+00	0.00E+00	-5.41E-01	0.00E+00	-1.12E+00	0.00E+00	3.05E-09	-1.66E-08	-9.17E-04	0.00E+00	-2.16E-01	0.00E+00	-1.12E+00	-6.07E-06	-1.12E+00	-1.34E+00	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
NKN450	-3.50E-02	-1.60E-01	-6.66E-03	-1.39E-01	0.00E+00	0.00E+00	-9.13E+00	-3.90E-03	7.28E-04	-2.26E-02	0.00E+00	0.00E+00	-7.23E-09	-3.80E-07	-5.03E-03	-3.37E+00	0.00E+00	0.00E+00	-8.06E+00	0.00E+00	-3.42E+00	0.00E+00	-9.01E-09	-7.17E-08	-5.22E-03	0.00E+00	-1.06E+00	0.00E+00	-3.42E+00	-8.65E-05	-3.42E+00	-4.10E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.42E+02
NKN463	4.16E-03	-1.86E-01	1.04E-02	-1.96E-01	0.00E+00	0.00E+00	1.35E+00	-9.82E-05	3.87E-03	-1.52E-03	0.00E+00	0.00E+00	-2.28E-09	3.45E-08	7.20E-03	-2.16E+00	0.00E+00	0.00E+00	3.89E-01	0.00E+00	-6.76E-01	0.00E+00	5.18E-09	-1.40E-08	-7.92E-04	0.00E+00	-2.11E-01	0.00E+00	-6.76E-01	-5.33E-06	-6.76E-01	-8.87E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	8.44E+00
NQN106	-3.56E-03	1.72E-03	4.59E-04	1.58E-02	0.00E+00	0.00E+00	-5.85E-01	-3.35E-04	3.77E-05	-1.40E-03	0.00E+00	0.00E+00	-8.03E-10	-4.85E-08	-1.75E-04	-6.23E-01	0.00E+00	0.00E+00	-7.53E-01	0.00E+00	-1.80E-01	0.00E+00	1.19E-09	-7.97E-09	-5.09E-04	0.00E+00	-7.59E-02	0.00E+00	-1.80E-01	-1.11E-05	-1.80E-01	-2.92E-01	-7.59E-02	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
NQN110	-2.04E-03	-1.68E-02	1.90E-03	-4.38E-02	0.00E+00	0.00E+00	-7.18E-03	-2.67E-04	1.70E-04	-4.49E-04	0.00E+00	0.00E+00	-6.69E-10	-2.64E-08	-7.25E-04	-1.21E+00	0.00E+00	0.00E+00	-2.95E-01	0.00E+00	7.47E-02	0.00E+00	1.76E-09	-4.51E-09	-3.93E-04	0.00E+00	-1.51E-01	0.00E+00	7.47E-02	-7.22E-06	7.47E-02	3.92E-02	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
NQN113	-6.19E-03	-1.46E-02	3.72E-04	-1.53E-03	0.00E+00	0.00E+00	-9.81E-01	-5.72E-04	3.97E-05	-3.93E-03	0.00E+00	0.00E+00	-1.27E-09	-6.98E-08	-3.13E-03	-1.41E+00	0.00E+00	0.00E+00	-1.36E+00	0.00E+00	-8.24E-02	0.00E+00	1.39E-09	-1.38E-08	-1.05E-03	0.00E+00	-1.94E-01	0.00E+00	-8.24E-02	-1.66E-05	-8.24E-02	-2.27E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
NQN116	-2.14E-03	-1.97E-02	1.81E-03	-4.01E-02	0.00E+00	0.00E+00	-6.55E-02	-2.95E-04	1.70E-04	-5.22E-04	0.00E+00	0.00E+00	-8.10E-10	-2.57E-08	-5.25E-04	-1.23E+00	0.00E+00	0.00E+00	-3.25E-01	0.00E+00	1.21E-01	0.00E+00	1.73E-09	-5.30E-09	-4.04E-04	0.00E+00	-1.55E-01	0.00E+00	1.21E-01	-7.62E-06	1.21E-01	1.36E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
NQN120	-8.87E-03	-1.03E-02	3.67E-04	-1.77E-04	0.00E+00	0.00E+00	-1.53E+00	-8.20E-04	-6.26E-06	-5.11E-03	0.00E+00	0.00E+00	-1.35E-09	-1.12E-07	-2.79E-03	-1.48E+00	0.00E+00	0.00E+00	-1.48E+00	0.00E+00	-1.31E-01	0.00E+00	2.32E-09	-1.54E-08	-1.34E-03	0.00E+00	-2.02E-01	0.00E+00	-1.31E-01	-2.73E-05	-1.31E-01	-3.22E-01	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
NQN125	-8.32E-03	5.09E-03	7.26E-05	1.58E-02	0.00E+00	0.00E+00	-1.32E+00	-7.30E-04	-7.23E-06	-4.35E-03	0.00E+00	0.00E+00	-1.12E-09	-1.12E-07	-2.87E-04	-9.06E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-1.14E-01	0.00E+00	1.73E-09	-1.33E-08	-1.00E-03	0.00E+00	-1.19E-01	0.00E+00	-1.14E-01	-2.60E-05	-1.14E-01	-2.62E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
NQN132	-9.04E-03	5.88E-03	2.93E-04	2.32E-02	0.00E+00	0.00E+00	-1.41E+00	-7.42E-04	-3.08E-05	-4.59E-03	0.00E+00	0.00E+00	-1.10E-09	-1.21E-07	-2.58E-04	-8.57E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	1.98E-02	0.00E+00	2.42E-09	-1.37E-08	-1.12E-03	0.00E+00	-1.03E-01	0.00E+00	1.98E-02	-2.85E-05	1.98E-02	-9.21E-02	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-5.36E+01
NQN140	-9.19E-03	-2.07E-03	2.33E-04	9.16E-03	0.00E+00	0.00E+00	-1.38E+00	-7.47E-04	-3.26E-05	-4.82E-03	0.00E+00	0.00E+00	-1.12E-09	-1.07E-07	-4.33E-04	-8.20E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-2.25E-02	0.00E+00	2.26E-09	-1.42E-08	-1.16E-03	0.00E+00	-9.84E-02	0.00E+00	-2.25E-02	-3.03E-05	-2.25E-02	-1.92E-01	-9.84E-02	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
NQN150	-9.29E-03	7.01E-04	-1.22E-04	2.29E-02	0.00E+00	0.00E+00	-1.46E+00	-6.66E-04	6.54E-05	-5.06E-03	0.00E+00	0.00E+00	-1.18E-09	-1.08E-07	-9.92E-04	-7.92E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-2.26E-01	0.00E+00	1.87E-09	-1.54E-08	-9.75E-04	0.00E+00	-1.01E-01	0.00E+00	-2.26E-01	-2.94E-05	-2.26E-01	-4.29E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
NQN163	-9.00E-03	-6.01E-03	-2.68E-05	2.14E-02	0.00E+00	0.00E+00	-1.22E+00	-5.56E-04	2.42E-04	-4.97E-03	0.00E+00	0.00E+00	-1.16E-09	-7.62E-08	-6.86E-04	-6.20E-01	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-2.98E-01	0.00E+00	1.75E-09	-1.67E-08	-8.28E-04	0.00E+00	-8.39E-02	0.00E+00	-2.98E-01	-2.84E-05	-2.98E-01	-5.17E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
NQN206	-5.73E-03	-1.73E-02	5.30E-04	1.20E-03	0.00E+00	0.00E+00	-1.78E+00	-4.98E-04	-1.55E-04	-3.23E-03	0.00E+00	0.00E+00	-2.19E-09	-1.43E-07	-5.67E-03	-1.10E+00	0.00E+00	0.00E+00	-1.65E+00	0.00E+00	-4.06E-01	0.00E+00	1.38E-09	-1.44E-08	-7.54E-04	0.00E+00	-2.05E-01	0.00E+00	-4.06E-01	-3.62E-05	-4.06E-01	-3.99E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
NQN210	-4.45E-03	-1.84E-02	2.67E-03	-4.85E-02	0.00E+00	0.00E+00	-4.31E-01	-4.88E-04	1.82E-04	-1.87E-03	0.00E+00	0.00E+00	-1.87E-09	-1.34E-08	-1.31E-03	-1.73E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-3.66E-03	0.00E+00	6.38E-09	-1.44E-08	-1.16E-03	0.00E+00	-2.85E-01	0.00E+00	-3.66E-03	-1.40E-05	-3.66E-03	3.50E-02	-2.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
NQN213	-7.17E-03	-5.57E-02	6.83E-05	-2.44E-02	0.00E+00	0.00E+00	-2.40E+00	-6.65E-04	-1.19E-04	-5.56E-03	0.00E+00	0.00E+00	-2.79E-09	-1.39E-07	-1.17E-02	-2.29E+00	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-8.27E-01	0.00E+00	6.90E-10	-2.42E-08	-1.59E-03	0.00E+00	-4.54E-01	0.00E+00	-8.27E-01	-4.65E-05	-8.27E-01	-1.18E+00	-4.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
NQN216	-6.64E-03	-2.86E-02	3.50E-04	-1.27E-02	0.00E+00	0.00E+00	-1.81E+00	-5.79E-04	-1.34E-04	-4.04E-03	0.00E+00	0.00E+00	-2.46E-09	-1.53E-07	-5.05E-03	-1.21E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	-5.76E-01	0.00E+00	5.53E-10	-1.92E-08	-1.04E-03	0.00E+00	-2.00E-01	0.00E+00	-5.76E-01	-4.56E-05	-5.76E-01	-7.62E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
NQN220	-7.05E-03	-2.52E-02	9.54E-04	-1.58E-02	0.00E+00	0.00E+00	-2.54E+00	-5.73E-04	-2.32E-04	-4.08E-03	0.00E+00	0.00E+00	-2.49E-09	-1.85E-07	-5.36E-03	-1.35E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-5.42E-01	0.00E+00	1.25E-09	-1.85E-08	-1.03E-03	0.00E+00	-2.35E-01	0.00E+00	-5.42E-01	-5.12E-05	-5.42E-01	-6.82E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
NQN225	-6.49E-03	-8.67E-03	1.24E-03	-1.24E-03	0.00E+00	0.00E+00	-2.31E+00	-4.70E-04	6.62E-05	-3.47E-03	0.00E+00	0.00E+00	-2.33E-09	-1.77E-07	-4.72E-03	-9.82E-01	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-5.05E-01	0.00E+00	1.46E-09	-1.70E-08	-7.86E-04	0.00E+00	-2.44E-01	0.00E+00	-5.05E-01	-5.52E-05	-5.05E-01	-6.66E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-9.48E+01
NQN232	-5.94E-03	-7.03E-03	1.31E-03	-3.05E-03	0.00E+00	0.00E+00	-2.44E+00	-4.49E-04	7.51E-05	-3.28E-03	0.00E+00	0.00E+00	-2.31E-09	-1.78E-07	-5.60E-03	-9.59E-01	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-4.87E-01	0.00E+00	1.66E-09	-1.56E-08	-7.78E-04	0.00E+00	-2.38E-01	0.00E+00	-4.87E-01	-5.70E-05	-4.87E-01	-7.73E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NQN240	-9.34E-03	-2.26E-02	3.43E-04	-1.94E-02	0.00E+00	0.00E+00	-2.66E+00	-5.90E-04	-1.74E-04	-3.95E-03	0.00E+00	0.00E+00	-2.59E-09	-2.07E-07	-3.79E-03	-1.52E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-4.93E-01	0.00E+00	8.65E-10	-2.21E-08	-1.17E-03	0.00E+00	-3.58E-01	0.00E+00	-4.93E-01	-6.08E-05	-4.93E-01	-7.63E-01	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NQN250	-1.30E-02	1.55E-02	-6.69E-04	8.84E-03	0.00E+00	0.00E+00	-3.52E+00	-1.13E-03	-1.91E-04	-6.05E-03	0.00E+00	0.00E+00	-2.83E-09	-2.32E-07	-5.45E-03	-1.66E+00	0.00E+00	0.00E+00	-3.00E+00	0.00E+00	-6.29E-01	0.00E+00	9.22E-10	-2.73E-08	-1.92E-03	0.00E+00	-3.79E-01	0.00E+00	-6.29E-01	-6.66E-05	-6.29E-01	-8.74E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NQN263	-1.69E-02	1.88E-03	-1.08E-03	-5.79E-02	0.00E+00	0.00E+00	-4.04E+00	-1.87E-03	5.01E-05	-8.75E-03	0.00E+00	0.00E+00	-3.68E-09	-2.70E-07	-6.26E-03	-2.29E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-9.24E-01	0.00E+00	9.08E-10	-3.10E-08	-2.85E-03	0.00E+00	-5.97E-01	0.00E+00	-9.24E-01	-7.21E-05	-9.24E-01	-1.27E+00	-5.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NQN306	-8.31E-03	-1.55E-01	2.31E-03	-1.18E-01	0.00E+00	0.00E+00	-8.56E-01	-8.62E-04	1.65E-04	-5.29E-03	0.00E+00	0.00E+00	-2.39E-09	-6.23E-08	-1.67E-02	-2.13E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-3.64E-01	0.00E+00	7.87E-09	-2.43E-08	-2.09E-03	0.00E+00	-4.41E-01	0.00E+00	-3.64E-01	-1.88E-05	-3.64E-01	-2.40E-01	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-7.95E+01
NQN310	-9.70E-03	-1.36E-01	-1.64E-03	-1.05E-01	0.00E+00	0.00E+00	-2.61E+00	-9.97E-04	-1.64E-04	-6.58E-03	0.00E+00	0.00E+00	-3.31E-09	-1.17E-07	-2.01E-02	-1.83E+00	0.00E+00	0.00E+00	-3.45E+00	0.00E+00	-1.82E+00	0.00E+00	4.05E-10	-2.91E-08	-2.04E-03	0.00E+00	-4.36E-01	0.00E+00	-1.82E+00	-4.62E-05	-1.82E+00	-2.14E+00	-4.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
NQN313	-1.06E-02	-1.66E-01	-2.34E-03	-1.28E-01	0.00E+00	0.00E+00	-3.30E+00	-1.29E-03	-4.05E-04	-8.78E-03	0.00E+00	0.00E+00	-3.64E-09	-1.39E-07	-2.10E-02	-2.37E+00	0.00E+00	0.00E+00	-3.84E+00	0.00E+00	-1.96E+00	0.00E+00	9.48E-10	-3.01E-08	-2.31E-03	0.00E+00	-4.69E-01	0.00E+00	-1.96E+00	-4.69E-05	-1.96E+00	-2.12E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
NQN316	-1.14E-02	-1.04E-01	-1.54E-03	-1.03E-01	0.00E+00	0.00E+00	-2.29E+00	-9.40E-04	1.92E-04	-4.75E-03	0.00E+00	0.00E+00	-3.21E-09	-1.16E-07	-1.78E-02	-1.75E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-1.64E+00	0.00E+00	7.92E-10	-3.16E-08	-1.68E-03	0.00E+00	-4.22E-01	0.00E+00	-1.64E+00	-5.15E-05	-1.64E+00	-1.87E+00	-4.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NQN320	-9.19E-03	-1.95E-01	1.62E-03	-2.08E-01	0.00E+00	0.00E+00	-1.66E+00	-1.17E-03	-4.79E-05	-8.01E-03	0.00E+00	0.00E+00	-3.02E-09	-1.18E-07	-1.89E-02	-2.15E+00	0.00E+00	0.00E+00	-2.92E+00	0.00E+00	-8.90E-01	0.00E+00	7.54E-09	-3.20E-08	-2.78E-03	0.00E+00	-5.14E-01	0.00E+00	-8.90E-01	-3.09E-05	-8.90E-01	-1.18E+00	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NQN325	-1.84E-02	-8.08E-02	-3.40E-03	-6.43E-02	0.00E+00	0.00E+00	-3.66E+00	-1.84E-03	-3.96E-04	-9.68E-03	0.00E+00	0.00E+00	-3.73E-09	-2.19E-07	-1.57E-02	-1.83E+00	0.00E+00	0.00E+00	-3.12E+00	0.00E+00	-1.34E+00	0.00E+00	1.40E-09	-4.02E-08	-3.54E-03	0.00E+00	-4.91E-01	0.00E+00	-1.34E+00	-6.31E-05	-1.34E+00	-1.48E+00	-4.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NQN340	-1.34E-02	-3.66E-02	-4.28E-03	-3.28E-02	0.00E+00	0.00E+00	-2.82E+00	-1.75E-03	-9.21E-04	-1.04E-02	0.00E+00	0.00E+00	-3.95E-09	-2.55E-07	-1.11E-03	-2.44E+00	0.00E+00	0.00E+00	-3.16E+00	0.00E+00	-6.14E-01	0.00E+00	2.26E-09	-3.48E-08	-3.94E-03	0.00E+00	-3.78E-01	0.00E+00	-6.14E-01	-6.78E-05	-6.14E-01	-9.42E-01	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+02
NQN350	-2.34E-02	-4.20E-02	-4.45E-03	-6.82E-02	0.00E+00	0.00E+00	-5.96E+00	-3.37E-03	-1.04E-03	-1.81E-02	0.00E+00	0.00E+00	-5.48E-09	-3.78E-07	-9.86E-03	-2.13E+00	0.00E+00	0.00E+00	-4.67E+00	0.00E+00	-8.43E-01	0.00E+00	-1.76E-09	-3.85E-08	-4.32E-03	0.00E+00	-6.15E-01	0.00E+00	-8.43E-01	-9.75E-05	-8.43E-01	-1.33E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
NQN363	-2.53E-02	-4.86E-02	-5.01E-03	-1.14E-01	0.00E+00	0.00E+00	-7.25E+00	-3.37E-03	-1.31E-03	-2.04E-02	0.00E+00	0.00E+00	-5.71E-09	-4.02E-07	-6.36E-03	-2.24E+00	0.00E+00	0.00E+00	-5.69E+00	0.00E+00	-2.22E+00	0.00E+00	-2.21E-09	-4.61E-08	-4.90E-03	0.00E+00	-6.73E-01	0.00E+00	-2.22E+00	-1.02E-04	-2.22E+00	-2.71E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
NQN406	-1.54E-02	-2.00E-01	-4.58E-03	-4.90E-02	0.00E+00	0.00E+00	-3.10E+00	-1.46E-03	-2.27E-04	-8.55E-03	0.00E+00	0.00E+00	-3.63E-09	-1.62E-07	-7.12E-03	-2.24E+00	0.00E+00	0.00E+00	-3.71E+00	0.00E+00	-2.13E+00	0.00E+00	-2.59E-10	-4.15E-08	-2.85E-03	0.00E+00	-4.93E-01	0.00E+00	-2.13E+00	-5.03E-05	-2.13E+00	-2.44E+00	-4.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
NQN410	-1.87E-02	-2.72E-01	-4.69E-03	-1.02E-01	0.00E+00	0.00E+00	-4.91E+00	-1.67E-03	-2.55E-04	-1.21E-02	0.00E+00	0.00E+00	-4.28E-09	-1.87E-07	-7.63E-03	-3.58E+00	0.00E+00	0.00E+00	-5.29E+00	0.00E+00	-3.11E+00	0.00E+00	-7.83E-09	-5.43E-08	-3.71E-03	0.00E+00	-7.99E-01	0.00E+00	-3.11E+00	-5.85E-05	-3.11E+00	-3.43E+00	-7.99E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
NQN413	-2.69E-02	-2.51E-01	-4.79E-03	-1.15E-01	0.00E+00	0.00E+00	-6.07E+00	-2.45E-03	-3.24E-04	-1.36E-02	0.00E+00	0.00E+00	-4.40E-09	-2.30E-07	-7.98E-03	-3.51E+00	0.00E+00	0.00E+00	-6.28E+00	0.00E+00	-3.23E+00	0.00E+00	-9.09E-09	-6.21E-08	-4.38E-03	0.00E+00	-9.20E-01	0.00E+00	-3.23E+00	-6.30E-05	-3.23E+00	-3.68E+00	-9.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
NQN416	-2.22E-02	-2.16E-01	-6.51E-03	-6.35E-02	0.00E+00	0.00E+00	-3.63E+00	-1.81E-03	-4.23E-04	-1.04E-02	0.00E+00	0.00E+00	-4.14E-09	-2.44E-07	-8.19E-03	-2.39E+00	0.00E+00	0.00E+00	-3.93E+00	0.00E+00	-2.48E+00	0.00E+00	-4.12E-09	-6.55E-08	-4.61E-03	0.00E+00	-6.92E-01	0.00E+00	-2.48E+00	-6.70E-05	-2.48E+00	-2.71E+00	-6.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NQN420	-2.68E-02	-2.33E-01	-6.75E-03	-9.10E-02	0.00E+00	0.00E+00	-5.75E+00	-2.42E-03	-1.98E-04	-1.53E-02	0.00E+00	0.00E+00	-4.42E-09	-2.53E-07	-7.42E-03	-3.58E+00	0.00E+00	0.00E+00	-5.82E+00	0.00E+00	-2.94E+00	0.00E+00	-8.90E-09	-6.92E-08	-5.20E-03	0.00E+00	-9.82E-01	0.00E+00	-2.94E+00	-6.67E-05	-2.94E+00	-3.42E+00	-9.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
NQN425	-3.38E-02	-1.55E-01	-6.73E-03	-9.35E-02	0.00E+00	0.00E+00	-4.00E+00	-2.90E-03	5.07E-04	-1.12E-02	0.00E+00	0.00E+00	-5.36E-09	-2.40E-07	-3.30E-03	-3.00E+00	0.00E+00	0.00E+00	-4.69E+00	0.00E+00	-2.34E+00	0.00E+00	-8.16E-09	-6.86E-08	-5.02E-03	0.00E+00	-1.10E+00	0.00E+00	-2.34E+00	-4.90E-05	-2.34E+00	-3.02E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
NQN432	-3.69E-02	-1.03E-01	-6.81E-03	-1.00E-01	0.00E+00	0.00E+00	-8.29E+00	-3.49E-03	-4.87E-04	-1.90E-02	0.00E+00	0.00E+00	-6.24E-09	-2.99E-07	-1.53E-03	-2.44E+00	0.00E+00	0.00E+00	-7.30E+00	0.00E+00	-2.53E+00	0.00E+00	-9.39E-09	-6.57E-08	-5.24E-03	0.00E+00	-9.96E-01	0.00E+00	-2.53E+00	-9.65E-05	-2.53E+00	-2.92E+00	-9.96E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+02
NQN440	-3.57E-02	-1.32E-01	-6.49E-03	-1.11E-01	0.00E+00	0.00E+00	-7.06E+00	-3.60E-03	1.14E-03	-1.91E-02	0.00E+00	0.00E+00	-5.83E-09	-3.18E-07	-2.03E-03	-3.99E+00	0.00E+00	0.00E+00	-6.45E+00	0.00E+00	-2.36E+00	0.00E+00	-9.07E-09	-6.51E-08	-4.99E-03	0.00E+00	-1.08E+00	0.00E+00	-2.36E+00	-8.19E-05	-2.36E+00	-3.03E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
NQN450	-3.82E-02	-1.37E-01	-6.73E-03	-1.29E-01	0.00E+00	0.00E+00	-9.08E+00	-3.84E-03	-7.88E-04	-2.25E-02	0.00E+00	0.00E+00	-6.40E-09	-4.14E-07	-3.82E-03	-2.72E+00	0.00E+00	0.00E+00	-8.02E+00	0.00E+00	-3.28E+00	0.00E+00	-9.10E-09	-7.34E-08	-5.58E-03	0.00E+00	-1.06E+00	0.00E+00	-3.28E+00	-9.88E-05	-3.28E+00	-3.86E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.38E+02
NQN463	-3.28E-02	-1.64E-01	-6.58E-03	-1.35E-01	0.00E+00	0.00E+00	-8.78E+00	-3.92E-03	8.47E-04	-2.29E-02	0.00E+00	0.00E+00	-7.18E-09	-3.98E-07	-2.55E-03	-3.28E+00	0.00E+00	0.00E+00	-7.77E+00	0.00E+00	-2.82E+00	0.00E+00	-8.83E-09	-7.28E-08	-5.33E-03	0.00E+00	-1.04E+00	0.00E+00	-2.82E+00	-7.06E-05	-2.82E+00	-3.73E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+02
NRN100	-5.84E-03	-5.52E-02	-2.91E-04	-3.54E-02	0.00E+00	0.00E+00	-1.15E+00	-4.42E-04	-5.93E-06	-2.95E-03	0.00E+00	0.00E+00	-1.03E-09	-5.63E-08	-1.73E-03	-9.82E-01	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-3.73E-01	0.00E+00	3.33E-11	-1.21E-08	-7.04E-04	0.00E+00	-1.35E-01	0.00E+00	-3.73E-01	-1.60E-05	-3.73E-01	-6.82E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-5.94E+01
NRN101	-4.56E-03	-4.78E-02	1.47E-04	-1.56E-02	0.00E+00	0.00E+00	-1.01E+00	-4.00E-04	5.43E-05	-1.93E-03	0.00E+00	0.00E+00	-9.31E-10	-5.46E-08	-1.46E-03	-8.01E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-3.14E-01	0.00E+00	3.20E-10	-1.03E-08	-5.91E-04	0.00E+00	-1.13E-01	0.00E+00	-3.14E-01	-1.33E-05	-3.14E-01	-6.77E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
NRN102	-5.13E-03	-4.67E-02	6.89E-05	-1.16E-02	0.00E+00	0.00E+00	-1.10E+00	-4.26E-04	4.28E-05	-2.30E-03	0.00E+00	0.00E+00	-8.90E-10	-5.85E-08	-1.02E-03	-8.45E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-2.92E-01	0.00E+00	6.63E-10	-1.04E-08	-5.82E-04	0.00E+00	-1.07E-01	0.00E+00	-2.92E-01	-1.49E-05	-2.92E-01	-6.63E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
NRN103	-4.37E-03	-5.22E-02	8.01E-05	-2.45E-02	0.00E+00	0.00E+00	-9.79E-01	-3.51E-04	6.66E-05	-1.89E-03	0.00E+00	0.00E+00	-8.81E-10	-4.50E-08	-1.18E-03	-8.07E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-3.13E-01	0.00E+00	3.60E-10	-1.02E-08	-5.76E-04	0.00E+00	-1.13E-01	0.00E+00	-3.13E-01	-1.29E-05	-3.13E-01	-7.01E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
NRN104	-5.33E-03	-4.65E-02	-8.76E-07	-1.32E-02	0.00E+00	0.00E+00	-1.17E+00	-4.68E-04	3.84E-05	-2.70E-03	0.00E+00	0.00E+00	-9.47E-10	-6.52E-08	-1.16E-03	-9.53E-01	0.00E+00	0.00E+00	-1.26E+00	0.00E+00	-2.75E-01	0.00E+00	6.34E-10	-1.11E-08	-6.00E-04	0.00E+00	-1.24E-01	0.00E+00	-2.75E-01	-1.54E-05	-2.75E-01	-6.56E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
NRN106	-3.16E-03	-8.47E-03	4.00E-04	-4.71E-03	0.00E+00	0.00E+00	-5.62E-01	-2.97E-04	4.65E-05	-1.40E-03	0.00E+00	0.00E+00	-8.29E-10	-3.92E-08	-6.49E-04	-6.97E-01	0.00E+00	0.00E+00	-7.30E-01	0.00E+00	-1.98E-01	0.00E+00	7.72E-10	-8.50E-09	-5.16E-04	0.00E+00	-9.38E-02	0.00E+00	-1.98E-01	-1.05E-05	-1.98E-01	-3.14E-01	-9.38E-02	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
NRN110	-3.39E-03	3.56E-03	4.85E-04	2.11E-02	0.00E+00	0.00E+00	-5.77E-01	-3.02E-04	8.92E-05	-1.38E-03	0.00E+00	0.00E+00	-7.99E-10	-4.10E-08	-1.93E-04	-6.25E-01	0.00E+00	0.00E+00	-7.30E-01	0.00E+00	-1.48E-01	0.00E+00	1.26E-09	-7.91E-09	-5.09E-04	0.00E+00	-8.29E-02	0.00E+00	-1.48E-01	-1.09E-05	-1.48E-01	-2.92E-01	-8.29E-02	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
NRN116	-1.92E-03	-8.75E-03	1.91E-03	-4.22E-02	0.00E+00	0.00E+00	-2.94E-02	-2.85E-04	1.70E-04	-4.61E-04	0.00E+00	0.00E+00	-6.84E-10	-2.95E-08	-2.54E-04	-1.25E+00	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	7.47E-02	0.00E+00	1.73E-09	-5.04E-09	-3.68E-04	0.00E+00	-1.46E-01	0.00E+00	7.47E-02	-7.16E-06	7.47E-02	2.93E-02	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
NRN120	-7.43E-03	3.83E-03	3.52E-04	1.91E-02	0.00E+00	0.00E+00	-1.30E+00	-7.08E-04	-5.71E-06	-3.38E-03	0.00E+00	0.00E+00	-1.02E-09	-1.06E-07	-4.28E-04	-8.31E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-1.02E-01	0.00E+00	1.82E-09	-1.17E-08	-8.86E-04	0.00E+00	-1.08E-01	0.00E+00	-1.02E-01	-2.38E-05	-1.02E-01	-2.88E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
NRN125	-8.40E-03	5.09E-03	6.43E-05	1.55E-02	0.00E+00	0.00E+00	-1.32E+00	-7.32E-04	-7.23E-06	-4.33E-03	0.00E+00	0.00E+00	-1.10E-09	-1.12E-07	-2.66E-04	-9.06E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-1.14E-01	0.00E+00	1.79E-09	-1.31E-08	-1.00E-03	0.00E+00	-1.18E-01	0.00E+00	-1.14E-01	-2.59E-05	-1.14E-01	-2.62E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
NRN132	-8.23E-03	4.84E-03	5.36E-04	2.34E-02	0.00E+00	0.00E+00	-1.35E+00	-7.41E-04	-6.27E-05	-3.92E-03	0.00E+00	0.00E+00	-9.78E-10	-9.83E-08	-1.38E-04	-8.41E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-1.36E-02	0.00E+00	2.41E-09	-1.22E-08	-1.02E-03	0.00E+00	-9.53E-02	0.00E+00	-1.36E-02	-2.69E-05	-1.36E-02	-1.08E-01	-9.53E-02	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
NRN140	-9.38E-03	6.70E-03	2.30E-05	2.69E-02	0.00E+00	0.00E+00	-1.47E+00	-8.18E-04	-5.48E-06	-4.83E-03	0.00E+00	0.00E+00	-1.09E-09	-1.38E-07	1.88E-04	-8.70E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.18E-01	0.00E+00	1.94E-09	-1.51E-08	-1.20E-03	0.00E+00	-1.04E-01	0.00E+00	-1.18E-01	-3.08E-05	-1.18E-01	-3.30E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01
NRN150	-9.45E-03	1.66E-03	-1.02E-05	2.29E-02	0.00E+00	0.00E+00	-1.42E+00	-6.55E-04	2.77E-05	-4.96E-03	0.00E+00	0.00E+00	-1.20E-09	-9.75E-08	-1.47E-03	-7.73E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-1.26E-01	0.00E+00	2.38E-09	-1.50E-08	-9.63E-04	0.00E+00	-9.72E-02	0.00E+00	-1.26E-01	-2.92E-05	-1.26E-01	-2.40E-01	-9.72E-02	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
NRN163	-8.88E-03	-1.43E-02	8.90E-05	6.64E-03	0.00E+00	0.00E+00	-1.13E+00	-5.10E-04	2.24E-04	-4.78E-03	0.00E+00	0.00E+00	-1.18E-09	-4.62E-08	-1.24E-03	-5.76E-01	0.00E+00	0.00E+00	-9.33E-01	0.00E+00	-2.17E-01	0.00E+00	1.96E-09	-1.65E-08	-7.60E-04	0.00E+00	-7.61E-02	0.00E+00	-2.17E-01	-2.79E-05	-2.17E-01	-3.68E-01	-7.61E-02	0.00E+00	0.00E+00	0.00E+00	-4.20E+01

NRN200	-7.66E-03	-5.75E-02	-2.51E-04	-2.48E-02	0.00E+00	0.00E+00	-2.29E+00	-6.30E-04	-2.89E-05	-4.47E-03	0.00E+00	0.00E+00	-2.66E-09	-1.26E-07	-1.11E-02	-2.22E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-6.25E-01	0.00E+00	7.50E-10	-2.09E-08	-1.33E-03	0.00E+00	-4.31E-01	0.00E+00	-6.25E-01	-4.17E-05	-6.25E-01	-9.21E-01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NRN201	-6.53E-03	-5.50E-02	2.10E-04	-2.41E-02	0.00E+00	0.00E+00	-2.16E+00	-5.16E-04	-9.99E-05	-3.36E-03	0.00E+00	0.00E+00	-2.18E-09	-1.35E-07	-5.78E-03	-1.14E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	-5.18E-01	0.00E+00	1.03E-09	-1.49E-08	-8.58E-04	0.00E+00	-2.03E-01	0.00E+00	-5.18E-01	-3.87E-05	-5.18E-01	-7.81E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-8.74E+01
NRN202	-6.97E-03	-6.11E-02	3.84E-04	-4.57E-02	0.00E+00	0.00E+00	-2.32E+00	-6.10E-04	-1.52E-04	-3.56E-03	0.00E+00	0.00E+00	-2.36E-09	-1.48E-07	-7.05E-03	-2.15E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-5.36E-01	0.00E+00	1.18E-09	-1.61E-08	-1.02E-03	0.00E+00	-3.49E-01	0.00E+00	-5.36E-01	-4.28E-05	-5.36E-01	-9.62E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-9.92E+01
NRN203	-8.05E-03	-6.37E-02	-3.50E-04	-3.14E-02	0.00E+00	0.00E+00	-2.46E+00	-7.29E-04	-4.02E-05	-4.90E-03	0.00E+00	0.00E+00	-2.84E-09	-1.40E-07	-1.14E-02	-2.26E+00	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-7.60E-01	0.00E+00	4.27E-10	-2.34E-08	-1.59E-03	0.00E+00	-4.45E-01	0.00E+00	-7.60E-01	-4.78E-05	-7.60E-01	-1.16E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NRN204	-7.91E-03	-6.57E-02	2.08E-04	-3.57E-02	0.00E+00	0.00E+00	-2.45E+00	-6.86E-04	-1.12E-04	-4.37E-03	0.00E+00	0.00E+00	-2.44E-09	-1.52E-07	-5.15E-03	-1.25E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-7.06E-01	0.00E+00	2.61E-10	-2.04E-08	-1.10E-03	0.00E+00	-2.02E-01	0.00E+00	-7.06E-01	-4.69E-05	-7.06E-01	-1.07E+00	-2.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NRN206	-5.70E-03	-2.71E-02	7.01E-04	-2.03E-02	0.00E+00	0.00E+00	-1.58E+00	-4.44E-04	-1.01E-04	-3.11E-03	0.00E+00	0.00E+00	-2.28E-09	-1.31E-07	-6.65E-03	-1.90E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-3.29E-01	0.00E+00	1.40E-09	-1.43E-08	-7.94E-04	0.00E+00	-3.36E-01	0.00E+00	-3.29E-01	-3.84E-05	-3.29E-01	-5.41E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-7.39E+01
NRN210	-6.19E-03	-2.00E-02	5.97E-04	-9.34E-03	0.00E+00	0.00E+00	-1.63E+00	-5.38E-04	-1.11E-04	-3.46E-03	0.00E+00	0.00E+00	-2.32E-09	-1.49E-07	-6.24E-03	-1.93E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-4.27E-01	0.00E+00	1.46E-09	-1.62E-08	-9.36E-04	0.00E+00	-3.28E-01	0.00E+00	-4.27E-01	-4.13E-05	-4.27E-01	-6.02E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
NRN216	-6.00E-03	-3.07E-02	8.98E-04	-1.46E-02	0.00E+00	0.00E+00	-1.96E+00	-5.55E-04	-1.82E-04	-3.79E-03	0.00E+00	0.00E+00	-2.45E-09	-1.48E-07	-5.17E-03	-1.18E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-5.38E-01	0.00E+00	8.43E-10	-1.85E-08	-1.02E-03	0.00E+00	-1.98E-01	0.00E+00	-5.38E-01	-4.42E-05	-5.38E-01	-6.99E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
NRN220	-7.05E-03	-2.52E-02	9.54E-04	-1.58E-02	0.00E+00	0.00E+00	-2.51E+00	-5.73E-04	-2.32E-04	-4.08E-03	0.00E+00	0.00E+00	-2.49E-09	-1.85E-07	-5.36E-03	-1.35E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-5.20E-01	0.00E+00	1.36E-09	-1.85E-08	-1.03E-03	0.00E+00	-2.35E-01	0.00E+00	-5.20E-01	-5.12E-05	-5.20E-01	-6.82E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NRN225	-6.40E-03	-1.05E-02	1.25E-03	-1.02E-02	0.00E+00	0.00E+00	-2.30E+00	-4.18E-04	5.55E-05	-3.37E-03	0.00E+00	0.00E+00	-2.40E-09	-1.77E-07	-5.09E-03	-1.19E+00	0.00E+00	0.00E+00	-2.11E+00	0.00E+00	-5.19E-01	0.00E+00	1.40E-09	-1.70E-08	-7.98E-04	0.00E+00	-2.66E-01	0.00E+00	-5.19E-01	-5.55E-05	-5.19E-01	-6.74E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
NRN232	-5.47E-03	-9.24E-03	1.45E-03	-1.17E-02	0.00E+00	0.00E+00	-3.03E+00	-4.34E-04	6.49E-05	-3.01E-03	0.00E+00	0.00E+00	-2.50E-09	-1.85E-07	-4.74E-03	-1.50E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-5.35E-01	0.00E+00	1.74E-09	-1.77E-08	-9.21E-04	0.00E+00	-3.52E-01	0.00E+00	-5.35E-01	-5.83E-05	-5.35E-01	-8.54E-01	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NRN240	-9.65E-03	-2.68E-02	-3.04E-05	-1.78E-02	0.00E+00	0.00E+00	-3.11E+00	-6.13E-04	-2.44E-04	-4.08E-03	0.00E+00	0.00E+00	-2.66E-09	-2.17E-07	-4.77E-03	-1.54E+00	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-7.03E-01	0.00E+00	6.49E-10	-2.19E-08	-1.16E-03	0.00E+00	-3.70E-01	0.00E+00	-7.03E-01	-6.16E-05	-7.03E-01	-1.18E+00	-3.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NRN250	-1.30E-02	1.09E-02	-7.00E-04	8.68E-03	0.00E+00	0.00E+00	-3.51E+00	-1.13E-03	-1.87E-04	-6.05E-03	0.00E+00	0.00E+00	-2.81E-09	-2.26E-07	-5.33E-03	-1.64E+00	0.00E+00	0.00E+00	-3.06E+00	0.00E+00	-6.56E-01	0.00E+00	7.96E-10	-2.71E-08	-1.93E-03	0.00E+00	-3.73E-01	0.00E+00	-6.56E-01	-6.62E-05	-6.56E-01	-9.66E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NRN263	-1.67E-02	1.48E-02	-9.66E-04	-2.32E-02	0.00E+00	0.00E+00	-3.90E+00	-1.87E-03	1.74E-05	-8.08E-03	0.00E+00	0.00E+00	-3.62E-09	-2.61E-07	-4.87E-03	-1.55E+00	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-6.51E-01	0.00E+00	1.34E-09	-3.03E-08	-2.79E-03	0.00E+00	-4.82E-01	0.00E+00	-6.51E-01	-7.10E-05	-6.51E-01	-7.63E-01	-4.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NRN300	-1.06E-02	-7.00E-02	-2.02E-03	-6.44E-02	0.00E+00	0.00E+00	-2.71E+00	-1.21E-03	-2.16E-04	-5.80E-03	0.00E+00	0.00E+00	-3.29E-09	-1.32E-07	-1.95E-02	-1.77E+00	0.00E+00	0.00E+00	-2.90E+00	0.00E+00	-1.35E+00	0.00E+00	1.49E-09	-2.91E-08	-2.18E-03	0.00E+00	-4.03E-01	0.00E+00	-1.35E+00	-4.75E-05	-1.35E+00	-1.63E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NRN301	-1.10E-02	-5.61E-02	-2.49E-03	-7.03E-02	0.00E+00	0.00E+00	-2.96E+00	-1.39E-03	-3.57E-04	-6.88E-03	0.00E+00	0.00E+00	-3.49E-09	-1.40E-07	-2.08E-02	-2.26E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.27E+00	0.00E+00	-5.63E-10	-2.89E-08	-2.39E-03	0.00E+00	-4.64E-01	0.00E+00	-1.27E+00	-4.75E-05	-1.27E+00	-1.66E+00	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
NRN302	-1.16E-02	-7.64E-02	-1.89E-03	-8.34E-02	0.00E+00	0.00E+00	-2.88E+00	-1.21E-03	-2.07E-04	-6.26E-03	0.00E+00	0.00E+00	-3.38E-09	-1.36E-07	-1.94E-02	-1.77E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.58E+00	0.00E+00	1.03E-09	-3.03E-08	-2.27E-03	0.00E+00	-4.40E-01	0.00E+00	-1.58E+00	-4.92E-05	-1.58E+00	-1.93E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NRN303	-1.17E-02	-9.07E-02	-2.34E-03	-1.02E-01	0.00E+00	0.00E+00	-3.03E+00	-1.35E-03	-3.62E-04	-6.93E-03	0.00E+00	0.00E+00	-3.75E-09	-1.50E-07	-1.98E-02	-2.15E+00	0.00E+00	0.00E+00	-3.33E+00	0.00E+00	-1.74E+00	0.00E+00	6.40E-10	-3.15E-08	-2.60E-03	0.00E+00	-4.83E-01	0.00E+00	-1.74E+00	-5.41E-05	-1.74E+00	-2.08E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NRN304	-1.08E-02	-8.18E-02	-1.73E-03	-8.22E-02	0.00E+00	0.00E+00	-2.63E+00	-1.19E-03	-4.56E-05	-5.71E-03	0.00E+00	0.00E+00	-3.56E-09	-1.09E-07	-1.94E-02	-1.78E+00	0.00E+00	0.00E+00	-3.25E+00	0.00E+00	-1.63E+00	0.00E+00	3.08E-10	-3.17E-08	-2.27E-03	0.00E+00	-4.48E-01	0.00E+00	-1.63E+00	-5.20E-05	-1.63E+00	-1.97E+00	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NRN306	-8.55E-03	-8.75E-02	-1.94E-03	-7.44E-02	0.00E+00	0.00E+00	-2.01E+00	-7.63E-04	-5.96E-05	-4.51E-03	0.00E+00	0.00E+00	-2.98E-09	-1.29E-07	-1.93E-02	-1.70E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-1.15E+00	0.00E+00	1.45E-09	-2.65E-08	-1.56E-03	0.00E+00	-3.72E-01	0.00E+00	-1.15E+00	-4.24E-05	-1.15E+00	-1.30E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-9.52E+01
NRN310	-9.47E-03	-9.89E-02	-1.85E-03	-1.01E-01	0.00E+00	0.00E+00	-2.18E+00	-7.57E-04	-5.57E-05	-4.65E-03	0.00E+00	0.00E+00	-3.12E-09	-1.36E-07	-1.85E-02	-1.73E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	-1.43E+00	0.00E+00	7.68E-10	-2.90E-08	-1.66E-03	0.00E+00	-4.14E-01	0.00E+00	-1.43E+00	-4.71E-05	-1.43E+00	-1.66E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NRN316	-1.21E-02	-1.37E-01	-1.41E-03	-1.04E-01	0.00E+00	0.00E+00	-2.71E+00	-1.19E-03	3.45E-05	-6.84E-03	0.00E+00	0.00E+00	-3.43E-09	-1.07E-07	-1.88E-02	-1.84E+00	0.00E+00	0.00E+00	-3.50E+00	0.00E+00	-1.78E+00	0.00E+00	6.75E-10	-3.18E-08	-2.14E-03	0.00E+00	-4.37E-01	0.00E+00	-1.78E+00	-5.23E-05	-1.78E+00	-2.04E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NRN320	-1.15E-02	-1.45E-01	-2.11E-03	-1.07E-01	0.00E+00	0.00E+00	-3.80E+00	-1.48E-03	-3.80E-04	-9.70E-03	0.00E+00	0.00E+00	-3.57E-09	-1.75E-07	-2.04E-02	-1.80E+00	0.00E+00	0.00E+00	-3.69E+00	0.00E+00	-1.60E+00	0.00E+00	1.75E-09	-3.09E-08	-2.55E-03	0.00E+00	-4.32E-01	0.00E+00	-1.60E+00	-5.75E-05	-1.60E+00	-1.91E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
NRN325	-1.19E-02	-1.96E-01	1.87E-03	-1.93E-01	0.00E+00	0.00E+00	-1.84E+00	-9.39E-04	6.16E-05	-7.44E-03	0.00E+00	0.00E+00	-3.24E-09	-1.23E-07	-1.80E-02	-2.08E+00	0.00E+00	0.00E+00	-3.00E+00	0.00E+00	-5.53E-01	0.00E+00	6.81E-09	-3.91E-08	-3.40E-03	0.00E+00	-5.30E-01	0.00E+00	-5.53E-01	-3.70E-05	-5.53E-01	-8.20E-01	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NRN332	-1.31E-02	-1.33E-02	-4.16E-03	3.16E-02	0.00E+00	0.00E+00	-2.71E+00	-1.59E-03	-8.10E-04	-7.84E-03	0.00E+00	0.00E+00	-4.52E-09	-2.94E-07	-8.89E-03	-1.76E+00	0.00E+00	0.00E+00	-2.59E+00	0.00E+00	-1.55E-01	0.00E+00	3.42E-09	-2.75E-08	-4.18E-03	0.00E+00	-3.61E-01	0.00E+00	-1.55E-01	-8.13E-05	-1.55E-01	-5.97E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NRN340	-1.32E-02	-3.87E-02	-4.29E-03	-2.17E-02	0.00E+00	0.00E+00	-2.75E+00	-1.70E-03	-8.92E-04	-1.04E-02	0.00E+00	0.00E+00	-3.72E-09	-2.57E-07	-1.14E-03	-1.97E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-7.34E-01	0.00E+00	2.62E-09	-3.41E-08	-3.84E-03	0.00E+00	-3.96E-01	0.00E+00	-7.34E-01	-6.78E-05	-7.34E-01	-9.35E-01	-3.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NRN350	-1.95E-02	-5.02E-03	-4.90E-03	-6.02E-02	0.00E+00	0.00E+00	-5.27E+00	-2.96E-03	-1.25E-03	-1.78E-02	0.00E+00	0.00E+00	-5.58E-09	-3.66E-07	3.39E-04	-2.11E+00	0.00E+00	0.00E+00	-4.31E+00	0.00E+00	-6.02E-01	0.00E+00	3.00E-09	-3.51E-08	-4.37E-03	0.00E+00	-5.85E-01	0.00E+00	-6.02E-01	-1.02E-04	-6.02E-01	-8.21E-01	-5.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
NRN363	-1.74E-02	-1.94E-01	2.62E-03	-1.91E-01	0.00E+00	0.00E+00	-5.17E+00	-1.53E-03	-5.82E-04	-1.51E-02	0.00E+00	0.00E+00	-4.30E-09	-2.62E-07	-1.42E-02	-3.00E+00	0.00E+00	0.00E+00	-4.57E+00	0.00E+00	-1.98E+00	0.00E+00	9.59E-09	-4.23E-08	-3.85E-03	0.00E+00	-7.47E-01	0.00E+00	-1.98E+00	-6.36E-05	-1.98E+00	-2.47E+00	-7.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
NRN400	-1.61E-02	-1.48E-01	-5.16E-03	-4.97E-02	0.00E+00	0.00E+00	-4.23E+00	-1.53E-03	-2.14E-04	-7.97E-03	0.00E+00	0.00E+00	-3.86E-09	-1.52E-07	-6.22E-03	-2.01E+00	0.00E+00	0.00E+00	-3.95E+00	0.00E+00	-2.16E+00	0.00E+00	-6.22E-09	-4.84E-08	-3.01E-03	0.00E+00	-6.22E-01	0.00E+00	-2.16E+00	-5.06E-05	-2.16E+00	-2.61E+00	-6.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
NRN401	-1.60E-02	-1.60E-01	-5.20E-03	-3.69E-02	0.00E+00	0.00E+00	-4.57E+00	-1.52E-03	-3.31E-04	-8.55E-03	0.00E+00	0.00E+00	-3.77E-09	-1.70E-07	-7.31E-03	-2.20E+00	0.00E+00	0.00E+00	-4.60E+00	0.00E+00	-2.23E+00	0.00E+00	-5.95E-09	-4.67E-08	-3.11E-03	0.00E+00	-6.21E-01	0.00E+00	-2.23E+00	-5.05E-05	-2.23E+00	-2.79E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
NRN402	-2.15E-02	-1.85E-01	-4.96E-03	-7.77E-02	0.00E+00	0.00E+00	-5.07E+00	-1.93E-03	-2.30E-04	-1.01E-02	0.00E+00	0.00E+00	-4.38E-09	-2.18E-07	-7.18E-03	-3.11E+00	0.00E+00	0.00E+00	-5.22E+00	0.00E+00	-2.81E+00	0.00E+00	-8.21E-09	-5.50E-08	-3.77E-03	0.00E+00	-7.87E-01	0.00E+00	-2.81E+00	-6.09E-05	-2.81E+00	-3.45E+00	-7.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NRN403	-2.19E-02	-1.60E-01	-5.00E-03	-7.88E-02	0.00E+00	0.00E+00	-4.83E+00	-2.00E-03	-2.10E-04	-1.00E-02	0.00E+00	0.00E+00	-4.39E-09	-2.01E-07	-5.52E-03	-2.81E+00	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-2.60E+00	0.00E+00	-8.43E-09	-5.76E-08	-3.95E-03	0.00E+00	-7.95E-01	0.00E+00	-2.60E+00	-5.95E-05	-2.60E+00	-3.13E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
NRN404	-2.19E-02	-1.82E-01	-6.42E-03	-4.18E-02	0.00E+00	0.00E+00	-5.25E+00	-1.87E-03	-5.78E-04	-1.22E-02	0.00E+00	0.00E+00	-4.20E-09	-2.52E-07	-7.26E-03	-2.29E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-2.55E+00	0.00E+00	-6.76E-09	-6.64E-08	-4.73E-03	0.00E+00	-7.21E-01	0.00E+00	-2.55E+00	-6.88E-05	-2.55E+00	-3.10E+00	-7.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
NRN406	-1.52E-02	-1.81E-01	-5.14E-03	-6.79E-02	0.00E+00	0.00E+00	-2.63E+00	-1.46E-03	-1.55E-04	-7.59E-03	0.00E+00	0.00E+00	-3.89E-09	-1.38E-07	-6.44E-03	-2.80E+00	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	-2.05E+00	0.00E+00	-1.22E-09	-4.25E-08	-2.83E-03	0.00E+00	-6.38E-01	0.00E+00	-2.05E+00	-4.89E-05	-2.05E+00	-2.35E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NRN410	-1.22E-02	-2.86E-01	-9.84E-04	-2.50E-01	0.00E+00	0.00E+00	-2.05E+00	-9.29E-04	-3.12E-04	-8.70E-03	0.00E+00	0.00E+00	-3.58E-09	-1.40E-07	-1.58E-02	-2.76E+00	0.00E+00	0.00E+00	-3.46E+00	0.00E+00	-1.71E+00	0.00E+00	5.07E-09	-3.78E-08	-3.43E-03	0.00E+00	-6.38E-01	0.00E+00	-1.71E+00	-3.50E-05	-1.71E+00	-1.57E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
NRN416	-2.24E-02	-2.54E-01	-6.70E-03	-8.86E-02	0.00E+00	0.00E+00	-5.44E+00	-1.81E-03	-5.91E-04	-1.27E-02	0.00E+00	0.00E+00	-4.43E-09	-2.66E-07	-8.62E-03	-3.43E+00	0.00E+00	0.00E+00	-5.44E+00	0.00E+00	-2.90E+00	0.00E+00	-7.40E-09	-6.79E-08	-4.92E-03	0.00E+00	-8.49E-01	0.00E+00	-2.90E+00	-6.73E-05	-2.90E+00	-3.29E+00	-8.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
NRN420	-2.68E-02	-2.33E-01	-6.75E-03	-9.10E-02	0.00E+00	0.00E+00	-5.78E+00	-2.42E-03	-1.98E-04	-1.53E-02	0.00E+00	0.00E+00	-4.42E-09	-2.53E-07	-7.42E-03	-3.55E+00	0.00E+00	0.00E+00	-5.82E+00	0.00E+00	-2.94E+00	0.00E+00	-8.90E-09	-6.94E-08	-5.20E-03	0.00E+00	-9.82E-01	0.00E+00	-2.94E+00	-6.65E-05	-2.94E+00	-3.42E+00	-9.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
NRN425	-3.38E-02	-1.55E-01	-6.73E-03	-7.82E-02	0.00E+00	0.00E+00	-4.00E+00	-2.90E-03	5.07E-04	-1.12E-02	0.00E+00	0.00E+00	-5.35E-09	-2.40E-07	-3.30E-03	-2.40E+00	0.00E+00	0.00E+00	-4.66E+00	0.00E+00	-2.38E+00	0.00E+00	-8.16E-09	-6.84E-08	-5.02E-03	0.00E+00	-1.02E+00	0.00E+00	-2.38E+00	-4.91E-05	-2.38E+00	-3.02E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NRN432	-3.59E-02	-1.02E-01	-6.15E-03	-1.19E-01	0.00E+00	0.00E+00	-7.50E+00	-3.45E-03	7.59E-04	-1.88E-02	0.00E+00	0.00E+00	-6.01E-09	-2.94E-07	-1.64E-03	-3.32E+00	0.00E+00	0.00E+00	-6.70E+00	0.00E+00	-2.43E+00	0.00E+00	-9.15E-09	-6.47E-08	-4.92E-03	0.00E+00	-1.05E+00	0.00E+00	-2.43E+00	-8.64E-05	-2.43E+00	-2.97E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+02
NRN440	-3.59E-02	-1.34E-01	-6.49E-03	-1.15E-01	0.00E+00	0.00E+00	-7.16E+00	-3.57E-03	1.14E-03	-1.94E-02	0.00E+00	0.00E+00	-5.84E-09	-3.16E-07	-2.43E-03	-4.02E+00	0.00E+00	0.00E+00	-6.45E+00	0.00E+00	-2.40E+00	0.00E+00	-8.86E-09	-6.65E-08	-5.00E-03	0.00E+00	-1.09E+00	0.00E+00	-2.40E+00	-8.20E-05	-2.40E+00	-3.07E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E+02
NRN450	-3.64E-02	-1.47E-01	-6.17E-03	-1.33E-01	0.00E+00	0.00E+00	-8.22E+00	-3.84E-03	7.28E-04	-2.21E-02	0.00E+00	0.00E+00	-6.16E-09	-4.06E-07	-4.14E-03	-3.34E+00	0.00E+00	0.00E+00	-7.25E+00	0.00E+00	-3.07E+00	0.00E+00	-8.62E-09	-7.26E-08	-5.20E-03	0.00E+00	-1.07E+00	0.00E+00	-3.07E+00	-8.63E-05	-3.07E+00	-3.62E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
NRN463	-3.26E-02	-1.46E-01	-6.09E-03	-1.31E-01	0.00E+00	0.00E+00	-7.97E+00	-3.85E-03	8.47E-04	-2.19E-02	0.00E+00	0.00E+00	-6.11E-09	-4.24E-07	-1.83E-03	-3.24E+00	0.00E+00	0.00E+00	-7.06E+00	0.00E+00	-2.46E+00	0.00E+00	-8.62E-09	-7.26E-08	-5.27E-03	0.00E+00	-1.05E+00	0.00E+00	-2.46E+00	-7.10E-05	-2.46E+00	-3.29E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E+02
NSN100	-5.78E-03	-5.13E-02	1.30E-04	-1.94E-02	0.00E+00	0.00E+00	-1.14E+00	-4.58E-04	1.03E-05	-2.95E-03	0.00E+00	0.00E+00	-1.02E-09	-6.63E-08	-1.90E-03	-1.03E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.21E-01	0.00E+00	9.09E-10	-1.17E-08	-6.79E-04	0.00E+00	-1.24E-01	0.00E+00	-2.21E-01	-1.60E-05	-2.21E-01	-6.19E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
NSN101	-6.71E-03	-6.40E-02	-1.21E-05	-3.29E-02	0.00E+00	0.00E+00	-1.35E+00	-5.59E-04	4.96E-05	-3.68E-03	0.00E+00	0.00E+00	-1.35E-09	-7.31E-08	-4.03E-03	-1.44E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-2.05E-01	0.00E+00	7.98E-10	-1.43E-08	-1.10E-03	0.00E+00	-2.10E-01	0.00E+00	-2.05E-01	-1.87E-05	-2.05E-01	-5.28E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-6.71E+01
NSN102	-4.52E-03	-4.63E-02	1.22E-04	-1.30E-02	0.00E+00	0.00E+00	-9.98E-01	-3.75E-04	5.79E-05	-1.89E-03	0.00E+00	0.00E+00	-8.65E-10	-5.38E-08	-1.10E-03	-8.07E-01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	-2.98E-01	0.00E+00	6.63E-10	-9.79E-09	-5.48E-04	0.00E+00	-1.08E-01	0.00E+00	-2.98E-01	-1.31E-05	-2.98E-01	-6.77E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.13E+01
NSN104	-4.62E-03	-4.61E-02	1.69E-04	-1.35E-02	0.00E+00	0.00E+00	-1.05E+00	-4.01E-04	5.79E-05	-1.99E-03	0.00E+00	0.00E+00	-8.99E-10	-5.81E-08	-1.10E-03	-8.48E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-2.82E-01	0.00E+00	6.34E-10	-1.00E-08	-5.50E-04	0.00E+00	-1.15E-01	0.00E+00	-2.82E-01	-1.34E-05	-2.82E-01	-6.54E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
NSN106	-3.19E-03	2.44E-03	5.30E-04	2.04E-02	0.00E+00	0.00E+00	-5.37E-01	-2.76E-04	8.33E-05	-1.18E-03	0.00E+00	0.00E+00	-7.12E-10	-4.17E-08	-2.41E-04	-4.33E-01	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-1.71E-01	0.00E+00	1.19E-09	-6.64E-09	-3.64E-04	0.00E+00	-5.62E-02	0.00E+00	-1.71E-01	-6.42E-06	-1.71E-01	-2.80E-01	-5.62E-02	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
NSN110	-3.64E-03	1.31E-03	4.71E-04	1.87E-02	0.00E+00	0.00E+00	-5.85E-01	-3.73E-04	2.20E-05	-1.47E-03	0.00E+00	0.00E+00	-7.98E-10	-5.47E-08	-1.69E-04	-6.81E-01	0.00E+00	0.00E+00	-7.74E-01	0.00E+00	-1.51E-01	0.00E+00	1.34E-09	-8.61E-09	-5.00E-04	0.00E+00	-8.21E-02	0.00E+00	-1.51E-01	-1.08E-05	-1.51E-01	-3.06E-01	-8.21E-02	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
NSN113	-4.79E-03	-2.11E-03	3.67E-04	-5.03E-04	0.00E+00	0.00E+00	-7.91E-01	-4.77E-04	-9.13E-06	-2.77E-03	0.00E+00	0.00E+00	-1.06E-09	-6.06E-08	-1.07E-03	-1.43E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-9.51E-02	0.00E+00	1.62E-09	-1.05E-08	-6.34E-04	0.00E+00	-1.58E-01	0.00E+00	-9.51E-02	-1.30E-05	-9.51E-02	-3.76E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.54E+01
NSN116	-4.35E-03	2.23E-03	4.26E-04	1.74E-02	0.00E+00	0.00E+00	-7.41E-01	-4.65E-04	1.09E-05	-2.27E-03	0.00E+00	0.00E+00	-9.33E-10	-7.00E-08	-4.27E-04	-8.53E-01	0.00E+00	0.00E+00	-9.29E-01	0.00E+00	-1.24E-01	0.00E+00	1.33E-09	-9.55E-09	-5.50E-04	0.00E+00	-9.90E-02	0.00E+00	-1.24E-01	-1.27E-05	-1.24E-01	-2.79E-01	-9.90E-02	0.00E+00	0.00E+00	0.00E+00	-4.06E+01
NSN120	-7.50E-03	4.58E-03	3.89E-04	2.37E-02	0.00E+00	0.00E+00	-1.24E+00	-6.97E-04	5.35E-05	-3.41E-03	0.00E+00	0.00E+00	-9.78E-10	-1.10E-07	-2.06E-04	-8.18E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.06E-01	0.00E+00	1.75E-09	-1.22E-08	-8.63E-04	0.00E+00	-9.75E-02	0.00E+00	-1.06E-01	-2.45E-05	-1.06E-01	-3.12E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-4.84E+01
NSN125	-7.54E-03	4.81E-03	4.06E-04	2.73E-02	0.00E+00	0.00E+00	-1.28E+00	-6.96E-04	5.39E-05	-3.34E-03	0.00E+00	0.00E+00	-1.04E-09	-1.07E-07	1.76E-05	-7.97E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-8.68E-02	0.00E+00	1.92E-09	-1.23E-08	-9.26E-04	0.00E+00	-9.93E-02	0.00E+00	-8.68E-02	-2.36E-05	-8.68E-02	-3.04E-01	-9.93E-02	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
NSN132	-8.51E-03	4.29E-03	3.34E-04	2.38E-02	0.00E+00	0.00E+00	-1.39E+00	-7.64E-04	-6.27E-05	-4.15E-03	0.00E+00	0.00E+00	-1.02E-09	-1.07E-07	1.61E-04	-8.43E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-8.52E-02	0.00E+00	2.07E-09	-1.33E-08	-1.05E-03	0.00E+00	-9.97E-02	0.00E+00	-8.52E-02	-2.74E-05	-8.52E-02	-2.74E-01	-9.97E-02	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
NSN140	-9.29E-03	-2.61E-03	1.70E-04	7.64E-03	0.00E+00	0.00E+00	-1.39E+00	-7.92E-04	-3.34E-05	-4.81E-03	0.00E+00	0.00E+00	-1.11E-09	-1.23E-07	-3.47E-04	-8.59E-01	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-4.41E-02	0.00E+00	2.00E-09	-1.43E-08	-1.17E-03	0.00E+00	-9.96E-02	0.00E+00	-4.41E-02	-3.04E-05	-4.41E-02	-1.92E-01	-9.96E-02	0.00E+00	0.00E+00	0.00E+00	-5.39E+01
NSN150	-9.18E-03	1.46E-03	1.59E-05	2.61E-02	0.00E+00	0.00E+00	-1.42E+00	-6.73E-04	6.54E-05	-4.83E-03	0.00E+00	0.00E+00	-1.14E-09	-1.04E-07	-8.62E-04	-7.55E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-1.47E-01	0.00E+00	2.30E-09	-1.53E-08	-9.42E-04	0.00E+00	-8.67E-02	0.00E+00	-1.47E-01	-2.91E-05	-1.47E-01	-2.52E-01	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
NSN163	-8.84E-03	-1.43E-02	8.90E-05	5.49E-03	0.00E+00	0.00E+00	-1.13E+00	-5.10E-04	2.10E-04	-4.78E-03	0.00E+00	0.00E+00	-1.19E-09	-4.62E-08	-1.43E-03	-5.83E-01	0.00E+00	0.00E+00	-9.56E-01	0.00E+00	-2.17E-01	0.00E+00	1.92E-09	-1.65E-08	-7.58E-04	0.00E+00	-7.66E-02	0.00E+00	-2.17E-01	-2.79E-05	-2.17E-01	-3.68E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
NSN200	-6.20E-03	-5.79E-02	4.39E-04	-4.25E-02	0.00E+00	0.00E+00	-2.33E+00	-5.16E-04	-1.31E-04	-3.21E-03	0.00E+00	0.00E+00	-2.37E-09	-1.35E-07	-6.45E-03	-2.19E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-4.46E-01	0.00E+00	9.87E-10	-1.54E-08	-1.00E-03	0.00E+00	-3.86E-01	0.00E+00	-4.46E-01	-4.01E-05	-4.46E-01	-9.21E-01	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
NSN201	-6.25E-03	-6.81E-02	3.45E-04	-4.35E-02	0.00E+00	0.00E+00	-1.95E+00	-4.39E-04	-7.71E-05	-3.00E-03	0.00E+00	0.00E+00	-2.35E-09	-1.25E-07	-6.83E-03	-2.13E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-4.68E-01	0.00E+00	8.46E-10	-1.53E-08	-9.42E-04	0.00E+00	-3.82E-01	0.00E+00	-4.68E-01	-3.97E-05	-4.68E-01	-8.75E-01	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	-9.14E+01
NSN202	-7.51E-03	-5.58E-02	1.97E-04	-2.45E-02	0.00E+00	0.00E+00	-2.28E+00	-6.30E-04	-9.18E-05	-3.66E-03	0.00E+00	0.00E+00	-2.19E-09	-1.50E-07	-5.90E-03	-1.20E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	-5.37E-01	0.00E+00	1.04E-09	-1.62E-08	-9.84E-04	0.00E+00	-2.07E-01	0.00E+00	-5.37E-01	-4.31E-05	-5.37E-01	-8.23E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.33E+01
NSN203	-7.22E-03	-6.41E-02	1.34E-04	-3.05E-02	0.00E+00	0.00E+00	-2.08E+00	-6.26E-04	-7.56E-05	-3.95E-03	0.00E+00	0.00E+00	-2.35E-09	-1.47E-07	-6.28E-03	-1.21E+00	0.00E+00	0.00E+00	-2.25E+00	0.00E+00	-5.68E-01	0.00E+00	6.99E-10	-1.74E-08	-1.05E-03	0.00E+00	-2.08E-01	0.00E+00	-5.68E-01	-4.57E-05	-5.68E-01	-8.81E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
NSN204	-8.13E-03	2.07E-03	-3.98E-04	1.45E-03	0.00E+00	0.00E+00	-2.88E+00	-7.60E-04	-9.76E-05	-5.38E-03	0.00E+00	0.00E+00	-2.94E-09	-1.40E-07	-9.36E-03	-2.26E+00	0.00E+00	0.00E+00	-3.19E+00	0.00E+00	-1.16E+00	0.00E+00	5.99E-10	-2.56E-08	-1.61E-03	0.00E+00	-4.48E-01	0.00E+00	-1.16E+00	-4.82E-05	-1.16E+00	-1.51E+00	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NSN206	-5.70E-03	-1.73E-02	5.60E-04	2.19E-03	0.00E+00	0.00E+00	-1.85E+00	-4.98E-04	-1.55E-04	-3.23E-03	0.00E+00	0.00E+00	-2.19E-09	-1.44E-07	-5.75E-03	-1.10E+00	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-4.06E-01	0.00E+00	1.48E-09	-1.44E-08	-7.61E-04	0.00E+00	-2.04E-01	0.00E+00	-4.06E-01	-3.78E-05	-4.06E-01	-3.99E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-7.55E+01
NSN210	-5.62E-03	-1.88E-02	9.97E-04	-7.59E-05	0.00E+00	0.00E+00	-1.74E+00	-5.12E-04	-1.59E-04	-2.97E-03	0.00E+00	0.00E+00	-2.17E-09	-1.42E-07	-5.68E-03	-1.08E+00	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-4.09E-01	0.00E+00	1.91E-09	-1.44E-08	-7.86E-04	0.00E+00	-2.05E-01	0.00E+00	-4.09E-01	-3.91E-05	-4.09E-01	-3.37E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.75E+01
NSN213	-5.90E-03	-2.62E-02	9.47E-04	-4.13E-03	0.00E+00	0.00E+00	-1.91E+00	-5.27E-04	-1.08E-04	-3.86E-03	0.00E+00	0.00E+00	-2.29E-09	-1.50E-07	-5.91E-03	-1.08E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-4.61E-01	0.00E+00	1.35E-09	-1.72E-08	-9.81E-04	0.00E+00	-1.91E-01	0.00E+00	-4.61E-01	-4.30E-05	-4.61E-01	-5.85E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-8.96E+01
NSN216	-6.00E-03	-3.07E-02	8.98E-04	-1.46E-02	0.00E+00	0.00E+00	-1.96E+00	-5.55E-04	-1.82E-04	-3.79E-03	0.00E+00	0.00E+00	-2.45E-09	-1.48E-07	-5.17E-03	-1.18E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-5.38E-01	0.00E+00	8.43E-10	-1.85E-08	-1.02E-03	0.00E+00	-1.98E-01	0.00E+00	-5.38E-01	-4.42E-05	-5.38E-01	-6.99E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
NSN220	-7.05E-03	-2.52E-02	9.54E-04	-1.52E-02	0.00E+00	0.00E+00	-2.51E+00	-5.73E-04	-2.32E-04	-4.08E-03	0.00E+00	0.00E+00	-2.48E-09	-1.85E-07	-5.36E-03	-1.35E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-5.20E-01	0.00E+00	1.36E-09	-1.85E-08	-1.03E-03	0.00E+00	-2.37E-01	0.00E+00	-5.20E-01	-5.12E-05	-5.20E-01	-6.82E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
NSN225	-5.49E-03	-1.20E-02	1.68E-03	-9.54E-03	0.00E+00	0.00E+00	-2.55E+00	-4.06E-04	1.53E-05	-3.25E-03	0.00E+00	0.00E+00	-2.42E-09	-1.69E-07	-5.13E-03	-1.22E+00	0.00E+00	0.00E+00	-2.24E+00	0.00E+00	-5.46E-01	0.00E+00	1.69E-09	-1.67E-08	-7.99E-04	0.00E+00	-2.74E-01	0.00E+00	-5.46E-01	-5.49E-05	-5.46E-01	-6.82E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NSN232	-6.05E-03	-1.32E-02	9.44E-04	-1.17E-02	0.00E+00	0.00E+00	-3.04E+00	-4.34E-04	5.92E-05	-3.01E-03	0.00E+00	0.00E+00	-2.53E-09	-1.89E-07	-4.84E-03	-1.51E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-6.07E-01	0.00E+00	1.66E-09	-1.79E-08	-9.13E-04	0.00E+00	-3.54E-01	0.00E+00	-6.07E-01	-5.85E-05	-6.07E-01	-9.40E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NSN240	-9.73E-03	-2.66E-02	1.08E-04	-2.01E-02	0.00E+00	0.00E+00	-2.67E+00	-5.83E-04	-1.83E-04	-3.95E-03	0.00E+00	0.00E+00	-2.65E-09	-2.10E-07	-3.89E-03	-1.52E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-5.65E-01	0.00E+00	5.85E-10	-2.23E-08	-1.16E-03	0.00E+00	-3.60E-01	0.00E+00	-5.65E-01	-6.09E-05	-5.65E-01	-8.48E-01	-3.60E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NSN250	-1.29E-02	1.39E-02	-7.00E-04	8.68E-03	0.00E+00	0.00E+00	-3.51E+00	-1.13E-03	-1.87E-04	-6.05E-03	0.00E+00	0.00E+00	-2.81E-09	-2.26E-07	-5.47E-03	-1.64E+00	0.00E+00	0.00E+00	-3.06E+00	0.00E+00	-6.41E-01	0.00E+00	7.96E-10	-2.71E-08	-1.93E-03	0.00E+00	-3.71E-01	0.00E+00	-6.41E-01	-6.62E-05	-6.41E-01	-9.66E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NSN263	-1.68E-02	1.64E-02	-9.66E-04	-2.32E-02	0.00E+00	0.00E+00	-3.90E+00	-1.87E-03	1.74E-05	-8.08E-03	0.00E+00	0.00E+00	-3.62E-09	-2.61E-07	-4.85E-03	-1.57E+00	0.00E+00	0.00E+00	-3.15E+00	0.00E+00	-6.51E-01	0.00E+00	1.28E-09	-3.06E-08	-2.79E-03	0.00E+00	-4.85E-01	0.00E+00	-6.51E-01	-7.10E-05	-6.51E-01	-7.63E-01	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
NSN300	-1.15E-02	-7.24E-02	-2.40E-03	-8.02E-02	0.00E+00	0.00E+00	-3.03E+00	-1.41E-03	-3.55E-04	-7.09E-03	0.00E+00	0.00E+00	-3.56E-09	-1.48E-07	-1.80E-02	-2.34E+00	0.00E+00	0.00E+00	-3.09E+00	0.00E+00	-1.61E+00	0.00E+00	-2.63E-09	-2.96E-08	-2.49E-03	0.00E+00	-4.77E-01	0.00E+00	-1.61E+00	-4.94E-05	-1.61E+00	-2.21E+00	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NSN301	-1.10E-02	-5.38E-02	-2.43E-03	-6.59E-02	0.00E+00	0.00E+00	-2.85E+00	-1.37E-03	-3.59E-04	-6.68E-03	0.00E+00	0.00E+00	-3.48E-09	-1.35E-07	-2.02E-02	-2.20E+00	0.00E+00	0.00E+00	-2.93E+00	0.00E+00	-1.32E+00	0.00E+00	1.90E-09	-2.88E-08	-2.38E-03	0.00E+00	-4.33E-01	0.00E+00	-1.32E+00	-4.69E-05	-1.32E+00	-1.64E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NSN302	-1.16E-02	-7.64E-02	-1.89E-03	-8.34E-02	0.00E+00	0.00E+00	-2.88E+00	-1.21E-03	-2.07E-04	-6.26E-03	0.00E+00	0.00E+00	-3.38E-09	-1.36E-07	-1.94E-02	-1.77E+00	0.00E+00	0.00E+00	-3.28E+00	0.00E+00	-1.58E+00	0.00E+00	1.03E-09	-3.03E-08	-2.27E-03	0.00E+00	-4.40E-01	0.00E+00	-1.58E+00	-4.92E-05	-1.58E+00	-1.93E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NSN303	-1.14E-02	-9.07E-02	-2.34E-03	-1.02E-01	0.00E+00	0.00E+00	-3.01E+00	-1.31E-03	-3.54E-04	-6.88E-03	0.00E+00	0.00E+00	-3.75E-09	-1.50E-07	-2.00E-02	-2.15E+00	0.00E+00	0.00E+00	-3.33E+00	0.00E+00	-1.74E+00	0.00E+00	5.82E-10	-3.14E-08	-2.57E-03	0.00E+00	-4.84E-01	0.00E+00	-1.74E+00	-5.38E-05	-1.74E+00	-2.08E+00	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
NSN304	-1.14E-02	-7.96E-02	-1.62E-03	-8.30E-02	0.00E+00	0.00E+00	-3.04E+00	-1.32E-03	-1.46E-04	-6.41E-03	0.00E+00	0.00E+00	-3.57E-09	-1.26E-07	-1.98E-02	-1.79E+00	0.00E+00	0.00E+00	-3.37E+00	0.00E+00	-1.65E+00	0.00E+00	9.31E-10	-3.24E-08	-2.43E-03	0.00E+00	-4.37E-01	0.00E+00	-1.65E+00	-5.15E-05	-1.65E+00	-1.90E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
NSN306	-9.23E-03	-8.84E-02	-1.95E-03	-7.45E-02	0.00E+00	0.00E+00	-2.08E+00	-8.50E-04	-4.19E-05	-5.02E-03	0.00E+00	0.00E+00	-3.08E-09	-1.30E-07	-2.03E-02	-2.26E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-1.39E+00	0.00E+00	1.27E-09	-2.65E-08	-1.73E-03	0.00E+00	-4.44E-01	0.00E+00	-1.39E+00	-4.27E-05	-1.39E+00	-1.58E+00	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NSN310	-9.24E-03	-1.33E-01	-1.64E-03	-1.03E-01	0.00E+00	0.00E+00	-2.56E+00	-8.29E-04	-1.23E-04	-6.37E-03	0.00E+00	0.00E+00	-3.13E-09	-1.37E-07	-1.94E-02	-1.80E+00	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	-1.70E+00	0.00E+00	7.32E-10	-2.90E-08	-1.82E-03	0.00E+00	-4.33E-01	0.00E+00	-1.70E+00	-4.63E-05	-1.70E+00	-1.85E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NSN313	-9.97E-03	-1.42E-01	-1.64E-03	-1.12E-01	0.00E+00	0.00E+00	-2.64E+00	-1.05E-03	-2.52E-04	-6.53E-03	0.00E+00	0.00E+00	-3.43E-09	-1.26E-07	-1.98E-02	-1.81E+00	0.00E+00	0.00E+00	-3.47E+00	0.00E+00	-1.68E+00	0.00E+00	4.03E-10	-3.00E-08	-2.18E-03	0.00E+00	-4.41E-01	0.00E+00	-1.68E+00	-4.89E-05	-1.68E+00	-1.85E+00	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NSN316	-1.23E-02	-1.33E-01	-1.31E-03	-1.08E-01	0.00E+00	0.00E+00	-2.79E+00	-1.30E-03	-1.06E-04	-6.94E-03	0.00E+00	0.00E+00	-3.51E-09	-1.16E-07	-1.96E-02	-1.84E+00	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-1.77E+00	0.00E+00	1.03E-09	-3.21E-08	-2.26E-03	0.00E+00	-4.41E-01	0.00E+00	-1.77E+00	-5.58E-05	-1.77E+00	-1.97E+00	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
NSN320	-1.18E-02	-1.45E-01	-2.15E-03	-1.11E-01	0.00E+00	0.00E+00	-3.84E+00	-1.49E-03	-4.44E-04	-9.93E-03	0.00E+00	0.00E+00	-3.57E-09	-1.75E-07	-2.07E-02	-1.82E+00	0.00E+00	0.00E+00	-3.89E+00	0.00E+00	-1.84E+00	0.00E+00	1.75E-09	-3.14E-08	-2.55E-03	0.00E+00	-4.33E-01	0.00E+00	-1.84E+00	-5.76E-05	-1.84E+00	-2.17E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
NSN325	-1.85E-02	-1.39E-01	-3.69E-03	-7.08E-02	0.00E+00	0.00E+00	-4.03E+00	-1.89E-03	-4.97E-04	-1.15E-02	0.00E+00	0.00E+00	-3.73E-09	-2.39E-07	-1.72E-02	-1.90E+00	0.00E+00	0.00E+00	-3.91E+00	0.00E+00	-1.63E+00	0.00E+00	1.45E-09	-4.09E-08	-3.75E-03	0.00E+00	-4.96E-01	0.00E+00	-1.63E+00	-6.68E-05	-1.63E+00	-1.90E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
NSN332	-1.31E-02	-1.33E-02	-4.16E-03	3.16E-02	0.00E+00	0.00E+00	-2.71E+00	-1.59E-03	-8.10E-04	-7.84E-03	0.00E+00	0.00E+00	-4.52E-09	-2.94E-07	-8.89E-03	-1.76E+00	0.00E+00	0.00E+00	-2.59E+00	0.00E+00	-1.55E-01	0.00E+00	3.42E-09	-2.75E-08	-4.18E-03	0.00E+00	-3.61E-01	0.00E+00	-1.55E-01	-8.13E-05	-1.55E-01	-5.97E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NSN340	-1.46E-02	-3.95E-02	-4.29E-03	-1.77E-02	0.00E+00	0.00E+00	-3.04E+00	-1.79E-03	-9.21E-04	-1.04E-02	0.00E+00	0.00E+00	-3.71E-09	-2.56E-07	-1.16E-03	-2.02E+00	0.00E+00	0.00E+00	-3.07E+00	0.00E+00	-8.66E-01	0.00E+00	2.52E-09	-3.36E-08	-3.85E-03	0.00E+00	-3.95E-01	0.00E+00	-8.66E-01	-6.78E-05	-8.66E-01	-1.29E+00	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
NSN350	-2.10E-02	-8.42E-03	-5.26E-03	-6.58E-02	0.00E+00	0.00E+00	-5.88E+00	-3.40E-03	-1.25E-03	-1.80E-02	0.00E+00	0.00E+00	-5.60E-09	-3.69E-07	6.18E-05	-2.14E+00	0.00E+00	0.00E+00	-4.65E+00	0.00E+00	-8.18E-01	0.00E+00	3.00E-09	-3.55E-08	-4.51E-03	0.00E+00	-6.05E-01	0.00E+00	-8.18E-01	-1.02E-04	-8.18E-01	-1.19E+00	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02

NSN363	-2.18E-02	-2.76E-02	-4.74E-03	-9.93E-02	0.00E+00	0.00E+00	-6.37E+00	-2.89E-03	-1.31E-03	-1.97E-02	0.00E+00	0.00E+00	-5.77E-09	-4.01E-07	-7.29E-04	-2.18E+00	0.00E+00	0.00E+00	-5.24E+00	0.00E+00	-1.33E+00	0.00E+00	2.44E-09	-4.46E-08	-4.62E-03	0.00E+00	-6.25E-01	0.00E+00	-1.33E+00	-1.02E-04	-1.33E+00	-2.04E+00	-6.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
NSN400	-1.95E-02	-1.67E-01	-5.30E-03	-5.46E-02	0.00E+00	0.00E+00	-4.82E+00	-1.80E-03	4.21E-05	-9.77E-03	0.00E+00	0.00E+00	-3.97E-09	-1.82E-07	-7.68E-03	-2.20E+00	0.00E+00	0.00E+00	-4.81E+00	0.00E+00	-2.52E+00	0.00E+00	-8.15E-09	-5.05E-08	-3.26E-03	0.00E+00	-7.45E-01	0.00E+00	-2.52E+00	-5.05E-05	-2.52E+00	-3.22E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NSN401	-1.92E-02	-1.21E-01	-5.29E-03	-3.45E-02	0.00E+00	0.00E+00	-4.50E+00	-1.80E-03	1.03E-04	-8.99E-03	0.00E+00	0.00E+00	-4.02E-09	-1.61E-07	-5.32E-03	-2.65E+00	0.00E+00	0.00E+00	-4.13E+00	0.00E+00	-2.08E+00	0.00E+00	-7.88E-09	-4.87E-08	-3.26E-03	0.00E+00	-8.33E-01	0.00E+00	-2.08E+00	-4.82E-05	-2.08E+00	-2.59E+00	-8.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
NSN402	-2.56E-02	-1.77E-01	-4.95E-03	-8.29E-02	0.00E+00	0.00E+00	-5.99E+00	-2.25E-03	-2.56E-04	-1.25E-02	0.00E+00	0.00E+00	-4.63E-09	-2.32E-07	-6.39E-03	-3.03E+00	0.00E+00	0.00E+00	-6.10E+00	0.00E+00	-2.96E+00	0.00E+00	-8.37E-09	-5.86E-08	-4.06E-03	0.00E+00	-8.74E-01	0.00E+00	-2.96E+00	-6.13E-05	-2.96E+00	-3.73E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+02
NSN403	-2.65E-02	-1.66E-01	-4.78E-03	-9.02E-02	0.00E+00	0.00E+00	-6.05E+00	-2.44E-03	7.93E-04	-1.32E-02	0.00E+00	0.00E+00	-4.86E-09	-2.28E-07	-7.30E-03	-3.10E+00	0.00E+00	0.00E+00	-5.90E+00	0.00E+00	-2.93E+00	0.00E+00	-8.46E-09	-6.09E-08	-4.35E-03	0.00E+00	-8.60E-01	0.00E+00	-2.93E+00	-5.89E-05	-2.93E+00	-3.51E+00	-8.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+02
NSN404	-2.28E-02	-1.82E-01	-6.47E-03	-4.51E-02	0.00E+00	0.00E+00	-5.25E+00	-2.07E-03	-4.84E-04	-1.24E-02	0.00E+00	0.00E+00	-4.20E-09	-2.52E-07	-7.27E-03	-2.36E+00	0.00E+00	0.00E+00	-5.12E+00	0.00E+00	-2.71E+00	0.00E+00	-6.92E-09	-6.68E-08	-4.80E-03	0.00E+00	-7.45E-01	0.00E+00	-2.71E+00	-6.89E-05	-2.71E+00	-3.27E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
NSN406	-1.53E-02	-2.18E-01	-5.16E-03	-6.94E-02	0.00E+00	0.00E+00	-3.01E+00	-1.46E-03	-2.75E-04	-8.43E-03	0.00E+00	0.00E+00	-3.89E-09	-1.61E-07	-7.71E-03	-3.10E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-2.22E+00	0.00E+00	-1.20E-09	-4.25E-08	-2.93E-03	0.00E+00	-6.31E-01	0.00E+00	-2.22E+00	-5.00E-05	-2.22E+00	-2.64E+00	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NSN410	-1.75E-02	-2.58E-01	-4.98E-03	-1.05E-01	0.00E+00	0.00E+00	-3.46E+00	-1.54E-03	-2.87E-04	-1.03E-02	0.00E+00	0.00E+00	-4.22E-09	-2.00E-07	-8.68E-03	-3.41E+00	0.00E+00	0.00E+00	-4.33E+00	0.00E+00	-2.82E+00	0.00E+00	-2.94E-09	-5.17E-08	-3.46E-03	0.00E+00	-6.96E-01	0.00E+00	-2.82E+00	-5.86E-05	-2.82E+00	-3.01E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
NSN413	-1.97E-02	-2.51E-01	-5.01E-03	-1.10E-01	0.00E+00	0.00E+00	-3.66E+00	-1.74E-03	-5.43E-04	-1.07E-02	0.00E+00	0.00E+00	-4.34E-09	-2.15E-07	-8.35E-03	-3.47E+00	0.00E+00	0.00E+00	-4.40E+00	0.00E+00	-2.73E+00	0.00E+00	-3.85E-09	-5.64E-08	-3.86E-03	0.00E+00	-6.88E-01	0.00E+00	-2.73E+00	-6.14E-05	-2.73E+00	-2.91E+00	-6.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
NSN416	-8.24E-03	-2.83E-01	-9.24E-04	-2.39E-01	0.00E+00	0.00E+00	-2.31E+00	-7.43E-04	-6.44E-05	-6.57E-03	0.00E+00	0.00E+00	-3.95E-09	-8.45E-08	-2.10E-02	-2.54E+00	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-1.68E+00	0.00E+00	4.46E-09	-5.02E-08	-3.89E-03	0.00E+00	-6.66E-01	0.00E+00	-1.68E+00	-2.59E-05	-1.68E+00	-1.59E+00	-6.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
NSN420	-2.68E-02	-2.33E-01	-6.75E-03	-9.10E-02	0.00E+00	0.00E+00	-5.75E+00	-2.42E-03	-1.98E-04	-1.53E-02	0.00E+00	0.00E+00	-4.42E-09	-2.53E-07	-7.42E-03	-3.58E+00	0.00E+00	0.00E+00	-5.82E+00	0.00E+00	-2.94E+00	0.00E+00	-8.90E-09	-6.92E-08	-5.20E-03	0.00E+00	-9.82E-01	0.00E+00	-2.94E+00	-6.67E-05	-2.94E+00	-3.42E+00	-9.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
NSN425	-3.37E-02	-1.87E-01	-6.78E-03	-8.25E-02	0.00E+00	0.00E+00	-4.43E+00	-2.90E-03	4.10E-04	-1.38E-02	0.00E+00	0.00E+00	-5.32E-09	-2.53E-07	-4.34E-03	-2.55E+00	0.00E+00	0.00E+00	-4.99E+00	0.00E+00	-2.58E+00	0.00E+00	-8.17E-09	-6.94E-08	-5.16E-03	0.00E+00	-1.02E+00	0.00E+00	-2.58E+00	-4.99E-05	-2.58E+00	-3.21E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
NSN432	-3.59E-02	-1.03E-01	-6.15E-03	-9.98E-02	0.00E+00	0.00E+00	-7.50E+00	-3.45E-03	7.59E-04	-1.88E-02	0.00E+00	0.00E+00	-6.00E-09	-2.94E-07	-1.64E-03	-2.57E+00	0.00E+00	0.00E+00	-6.66E+00	0.00E+00	-2.46E+00	0.00E+00	-9.15E-09	-6.43E-08	-4.93E-03	0.00E+00	-9.95E-01	0.00E+00	-2.46E+00	-8.64E-05	-2.46E+00	-2.97E+00	-9.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+02
NSN440	-3.70E-02	-1.25E-01	-7.15E-03	-8.47E-02	0.00E+00	0.00E+00	-7.71E+00	-3.60E-03	-3.39E-04	-1.87E-02	0.00E+00	0.00E+00	-6.05E-09	-3.13E-07	-1.66E-03	-2.56E+00	0.00E+00	0.00E+00	-6.95E+00	0.00E+00	-2.45E+00	0.00E+00	-9.16E-09	-6.58E-08	-5.30E-03	0.00E+00	-1.01E+00	0.00E+00	-2.45E+00	-9.52E-05	-2.45E+00	-2.92E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.86E+02
NSN450	-3.64E-02	-1.47E-01	-6.17E-03	-1.33E-01	0.00E+00	0.00E+00	-8.22E+00	-3.84E-03	7.28E-04	-2.21E-02	0.00E+00	0.00E+00	-6.16E-09	-4.06E-07	-4.14E-03	-3.34E+00	0.00E+00	0.00E+00	-7.25E+00	0.00E+00	-3.07E+00	0.00E+00	-8.62E-09	-7.26E-08	-5.20E-03	0.00E+00	-1.07E+00	0.00E+00	-3.07E+00	-8.63E-05	-3.07E+00	-3.62E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
NSN463	-3.26E-02	-1.46E-01	-6.09E-03	-1.31E-01	0.00E+00	0.00E+00	-7.97E+00	-3.85E-03	8.47E-04	-2.19E-02	0.00E+00	0.00E+00	-6.11E-09	-4.24E-07	-1.82E-03	-3.24E+00	0.00E+00	0.00E+00	-7.06E+00	0.00E+00	-2.46E+00	0.00E+00	-8.62E-09	-7.26E-08	-5.27E-03	0.00E+00	-1.04E+00	0.00E+00	-2.46E+00	-7.10E-05	-2.46E+00	-3.29E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E+02
NT101C	-6.11E-03	-1.94E-01	-9.58E-04	-1.76E-01	0.00E+00	0.00E+00	-1.87E+00	-5.14E-04	-1.69E-04	-4.32E-03	0.00E+00	0.00E+00	-1.32E-09	-6.35E-08	-5.46E-03	-5.74E+00	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-1.17E+00	0.00E+00	-5.93E-09	-1.91E-08	-1.23E-03	0.00E+00	-8.96E-01	0.00E+00	-1.17E+00	-1.65E-05	-1.17E+00	-1.89E+00	-8.96E-01	0.00E+00	0.00E+00	0.00E+00	-7.37E+01
NT102C	-6.18E-03	-2.41E-01	-2.70E-03	-2.38E-01	0.00E+00	0.00E+00	-1.72E+00	-5.81E-04	-3.61E-04	-4.51E-03	0.00E+00	0.00E+00	-1.69E-09	-6.75E-08	-8.22E-03	-6.20E+00	0.00E+00	0.00E+00	-1.92E+00	0.00E+00	-1.78E+00	0.00E+00	-8.48E-09	-2.27E-08	-1.49E-03	0.00E+00	-1.03E+00	0.00E+00	-1.78E+00	-1.77E-05	-1.78E+00	-2.81E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
NT104C	-6.19E-03	-1.94E-01	-1.05E-03	-1.66E-01	0.00E+00	0.00E+00	-1.88E+00	-4.78E-04	-1.96E-04	-4.38E-03	0.00E+00	0.00E+00	-1.26E-09	-6.30E-08	-5.11E-03	-5.69E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-1.19E+00	0.00E+00	-5.86E-09	-1.89E-08	-1.22E-03	0.00E+00	-8.91E-01	0.00E+00	-1.19E+00	-1.71E-05	-1.19E+00	-1.87E+00	-8.91E-01	0.00E+00	0.00E+00	0.00E+00	-7.31E+01
NT106C	-5.29E-03	-1.67E-01	-1.19E-03	-1.68E-01	0.00E+00	0.00E+00	-1.64E+00	-4.70E-04	-2.40E-04	-4.22E-03	0.00E+00	0.00E+00	-1.38E-09	-6.04E-08	-5.52E-03	-5.42E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.28E+00	0.00E+00	-6.07E-09	-1.86E-08	-1.22E-03	0.00E+00	-6.78E-01	0.00E+00	-1.28E+00	-1.55E-05	-1.28E+00	-1.85E+00	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.94E+01
NT110C	-3.34E-03	-1.54E-01	-9.78E-04	-1.43E-01	0.00E+00	0.00E+00	-1.48E+00	-3.22E-04	-1.82E-04	-3.15E-03	0.00E+00	0.00E+00	-1.03E-09	-4.13E-08	-3.28E-03	-5.30E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	-1.24E+00	0.00E+00	-5.63E-09	-1.71E-08	-9.92E-04	0.00E+00	-6.05E-01	0.00E+00	-1.24E+00	-9.63E-06	-1.24E+00	-1.73E+00	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
NT116C	-3.63E-03	-1.53E-01	-9.87E-04	-1.43E-01	0.00E+00	0.00E+00	-1.53E+00	-3.40E-04	-2.08E-04	-3.25E-03	0.00E+00	0.00E+00	-1.04E-09	-4.47E-08	-3.50E-03	-4.32E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-1.28E+00	0.00E+00	-5.65E-09	-1.93E-08	-1.08E-03	0.00E+00	-5.61E-01	0.00E+00	-1.28E+00	-1.00E-05	-1.28E+00	-1.73E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
NT120C	-4.48E-03	-1.63E-01	-1.03E-03	-1.59E-01	0.00E+00	0.00E+00	-1.85E+00	-4.74E-04	-2.89E-04	-3.61E-03	0.00E+00	0.00E+00	-1.20E-09	-5.92E-08	-5.14E-03	-7.66E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-1.35E+00	0.00E+00	-5.79E-09	-2.17E-08	-1.38E-03	0.00E+00	-6.22E-01	0.00E+00	-1.35E+00	-1.62E-05	-1.35E+00	-1.79E+00	-6.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
NT125C	-7.10E-03	-2.08E-01	-1.57E-03	-1.94E-01	0.00E+00	0.00E+00	-2.68E+00	-6.57E-04	-3.46E-04	-4.51E-03	0.00E+00	0.00E+00	-1.52E-09	-9.66E-08	-8.54E-03	-9.65E+00	0.00E+00	0.00E+00	-2.20E+00	0.00E+00	-1.48E+00	0.00E+00	-6.64E-09	-2.26E-08	-1.87E-03	0.00E+00	-1.03E+00	0.00E+00	-1.48E+00	-2.00E-05	-1.48E+00	-2.26E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.32E+01
NT132C	-8.76E-03	-9.00E-02	-1.26E-03	-8.87E-02	0.00E+00	0.00E+00	-2.11E+00	-8.98E-04	-3.05E-04	-5.13E-03	0.00E+00	0.00E+00	-1.75E-09	-1.03E-07	-4.62E-03	-8.68E-01	0.00E+00	0.00E+00	-1.94E+00	0.00E+00	-5.91E-01	0.00E+00	5.32E-10	-1.94E-08	-1.59E-03	0.00E+00	-2.18E-01	0.00E+00	-5.91E-01	-2.61E-05	-5.91E-01	-8.09E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
NT140C	-9.45E-03	-2.11E-01	-1.42E-03	-1.88E-01	0.00E+00	0.00E+00	-2.80E+00	-1.10E-03	-3.56E-04	-5.77E-03	0.00E+00	0.00E+00	-1.65E-09	-1.21E-07	-9.23E-03	-9.96E+00	0.00E+00	0.00E+00	-2.30E+00	0.00E+00	-1.45E+00	0.00E+00	-6.82E-09	-2.45E-08	-2.30E-03	0.00E+00	-8.37E-01	0.00E+00	-1.45E+00	-2.78E-05	-1.45E+00	-2.28E+00	-8.37E-01	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
NT150C	-6.41E-03	-5.42E-02	7.34E-04	-6.20E-02	0.00E+00	0.00E+00	-1.48E+00	-7.23E-04	8.62E-05	-5.35E-03	0.00E+00	0.00E+00	-1.45E-09	-1.02E-07	-3.56E-03	-4.64E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-1.58E-01	0.00E+00	3.98E-09	-1.61E-08	-1.56E-03	0.00E+00	-5.64E-01	0.00E+00	-1.58E-01	-2.06E-05	-1.58E-01	-5.65E-01	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-6.18E+01
NT163C	-9.39E-03	-9.36E-02	9.48E-04	-8.14E-02	0.00E+00	0.00E+00	-2.24E+00	-9.52E-04	1.41E-05	-5.35E-03	0.00E+00	0.00E+00	-1.48E-09	-1.13E-07	-3.58E-03	-4.66E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	-1.17E-01	0.00E+00	3.29E-09	-2.07E-08	-1.63E-03	0.00E+00	-6.09E-01	0.00E+00	-1.17E-01	-2.65E-05	-1.17E-01	-7.84E-01	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.61E+01
NT201C	-7.39E-03	-3.85E-01	-3.70E-03	-3.03E-01	0.00E+00	0.00E+00	-2.45E+00	-5.10E-04	-3.59E-04	-5.90E-03	0.00E+00	0.00E+00	-2.52E-09	-6.72E-08	-1.35E-02	-5.82E+00	0.00E+00	0.00E+00	-2.77E+00	0.00E+00	-2.75E+00	0.00E+00	-1.19E-08	-3.03E-08	-1.55E-03	0.00E+00	-9.50E-01	0.00E+00	-2.75E+00	-2.25E-05	-2.75E+00	-3.84E+00	-9.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NT202C	-8.30E-03	-3.91E-01	-4.23E-03	-3.24E-01	0.00E+00	0.00E+00	-2.80E+00	-5.87E-04	-3.89E-04	-5.33E-03	0.00E+00	0.00E+00	-2.63E-09	-7.18E-08	-1.55E-02	-6.04E+00	0.00E+00	0.00E+00	-3.04E+00	0.00E+00	-3.15E+00	0.00E+00	-1.37E-08	-3.13E-08	-1.79E-03	0.00E+00	-9.78E-01	0.00E+00	-3.15E+00	-2.35E-05	-3.15E+00	-4.48E+00	-9.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NT204C	-7.72E-03	-3.79E-01	-3.70E-03	-2.99E-01	0.00E+00	0.00E+00	-2.50E+00	-5.90E-04	-3.66E-04	-6.11E-03	0.00E+00	0.00E+00	-2.49E-09	-7.35E-08	-1.38E-02	-5.86E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-2.70E+00	0.00E+00	-1.19E-08	-3.09E-08	-1.68E-03	0.00E+00	-9.50E-01	0.00E+00	-2.70E+00	-2.46E-05	-2.70E+00	-3.80E+00	-9.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NT206C	-7.50E-03	-3.51E-01	-4.81E-03	-3.64E-01	0.00E+00	0.00E+00	-2.39E+00	-5.72E-04	-4.75E-04	-7.01E-03	0.00E+00	0.00E+00	-2.93E-09	-7.63E-08	-2.03E-02	-5.68E+00	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	-3.51E+00	0.00E+00	-1.59E-08	-3.31E-08	-2.09E-03	0.00E+00	-8.33E-01	0.00E+00	-3.51E+00	-2.25E-05	-3.51E+00	-4.72E+00	-8.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NT210C	-5.92E-03	-3.44E-01	-3.92E-03	-3.49E-01	0.00E+00	0.00E+00	-2.05E+00	-4.90E-04	-3.65E-04	-5.21E-03	0.00E+00	0.00E+00	-2.48E-09	-6.04E-08	-1.97E-02	-6.00E+00	0.00E+00	0.00E+00	-2.62E+00	0.00E+00	-3.22E+00	0.00E+00	-1.42E-08	-2.78E-08	-1.68E-03	0.00E+00	-7.04E-01	0.00E+00	-3.22E+00	-1.80E-05	-3.22E+00	-4.38E+00	-7.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NT216C	-6.25E-03	-3.02E-01	-3.88E-03	-2.98E-01	0.00E+00	0.00E+00	-1.90E+00	-5.59E-04	-4.32E-04	-5.32E-03	0.00E+00	0.00E+00	-2.61E-09	-6.43E-08	-2.22E-02	-1.88E+00	0.00E+00	0.00E+00	-2.69E+00	0.00E+00	-2.97E+00	0.00E+00	-1.26E-08	-2.96E-08	-1.94E-03	0.00E+00	-5.31E-01	0.00E+00	-2.97E+00	-1.80E-05	-2.97E+00	-3.50E+00	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NT220C	-7.67E-03	-3.86E-01	-4.59E-03	-3.82E-01	0.00E+00	0.00E+00	-2.67E+00	-7.45E-04	-5.18E-04	-6.44E-03	0.00E+00	0.00E+00	-3.05E-09	-8.71E-08	-2.14E-02	-1.05E+01	0.00E+00	0.00E+00	-3.49E+00	0.00E+00	-3.65E+00	0.00E+00	-1.62E-08	-3.77E-08	-2.58E-03	0.00E+00	-8.68E-01	0.00E+00	-3.65E+00	-2.73E-05	-3.65E+00	-4.63E+00	-8.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
NT225C	-1.11E-02	-4.89E-01	-5.30E-03	-4.51E-01	0.00E+00	0.00E+00	-3.85E+00	-1.09E-03	-6.57E-04	-7.18E-03	0.00E+00	0.00E+00	-3.37E-09	-1.24E-07	-2.32E-02	-1.27E+01	0.00E+00	0.00E+00	-4.25E+00	0.00E+00	-3.75E+00	0.00E+00	-1.68E-08	-4.19E-08	-2.94E-03	0.00E+00	-1.34E+00	0.00E+00	-3.75E+00	-3.43E-05	-3.75E+00	-5.50E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
NT232C	-1.08E-02	-4.95E-01	-5.25E-03	-4.48E-01	0.00E+00	0.00E+00	-3.96E+00	-1.12E-03	-6.51E-04	-7.93E-03	0.00E+00	0.00E+00	-3.39E-09	-1.14E-07	-2.25E-02	-1.26E+01	0.00E+00	0.00E+00	-4.32E+00	0.00E+00	-3.80E+00	0.00E+00	-1.66E-08	-4.18E-08	-2.95E-03	0.00E+00	-1.29E+00	0.00E+00	-3.80E+00	-3.43E-05	-3.80E+00	-5.51E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
NT240C	-1.79E-02	-5.05E-01	-5.95E-03	-4.54E-01	0.00E+00	0.00E+00	-5.17E+00	-1.68E-03	-9.36E-04	-1.08E-02	0.00E+00	0.00E+00	-3.70E-09	-2.02E-07	-2.32E-02	-1.35E+01	0.00E+00	0.00E+00	-4.99E+00	0.00E+00	-3.88E+00	0.00E+00	-1.77E-08	-5.18E-08	-3.67E-03	0.00E+00	-1.25E+00	0.00E+00	-3.88E+00	-5.04E-05	-3.88E+00	-5.88E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
NT250C	-1.14E-02	-2.17E-01	-2.49E-03	-1.44E-01	0.00E+00	0.00E+00	-3.61E+00	-8.98E-04	-1.22E-04	-4.33E-03	0.00E+00	0.00E+00	-2.41E-09	-8.44E-08	-8.11E-03	-4.06E+00	0.00E+00	0.00E+00	-3.72E+00	0.00E+00	-1.76E+00	0.00E+00	2.19E-09	-2.31E-08	-1.33E-03	0.00E+00	-8.27E-01	0.00E+00	-1.76E+00	-2.89E-05	-1.76E+00	-2.47E+00	-8.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NT263C	-1.71E-02	-2.44E-01	-3.19E-03	-1.47E-01	0.00E+00	0.00E+00	-4.47E+00	-1.38E-03	-1.01E-04	-7.04E-03	0.00E+00	0.00E+00	-3.37E-09	-2.02E-07	-9.78E-03	-4.08E+00	0.00E+00	0.00E+00	-4.12E+00	0.00E+00	-1.56E+00	0.00E+00	1.28E-09	-3.71E-08	-2.66E-03	0.00E+00	-8.87E-01	0.00E+00	-1.56E+00	-4.26E-05	-1.56E+00	-2.34E+00	-8.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
NT301C	-1.37E-02	-5.57E-01	-7.12E-03	-4.77E-01	0.00E+00	0.00E+00	-3.39E+00	-1.61E-03	-8.05E-04	-9.98E-03	0.00E+00	0.00E+00	-3.77E-09	-1.35E-07	-2.61E-02	-5.81E+00	0.00E+00	0.00E+00	-4.67E+00	0.00E+00	-4.66E+00	0.00E+00	-2.04E-08	-5.10E-08	-3.44E-03	0.00E+00	-9.65E-01	0.00E+00	-4.66E+00	-4.05E-05	-4.66E+00	-6.30E+00	-9.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
NT302C	-1.41E-02	-5.52E-01	-7.36E-03	-4.85E-01	0.00E+00	0.00E+00	-3.24E+00	-1.51E-03	-8.10E-04	-1.08E-02	0.00E+00	0.00E+00	-3.94E-09	-1.46E-07	-2.42E-02	-5.87E+00	0.00E+00	0.00E+00	-4.26E+00	0.00E+00	-4.58E+00	0.00E+00	-2.24E-08	-5.30E-08	-3.48E-03	0.00E+00	-9.37E-01	0.00E+00	-4.58E+00	-4.15E-05	-4.58E+00	-6.45E+00	-9.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
NT304C	-1.44E-02	-5.58E-01	-7.29E-03	-4.90E-01	0.00E+00	0.00E+00	-3.41E+00	-1.58E-03	-8.03E-04	-1.11E-02	0.00E+00	0.00E+00	-4.12E-09	-1.49E-07	-2.73E-02	-5.96E+00	0.00E+00	0.00E+00	-4.41E+00	0.00E+00	-4.70E+00	0.00E+00	-2.25E-08	-5.34E-08	-3.62E-03	0.00E+00	-9.29E-01	0.00E+00	-4.70E+00	-4.27E-05	-4.70E+00	-6.54E+00	-9.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
NT306C	-1.40E-02	-4.92E-01	-7.15E-03	-5.54E-01	0.00E+00	0.00E+00	-3.05E+00	-1.42E-03	-7.40E-04	-9.51E-03	0.00E+00	0.00E+00	-3.92E-09	-1.36E-07	-2.97E-02	-5.59E+00	0.00E+00	0.00E+00	-4.48E+00	0.00E+00	-4.82E+00	0.00E+00	-2.27E-08	-5.06E-08	-3.52E-03	0.00E+00	-8.53E-01	0.00E+00	-4.82E+00	-3.64E-05	-4.82E+00	-6.52E+00	-8.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
NT310C	-1.07E-02	-4.45E-01	-5.85E-03	-4.95E-01	0.00E+00	0.00E+00	-2.66E+00	-9.66E-04	-6.30E-04	-8.15E-03	0.00E+00	0.00E+00	-3.59E-09	-9.63E-08	-2.90E-02	-5.75E+00	0.00E+00	0.00E+00	-4.03E+00	0.00E+00	-4.24E+00	0.00E+00	-1.98E-08	-4.50E-08	-2.86E-03	0.00E+00	-7.44E-01	0.00E+00	-4.24E+00	-2.72E-05	-4.24E+00	-5.39E+00	-7.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
NT316C	-1.03E-02	-4.66E-01	-6.35E-03	-5.38E-01	0.00E+00	0.00E+00	-3.12E+00	-9.39E-04	-6.83E-04	-8.64E-03	0.00E+00	0.00E+00	-3.74E-09	-1.04E-07	-2.95E-02	-5.81E+00	0.00E+00	0.00E+00	-4.32E+00	0.00E+00	-4.45E+00	0.00E+00	-2.04E-08	-4.72E-08	-2.99E-03	0.00E+00	-7.52E-01	0.00E+00	-4.45E+00	-2.92E-05	-4.45E+00	-6.14E+00	-7.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
NT320C	-1.42E-02	-4.56E-01	-6.58E-03	-4.50E-01	0.00E+00	0.00E+00	-3.98E+00	-1.33E-03	-8.43E-04	-1.05E-02	0.00E+00	0.00E+00	-4.21E-09	-1.54E-07	-3.41E-02	-3.23E+00	0.00E+00	0.00E+00	-4.77E+00	0.00E+00	-4.52E+00	0.00E+00	-1.97E-08	-5.09E-08	-3.55E-03	0.00E+00	-8.75E-01	0.00E+00	-4.52E+00	-4.38E-05	-4.52E+00	-5.40E+00	-8.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NT325C	-2.36E-02	-6.42E-01	-8.49E-03	-6.50E-01	0.00E+00	0.00E+00	-5.17E+00	-2.05E-03	-1.20E-03	-1.43E-02	0.00E+00	0.00E+00	-4.39E-09	-2.43E-07	-3.42E-02	-1.57E+01	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-5.33E+00	0.00E+00	-2.48E-08	-6.92E-08	-4.67E-03	0.00E+00	-1.50E+00	0.00E+00	-5.33E+00	-5.67E-05	-5.33E+00	-8.01E+00	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NT332C	-3.23E-02	-7.63E-01	-1.03E-02	-7.52E-01	0.00E+00	0.00E+00	-8.37E+00	-3.12E-03	-1.65E-03	-2.08E-02	0.00E+00	0.00E+00	-6.10E-09	-3.65E-07	-3.84E-02	-1.96E+01	0.00E+00	0.00E+00	-8.06E+00	0.00E+00	-5.89E+00	0.00E+00	-2.83E-08	-8.89E-08	-6.38E-03	0.00E+00	-3.37E+00	0.00E+00	-5.89E+00	-9.52E-05	-5.89E+00	-9.26E+00	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.39E+02
NT340C	-3.23E-02	-7.64E-01	-1.03E-02	-7.53E-01	0.00E+00	0.00E+00	-8.38E+00	-3.12E-03	-1.65E-03	-2.08E-02	0.00E+00	0.00E+00	-6.11E-09	-3.65E-07	-3.85E-02	-1.96E+01	0.00E+00	0.00E+00	-8.07E+00	0.00E+00	-5.90E+00	0.00E+00	-2.83E-08	-8.90E-08	-6.39E-03	0.00E+00	-3.37E+00	0.00E+00	-5.90E+00	-9.53E-05	-5.90E+00	-9.27E+00	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.39E+02
NT350C	2.96E-03	-1.60E-02	7.89E-03	-2.39E-02	0.00E+00	0.00E+00	9.63E-01	-8.07E-05	2.42E-03	5.92E-05	0.00E+00	0.00E+00	-2.10E-09	1.93E-08	1.12E-02	1.63E-01	0.00E+00	0.00E+00	2.22E-01	0.00E+00	1.33E+00	0.00E+00	1.97E-08	-4.64E-09	-2.97E-04	0.00E+00	1.15E-01	0.00E+00	1.33E+00	-3.34E-06	1.33E+00	1.44E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-01
NT363C	-3.75E-02	-6.05E-02	-4.83E-04	-6.00E-02	0.00E+00	0.00E+00	-7.60E+00	-3.86E-03	-1.49E-03	-1.94E-02	0.00E+00	0.00E+00	-4.86E-09	-4.47E-07	8.60E-03	-3.10E+00	0.00E+00	0.00E+00	-5.98E+00	0.00E+00	7.27E-01	0.00E+00	1.45E-08	-6.01E-08	-5.55E-03	0.00E+00	-5.31E-01	0.00E+00	7.27E-01	-1.10E-04	7.27E-01	1.96E-01	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
VKS01SG	-7.20E-03	-1.42E-01	-2.52E-03	-1.40E-01	0.00E+00	0.00E+00	-1.89E+00	-6.94E-04	-3.71E-04	-4.67E-03	0.00E+00	0.00E+00	-1.53E-09	-8.08E-08	-9.17E-03	-1.19E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-1.43E+00	0.00E+00	-6.51E-09	-1.95E-08	-1.47E-03	0.00E+00	-3.06E-01	0.00E+00	-1.43E+00	-2.12E-05	-1.43E+00	-1.74E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01
VKS03SF	-1.44E-02	-2.85E-01	-5.05E-03	-2.80E-01	0.00E+00	0.00E+00	-3.78E+00	-1.39E-03	-7.43E-04	-9.35E-03	0.00E+00	0.00E+00	-3.06E-09	-1.62E-07	-1.90E-02	-2.39E+00	0.00E+00	0.00E+00	-3.92E+00	0.00E+00	-2.88E+00	0.00E+00	-1.30E-08	-3.91E-08	-2.94E-03	0.00E+00	-6.17E-01	0.00E+00	-2.88E+00	-4.23E-05	-2.88E+00	-3.49E+00	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
VKS04SD	-2.30E-02	-5.75E-01	-9.24E-03	-5.66E-01	0.00E+00	0.00E+00	-6.17E+00	-2.18E-03	-1.26E-03	-1.58E-02	0.00E+00	0.00E+00	-5.59E-09	-2.55E-07	-4.57E-02	-4.97E+00	0.00E+00	0.00E+00	-6.93E+00	0.00E+00	-5.69E+00	0.00E+00	-2.50E-08	-7.04E-08	-5.09E-03	0.00E+00	-1.28E+00	0.00E+00	-5.69E+00	-7.12E-05	-5.69E+00	-6.97E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+02
VKS05SK	-5.09E-02	-7.77E-01	-1.50E-02	-7.62E-01	0.00E+00	0.00E+00	-1.30E+01	-4.97E-03	-2.49E-03	-3.14E-02	0.00E+00	0.00E+00	-9.02E-09	-5.80E-07	-5.15E-02	-7.36E+00	0.00E+00	0.00E+00	-1.22E+01	0.00E+00	-7.91E+00	0.00E+00	-3.68E-08	-1.22E-07	-9.54E-03	0.00E+00	-1.82E+00	0.00E+00	-7.91E+00	-1.51E-04	-7.91E+00	-9.73E+00	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-5.17E+02
VKS06SV	-2.35E-02	-3.49E-01	-6.95E-03	-3.42E-01	0.00E+00	0.00E+00	-6.00E+00	-2.30E-03	-1.14E-03	-1.45E-02	0.00E+00	0.00E+00	-4.17E-09	-2.68E-07	-2.08E-02	-3.16E+00	0.00E+00	0.00E+00	-5.67E+00	0.00E+00	-3.58E+00	0.00E+00	-1.68E-08	-5.58E-08	-4.38E-03	0.00E+00	-7.95E-01	0.00E+00	-3.58E+00	-6.85E-05	-3.58E+00	-4.37E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
VKS08SC	-5.09E-02	-7.78E-01	-1.50E-02	-7.63E-01	0.00E+00	0.00E+00	-1.30E+01	-4.97E-03	-2.49E-03	-3.14E-02	0.00E+00	0.00E+00	-9.03E-09	-5.80E-07	-5.15E-02	-7.37E+00	0.00E+00	0.00E+00	-1.23E+01	0.00E+00	-7.91E+00	0.00E+00	-3.68E-08	-1.22E-07	-9.55E-03	0.00E+00	-1.82E+00	0.00E+00	-7.91E+00	-1.51E-04	-7.91E+00	-9.74E+00	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-5.17E+02
VKS12SJ	-7.20E-03	-1.42E-01	-2.52E-03	-1.40E-01	0.00E+00	0.00E+00	-1.89E+00	-6.94E-04	-3.71E-04	-4.67E-03	0.00E+00	0.00E+00	-1.53E-09	-8.08E-08	-9.17E-03	-1.19E+00	0.00E+00	0.00E+00	-1.95E+00	0.00E+00	-1.43E+00	0.00E+00	-6.51E-09	-1.96E-08	-1.47E-03	0.00E+00	-3.06E-01	0.00E+00	-1.43E+00	-2.12E-05	-1.43E+00	-1.74E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01
VKS13SH	-1.59E-02	-2.61E-01	-3.66E-03	-2.21E-01	0.00E+00	0.00E+00	-2.45E+00	-1.26E-03	1.07E-04	-8.63E-03	0.00E+00	0.00E+00	-1.96E-09	-1.83E-07	-1.28E-02	-1.50E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	-2.18E+00	0.00E+00	-6.17E-09	-3.41E-08	-2.45E-03	0.00E+00	-4.14E-01	0.00E+00	-2.18E+00	-3.79E-05	-2.18E+00	-2.97E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
Y1106	-3.10E-03	1.05E-02	1.15E-03	-1.30E-03	0.00E+00	0.00E+00	-8.14E-01	-4.05E-04	5.63E-05	-1.52E-03	0.00E+00	0.00E+00	-7.84E-10	-3.87E-08	-8.80E-04	-8.74E-01	0.00E+00	0.00E+00	-9.82E-01	0.00E+00	-1.22E-01	0.00E+00	2.03E-09	-8.23E-09	-6.87E-04	0.00E+00	-1.15E-01	0.00E+00	-1.22E-01	-1.26E-05	-1.22E-01	-8.96E-02	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
Y11101	-1.10E-03	1.16E-02	1.53E-03	2.07E-02	0.00E+00	0.00E+00	-2.34E-01	-1.73E-04	8.28E-05	-9.11E-04	0.00E+00	0.00E+00	-3.84E-10	-1.97E-08	5.39E-04	-4.21E-01	0.00E+00	0.00E+00	-3.31E-01	0.00E+00	7.01E-02	0.00E+00	2.94E-09	-2.47E-09	-3.30E-04	0.00E+00	-4.40E-02	0.00E+00	7.01E-02	-5.09E-06	7.01E-02	1.14E-01	-4.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
Y11161	-1.11E-03	1.09E-02	1.52E-03	2.13E-02	0.00E+00	0.00E+00	-2.37E-01	-1.61E-04	8.28E-05	-8.87E-04	0.00E+00	0.00E+00	-3.55E-10	-1.84E-08	7.79E-04	-4.19E-01	0.00E+00	0.00E+00	-3.18E-01	0.00E+00	7.01E-02	0.00E+00	2.89E-09	-2.38E-09	-3.35E-04	0.00E+00	-4.23E-02	0.00E+00	7.01E-02	-4.85E-06	7.01E-02	1.49E-01	-4.23E-02	0.00E+00	0.00E+00	0.00E+00	-1.04E+01
Y11201	-1.10E-03	1.12E-02	1.54E-03	2.07E-02	0.00E+00	0.00E+00	-2.39E-01	-1.68E-04	8.28E-05	-9.11E-04	0.00E+00	0.00E+00	-3.80E-10	-1.91E-08	7.91E-04	-4.28E-01	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	7.01E-02	0.00E+00	2.94E-09	-2.39E-09	-3.34E-04	0.00E+00	-4.28E-02	0.00E+00	7.01E-02	-4.98E-06	7.01E-02	1.14E-01	-4.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
Y1125	-3.99E-03	-1.97E-02	9.69E-04	6.75E-03	0.00E+00	0.00E+00	-1.60E+00	-5.03E-04	1.22E-03	-1.64E-03	0.00E+00	0.00E+00	-7.51E-10	-5.36E-08	-2.75E-03	-2.37E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	8.43E-02	0.00E+00	1.55E-09	-8.96E-09	-1.03E-03	0.00E+00	-4.35E-01	0.00E+00	8.43E-02	-9.96E-06	8.43E-02	4.19E-02	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.83E+01
Y1132	-6.13E-03	-2.79E-02	5.30E-04	7.10E-03	0.00E+00	0.00E+00	-1.99E+00	-7.19E-04	1.19E-03	-2.59E-03	0.00E+00	0.00E+00	-1.01E-09	-6.67E-08	-4.38E-03	-2.80E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-2.60E-02	0.00E+00	1.55E-09	-1.27E-08	-1.29E-03	0.00E+00	-4.89E-01	0.00E+00	-2.60E-02	-1.82E-05	-2.60E-02	-2.43E-01	-4.89E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
Y1140	-6.32E-03	-1.69E-02	5.24E-04	7.19E-03	0.00E+00	0.00E+00	-2.00E+00	-7.69E-04	1.19E-03	-3.01E-03	0.00E+00	0.00E+00	-1.05E-09	-8.00E-08	-4.57E-03	-2.81E+00	0.00E+00	0.00E+00	-1.56E+00	0.00E+00	-5.48E-02	0.00E+00	1.46E-09	-1.38E-08	-1.33E-03	0.00E+00	-4.97E-01	0.00E+00	-5.48E-02	-1.85E-05	-5.48E-02	-2.57E-01	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
Y1150	-5.56E-03	5.23E-04	1.06E-03	1.26E-03	0.00E+00	0.00E+00	-1.10E+00	-5.75E-04	3.25E-04	-3.77E-03	0.00E+00	0.00E+00	-1.00E-09	-8.04E-08	-1.94E-03	-1.36E+00	0.00E+00	0.00E+00	-7.34E-01	0.00E+00	9.67E-02	0.00E+00	3.62E-09	-1.12E-08	-7.43E-04	0.00E+00	-1.88E-01	0.00E+00	9.67E-02	-1.96E-05	9.67E-02	-1.80E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-4.20E+01
Y1163	-6.49E-03	-2.42E-02	1.75E-03	-7.64E-03	0.00E+00	0.00E+00	-1.41E+00	-5.98E-04	4.67E-04	-3.44E-03	0.00E+00	0.00E+00	-9.91E-10	-7.30E-08	-1.83E-03	-1.06E+00	0.00E+00	0.00E+00	-9.87E-01	0.00E+00	2.13E-01	0.00E+00	2.99E-09	-1.13E-08	-7.54E-04	0.00E+00	-2.28E-01	0.00E+00	2.13E-01	-2.04E-05	2.13E-01	-4.37E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
Y1206	-3.63E-03	3.95E-03	1.16E-03	-7.43E-03	0.00E+00	0.00E+00	-1.13E+00	-4.44E-04	6.29E-05	-1.84E-03	0.00E+00	0.00E+00	-1.10E-09	-5.53E-08	-4.75E-03	-9.51E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-1.14E-01	0.00E+00	2.35E-09	-1.15E-08	-9.33E-04	0.00E+00	-1.32E-01	0.00E+00	-1.14E-01	-1.41E-05	-1.14E-01	1.77E-02	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
Y12101	-2.13E-03	1.78E-02	1.54E-03	1.68E-02	0.00E+00	0.00E+00	-4.71E-01	-2.99E-04	8.31E-05	-1.38E-03	0.00E+00	0.00E+00	-6.15E-10	-3.49E-08	-2.33E-03	-6.16E-01	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	1.64E-02	0.00E+00	2.44E-09	-5.19E-09	-5.74E-04	0.00E+00	-6.70E-02	0.00E+00	1.64E-02	-8.59E-06	1.64E-02	2.90E-02	-6.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
Y12161	-2.54E-03	1.70E-02	1.47E-03	1.75E-02	0.00E+00	0.00E+00	-6.89E-01	-4.04E-04	8.19E-05	-1.64E-03	0.00E+00	0.00E+00	-7.75E-10	-4.03E-08	-3.37E-03	-6.37E-01	0.00E+00	0.00E+00	-7.30E-01	0.00E+00	1.22E-02	0.00E+00	2.34E-09	-7.61E-09	-7.31E-04	0.00E+00	-7.30E-02	0.00E+00	1.22E-02	-1.15E-05	1.22E-02	-1.56E-02	-7.30E-02	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
Y1220	-4.58E-03	-2.83E-02	1.19E-03	-5.99E-04	0.00E+00	0.00E+00	-1.93E+00	-7.62E-04	1.24E-03	-2.72E-03	0.00E+00	0.00E+00	-2.00E-09	-8.26E-08	-8.79E-03	-3.20E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-3.02E-01	0.00E+00	1.38E-09	-2.08E-08	-1.55E-03	0.00E+00	-5.75E-01	0.00E+00	-3.02E-01	-1.78E-05	-3.02E-01	-9.37E-02	-5.75E-01	0.00E+00	0.00E+00	0.00E+00	-8.05E+01
Y1225	-6.21E-03	-3.83E-02	1.23E-03	-1.04E-02	0.00E+00	0.00E+00	-2.09E+00	-8.54E-04	1.27E-03	-3.25E-03	0.00E+00	0.00E+00	-2.04E-09	-8.49E-08	-8.81E-03	-3.23E+00	0.00E+00	0.00E+00	-2.01E+00	0.00E+00	-2.94E-01	0.00E+00	9.56E-10	-2.15E-08	-1.66E-03	0.00E+00	-6.33E-01	0.00E+00	-2.94E-01	-1.72E-05	-2.94E-01	-3.30E-01	-6.33E-01	0.00E+00	0.00E+00	0.00E+00	-8.80E+01
Y1232	-7.63E-03	-4.52E-02	9.68E-04	-1.81E-02	0.00E+00	0.00E+00	-2.57E+00	-8.85E-04	1.35E-03	-3.66E-03	0.00E+00	0.00E+00	-2.65E-09	-9.13E-08	-1.02E-02	-4.08E+00	0.00E+00	0.00E+00	-2.74E+00	0.00E+00	-3.92E-01	0.00E+00	9.31E-10	-2.30E-08	-1.93E-03	0.00E+00	-7.86E-01	0.00E+00	-3.92E-01	-2.37E-05	-3.92E-01	-7.19E-01	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
Y1240	-1.31E-02	-5.59E-02	1.11E-03	-9.61E-03	0.00E+00	0.00E+00	-3.56E+00	-1.40E-03	1.27E-03	-6.72E-03	0.00E+00	0.00E+00	-2.43E-09	-1.60E-07	-1.10E-02	-3.58E+00	0.00E+00	0.00E+00	-2.85E+00	0.00E+00	-2.87E-01	0.00E+00	6.01E-10	-3.15E-08	-2.39E-03	0.00E+00	-6.29E-01	0.00E+00	-2.87E-01	-3.93E-05	-2.87E-01	-5.59E-01	-6.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
Y1250	-1.86E-02	-2.82E-02	6.47E-04	1.43E-02	0.00E+00	0.00E+00	-2.54E+00	-1.21E-03	6.76E-04	-4.34E-03	0.00E+00	0.00E+00	-2.21E-09	-1.08E-07	-4.67E-03	-1.81E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	1.31E+00	0.00E+00	3.22E-09	-1.74E-08	-1.37E-03	0.00E+00	-2.78E-01	0.00E+00	1.31E+00	-2.77E-05	1.31E+00	1.16E+00	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-8.99E+01
Y1263	-1.13E-02	9.02E-03	2.01E-04	2.22E-02	0.00E+00	0.00E+00	-2.38E+00	-1.28E-03	8.20E-04	-4.63E-03	0.00E+00	0.00E+00	-2.58E-09	-1.29E-07	-4.76E-03	-1.84E+00	0.00E+00	0.00E+00	-2.01E+00	0.00E+00	2.18E-01	0.00E+00	2.57E-09	-2.37E-08	-1.74E-03	0.00E+00	-2.96E-01	0.00E+00	2.18E-01	-3.46E-05	2.18E-01	-3.82E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
Y1306	-4.62E-03	-3.54E-02	4.40E-04	-7.18E-03	0.00E+00	0.00E+00	-1.44E+00	-6.69E-04	9.06E-05	-2.73E-03	0.00E+00	0.00E+00	-1.90E-09	-7.39E-08	-9.21E-03	-1.75E+00	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-4.43E-01	0.00E+00	1.34E-09	-2.00E-08	-1.51E-03	0.00E+00	-2.89E-01	0.00E+00	-4.43E-01	-1.90E-05	-4.43E-01	-3.68E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
Y13101	-3.12E-03	2.78E-02	1.49E-03	1.07E-02	0.00E+00	0.00E+00	-7.27E-01	-5.11E-04	6.02E-05	-1.77E-03	0.00E+00	0.00E+00	-8.33E-10	-4.33E-08	-4.97E-03	-7.21E-01	0.00E+00	0.00E+00	-8.21E-01	0.00E+00	-1.11E-02	0.00E+00	1.97E-09	-9.32E-09	-8.05E-04	0.00E+00	-7.82E-02	0.00E+00	-1.11E-02	-1.15E-05	-1.11E-02	-1.39E-01	-7.82E-02	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
Y13161	-4.58E-03	4.41E-02	1.50E-03	1.82E-02	0.00E+00	0.00E+00	-7.97E-01	-6.59E-04	1.17E-04	-2.53E-03	0.00E+00	0.00E+00	-9.52E-10	-5.67E-08	-5.37E-03	-8.21E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.50E-01	0.00E+00	1.93E-09	-1.23E-08	-9.84E-04	0.00E+00	-1.42E-01	0.00E+00	-1.50E-01	-1.37E-05	-1.50E-01	-2.49E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
Y1320	-1.19E-02	-7.73E-02	2.05E-04	-5.01E-02	0.00E+00	0.00E+00	-2.93E+00	-1.33E-03	1.19E-03	-9.57E-03	0.00E+00	0.00E+00	-3.01E-09	-1.25E-07	-1.41E-02	-4.47E+00	0.00E+00	0.00E+00	-2.74E+00	0.00E+00	-8.12E-01	0.00E+00	6.94E-10	-3.46E-08	-2.61E-03	0.00E+00	-8.08E-01	0.00E+00	-8.12E-01	-3.10E-05	-8.12E-01	-9.93E-01	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
Y13201	-6.12E-03	4.36E-02	1.78E-03	2.01E-02	0.00E+00	0.00E+00	-7.44E-01	-7.80E-04	2.25E-04	-3.20E-03	0.00E+00	0.00E+00	-9.52E-10	-6.01E-08	-6.65E-03	-8.33E-01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-2.30E-01	0.00E+00	2.40E-09	-1.25E-08	-9.47E-04	0.00E+00	-1.40E-01	0.00E+00	-2.30E-01	-2.01E-05	-2.30E-01	-3.92E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+01
Y1325	-1.33E-02	-7.15E-02	2.11E-04	-2.74E-02	0.00E+00	0.00E+00	-3.28E+00	-1.61E-03	1.11E-03	-1.08E-02	0.00E+00	0.00E+00	-3.09E-09	-1.32E-07	-1.40E-02	-4.61E+00	0.00E+00	0.00E+00	-2.73E+00	0.00E+00	-7.64E-01	0.00E+00	4.34E-11	-3.96E-08	-3.04E-03	0.00E+00	-8.20E-01	0.00E+00	-7.64E-01	-3.54E-05	-7.64E-01	-1.04E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
Y1340	-1.30E-02	-8.41E-02	-6.09E-04	-6.11E-02	0.00E+00	0.00E+00	-1.25E+00	-1.55E-03	1.69E-03	-1.67E-02	0.00E+00	0.00E+00	-3.55E-09	-2.54E-07	-1.79E-02	-4.71E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-9.99E-01	0.00E+00	3.10E-10	-3.87E-08	-3.17E-03	0.00E+00	-9.92E-01	0.00E+00	-9.99E-01	-7.20E-05	-9.99E-01	-1.71E+00	-9.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02

Y1350	-3.24E-02	-1.62E-02	-1.64E-03	-2.50E-02	0.00E+00	0.00E+00	1.41E-02	-2.56E-03	1.01E-03	-1.34E-02	0.00E+00	0.00E+00	-3.17E-09
Y1363	-1.62E-02	-1.79E-03	-2.57E-04	-1.01E-01	0.00E+00	0.00E+00	-5.35E+00	-1.35E-03	1.03E-03	-1.25E-02	0.00E+00	0.00E+00	-3.18E-09
Y1406	-7.86E-03	-9.91E-02	1.22E-04	-7.23E-02	0.00E+00	0.00E+00	-1.58E+00	-8.73E-04	-7.70E-05	-8.06E-03	0.00E+00	0.00E+00	-2.66E-09
Y14101	-3.23E-03	2.49E-02	1.57E-03	-1.41E-03	0.00E+00	0.00E+00	-6.89E-01	-6.21E-04	1.00E-04	-2.18E-03	0.00E+00	0.00E+00	-9.33E-10
Y14161	-5.97E-03	4.28E-02	1.90E-03	9.48E-03	0.00E+00	0.00E+00	-6.66E-01	-7.15E-04	2.28E-04	-3.16E-03	0.00E+00	0.00E+00	-9.62E-10
Y1420	-9.09E-03	-1.16E-01	-8.63E-04	-3.53E-02	0.00E+00	0.00E+00	-2.56E+00	-1.41E-03	1.50E-03	-1.12E-02	0.00E+00	0.00E+00	-3.27E-09
Y1425	-8.84E-03	-7.51E-02	-6.70E-04	-3.00E-02	0.00E+00	0.00E+00	-3.89E-01	-1.08E-03	1.62E-03	-1.20E-02	0.00E+00	0.00E+00	-3.18E-09
Y1432	-1.05E-02	-5.61E-02	-1.51E-03	-2.82E-02	0.00E+00	0.00E+00	-9.27E-01	-1.04E-03	1.82E-03	-1.24E-02	0.00E+00	0.00E+00	-3.30E-09
Y1440	-1.23E-02	-8.26E-02	-1.08E-03	-4.96E-02	0.00E+00	0.00E+00	-1.66E+00	-1.20E-03	1.74E-03	-1.72E-02	0.00E+00	0.00E+00	-3.75E-09
Y1450	-3.70E-02	-2.19E-02	-1.12E-03	-1.66E-03	0.00E+00	0.00E+00	1.29E-01	-3.03E-03	1.39E-03	-1.51E-02	0.00E+00	0.00E+00	-3.60E-09
Y1463	-1.50E-02	-2.81E-02	8.49E-05	-8.03E-02	0.00E+00	0.00E+00	-5.00E+00	-1.63E-03	1.37E-03	-1.35E-02	0.00E+00	0.00E+00	-3.49E-09
Y7106	-2.35E-03	6.06E-03	1.23E-03	-7.45E-03	0.00E+00	0.00E+00	-7.68E-01	-3.30E-04	5.61E-05	-1.08E-03	0.00E+00	0.00E+00	-5.16E-10
Y7110	-2.24E-03	6.05E-03	1.14E-03	-1.10E-02	0.00E+00	0.00E+00	-7.49E-01	-2.93E-04	7.31E-05	-1.03E-03	0.00E+00	0.00E+00	-4.73E-10
Y7116	-2.38E-03	3.82E-04	1.13E-03	-1.34E-02	0.00E+00	0.00E+00	-7.65E-01	-3.38E-04	6.72E-05	-1.15E-03	0.00E+00	0.00E+00	-4.61E-10
Y7120	-2.65E-03	1.65E-03	1.07E-03	-1.31E-02	0.00E+00	0.00E+00	-1.36E+00	-3.70E-04	5.65E-05	-1.44E-03	0.00E+00	0.00E+00	-5.13E-10
Y7125	-4.55E-03	-1.92E-02	1.01E-03	4.93E-03	0.00E+00	0.00E+00	-1.61E+00	-6.18E-04	1.22E-03	-1.95E-03	0.00E+00	0.00E+00	-8.40E-10
Y7132	-5.97E-03	-3.30E-02	3.67E-04	4.01E-03	0.00E+00	0.00E+00	-1.89E+00	-7.25E-04	1.22E-03	-2.57E-03	0.00E+00	0.00E+00	-1.03E-09
Y7140	-6.85E-03	-1.60E-02	5.16E-04	8.20E-03	0.00E+00	0.00E+00	-1.97E+00	-8.96E-04	1.20E-03	-2.99E-03	0.00E+00	0.00E+00	-1.08E-09
Y7150	-5.21E-03	3.70E-03	1.28E-03	1.57E-03	0.00E+00	0.00E+00	-1.12E+00	-5.86E-04	3.26E-04	-3.07E-03	0.00E+00	0.00E+00	-9.60E-10
Y7163	-6.83E-03	-2.23E-02	1.87E-03	-3.73E-03	0.00E+00	0.00E+00	-1.47E+00	-6.92E-04	4.69E-04	-3.54E-03	0.00E+00	0.00E+00	-9.67E-10
Y7206	-3.71E-03	-1.39E-02	8.93E-04	-1.95E-02	0.00E+00	0.00E+00	-1.08E+00	-4.62E-04	6.29E-05	-1.94E-03	0.00E+00	0.00E+00	-1.43E-09
Y7210	-3.84E-03	-1.08E-02	9.19E-04	-2.31E-02	0.00E+00	0.00E+00	-1.10E+00	-5.38E-04	9.19E-05	-2.18E-03	0.00E+00	0.00E+00	-1.37E-09
Y7216	-4.10E-03	-2.26E-02	9.00E-04	-3.05E-02	0.00E+00	0.00E+00	-1.25E+00	-6.45E-04	8.45E-05	-2.41E-03	0.00E+00	0.00E+00	-1.67E-09
Y7220	-4.45E-03	-2.58E-02	8.07E-04	-3.56E-03	0.00E+00	0.00E+00	-1.87E+00	-7.93E-04	1.24E-03	-2.89E-03	0.00E+00	0.00E+00	-1.73E-09
Y7225	-6.11E-03	-3.82E-02	1.15E-03	-1.10E-02	0.00E+00	0.00E+00	-2.05E+00	-8.53E-04	1.27E-03	-3.22E-03	0.00E+00	0.00E+00	-2.05E-09
Y7232	-6.65E-03	-3.04E-02	1.19E-03	6.26E-03	0.00E+00	0.00E+00	-2.28E+00	-8.31E-04	1.31E-03	-4.02E-03	0.00E+00	0.00E+00	-2.22E-09
Y7240	-1.33E-02	-4.98E-02	1.11E-03	3.47E-03	0.00E+00	0.00E+00	-3.50E+00	-1.48E-03	1.22E-03	-6.25E-03	0.00E+00	0.00E+00	-2.42E-09
Y7250	-7.10E-03	5.73E-04	2.21E-03	1.17E-02	0.00E+00	0.00E+00	-1.89E+00	-8.54E-04	3.81E-04	-3.75E-03	0.00E+00	0.00E+00	-1.87E-09
Y7263	-9.24E-03	1.61E-02	6.92E-04	3.70E-02	0.00E+00	0.00E+00	-2.20E+00	-1.12E-03	7.87E-04	-4.72E-03	0.00E+00	0.00E+00	-2.34E-09
Y7306	-4.47E-03	-8.87E-02	7.27E-05	-6.78E-02	0.00E+00	0.00E+00	-1.43E+00	-6.73E-04	9.06E-05	-3.27E-03	0.00E+00	0.00E+00	-1.94E-09
Y7310	-4.59E-03	-1.07E-01	7.46E-05	-7.72E-02	0.00E+00	0.00E+00	-1.51E+00	-7.26E-04	1.28E-04	-4.03E-03	0.00E+00	0.00E+00	-2.21E-09
Y7316	-4.88E-03	-1.08E-01	1.92E-04	-8.13E-02	0.00E+00	0.00E+00	-1.67E+00	-6.84E-04	2.11E-04	-5.15E-03	0.00E+00	0.00E+00	-2.28E-09
Y7320	-9.15E-03	-8.79E-02	3.02E-04	-5.24E-02	0.00E+00	0.00E+00	-2.98E+00	-1.19E-03	1.22E-03	-8.00E-03	0.00E+00	0.00E+00	-2.43E-09
Y7325	-1.35E-02	-7.23E-02	1.87E-04	-2.84E-02	0.00E+00	0.00E+00	-3.24E+00	-1.62E-03	1.14E-03	-1.14E-02	0.00E+00	0.00E+00	-3.24E-09
Y7332	-1.22E-02	-4.69E-02	-1.17E-03	-6.90E-03	0.00E+00	0.00E+00	-2.34E+00	-1.57E-03	1.47E-03	-1.24E-02	0.00E+00	0.00E+00	-3.10E-09
Y7340	-1.31E-02	-4.99E-02	-1.58E-04	-1.37E-02	0.00E+00	0.00E+00	-1.08E+00	-1.51E-03	1.60E-03	-1.72E-02	0.00E+00	0.00E+00	-3.50E-09
Y7350	-1.33E-02	-5.03E-03	1.78E-04	-1.14E-02	0.00E+00	0.00E+00	-1.66E+00	-1.18E-03	9.30E-04	-1.37E-02	0.00E+00	0.00E+00	-2.76E-09
Y7363	-1.41E-02	-2.54E-03	3.96E-04	-4.72E-02	0.00E+00	0.00E+00	-4.69E+00	-1.64E-03	1.04E-03	-1.27E-02	0.00E+00	0.00E+00	-3.17E-09
Y7406	-9.04E-03	-1.45E-01	-6.52E-04	-8.37E-02	0.00E+00	0.00E+00	-1.94E+00	-1.11E-03	-1.17E-04	-8.77E-03	0.00E+00	0.00E+00	-2.88E-09
Y7410	-8.44E-03	-1.67E-01	-5.95E-04	-1.10E-01	0.00E+00	0.00E+00	-1.68E+00	-9.16E-04	-3.20E-05	-9.46E-03	0.00E+00	0.00E+00	-3.05E-09
Y7416	-1.30E-02	-1.49E-01	-6.74E-04	-8.85E-02	0.00E+00	0.00E+00	-2.57E+00	-1.54E-03	5.04E-05	-1.20E-02	0.00E+00	0.00E+00	-3.06E-09
Y7420	-1.11E-02	-1.21E-01	-8.25E-04	-2.74E-02	0.00E+00	0.00E+00	-2.43E+00	-1.56E-03	1.37E-03	-1.21E-02	0.00E+00	0.00E+00	-3.14E-09
Y7425	-9.00E-03	-7.42E-02	-6.70E-04	-2.50E-02	0.00E+00	0.00E+00	-3.89E-01	-1.10E-03	1.60E-03	-1.21E-02	0.00E+00	0.00E+00	-3.29E-09
Y7432	-9.49E-03	-4.84E-02	-1.74E-03	-2.14E-02	0.00E+00	0.00E+00	-6.42E-01	-1.15E-03	1.77E-03	-1.21E-02	0.00E+00	0.00E+00	-3.13E-09
Y7440	-1.14E-02	-4.79E-02	-6.62E-04	-8.48E-03	0.00E+00	0.00E+00	-1.41E+00	-1.16E-03	1.65E-03	-1.74E-02	0.00E+00	0.00E+00	-3.58E-09
Y7450	-1.43E-02	-1.48E-02	-3.99E-04	-2.87E-02	0.00E+00	0.00E+00	-5.06E+00	-1.39E-03	7.20E-04	-1.58E-02	0.00E+00	0.00E+00	-3.51E-09
Y7463	-1.19E-02	1.31E-02	5.07E-05	-3.08E-02	0.00E+00	0.00E+00	-5.13E+00	-1.30E-03	9.41E-04	-1.34E-02	0.00E+00	0.00E+00	-3.30E-09
YZB110	5.47E-04	1.33E-01	2.92E-03	1.30E-01	0.00E+00	0.00E+00	7.16E-01	1.24E-06	2.31E-04	1.14E-03	0.00E+00	0.00E+00	6.61E-11
YZB116	-2.83E-03	1.34E-02	-8.33E-05	1.35E-02	0.00E+00	0.00E+00	-6.39E-01	-2.91E-04	-1.07E-04	-1.38E-03	0.00E+00	0.00E+00	-8.60E-10
YZB120	-1.53E-03	2.07E-03	-5.64E-04	-2.61E-02	0.00E+00	0.00E+00	-1.44E-01	-1.62E-04	1.09E-04	-8.07E-04	0.00E+00	0.00E+00	-6.07E-10
YZB125	-2.24E-03	-1.19E-01	-8.12E-05	-4.14E-02	0.00E+00	0.00E+00	-2.93E-01	-1.84E-04	1.28E-04	-1.57E-03	0.00E+00	0.00E+00	-7.58E-10
YZB316	-7.51E-03	2.30E-01	3.93E-03	2.26E-01	0.00E+00	0.00E+00	-6.70E-01	-8.29E-04	-1.54E-04	-2.21E-03	0.00E+00	0.00E+00	-1.25E-09
YZB320	-1.28E-02	-1.73E-01	-5.89E-04	-1.01E-01	0.00E+00	0.00E+00	-9.65E-01	-7.69E-04	6.23E-05	-7.44E-03	0.00E+00	0.00E+00	-2.64E-09
YZB325	-1.38E-02	-2.06E-01	-1.43E-03	-7.71E-02	0.00E+00	0.00E+00	-8.35E-01	-1.18E-03	-6.92E-05	-7.29E-03	0.00E+00	0.00E+00	-2.39E-09
YZC110	-1.55E-03	-5.87E-03	-4.95E-04	-3.46E-02	0.00E+00	0.00E+00	-9.11E-02	-1.59E-04	1.20E-04	-9.07E-04	0.00E+00	0.00E+00	-7.81E-10
YZC116	-1.42E-03	7.08E-04	-4.37E-04	-2.76E-02	0.00E+00	0.00E+00	-1.12E-01	-1.55E-04	1.20E-04	-7.59E-04	0.00E+00	0.00E+00	-5.90E-10
YZC120	-2.73E-03	-2.00E-01	-1.56E-03	-9.79E-02	0.00E+00	0.00E+00	-7.39E-01	-1.99E-04	9.79E-05	-1.68E-03	0.00E+00	0.00E+00	-6.01E-10
YZC125	-2.85E-03	-1.15E-01	-5.31E-05	-3.71E-02	0.00E+00	0.00E+00	-3.08E-01	-2.19E-04	1.25E-04	-1.80E-03	0.00E+00	0.00E+00	-8.85E-10
YZC316	-5.25E-03	5.98E-02	8.97E-04	2.76E-02	0.00E+00	0.00E+00	-1.43E-01	-5.68E-04	1.40E-04	-1.79E-03	0.00E+00	0.00E+00	-9.98E-10
YZC320	-5.26E-04	-2.93E-01	-1.14E-03	-2.92E-01	0.00E+00	0.00E+00	-5.40E-01	-9.79E-05	5.64E-04	-2.91E-03	0.00E+00	0.00E+00	-2.82E-09
YZC325	5.95E-04	4.11E-02	2.62E-03	3.84E-02	0.00E+00	0.00E+00	-1.04E-01	-9.70E-05	1.08E-03	-2.24E-04	0.00E+00	0.00E+00	-2.50E-09

Y1350	-3.10E-07	-1.05E-02	-2.18E+00	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	1.10E+00	0.00E+00	1.82E-09	-4.04E-08	-2.65E-03
Y1363	-2.21E-07	-4.24E-03	-2.15E+00	0.00E+00	0.00E+00	-4.52E+00	0.00E+00	-1.04E+00	0.00E+00	4.31E-09	-3.32E-08	-2.30E-03
Y1406	-1.26E-07	-5.17E-03	-2.04E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-6.37E-01	0.00E+00	1.54E-09	-2.73E-08	-2.27E-03
Y14101	-4.81E-08	-4.24E-03	-7.57E-01	0.00E+00	0.00E+00	-8.72E-01	0.00E+00	2.78E-02	0.00E+00	2.36E-09	-1.11E-08	-8.70E-04
Y14161	-6.23E-08	-5.76E-03	-8.39E-01	0.00E+00	0.00E+00	-9.77E-01	0.00E+00	-9.25E-02	0.00E+00	2.97E-09	-1.21E-08	-9.03E-04
Y1420	-1.60E-07	-9.53E-03	-4.67E+00	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-9.65E-01	0.00E+00	-1.18E-09	-3.89E-08	-3.32E-03
Y1425	-1.46E-07	-9.80E-03	-4.74E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	-6.39E-01	0.00E+00	-1.45E-10	-3.77E-08	-2.81E-03
Y1432	-1.71E-07	-1.39E-02	-4.83E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-7.63E-01	0.00E+00	-1.84E-09	-3.82E-08	-2.97E-03
Y1440	-3.40E-07	-1.41E-02	-4.89E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	-9.02E-01	0.00E+00	-2.21E-09	-4.45E-08	-3.50E-03
Y1450	-2.88E-07	-6.13E-03	-2.61E+00	0.00E+00	0.00E+00	-5.25E-02	0.00E+00	8.31E-01	0.00E+00	-3.14E-10	-3.91E-08	-2.91E-03
Y1463	-2.94E-07	-4.37E-03	-2.40E+00	0.00E+00	0.00E+00	-3.95E+00	0.00E+00	-4.02E-01	0.00E+00	-1.07E-09	-4.36E-08	-2.71E-03
Y7106	-3.67E-08	-9.19E-04	-7.00E-01	0.00E+00	0.00E+00	-9.61E-01	0.00E+00	-1.27E-01	0.00E+00	1.94E-09	-6.46E-09	-6.02E-04
Y7110	-2.81E-08	-4.40E-04	-7.20E-01	0.00E+00	0.00E+00	-9.28E-01	0.00E+00	-1.38E-01	0.00E+00	1.92E-09	-6.05E-09	-5.89E-04
Y7116	-3.48E-08	-1.27E-03	-7.41E-01	0.00E+00	0.00E+00	-9.67E-01	0.00E+00	-1.38E-01	0.00E+00	1.87E-09	-6.75E-09	-6.53E-04
Y7120	-4.41E-08	-2.09E-03	-2.58E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-1.55E-01	0.00E+00	1.91E-09	-7.59E-09	-9.44E-04
Y7125	-6.92E-08	-2.74E-03	-2.80E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	9.43E-02	0.00E+00	1.59E-09	-1.07E-08	-1.17E-03
Y7132	-6.90E-08	-4.38E-03	-3.05E+00	0.00E+00	0.00E+00	-1.47E+00	0.00E+00	-2.00E-03	0.00E+00	1.47E-09	-1.32E-08	-1.29E-03
Y7140	-8.23E-08	-5.25E-03	-2.86E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-1.14E-02	0.00E+00	1.81E-09	-1.42E-08	-1.40E-03
Y7150	-7.04E-08	-1.95E-03	-1.30E+00	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	1.08E-01	0.00E+00	3.50E-09	-9.30E-09	-7.96E-04
Y7163	-7.83E-08	-2.21E-03	-1.13E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	2.34E-01	0.00E+00	2.99E-09	-1.14E-08	-8.32E-04
Y7206	-5.81E-08	-7.11E-03	-1.05E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-2.21E-01	0.00E+00	1.75E-09	-1.39E-08	-9.60E-04
Y7210	-6.17E-08	-6.32E-03	-1.07E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-2.06E-01	0.00E+00	1.82E-09	-1.37E-08	-9.85E-04
Y7216	-7.31E-08	-8.41E-03	-1.14E+00	0.00E+00	0.00E+00	-1.51E+00	0.00E+00	-4.86E-01	0.00E+00	1.21E-09	-1.70E-08	-1.11E-03
Y7220	-8.29E-08	-9.05E-03	-3.25E+00	0.00E+00	0.00E+00	-1.62E+00	0.00E+00	-2.31E-01	0.00E+00	9.81E-10	-1.94E-08	-1.42E-03
Y7225	-8.80E-08	-8.83E-03	-3.27E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-2.41E-01	0.00E+00	9.32E-10	-2.17E-08	-1.67E-03
Y7232	-7.80E-08	-9.41E-03	-3.39E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-2.11E-01	0.00E+00	1.48E-09	-2.20E-08	-1.64E-03
Y7240	-1.78E-07	-1.18E-02	-3.48E+00	0.00E+00	0.00E+00	-2.86E+00	0.00E+00	-3.34E-01	0.00E+00	7.71E-10	-3.33E-08	-2.30E-03
Y7250	-6.16E-08	-6.92E-03	-1.29E+00	0.00E+00	0.00E+00	-1.53E+00	0.00E+00	-8.73E-02	0.00E+00	4.00E-09	-1.50E-08	-8.20E-04
Y7263	-1.25E-07	-6.14E-03	-1.44E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	2.39E-01	0.00E+00	3.03E-09	-2.13E-08	-1.31E-03
Y7306	-7.34E-08	-9.83E-03	-1.95E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-6.81E-01	0.00E+00	1.32E-09	-2.10E-08	-1.55E-03
Y7310	-7.11E-08	-1.25E-02	-1.99E+00	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-9.45E-01	0.00E+00	2.84E-10	-2.50E-08	-1.65E-03
Y7316	-7.14E-08	-1.31E-02	-1.99E+00	0.00E+00	0.00E+00	-2.54E+00	0.00E+00	-1.05E+00	0.00E+00	3.71E-10	-2.62E-08	-1.82E-03
Y7320	-9.76E-08	-1.32E-02	-4.40E+00	0.00E+00	0.00E+00	-2.89E+00	0.00E+00	-7.12E-01	0.00E+00	7.23E-10	-2.96E-08	-2.56E-03
Y7325	-1.66E-07	-1.29E-02	-4.63E+00	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-7.42E-01	0.00E+00	-8.63E-11	-3.97E-08	-3.16E-03
Y7332	-2.19E-07	-1.67E-02	-4.73E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-5.46E-01	0.00E+00	1.11E-09	-3.75E-08	-3.06E-03
Y7340	-2.56E-07	-1.86E-02	-4.65E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-6.89E-01	0.00E+00	1.76E-09	-3.96E-08	-3.13E-03
Y7350	-2.05E-07	-1.47E-02	-2.12E+00	0.00E+00	0.00E+00	-2.15E+00	0.00E+00	-4.29E-02	0.00E+00	4.91E-09	-3.15E-08	-2.01E-03
Y7363	-2.08E-07	-1.24E-02	-2.18E+00	0.00E+00	0.00E+00	-4.31E+00	0.00E+00	-5.42E-01	0.00E+00	3.14E-09	-3.47E-08	-2.36E-03
Y7406	-1.34E-07	-5.09E-03	-2.23E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-1.26E+00	0.00E+00	6.37E-10	-3.06E-08	-2.49E-03
Y7410	-1.22E-07	-6.40E-03	-2.05E+00	0.00E+00	0.00E+00	-2.44E+00	0.00E+00	-1.80E+00	0.00E+00	-3.70E-11	-3.01E-08	-2.63E-03
Y7416	-1.83E-07	-8.09E-03	-2.14E+00	0.00E+00	0.00E+00	-2.68E+00	0.00E+00	-1.27E+00	0.00E+00	4.08E-10	-3.48E-08	-3.26E-03
Y7420	-1.81E-07	-8.11E-03	-4.63E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-8.73E-01	0.00E+00	1.72E-09	-3.53E-08	-3.30E-03
Y7425	-1.46E-07	-9.60E-03	-4.77E+00	0.00E+00	0.00E+00	-1.30E+00	0.00E+00	-5.87E-01	0.00E+00	-1.45E-10	-3.76E-08	-2.87E-03
Y7432	-1.85E-07	-1.18E-02	-4.80E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-8.30E-01	0.00E+00	-2.89E-09	-3.72E-08	-2.88E-03
Y7440	-3.35E-07	-1.39E-02	-4.82E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-5.90E-01	0.00E+00	-2.47E-09	-4.61E-08	-3.26E-03
Y7450	-2.87E-07	-8.26E-03	-2.15E+00	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-9.37E-01	0.00E+00	-7.01E-10	-4.32E-08	-2.49E-03
Y7463	-2.88E-07	-2.86E-03	-2.11E+00	0.00E+00	0.00E+00	-4.25E+00	0.00E+00	-1.56E-01	0.00E+00	-8.80E-10	-4.47E-08	-2.47E-03
YZB110	2.85E-09	4.51E-03	1.74E-01	0.00E+00	0.00E+00	4.52E-01	0.00E+00	9.68E-01	0.00E+00	8.08E-09	3.67E-09	2.91E-04
YZB116	-3.32E-08	4.29E-04	-3.76E-01	0.00E+00	0.00E+00	-7.27E-01	0.00E+00	-4.21E-01	0.00E+00	-2.96E-11	-8.40E-09	-5.54E-04
YZB120	-1.91E-08	1.06E-03	-3.96E-01	0.00E+00	0.00E+00	-5.44E-01	0.00E+00	-5.37E-01	0.00E+00	7.49E-10	-4.40E-09	-2.98E-04
YZB125	-1.86E-08	-2.39E-03	-5.08E-01	0.00E+00	0.00E+00	-7.25E-01	0.00E+00	-8.62E-01	0.00E+00	1.94E-10	-5.57E-09	-3.71E-04
YZB316	-9.35E-08	8.07E-03	-9.52E-01	0.00E+00	0.00E+00	-8.53E-01	0.00E+00	9.93E-01	0.00E+00	1.26E-08	-1.14E-08	-8.58E-04
YZB320	-4.08E-08	-2.05E-03	-1.71E+00	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-9.53E-01	0.00E+00	-3.80E-09	-2.70E-08	-1.64E-03
YZB325	-4.40E-08	-1.87E-03	-1.75E+00	0.00E+00	0.00E+00	-1.77E+00	0.00E+00	-8.15E-01	0.00E+00	-3.39E-09	-3.46E-08	-1.39E-03
YZC110	-2.37E-08	5.04E-04	-7.50E-01	0.00E+00	0.00E+00	-6.08E-01	0.00E+00	-5.57E-01	0.00E+00	1.08E-09	-4.81E-09	-3.62E-04
YZC116	-1.59E-08	9.46E-04	-3.53E-01	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-5.31E-01	0.00E+00	9.14E-10	-4.48E-09	-3.28E-04
YZC120	-1.22E-08	-1.02E-03	-5.25E-01	0.00E+00	0.00E+00	-9.52E-01	0.00E+00	-1.11E+00	0.00E+00	-6.33E-10	-6.35E-09	-3.89E-04
YZC125	-2.27E-08	-2.47E-03	-5.47E-01	0.00E+00	0.00E+00	-7.79E-01	0.00E+00	-7.45E-01	0.00E+00	1.77E-10	-6.56E-09	-5.39E-04
YZC316	-7.58E-08	1.04E-03	-1.32E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-8.21E-01	0.00E+00	7.68E-09	-1.40E-08	-8.37E-04
YZC320	-1.01E-09	-1.59E-03	-1.07E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-2.70E+00	0.00E+00	-1.00E-08	-2.37E-08	-1.38E-03
YZC325	3.16E-09	3.06E-03	-2.88E-01	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-1.49E+00	0.00E+00	7.84E-10	-1.70E-08	-7.23E-04

Y1350	0.00E+00	-4.81E-01	0.00E+00	1.10E+00	-8.25E-05	1.10E+00	5.58E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
Y1363	0.00E+00	-5.37E-01	0.00E+00	-1.04E+00	-7.07E-05	-1.04E+00	-1.83E+00	-5.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.07E+02
Y1406	0.00E+00	-3.65E-01	0.00E+00	-6.37E-01	-2.97E-05	-6.37E-01	-5.63E-01	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-8.16E+01
Y14101	0.00E+00	-9.13E-02	0.00E+00	2.78E-02	-1.26E-05	2.78E-02	-1.77E-01	-9.13E-02	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
Y14161	0.00E+00	-1.36E-01	0.00E+00	-9.25E-02	-1.80E-05	-9.25E-02	-3.20E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
Y1420	0.00E+00	-8.71E-01	0.00E+00	-9.65E-01	-3.57E-05	-9.65E-01	-8.76E-01	-8.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
Y1425	0.00E+00	-9.66E-01	0.00E+00	-6.39E-01	-5.30E-05	-6.39E-01	-7.65E-01	-9.66E-01	0.00E+00	0.00E+00	0.00E+00	-7.55E+01
Y1432	0.00E+00	-1.01E+00	0.00E+00	-7.63E-01	-6.33E-05	-7.63E-01	-1.12E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
Y1440	0.00E+00	-1.14E+00	0.00E+00	-9.02E-01	-7.35E-05	-9.02E-01	-1.33E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
Y1450	0.00E+00	-5.00E-01	0.00E+00	8.31E-01	-8.61E-05	8.31E-01	2.75E-01	-5.00E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
Y1463	0.00E+00	-6.65E-01	0.00E+00	-4.02E-01	-5.56E-05	-4.02E-01	-1.04E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
Y7106	0.00E+00	-8.42E-02	0.00E+00	-1.27E-01	-7.42E-06	-1.27E-01	-1.11E-01	-8.42E-02	0.00E+00	0.00E+00	0.00E+00	-3.37E+01
Y7110	0.00E+00	-7.72E-02	0.00E+00	-1.38E-01	-6.83E-06	-1.38E-01	-9.94E-02	-7.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
Y7116	0.00E+00	-1.25E-01	0.00E+00	-1.38E-01	-7.18E-06	-1.38E-01	-1.31E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
Y7120	0.00E+00	-4.47E-01	0.00E+00	-1.55E-01	-8.96E-06	-1.55E-01	-1.32E-01	-4.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
Y7125	0.00E+00	-4.86E-01	0.00E+00	9.43E-02	-1.54E-05	9.43E-02	2.56E-03	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
Y7132	0.00E+00	-5.16E-01	0.00E+00	-2.00E-03	-1.84E-05	-2.00E-03	-2.19E-01	-5.16E-01	0.00E+00	0.00E+00	0.00E+00	-6.30E+01
Y7140	0.00E+00	-4.73E-01	0.00E+00	-1.14E-02	-1.94E-05	-1.14E-02	-2.27E-01	-4.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01
Y7150	0.00E+00	-1.91E-01	0.00E+00	1.08E-01	-1.77E-05	1.08E-01	-1.51E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
Y7163	0.00E+00	-2.29E-01	0.00E+00	2.34E-01	-2.13E-05	2.34E-01	-3.72E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
Y7206	0.00E+00	-1.89E-01	0.00E+00	-2.21E-01	-1.53E-05	-2.21E-01	-1.68E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-4.67E+01
Y7210	0.00E+00	-1.83E-01	0.00E+00	-2.06E-01	-1.45E-05	-2.06E-01	-1.36E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.59E+01
Y7216	0.00E+00	-2.32E-01	0.00E+00	-4.86E-01	-1.52E-05	-4.86E-01	-3.46E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
Y7220	0.00E+00	-5.82E-01	0.00E+00	-2.31E-01	-1.73E-05	-2.31E-01	-5.74E-02	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	-7.28E+01
Y7225	0.00E+00	-6.38E-01	0.00E+00	-2.41E-01	-1.72E-05	-2.41E-01	-2.97E-01	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-8.93E+01
Y7232	0.00E+00	-6.22E-01	0.00E+00	-2.11E-01	-2.25E-05	-2.11E-01	-4.27E-01	-6.22E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
Y7240	0.00E+00	-5.67E-01	0.00E+00	-3.34E-01	-4.03E-05	-3.34E-01	-5.81E-01	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
Y7250	0.00E+00	-2.18E-01	0.00E+00	-8.73E-02	-2.56E-05	-8.73E-02	-3.38E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
Y7263	0.00E+00	-2.53E-01	0.00E+00	2.39E-01	-3.13E-05	2.39E-01	-3.52E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-9.17E+01
Y7306	0.00E+00	-3.20E-01	0.00E+00	-6.81E-01	-1.90E-05	-6.81E-01	-5.86E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
Y7310	0.00E+00	-3.41E-01	0.00E+00	-9.45E-01	-1.84E-05	-9.45E-01	-8.95E-01	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-8.57E+01
Y7316	0.00E+00	-4.31E-01	0.00E+00	-1.05E+00	-1.78E-05	-1.05E+00	-1.06E+00	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
Y7320	0.00E+00	-7.86E-01	0.00E+00	-7.12E-01	-2.90E-05	-7.12E-01	-7.46E-01	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
Y7325	0.00E+00	-8.28E-01	0.00E+00	-7.42E-01	-4.30E-05	-7.42E-01	-1.01E+00	-8.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
Y7332	0.00E+00	-8.47E-01	0.00E+00	-5.46E-01	-6.40E-05	-5.46E-01	-1.18E+00	-8.47E-01	0.00E+00	0.00E+00	0.00E+00	-9.99E+01
Y7340	0.00E+00	-9.50E-01	0.00E+00	-6.89E-01	-6.74E-05	-6.89E-01	-1.38E+00	-9.50E-01	0.00E+00	0.00E+00	0.00E+00	-9.91E+01
Y7350	0.00E+00	-4.86E-01	0.00E+00	-4.29E-02	-6.30E-05	-4.29E-02	-7.68E-01	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
Y7363	0.00E+00	-5.44E-01	0.00E+00	-5.42E-01	-6.20E-05	-5.42E-01	-1.41E+00	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
Y7406	0.00E+00	-4.26E-01	0.00E+00	-1.26E+00	-3.09E-05	-1.26E+00	-1.41E+00	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
Y7410	0.00E+00	-4.26E-01	0.00E+00	-1.80E+00	-2.83E-05	-1.80E+00	-1.79E+00	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
Y7416	0.00E+00	-4.83E-01	0.00E+00	-1.27E+00	-4.07E-05	-1.27E+00	-1.50E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
Y7420	0.00E+00	-8.63E-01	0.00E+00	-8.73E-01	-4.08E-05	-8.73E-01	-1.12E+00	-8.63E-01	0.00E+00	0.00E+00	0.00E+00	-9.83E+01
Y7425	0.00E+00	-9.62E-01	0.00E+00	-5.87E-01	-5.36E-05	-5.87E-01	-7.77E-01	-9.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
Y7432	0.00E+00	-1.01E+00	0.00E+00	-8.30E-01	-6.04E-05	-8.30E-01	-1.12E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-8.77E+01
Y7440	0.00E+00	-1.09E+00	0.00E+00	-5.90E-01	-6.60E-05	-5.90E-01	-8.66E-01	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
Y7450	0.00E+00	-6.93E-01	0.00E+00	-9.37E-01	-6.76E-05	-9.37E-01	-1.47E+00	-6.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
Y7463	0.00E+00	-6.01E-01	0.00E+00	-1.56E-01	-5.63E-05	-1.56E-01	-1.04E+00	-6.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
YZB110	0.00E+00	8.76E-02	0.00E+00	9.68E-01	1.08E-07	9.68E-01	1.06E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
YZB116	0.00E+00	-7.85E-02	0.00E+00	-4.21E-01	-8.83E-06	-4.21E-01	-4.99E-01	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
YZB120	0.00E+00	-4.14E-02	0.00E+00	-5.37E-01	-5.06E-06	-5.37E-01	-9.23E-01	-4.14E-02	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
YZB125	0.00E+00	-7.44E-02	0.00E+00	-8.62E-01	-5.22E-06	-8.62E-01	-1.24E+00	-7.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
YZB316	0.00E+00	-8.08E-02	0.00E+00	9.93E-01	-2.40E-05	9.93E-01	9.12E-01	-8.08E-02	0.00E+00	0.00E+00	0.00E+00	-4.47E+01
YZB320	0.00E+00	-2.09E-01	0.00E+00	-9.53E-01	-1.66E-05	-9.53E-01	-1.31E+00	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.35E+01
YZB325	0.00E+00	-2.41E-01	0.00E+00	-8.15E-01	-9.84E-06	-8.15E-01	-1.38E+00	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-7.39E+01
YZC110	0.00E+00	-7.97E-02	0.00E+00	-5.57E-01	-5.23E-06	-5.57E-01	-9.33E-01	-7.97E-02	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
YZC116	0.00E+00	-5.04E-02	0.00E+00	-5.31E-01	-4.91E-06	-5.31E-01	-9.23E-01	-5.04E-02	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
YZC120	0.00E+00	-9.13E-02	0.00E+00	-1.11E+00	-4.70E-06	-1.11E+00	-1.85E+00	-9.13E-02	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
YZC125	0.00E+00	-8.57E-02	0.00E+00	-7.45E-01	-8.88E-06	-7.45E-01	-1.15E+00	-8.57E-02	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
YZC316	0.00E+00	-1.63E-01	0.00E+00	-8.21E-01	-1.46E-05	-8.21E-01	-1.01E+00	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-5.31E+01
YZC320	0.00E+00	-2.82E-01	0.00E+00	-2.70E+00	-5.64E-06	-2.70E+00	-2.98E+00	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-7.62E+01
YZC325	0.00E+00	-8.45E-02	0.00E+00	-1.49E+00	-5.11E-06	-1.49E+00	-1.58E+00	-8.45E-02	0.00E+00	0.00E+00	0.00E+00	-4.74E+01